LINMAR ENERGY CORPORATION
P.O. Box 1327
Roosevelt, Utah 84066

(801)722-4633

January 26, 1984

RECEIVED
JAN 27 1984
DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: APD for the Belcher 2-33B4
Section 33-T2S-R4W, USM

Gentlemen:

Linmar Energy Corporation plans to drill the subject well in the near future. An APD is attached for your review.

Please note that the proposed location is deviated somewhat from the center of the SW quarter. (No formal spacing rules apply to test wells.) We request administrative approval of this deviation for geologic reasons.

Your help is greatly appreciated.

Very Truly Yours,

E. B. Whicker
Manager of Engineering

Form OGC-1a

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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DIVISION OF OIL, GAS & MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL XX ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well: Oil Well XX ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone ☐

2. Name of Operator: Linmar Energy Corporation

3. Address of Operator: P.O. Box 1327, Roosevelt, Utah 84066

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1085' FWL, 2348' FNL (SW¼, NW¼, Sec. 33)
At proposed prod. zone: Same

5. Lease Designation and Serial No.: Fee

6. If Indian, Allottee or Tribe Name: NA

7. Unit Agreement Name: NA

8. Farm or Lease Name: Belcher

9. Well No.: 2-33B4

10. Field and Pool, or Wildcat: Altamont

11. Sec., T., R., M., or Blk. and Survey or Area: Sec. 33, T2S, R4W, U.S.B.&M.

12. County or Parrish: Duchesne 13. State: Utah

14. Distance in miles and direction from nearest town or post office*: 7 miles north and 2 miles east of Duchesne, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 1085'

16. No. of acres in lease: 640

17. No. of acres assigned to this well: 640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: 2800'

19. Proposed depth: 14,500 Wasatch

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 6179' GR

22. Approx. date work will start*: February 1, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
SEE WELL PROGNOSIS				

Contact Mr. Ed Whicker @ 722-4546 for additional information.

See Attached Prognosis for details.
AFE to drill the well has been sent to all potential working interest owners.
Water rights will be properly obtained prior to spudding.
This is a 320 acre test well to the Wasatch formation.
It is understood that the two wells in the Section will not be produced concurrently beyond the 60 day test period.
Due to the low productivity of the surrounding wells, Linmar Energy Corp. feels it is economically and geologically essential to drill as far north as practical. The proposed location is approximately 2800' from the existing well and 1085' from the nearest section line.
The surface owner has been contacted.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed: E. B. Whicker Title: Manager of Engineering Date: 1/24/84

(This space for Federal or State office use)

Permit No. ..... Approval Date: APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

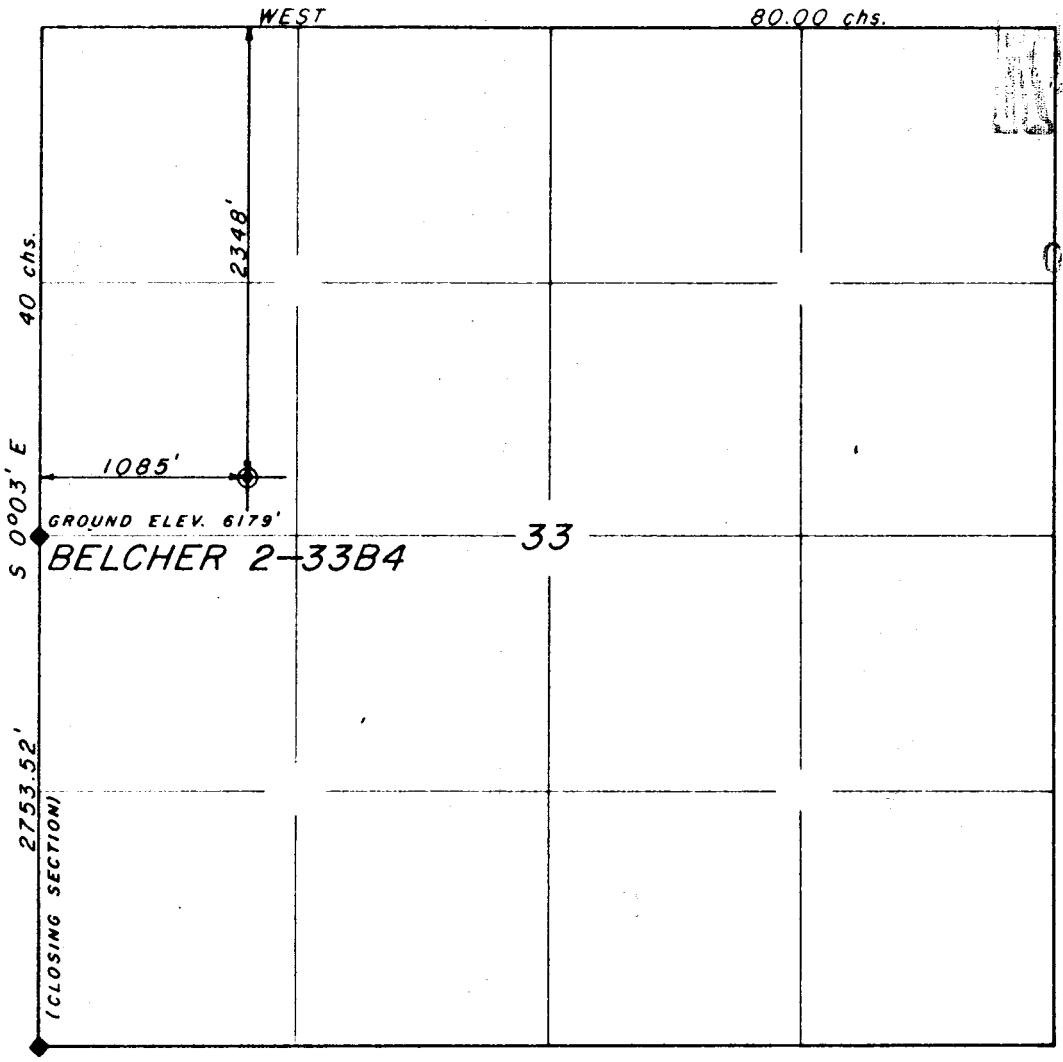
Approved by ..... Title ..... Date ..... DATE: 2/8/84 BY: [illegible]

Conditions of approval, if any:

*See Instructions On Reverse Side

LINMAR ENERGY CORP.
WELL LOCATION PLAT
BELCHER 2-33B4

LOCATED IN THE SW¼ OF THE NW¼ OF SECTION 33, T2S, R4W, U.S.B.&M.



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DIVISION OF
OIL, GAS & MINING

NORTH

SCALE: 1"=1000'

LEGEND & NOTES

◆ CORNERS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

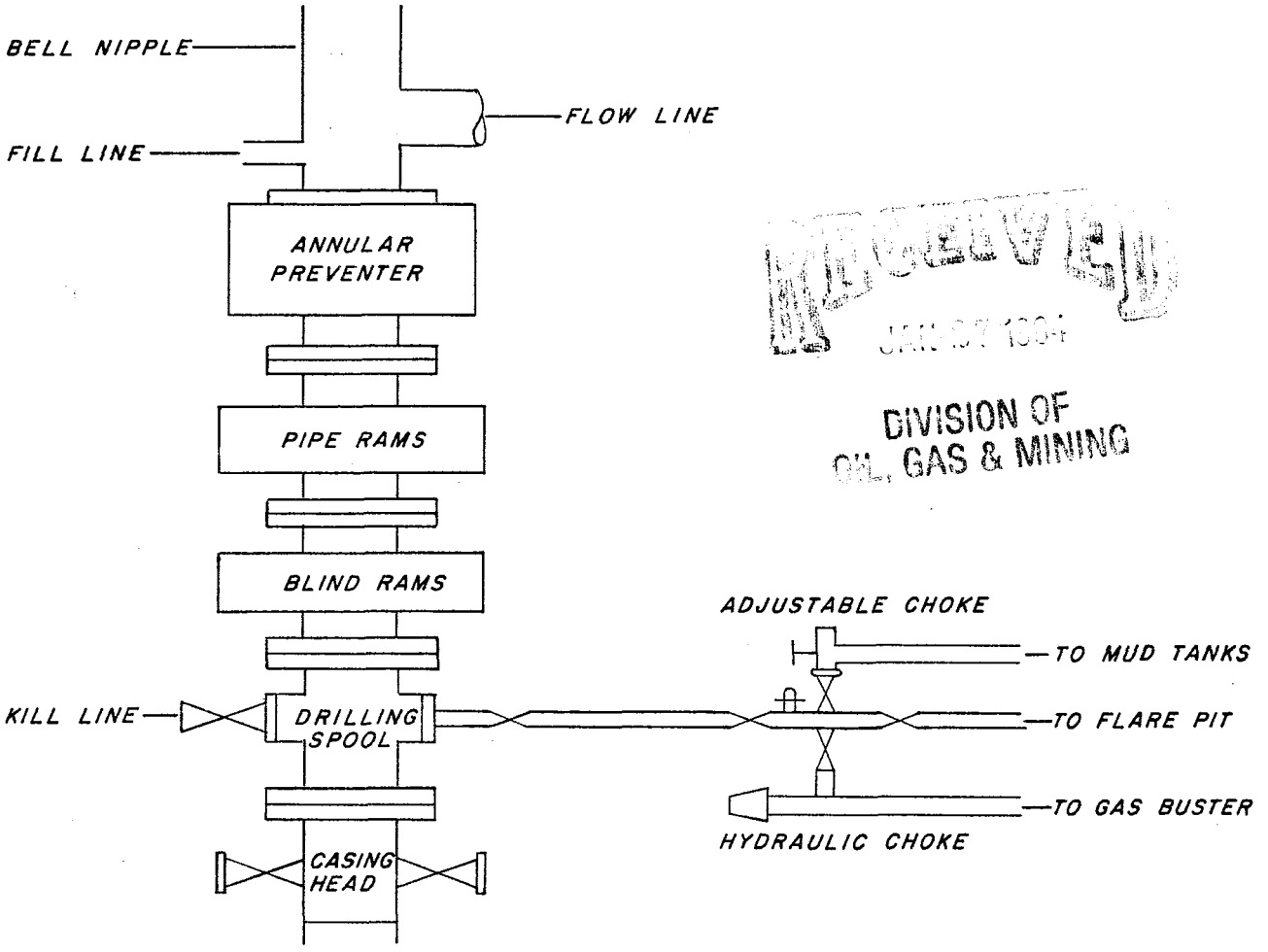
Jerry D. Allred

Jerry D. Allred, Registered Land Surveyor Cert. No. 3817 (Utah)

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

82-121-027 18 Jan. '84

BLOW OUT PREVENTION EQUIPMENT



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Minimum 3,000 PSI BOPE is to be installed after setting surface pipe.

All preventers are to be tested to 1500 PSI prior to drilling out casing shoe.

Minimum 5,000 PSI BOPE is to be installed after setting the long string.

The pipe rams and blind rams are to be tested to 5,000 PSI and the annular preventer to 1,500 PSI prior to drilling out shoe.

All auxillary BOPE will be tested to appropriate pressures when BOP'S are tested. (Manifold, upper and lower Kelly cocks, valves, and inside BOP).

After drilling the shoe, the casing seat will be pressure tested to an equivalent mud weight of 13.5 ppg.

LINMAR ENERGY CORPORATION

Belcher 2-33B4

SW¼, NW¼, Section 33, T2S, R4W, U.S.B.&M.

Duchesne County, Utah

19 January 1984

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DIVISION OF
OIL, GAS & MINING

WELL PROGNOSIS

1. Surface formation: Duchesne River Formation
2. Estimated Formation Tops:

   Green River Formation: 8,500'

   Wasatch Formation: 11,000'
3. Expected Mineral Bearing Depths:

   Fresh Water: Surface to 500'

   Saline Water: 500' to TD

   Oil & Gas: 7,500' to TD
4. Casing Program:

   All casing is to be new.

Depth	Bit	Casing	Weight	Grade	Cement
Surf-40'	30"	20"	Line Pipe		Cement to surface
Surf-1,500'	12.25	9.625	36#	K55	Cement to surface
Surf-11,500'	8.75	7.00	26,29,32	S95	500CF
11,400'-14,500'	6.00	5.00	18	P110	500CF

5. Pressure Control - See attached diagram.

   Minimum 3000 PSI Double rams to be installed after setting surface pipe.

   5000 PSI Double rams with Sperical BOP to be installed after setting 7" Long String.

   BOP's to be tested to 3000 PSI after installation and operated daily.
6. Drilling Mud:

   Well to be drilled to 6,500' with fresh water. Fresh gel mud, weighted with barite, as required, will be used from 6,500' to TD. A minimum of 200 bbls of mud will be maintained in the mud tanks during normal operations. After setting the Long String, a minimum of 1000 sacks of barite will be on location.
7. Auxillary Equipment:

   (1) Top and bottom Kelly cocks, (2) PVT equipment, and (3) stabbing valve will be maintained on the drilling floor, after reaching the top of the Wasatch formation A Choke manifold, with automatic choke, and a gas buster will also be available, when drilling overpressured intervals.

8. Formation Evaluation:

No cores or DSTs are anticipated.

DIL-GR logs will be run from the surface pipe to TD.

✓CNL-FDC and mud logs will be run from 8,500' to TD.

9. Drilling Hazards:

Overpressured intervals are expected in the lower Wasatch Formation. Pressure control equipment, weighted muds, and mud monitoring, previously outlined, will be adequate to maintain control of the well.

No other drilling hazards are anticipated.

10. Timing:

The anticipated spud date is February 1, 1984. Estimated drilling time is 100 days. The completion will take another 15 days.

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JAN 27 1984
DIVISION OF
OIL, GAS & MINING

OPERATOR Linmar Energy Corporation DATE Jan 30 '84

WELL NAME Belcher #2-33B4 ✓

SEC SWNW 33 T 2S R 4W COUNTY Duchesne

43-013-30905 (7)
API NUMBER

Fee
TYPE OF LEASE

POSTING CHECK OFF:

[ ] INDEX	[ ] MAP	[ ] HL
[ ] NID	[ ]	[ ] PI

PROCESSING COMMENTS:
Needs water - Test well

✓ CHIEF PETROLEUM ENGINEER REVIEW:
7/8/84 Geological exception / Diagonal offset to #1-33B4

APPROVAL LETTER:

SPACING: [ ] A-3 _____ UNIT [ ] c-3-a 140-12 6-25-81 CAUSE NO. & DATE

[ ] c-3-b [ ] c-3-c

SPECIAL LANGUAGE:
1 Water Stipulation
✓ #140-12 Stipulation

- [x] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.
- [ ] AUTHENTICATE LEASE AND OPERATOR INFORMATION
- [x] VERIFY ADEQUATE AND PROPER BONDING
- [x] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.
- [x] APPLY SPACING CONSIDERATION
  - [x] ORDER _____
  - [ ] UNIT _____
  - [ ] c-3-b
  - [ ] c-3-c
- [x] CHECK DISTANCE TO NEAREST WELL.
- [x] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.
- [ ] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER
- [ ] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.
- [ ] VERIFY LEGAL AND SUFFICIENT DRILLING WATER

February 9, 1984

Linmar Energy Corporation
P. O. Box 1327
Roosevelt, Utah 84066

Re: Well No. Belcher 2-33B4
SWNW Sec. 33, T. 2S, R. 4W
2348' FNL, 1085' FWL
Duchesne County, Utah

Gentlemen:

Approval to drill the above referenced oil well is hereby granted in accordance with Order of Cause No. 140-12, dated June 25, 1981, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

2. Strict compliance with the conditions for drilling and producing test wells as ordered in Cause No. 140-12, specifically, production testing time limitations, bottom hole pressure information submittal and damage liability assumption.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-6068 (Home).

The API number assigned to this well is 43-013-30905.

Sincerely,

R. J. Firth
Chief Petroleum Engineer

RJF/gl
Enclosures

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

February 10, 1984

Linmar Energy Corporation
P. O. Box 1327
Roosevelt, Utah 84066

RE: Well No. Belcher #2-33B4
SWNW Sec. 33, T. 2S, R. 4W
2348' FNL, 1085' FWL
Duchesne County, Utah

Gentlemen:

In regards to the above referenced well, the API #43-013-30905 was issued in error.

Please correct the API number to 43-013-30907. We are sorry for the inconvenience this may have caused you.

Sincerely,

Arlene Sollis

Arlene W. Sollis
Administrative Aide

AWS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LINMAR ENERGY CORPORATION

WELL NAME: BELCHER 2-33B4

SECTION SWNW 33 TOWNSHIP 2 S RANGE 4 W COUNTY DUCHESNE

DRILLING CONTRACTOR US DRILLING

RIG # 44

SPUDDED: DATE 7-21-84

TIME 12:01 AM

HOW ROTARY

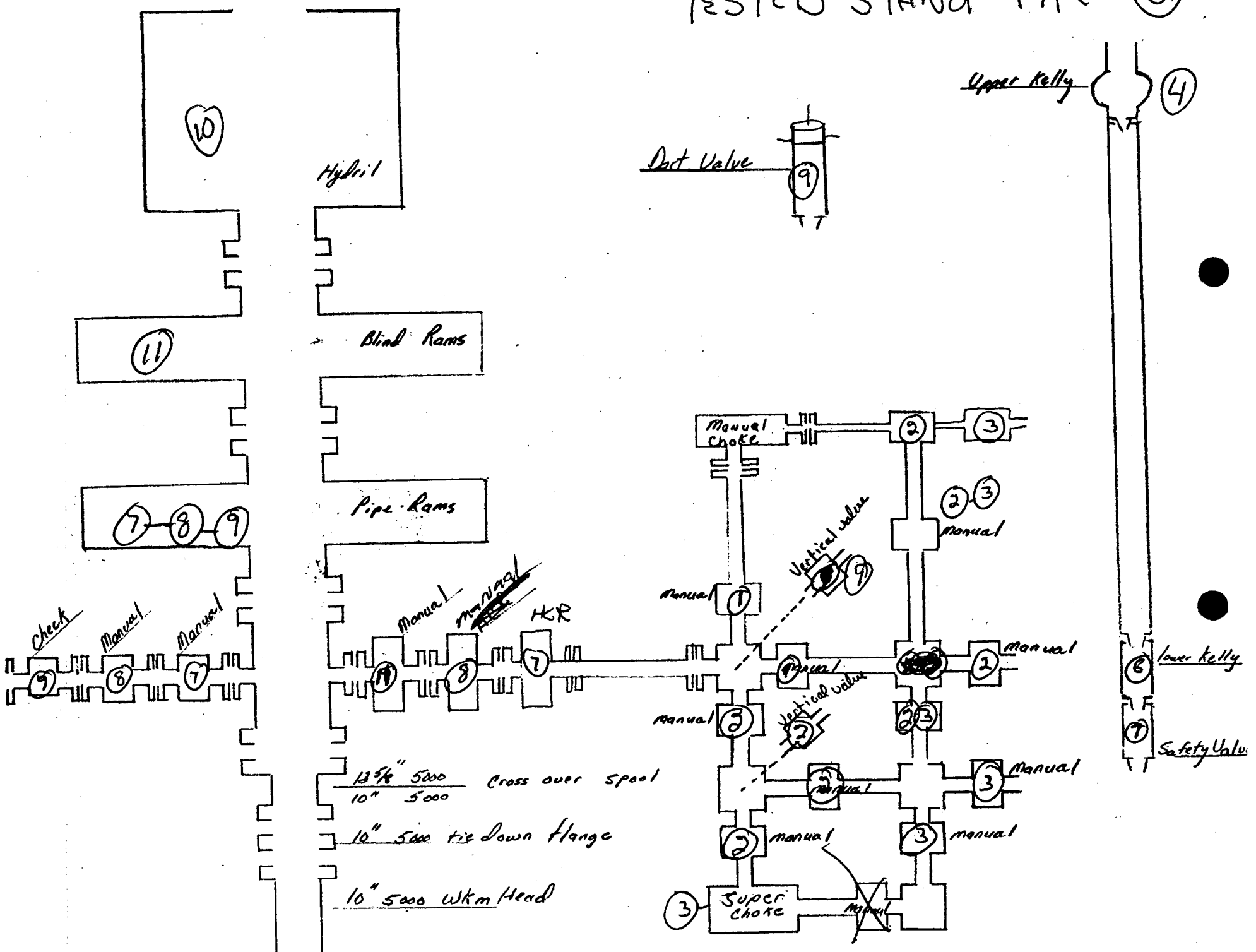
DRILLING WILL COMMENCE

REPORTED BY JIM GARCIA

TELEPHONE #

DATE 7-32-84 SIGNED RJF

TESTED STAND PIPE - (5)



State

RECEIVED

AUG 30 1984

DIVISION OF OIL GAS & MINING

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

B.O.P. TEST PERFORMED ON (DATE) 8-19-84

OIL CO.: Linmar

WELL NAME & NUMBER Belcher 2-33-B4

SECTION 27

TOWNSHIP 2S

RANGE 4 3

COUNTY Duchesne

DRILLING CONTRACTOR U.S. #44

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE Dale Driscoll

RIG TOOL PUSHER

TESTED OUT OF Vernal

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: BLM
State of Utah
Co-Hand

ORIGINAL CHART & TEST REPORT ON FILE AT: Vernal OFFICE

Company	Lease and Well Name #	Date of Test	Rig #
Linmar	Belcher 2-33-B4	8-19-84	U.S. 44

Test #	Time	
		Arrive on Location at 9:00
	9:00 - 9:40	Fill Truck with water Rig up To Manifold
	9:40 10:30	Try To Test First set of Valve's Flange on choke Line Leak. Tighting up and Try again.
(1)	10:30 - 10:45	Test First set of Valves 5000 PSI 15 minute's OK
	10:45 10:50	Change Valves
(2)	10:50 - 11:05	Test sec. set of Valves 5000 PSI 15 minute's OK
(3)	11:05 11:25	Test 3rd set of Valve and Super Choke 5000 PSI 15 minute's OK
		Put Plug and sub's on Floor
	11:25 12:00	Try To Presser up on upper Kelly Valve No test work it and Try again.
(4)	12:00 - 12:15	Test upper Kelly 5000 PSI 15 minute's OK
8	12:15 12:30	Open upper Kelly Valve
(5)	12:30 12:55	Test Stand Pipe Valve

ompany	Lease and Well Name #	Date of Test	Rig #
Linmar	2-33-B4 BELCHER ~~[illegible]~~ 1	8-19-84	U.S. 44

t #	Time	
	1:00 1:45	Rig Down SUB and HOSE Rig up Rig Tongs make up BOTTOM KELLY valve
6.	1:45 - 2:00	TEST BOTTOM KELLY valve 5000 PSI 15 minutes ok
		Rig DOWN SUB and HOSE
	2:00 2:40	SET KELLY Back Pick up JOINT make up TIW and dart valve And SUB Run Plug in Hole close BOTTOM PIPES
7.	2:40 3:00	TEST BOTTOM PIPES TIW - HCR First manual on Kill Line 5000 PSI ok 15 minutes
8.	3:00 - 3:20	TEST - PIPES - DART SEC manual on Kill Line Manual on choke line 5000 PSI 15 minutes ok
9.	3:20 3:40	TEST - PIPES - DART - ICHECK valve on Kill Line - up Right valve 5000 PSI 15 minutes ok
	3:40 4:20	TEST Blinds Row Leak Tighting up and Try again
10.	4:20 - 4:40	TEST - Hydril 3500 PSI ok First manual on choke line
11	4:40 5:00	TEST - Blinds 5000 PSI 15 min - ok
	5:00 6:00	Rig DOWN make out Ticket
	6:00 8:00	Travel To shop.

DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Linmar
8-19
GC GC-15216
MIDNIGHT
NOON
6 AM
6 PM
PRINTED IN U.S.A.

DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
MIDNIGHT
NOON
AM
PM
Linmar
8-19
1984
GC GC-15216

DELSCO NORTHWEST

Sub-Surface Pressure Test

Field _____ County DUCHESNE State UTAH

Company LINMAR

Lease BELCHER Well No. 2-33B4

Date 11-13-84 Time _____ Status of Well FLOWING

Pay _____ Perforations _____ Datum 12000'

Depth Feet	Pressure lbs. sq. in.	Time Interval From Test Start At (in hours)	Gradient lbs./ft.		
0	1810		0	Casing Press	
1000	2074		.264	Tubing Press	1800 PSI
2000	2330		.256	Oil Level	
3000	2561		.231	Water Level	
4000	2815		.254	Hours – Shut In	Flowing
5000	3066		.251	Temp. 240°	At 12000'
6000	3308		.242	Elevation – D.F.	Ground
7000	3550		.242	Pressure This Test	4926 PSI
8000	3791		.241	Last Test Date	
9000	4033		.242	Press Last Test	
10000	4288		.255	B.H.P. Change	
11000	4548		.260	Loss/Day	
12000	4926		.378	Choke Size	
				Oil Bbls./day	
				Water Bbls./day	
				Total Bbls./day	
				Orifice and Line	
				Static and Differential	
				Gas Sp. Gr.	
				Cu. ft./day	
				GOR	

Instrument	Number	Calibration Date
AMERADA	0-8000 PSI	12-12-83

Calculations and Remarks

Operator on Job LARRY CASH

Test Calculated By GEORGE LANDRY

Witnesses: Company _____

State UTAH

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Linmar Energy Corp

3. ADDRESS OF OPERATOR: PO Box 1327, Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085 FWL, 2348' FNL, (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: Belcher

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 33-T2S-R4W

14. PERMIT NO.: 43-013-30920

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5960 GL

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) BHP Survey			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find a BHP survey as Per Cause 140-12 for test wells.

RECEIVED
NOV 21 1984
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division Engineer DATE 11/16/8

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave., Pkwy., Ste. 604, Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL; 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: BELCHER

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other)			[ ]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(Other) Monthly Operations			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7-21-84 - SPUD @ 12:01 a.m. 7/21/84.

7-21-84
7-24-84 - Drill to 2,527'.

7-25-84 - Run and cement 61 jts. 9-5/8", K-55, 36#, ST&C casing with 870 sxs. Lite, tailed by 200 sxs. Class "G".

7-26-84
7-31-84 - Drill to 6,280'.

(SEE ATTACHMENT FOR DETAILS.)

18. I hereby certify that the foregoing is true and correct

SIGNED John W. Clark TITLE Vice President DATE 12/3/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL: LINMAR-BELCHER 2-33B4
LOCATION: SEC. 33, T2S, R4W, DUCHESNE COUNTY, UTAH
OPERATOR: LINMAR ENERGY CORPORATION
CONTRACTOR: U. S. DRILLING, RIG #44
OBJECTIVE ZONE: WASATCH FORMATION
ESTIMATED TD: 14,500'

7-28-84 4,406'

Day 8; Drilling, made 831' in 21½ hrs. MW 8.5, Vis 28. Remarks: Drilling to 4,406', drop survey and pull out of hole for bit. NO SHOWS. Survey: 1° @ 3559'; 1° @ 3900'; 1° @ 4222'.
DC: $25,036 CUM: $205,367
DMC: $ 1,371 CMC: $ 5,001

7-29-84 4,819'

Day 9; Drilling, made 413' in 13-3/4 hrs. MW 8.5, Vis 28. Remarks: Finish tripping for bit #4. Wash and ream 90' to bottom, drilling to 4,819', drop survey and pull out of hole for bit, pick up bit #5 J33H, and trip in to 3,450', drill out bridges from 3,450' to 3,650', tripping in hole. NO SHOWS. Survey: 1½° @ 4361'; 2° @ 4713'; 2½° @ 4819'.
DC: $12,771 CUM: $218,138
DMC: $ 524 CMC: $ 5,525

7-30-84 5,498'

Day 10; Drilling, made 679' in 21 hrs. MW 8.6, Vis 28. Remarks: Finish trip in hole, wash and ream 129' to bottom, drilling at 5,498'. SHOW #1; 5,102-06'; Drilling rate: Before 2 mins., During 1.5 mins., After 2 mins. Formation Gas: Before 0 units, During 90 units, After 20 units. No cut, no fluoresence, no sign of oil. SHOW #2; 5,130-36'; Drilling Rate: Before 2 mins., During 1 min., After 2 mins. Formation Gas: Before 20 units, During 300 units, After 30 units. No cut no fluoresence, no oil. Survey: 1° @ 5438'. BGG: 20-30 units; CG: 40-80 units.
DC: $19,918 CUM: $238,056
DMC: $ 795 CMC: $ 6,320

7-31-84 6,280'

Day 11; Drilling, made 782' in 22½ hrs. MW 8.6, Vis 28. Remarks: Drilling at 6,280', no problems. SHOW #3; 5,572-83'; Drilling Rate: Before 1.5 mins., During 1 min., After 1.5 mins. Formation Gas: Before 20 units, During 75 units, After 60 units. NO cut, no fluoresence, no sign of oil. SHOW #4; 5,862-70'; Drilling Rate: Before 1.5 mins., During 1 min., After 1.5 mins. Formation GAs: Before 20 units, During 80 units, After 20 units. Weak cut, 5% fluoresence, Trace of black tar. Survey: 1-3/4° @ 5746'; 1° @ 6069'. BGG: 20-40 units; CG: 40-160 units.
DC: $22,278 CUM: $260,334
DMC: $ 437 CMC: $ 6,757

8-1-84 6,970'

Day 12; Drilling, made 690' in 23 hrs. MW 8.6, Vis 28. Remarks: Drilling at 6,970', no problems. SHOW #5; 6,830-39'; Drilling Rate: Before 2 mins., During 1.5 mins., After 3,5 mins. Formation Gas: Before 15 units, During 300 units, After 60 units. Weak cut, 5% fluoresence, fair amount of dark brownish-black oil. Survey: 1½° @ 6362'; 2-3/4° @ 6683'. BGG: 20-50 units; CG: 40-120 units.
DC: $20,149 CUM: $280,483
DMC: $ 640 CMC: $ 7,397

8-2-84 7,200'

Day 13; Drilling, made 230' in 8¼ hrs. MW 8.7, Vis 29. Remarks: Drilling to 7,200'. Drop survey and pull out of hole for bit #6. Trip in hole, tag bridge at 3,479'. Wash and Ream from 3479-3650'. Trip in hole to 6,300'. Wash and ream from 6,300-6,650'. SHOW #6; 7,028-42'; Drilling Rate: Before 2 mins., During 1.5 mins., After 2 mins. Formation Gas: Before 30 units, During 200 units, After 60 units. Weak cut and fluoresence, trace of dark brownish-black oil. SHOW #7; 7050-64'; Drilling Rate: Before 2 mins., During 1.5 mins., After 2.5 mins. formation GAs: Before 60 units, During 300 units, After 200 units. Weak cut and fluoresence, trace of dark brown-black oil. SHOW #8; 7,136-56'; Drilling Rate: Before 2 mins., During 1.5 mins., After 2 mins. Formation Gas: Before 200 units, During 700 units, After 400 units. Weak cut and fluoresence, trace of dark brown-black oil. Survey: 2-3/4° @ 6,946'; 1-3/4° @ 7,160'. BGG: 400-50 units; CG: 900 units; TG: 1800 units.
DC: $8,051 CUM: $288,534
DMC: $ 562 CMC: $ 7,959

WELL: LINMAR-BELCHER 2-33B4
LOCATION: SEC. 33, T2S, R4W, DUCHESNE COUNTY, UTAH
OPERATOR: LINMAR ENERGY CORPORATION
CONTRACTOR: U. S. DRILLING, RIG #44
OBJECTIVE ZONE: WASATCH FORMATION
ESTIMATED TD: 14,500'

7-21-84 232'

Day 1; Drilling, made 168' in 18 hrs. MW 8.5, Vis 40. Remarks: Rig up rotary tools, SPUD @ 12:01 AM, July 21, 1984, drilling at 232'. Tag bottom of conductor at 64'.

DC: $6,646 CUM: $6,646
DMC: $ 0 CMC: $ 0

7-22-84 1,218'

Day 2; Drilling, made 986' in 21½ hrs. MW 8.8, Vis 37, WL NC Cake 4, PH 12. Remarks: Drilling at 1,218'. Survey: ¼° @ 353'; 3/4° @ 648'; 3/4° @ 900'; 3/4° @ 1,218'.

DC: $29,401 CUM: $36,047
DMC: $ 545 CMC: $ 545

7-23-84 2,114'

Day 3; Drilling, made 896' in 17 hrs. MW 9.1+, Vis 36, Cake 2, PH 9.0. Remarks: Drill to 1,342', circulate, drop survey, Pull out of hole, hole very tight, no sweeps before trip. Vis 35, change bits, go in hole, ream 1249-1342', 2' of fill, drilling at 2,114'. NO SHOWS. Surveys: 3/4° @ 1,342'; 3/4° @ 1,607'.

DC: $26,018 CUM: $62,065
DMC: $ 727 CMC: $ 1,272

7-24-84 2,527'

Day 4; Drilling, made 413' in 11½ hrs. MW 8.9, Vis 51, WL 18, Cake 3, PH 9.0. Remarks: Drill to 2,300', survey and rig service, drill to 2,527', circulate and condition mud, short trip 10 stands - very tight hole, circulate and condition mud, short trip 17 stands - hole better but tight, wash and ream 80' to bottom, 8' of fill, add drilling detergent and walnut to mud, circulate. NO SHOWS. Survey: 3/4° @ 2,300'.

DC: $12,445 CUM: $74,510
DMC: $ 352 CMC: $ 1,625

7-25-84 2,527'

Day 5; MW 8.9, Vis 42, WL 18, Cake 3, PH 9.0. Remarks: Circulate, trip out of hole, 2 mild tight spots, rig up casing crew and lay down 9" and 8" drill collars, rig up and run 61 joints of 9-5/8", K-55, 36#, ST&C casing, length = 2535.95', wash from 2487-2527', landed at 2525'. Cement with 20 bbls of water flush, 870 sacks lightweight III, with 3% CaCl2, ¼# Celloflake (248 bbl, 13.4 ppg), tai in with 200 sacks of class G with 2% CaCl2, ¼# Celloflake (40 bbl, 15.8 ppg), displace with 193 bbls of water, cement to surface 110 bbls into displacement good returns, bumped plug @ 192.5 bbl, 1000/1600 psi, check float, held, plug down at 5:38 PM, July 24, 1984. Lead cement figured at 150% excess, wait on cement 10 hrs., cut off and weld on WKM 5000#, 10" head, cement 4' down below conductor. NO SHOWS.

DC: $59,493 CUM: $134,003
DMC: $ 486 CMC: $ 2,111

7-26-84 2,556'

Day 6; Drilling, made 29' in 1 hr. MW 8.3, Vis 26. Remarks: Weld on WKM Wellhead, wait on WKM to test head, WKM tested welds, 1000 psi for 10 mins - held ok. Nipple up BOP's, Pressure test BOP's, HCR's, kill line, choke line, upper and lower kelly cocks, floor valves, blind nad pipe rams to 5000 psi, annular preventor to 2500 psi, all tested ok. Set wear bushing, pick up bottom hole assembly, go in hole with bit #3, drill cement, test casing to 400 psi for 10 mins before drilling guide shoe, held ok. Drill guide shoe, drilling at 2556'. One jet plugged, one motor not at full speed. NO SHOWS.

DC: $17,176 CUM: $151,179
DMC: $ 1,259 CMC: $ 2,111

7-27-84 3,575'

Day 7; Drilling, made 1,019' in 22 hrs. MW 8.5, Vis 28. Remarks: Drilling at 3,575'. NO SHOWS. Surveys: 1° @ 2,664'; 0° @ 2,987'; ½° @ 3,263'.

DC: $29,152 CUM: $180,331
DMC: $ 259 CMC: $ 3,629

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave., Pkwy., Ste. 604, Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL; 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: BELCHER

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33,T2S, R4W, USM

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]
(Other)			[ ]

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(Other) Monthly Operations			[X]

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8-1-84 – 8-16-84 – Drill to 10,000'.

8-17-84 – 8-18-84 – Run electric logs.

8-19-84 – 8-20-84 – Run and cement 91 jts. 7", 32#, N-80, 8rd, LT&C, 66 jts. 7", 29#, N-80, 8rd, LT&C, 2 jts. 7", 26#, N-80, 8rd, and 83 jts. 7", 26#, N-80 butress casing with 860 sxs. Lite, tailed with 200 sxs. Class "G".

8-21-84 – 8-31-84 – Drill to 11,545'.

(SEE ATTACHMENT FOR DETAILS.)

18. I hereby certify that the foregoing is true and correct

SIGNED John W. Clark TITLE Vice President DATE 12/3/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

8-21-84 10,020' Day 32; Drilling, made 20' in 2½ hrs. MW 9.4, Vis 40, WL 16 Cake 2, PH 10.5. Remarks: Pick up kelly bushing, strap and caliper bottom hole assembly, rig up pick up machine, pick up bottom hole assembly and drill pipe, strap drill pipe, pick up drill pipe strap drill pipe pick up drill pipe, strap drill pipe and wait on slips, pick up 3.5" drill pipe, drill cement from 9,917', test casing @ 1700 psi for 15 mins, drill cement and shoe, drill formation to 10,020', Circulate bottoms up. NO SHOWS.
DC: $11,537 CUM: $649,693
DMC: $ 0 CMC: $ 44,437

8-22-84 10,255' Day 33; Drilling, made 235' in 14'. MW 9.5, Vis 45, WL 20, Cake 2, PH 8. Remarks: Circulate bottoms up, test formation @ 1700 psi, 12.6+ mud weight. Pull out of hole for bit #9, Lay down and clean junk subs, Pick up bottom hole assembly, trip in hole and wash bottom good, drilling at 10,255'. SHOW #21; 10,070-094'; Drilling Rate: Before 4.5 mins., During 1 min., After 5 mins. Formation Gas: Before 20 mins., During 1400 mins., After 300 mins. No fluoresence, no cut, no oil. BGG: 20 units, CG: 400 units; TG: 900 units.
DC: $31,154 CUM: $680,847
DMC: $ 0 CMC: $ 44,437

8-23-84 10,595' Day 34; Drilling, made 340' in 24 hrs. MW 10.5, Vis 44, WL 16, Cake 2, PH 9.5. Remarks: Drilling at 10,595'. No hole problems. SHOW #22; 10,307-14'; Drilling Rate: Before 2 mins., During 2.5 mins., After 3 mins. Formation Gas: Before 15 units, During 400 units, After 30 units. No fluoresence or cut. BGG: 15-25 units; CG: 500-1000 units.
DC: $10,191 CUM: $691,038
DMC: $ 1,699 CMC: $ 46,136

8-24-84 10,770' Day 35; Drilling, made 175' in 23½ hrs. MW 10.5, Vis 45, WL 9.6, Cake 2, PH 11.5. REmarks: Drilling at 10,770', with no hole problems. NO SHOWS. BGG: 35 units; CG: 500-1000 units.
DC: $11,620 CUM: $702,658
DMC: $ 2,411 CMC: $ 48,547

8-25-84 10,933' Day 36; Drilling, made 163' in 12-3/4 hrs. MW 10.5, Vis 45, WL 9.6, Cake 2, PH 11.5. Remarks: Drill, drop ball and circulate to clean bit, drilling to 10,933', rig repair. SHOW #23; 10,771-79'; Drilling Rate: Before 8 mins., During 23 mins., After 6 mins. Formation Gas: Before 20 units, During 450 units, After 200 units. No fluoresence or cut. BGG: 200 units; CG: 360-1000 units.
DC: $10,137 CUM: $712,795
DMC: $ 1,672 CMC: $ 50,219

8-26-84 11,008' Day 37; Drilling, made 75' in 6½ hrs. MW 10.8, Vis 42, WL 9.4, Cake 2, PH 9.5. Remarks: Repair bearing on input shaft, Drilling at 11,008'. No hole problems, NO SHOWS. BGG: 35 units; CG: 1000-500 units.
DC: $15,652 CUM: $728,447
DMC: $ 6,017 CMC: $ 56,236

8-27-84 11,266' Day 38; Drilling, made 258' in 23½ hrs. MW 11.2, Vis 47, WL 10, Cake 2, PH 11.5. Remarks: Drilling to 11,266'. SHOW #24; 11,058-68'; Drilling Rate: Before 6 mins., During 3 mins., After 5 mins. Formation Gas: Before 30 units, During 70 units, After 40 units. Trace of green oil, 5% fluoresence, weak cut. BGG: 35 units; CG: 370-600 units.
DC: $14,799 CUM: $743,246
DMC: $ 6,367 CMC: $ 62,603

8-15-84 cont'd black oil. Survey: 2½° @ 9,864'. BGG: 10-30 units; CG: 50-900 units.
DC: $11,630 CUM: $410,609
DMC: $ 2,329 CMC: $ 29,594

8-16-84 10,000' Day 27; Drilling, made43' in 2½ hrs. MW 9.3, Vis 49, WL 12, Cake 2, PH 10.5. Remarks: Drilling, to 10,000'. Pump sweep. Circulate hole, raise mud weight to 9,30. Short trip 25 stands. no tight spots or fill. Circulate and condition hole for logs. Come out of hole and SLM for logs. Rig up Schlumberger and run DIL, SD-GR- 1st run good. Run #2, SDC CNLGR Caliper. Go in hole, tag bridge at 7400'. Chased bridge down hole to 9200'. Logs wouldn't go past 9200'. Pulled wire line. Trip in hole to clean out bridge. SHOW #19; 9,936-60'; Drilling Rate: Before 6 mins., During 3 mins., After 5 mins. Formation Gas: Before 10 units, During 60 units, After 40 units. Dull gold fluoresence, weak cut no oil. SHOW #20; 9,972-96'; Drilling Rate: Before 5 mins., During 2 mins., After 4 mins. Formation Gas: Before 40 units, During 230 units, After 40 units. Dull gold fluoresence, weak cut, no oil. BGG: 300 units; CG: 140 units; TG: 250 units. Survey: 3¼° @ 10,000'.
DC: $5,132 CUM: $415,741
DMC: $2,065 CMC: $ 31,659

8-17-84 10,000' Day 28; MW 9.4, Vis 47, WL 12, Cake 2, PH 10.5. Remarks: Trip in hole to wash out bridges, wash 25' to bottom. Circulate and condition hole for logs, come out of hole to surface pipe, Rig up Schlumberger and log, Rig down Schlumberger, lay down bottom hole assembly, trip in hole, wash 40' to bottom, circulate and condition hole for laying down drill pipe. NO SHOWS. TG: 1350 units.
DC: $30,021 CUM: $445,762
DMC: $ 1,849 CMC: $ 33,508

8-18-84 10,000' Day 29; MW 9.4, Vis 40, WL 16, Cake 2, PH 10.5. Remarks: Lost circulation, Mix LCM and pump, lost approx 600 bbls mud, Circulate bottoms up, lay down 5" drill pipe and drill collars, break kelly and pull wear bushing, rig up casing crew, pick up shoe joint and shoe. Wait on shoe. NO SHOWS. TG: 1350 units.
DC: $149,351 CUM: $595,113
DMC: $ 5,416 CMC: $ 38,924

8-19-84 10,000' Day 30; MW 9.4, Vis 40, WL 16, Cake 2, PH 10.5. Remarks: Wait on shoe, make up shoe and run a total of 242 joints of 7" casing for a total length of 10,013.14'. 91 joints 32# N80 LT&C 8 round, length of 32# casing 3,591.44, 66 joints of 29# N 80 LT&C 8 round, length of 29# casing 2,883.67, 2 joints of 26# N80 8 round, length of 26# casing 85.56, 83 joints of 26# N80 butress casing, length of 26# butress casing is 3,452.47', casing landed at 9,997.98', Rig up Dowell, break circulation and wash 28' to bottom. Circulate bottoms up. Cement with 860 sacks of lightweight 3 with 10# per sack D42 10% salt (BWOW) .25# per sack D29, .15% D120, tail with 200 sacks class G with plug at 1700/2200 psi, bleed back 2 Bbls, float heald, Plug down at 9:45 PM 70-80% returns thru cement job. Wait on cement. NO SHOWS. TG: 900 units.
DC: $32,732 CUM: $627,845
DMC: $ 5,313 CMC: $ 44,437

8-20-84 10,000' Day 31; MW 9.4, Vis 40, WL 16, Cake, PH 10.5. Remarks: Nipple down BOP's, set slips with 200,000# set down on casing, nipple up BOP's and change out 5" rams to 3.5" rams, Pick up 4.25 Hex kelly, test BOP's all rams to 5,000 psi, Hydril to 3,500 psi, all surface equipment to 5,000 psi all heald. Prepairing to pick up 3.5" drill pipe. NO SHOWS.
DC: $10,311 CMC: $638,156
DMC: $ 0 CMC: $ 44,437

8-10-84 cont'd

crack in drill collar and let cool, magnaflux drill collar. Layed down 3 drill collars, put new belts on air compressor and fix leaks, trip in hole, break circulation and wash to bottom from 8,539', 4' of fill, drilling at 8,796', Had tight connections at 8,747' and 8,778'. #2 pump down. NO SHOWS. Survey: 2° @ 8,630'. BGG: 5 units; CG: 10 units; TG: 700 units.
DC: $4,910 CUM: $364,435
DMC: $ 176 CMC: $ 23,306

8-11-84 8,995'

Day 22; Drilling, made 199' in 18 hrs. MW 9.0, Vis 40, WL 26, Cake 3, PH 10. Remarks: Drill, repair pumps, drill, survey, drilling, rig service, drilling at 8,995'. NO SHOWS. Survey: 1° @ 8,933'. BGG: 5-10 units; CG: 20 units; TG: 700 units.
DC: $8,186 CUM: $372,621
DMC: $1,083 CMC: $ 24,389

8-12-84 9,232'

Day 23; Drilling, made 237' in 23½ hrs. MW 8.7, Vis 46, WL 36, Cake 3, PH 9.5. Remarks: Drilling, Rig service. Drilling at 9,232'. SHOW #10; 9,072-86; DRilling Rate: Before 4.5 mins., During 2 mins., After 4 mins. Formation Gas: Before 5 units, During 60 units, After 5 units. No oil, fluoresence or cut. SHOW #11; 9,144-54'; Drilling RAte: Before 4.5 mins., During 2.5 mins., After 4.5 mins. Formation Gas: Before 5 units, During 90 units, After 20 units. No oil, fluoresence or cut. BGG: 25 units; CG: 50 units.
DC: $8,628 CUM: $381,249
DMC: $ 452 CMC: $ 24,841

8-13-84 9,450'

Day 24; Drilling, made 218' in 23 hrs. MW 8.8, Vis 47, WL 32, Cake 3, PH 11. Remarks: Drilling, Rig service, Drilling, survey, drilling at 9,450', no hole problems. SHOW #12; 9,245-70' Drilling Rate: Before 7.5 mins., During 4 mins., After 5.5 mins. Formation Gas: Before 40 units, During 140 units, After 100 units No oil, fluoresence, or cut. Increase in gas. SHOW #13; 9,280-88'; Drilling Rate: Before 6 mins., During 5.5 mins., After 6 mins. Formation Gas: Before 100 units, During 200 units, After 80 units. No oil, fluoresnece, or cut. Increase in gas. SHOW #14; 9,301-13'; Drilling Rate: Before 6 mins., During 5.5 mins., After 6 mins. Formation Gas: Before 80 units, During 150 units, After 120 units. 5% dull gold fluoresence, weak cut, fair blackish-brown oil. SHOW #15; 9,314-19'; Drilling Rate: Before 6 mins., During 5 mins., After 6 mins. Formation Gas: Before 120 units, During 300 units, After 200 units. 5% dull gold fluoresence, weak cut, fair blackish-brown oil. Survey: 2¼° @ 9,368'. BGG: 20-150 units; CG: 200-500 units.
DC: $7,767 CUM: $389,016
DMC: $ 310 CMC: $ 25,151

8-14-84 9,675'

Day 25; Drilling, made 225' in 22½ hrs. MW 8.8, Vis 46, WL 46, Cake 3, PH 10. Remarks: Drill, rig service, try to install rotating head, would not go. Drill, install rotating head. Drilling at 9,675'. SHOW #16; 9,566-82'; Drilling Rate: Before 5 mins., During 7 mins., After 5 mins. Formation Gas: Before 10 units, During 250 units, After 30 units. Trace of dull gold fluoresence, trace of cut, trace of dark brown oil. SHOW #17; 9,586-94'; Drilling RAte: Before 6 mins., During 4 mins., After 5 mins. Formation Gas: Before 30 units, During 200 units After 60 units. Trace of dull gold fluoresence, trace cut, trac of dark brown oil. BGG: 50 units; CG: 550-300 units.
DC: $9,963 CUM: $398,979
DMC: $2,114 CMC: $ 27,265

8-15-84 9,957'

Day 26; Drilling, made 282' in 23¾ hrs. MW 9.0, Vis 44, WL 15, Cake 2, PH 10. Remarks: Drill, Survey, Drilling at 9,957'. no problems. SHOW #18; 9,820-931'; Drilling Rate: Before 5 mi During 1.5 mins., After 4.5 mins. Formation Gas: Before 20 uni During 50 units, After 15 units. 10% fluoresence, no cut, fair

(CONT'D ON NEXT PAGE)

8-3-84 7,275' Day 14; Drilling, made 75' in 3½ hrs. MW 8.8, Vis 31. Remarks: Wash and ream 6,650' to 7,200'. Drilling to 7,275', let suction tank run out of water, drill 5 mins. without fluid, try to pick up, pipie was stuck, work stuck pipe, work to 7,165', work free, wash down to 7,240'. SHOW #6; 7,028-42'; Drilling Rate: Before 2 mins., During 1.5 mins., After 2 mins. Formation Gas: Before 30 units, During 200 units, After 60 units. BGG: 150-200 units; CG: 350-475 units.
DC: $4,111 CUM: $292,645
DMC: $ 612 CMC: $ 8,571

8-4-84 7,701' Day 15; Drilling, made 426' in 20-3/4 hrs. MW 8.7, Vis 31, PH 12.5. Remarks: Drilling to 7,482', work tight connection 7,450-7,482'. Drilling at 7,701'. NO SHOWS. Survey: 3/4° @ 7,542'. BGG: 10 units.
DC: $22,582 CMC: $315,227
DMC: $ 9,907 CMC: $ 18,478

8-5-84 8,124' Day 16; Drilling, made 423' in 20½ hrs. MW 8.7, Vis 35, WL 25, Cake 3, PH 12.5. Remarks: Drilling to 7,750', work tight connection 7,700' to 7,750', drilling at 8,124', close pits in and mud up. SHOW #9; 7,658-72'; Drilling Rate: Before 2 mins., During 1 min., After 2 mins. Formation Gas: Before 15 units, During 300 units, After 20 units. Trace cut, 5% fluoresence, trace of brown-black oil. Survey: 1° @ 8,002'. BGG: 10-15 units, CG: 20-45 units.
DC: $19,522 CUM: $334,749
DMC: $ 2,480 CMC: $ 18,478

8-6-84 8,409' Day 17; Drilling, made 285' in 19 hrs. MW 8.8, Vis 38, WL 19.5, Cake 3, PH 11.5. Remarks: Drilling to 8,338', repair clutch #1 pump, repair header #2 pump, drilling at 8,409'. NO SHOWS. Survey: 1° @ 8,354'. BGG: 10 units; CG: 20 units.
DC: $10,102 CUM: $344,851
DMC: $ 1,143 CMC: $ 22,101

8-7-84 8,423' Day 18; Drilling, made 14' in 1½ hrs. MW 8.8, Vis 38, WL 19, Cake 3, PH 11. Remarks: Drilling to 8,423', input shaft bearing went out, make repairs on same. NO SHOWS. BGG: 10 units; CG: 15-20 units.
DC: $2,960 CUM: $347,811
DMC: $ 387 CMC: $ 22,488

8-8-84 8,626' Day 19; Drilling, made 203' in 17½ hrs. MW 8.8, Vis 35, WL 19, Cake 3, PH 11. Remarks: Repair input shaft bearing, drill, rig service, drill, repair section valve retainer guide, drill repair suction valve retainer guide, drilling at 8,626'. NO SHOWS. BGG: 5-10 units; CG: 10-15 units.
DC: $7,283 CUM: $355,094
DMC: $ 226 CMC: $ 22,714

8-9-84 8,685' Day 20; Drilling, made 61' in 9 hrs. MW 9.0, Vis 37, WL 20, Cake 3, PH 11. Remarks: Pump soft line checking for hole in drill pipe, drill, Pull out of hole looking for hole in drill pipe. (never found hole), check BOP's and make up bit, trip in hole, cut drill line, rig service, Trip in hole tagged bridge at 7,358', Wash and Ream thru bridge from 7,358' - 7,572', Trip in hole to 8,274', (tagged bridge), Wash and ream from 8,274' - 8,628', Drill, work on pump and pump soft line and check for hole, drill, survey, drilling at 8,685'. NO SHOWS. BGG: 5-10 units; CG: 15 units; TG: 375 units.
DC: $4,431 CUM: $359,525
DMC: $ 416 CMC: $ 23,130

8-10-84 8,796' Day 21; Drilling, made 111' in 11½ hrs. MW 9, Vis 34, WL 32, Cake 2, PH 10. Remarks: Drill, Pull out of hole, looking for hole in pipe. Found hole in drill collar, magnafluxer, weld
(CONT'D ON NEXT PAGE)

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave., Pkwy., Ste. 604, Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL, 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: BELCHER

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly Operations			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-1-84 / 9-6-84 - Drill to TD @ 12,254' (SLM).

9-7-84 / 9-10-84 - Run and cement 54 jts. 5", 18#, P-110, FJP casing with 220 sxs. Class "G". Drill cement.

9-11-84 - Release rig @ 12 p.m. 9/10/84.

9-12-84 / 9-30-84 - WOCU.

(SEE ATTACHMENT FOR DETAILS.)

18. I hereby certify that the foregoing is true and correct

SIGNED John W. Clark TITLE Vice President DATE 12/3/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

9-7-84	cont'd	Day 49; BOT landing collar, 54 joints 5", 18#, P-110, FJP casing with BOT type "C" modified liner hanger with CPH packer. Total liner length 2,452.85'. Trip in hole with liner. BGG: 100 units; TRIP GAS: 2800 units. DC: $55,107 CUM: $943,634 DMC: $12,558 CMC: $101,436
9-8-84	12,254'	Day 50; Trip in hole with liner. Circulate casing. Set slips on liner hanger. Set liner @ 12,254'. Top of liner hanger @ 9,801', 197' liner overlap. Finish circulating out gas. Cement with 15 barrels spacer 3000, 10 barrels chemical wash 100, 220 sacks Class "G" cement with 35% Silica Flour D-30, 10% Salt (BWOW), 1.3% D-60, .3% D-13 retarder. Displaced with 10 barrels water, then 104 barrels mud. Bumped plug @ 1500/2000 psi @ 10:50 a.m. 9/7/84. Bled back 3/4 barrel, floats held. Good lift and returns throughout job. Set packer on liner hanger. Pull out of hole with tools. Lay down cementing head and Dowell tools. Pull out of hole, wait on cement. TRIP GAS: 1600-2000 units. DC: $27,651 CUM: $971,285 DMC: $ -0- CMC: $101,436
9-9-84	9,807'	Day 51; Drilling cement, made 686'. MW 8.6, Vis 28. Remarks: Wait on cement. Pick up bottom hole assembly and trip in hole to 6,447'. Displaced mud out of hole. Trip in hole, displace mud out of hole @ 7,847', trip in hole, displace mud out of hole @ 9,034'. Trip in hole to 9,121', tagged cement. Drill cement from 9,121-9,807'. Tagged liner top @ 9,807'. Circulate bottoms up. Clean suction pit, displace hole with fresh water. Displacement gas on top of cement 450 units. Bottoms up gas after drilling cement 50 units. Displace reserve pit water with fresh water. Water gas 5 units. DC: $9,060 CUM: $980,345 DMC: $ -0- CMC: $101,436
9-10-84	12,251'	Day 52; Displace hole with fresh water. Pressure test casing to 2600 psi for 15 mins., held ok. Lay down 3½" drill pipe. Trip in hole with drill collars, heavy weight drill pipe and drill pipe. Pick up tongs, break kelly and lay down tongs. Lay down 3½" drill pipe and 4-3/4" drill collars. Load out all rental tools, change out 3.5" rams to 5" rams. Nipple down BOP's, make final cut on 7" casing. Set on tubing head. DC: $18,109 CUM: $998,454 DMC: $ -0- CMC: $101,436
9-11-84	12,251'	Day 53; Nipple up tubing head, pressure test to 5000 psi for 15 mins., held ok. Nipple up production tree. Rig down rotary tools. RELEASED RIG @ 12 p.m. 9/10/84. DC: $10,130 CUM: $1,008,584 DMC: $ -0- CMC: $ 101,436
9-12-84		RDMORT. WOCU. Drop from report until acitivty resumes.

9-3-84 11,851' Day 45; Drilling, made 98' in 14 hrs. MW 13.0, Vis 50, WL 9.8, Cake 2, PH 10.5. Remarks: Circulate and raise MW to control background gas. Pull out of hole for bit #11. Dress bit and check bottom hole assembly. Trip in hole, break circulation. Trip in hole, drilling. SHOW #31: 11,826-38'; Drilling Rate: Before 7 mins., During 4 mins., After 8 mins. Formation Gas: Before 150 units, During 2250 units, After 900 units. Trace light green oil, trace fluoresence, trace cut. BGG: 700 units; CG: 800-2600 units; TRIP GAS: 2600 units - through buster.
DC: $22,806 CUM: $828,323
DMC: $ 1,422 CMC: $ 72,615

9-4-84 12,002' Day 46; Drilling, made 151' in 18½ hrs. MW 13.0, Vis 50, WL 9, Cake 2, PH 10. Remarks: Drilling. SHOW #32: 11,876-92'; Drilling Rate: Before 8 mins., During 5.5 mins., After 10 mins. Formation Gas: Before 150 units, During 350 units, After 125 units. No fluoresence or cut, fair amount of green oil. SHOW #33: 11,899-905'; Drilling Rate: Before 10 mins., During 12 mins., After 5.5 mins. Formation Gas: Before 125 units, During 900 units, After 500 units. No cut or fluoresence or oil. SHOW #34: 11,977-82'; Drilling Rate: Before 6 mins., During 4 mins., After 6.5 mins. Formation Gas: Before 500 units, During 1000 units, After 900 units. No oil, cut or fluoresence. BGG: 900 units; CG: 1300 units.
DC: $9,167 CUM: $837,490
DMC: $ 675 CMC: $ 73,290

9-5-84 12,222' Day 47; Drilling, made 220' in 23 hrs. MW 12.9, Vis 52, WL 16, Cake 3, PH 12.5. Remarks: Drilling. SHOW #35: 12,056-62'; Drilling Rate: Before 5.5 mins., During 4 mins., After 6.5 mins. Formation Gas: Before 400 units, During 900 units, After 600 units. No oil, cut or fluoresence. SHOW #36: 12,082-99'; Drilling Rate: Before 6 mins., During 2 mins., After 8 mins. Formation Gas: Before 400 units, During 800 units, After 700 units. No oil, fluoresence or cut. SHOW #37: 12,110-24'; Drilling Rate: Before 8 mins., During 4.5 mins., After 8.5 mins. Formation Gas: Before 600 units, During 900 units, After 400 units. No oil, cut or fluoresence. BGG: 600 units; CG: 800 units. All gas readings through buster.
DC: $23,833 CUM: $861,323
DMC: $12,993 CMC: $ 86,283

9-6-84 12,250' Day 48; Drilling, made 28' in 3 hrs. MW 13.4, Vis 52, WL 16, Cake 3, PH 12.5. Remarks: Drilling. Repair oiler hose on compound. Drilling. Circulate and raise MW to control background gas. Short trip 20 stands. Circulate for logs. Pull out of hole to log. Come out of hole to casing. Rig up Schlumberger, run electric logs. SLM on trip out of hole, 12,254.57', no correction. Wireline TD @ 12,250'. SHOW #38: 12,244-50'; Drilling Rate: Before 8 mins., During 3.5 mins., After 3.5 mins. Formation Gas: Before 400 units, During 850 units, After 650 units. No oil, cut or fluoresence. BGG: 100 units; CG: 800 units; TRIP GAS: 1100 units.
DC: $27,204 CUM: $888,527
DMC: $ -0- CMC: $ 86,283

9-7-84 12,254' Day 49; Trip in hole with liner. MW 13.4, Vis 58, WL 8.8, Cake 2, PH 10.5. Remarks: Rig down Schlumberger. Lay down bottom hole assembly. Trip in hole. Circulate and condition hole to run casing. (Trip gas before going through gas buster 2800 units.) Pull out of hole to run casing. (Come out of hole to casing.) Rig up casing crew and pick up machine. Run Baker side jet differential fill shoe, 1 joint 5" casing, Baker differential fill float collar,

(CONTINUED ON NEXT PAGE.)

8-28-84	11,343'	Day 39; Drilling, made 77' in 17½ hrs. MW 11.2, Vis 52, WL 10.4, Cake 2, PH 12. Remarks: Drilling to 11,343'. Circulate and condition to trip. Pull out of hole. SHOW #25; 11,249-260'; Drilling Rate: Before 5 mins., During 3.5 mins., After 7 mins. Formation Gas: Before 40 units, During 1000 units, After 120 units. Trace green oil, no fluoresence, no cut. BGG: 30-40 units; CG: 1200-300 units. DC: $9,733 CUM: $752,979 DMC: $1,241 CMC: $ 65,085
8-29-84	11,343'	Day 29; MW 11.2, Vis 47, WL 10.8, Cake 2, PH 12. Remarks: Trip in hole, cut drilling line. Trip in hole to 189' off bottom @ 11,154'. Input shaft bearing on drawworks out, repair shaft. NO SHOWS. BGG: 40 units; TG: 2500 units. DC: $9,540 CUM: $762,519 DMC: $1,108 CMC: $ 66,193
8-30-84	11,343'	Day 30; MW 11.1, Vis 46, WL 11.2, PH 10. Remarks: Repair input shaft, pipe free. DC: $2,952 CUM: $765,471 DMC: $ 100 CMC: $ 66,293
8-31-84	11,545'	Day 31; Drilling, made 202' in 19½ hrs. MW 11.4, Vis 46, WL 11.4, PH 10. Remarks: Repair input shaft, pipe free. Wash 130' to bottom. Drilling. SHOW #26: 11,351-70'; Drilling Rate: Before 6.5 mins., During 3 mins., After 5 mins. Formation Gas: Before 40 units, During 3000 units, After 1800 units. Fair amount of green oil, no cut or fluoresence. SHOW #27: 11,462-73'; Drilling Rate: Before 8 mins., During 3.5 mins., After 5.5 mins. Formation Gas: Before 600 units, During 2500 units, After 1500 units. Fair amount of green oil, no cut or fluoresence. BGG: 1000 units - through gas buster; CG: 2900 units - through gas buster. DC: $18,256 CUM: $783,727 DMC: $ 74 CMC: $ 66,367
9-1-84	11,695'	Day 43; Drilling, made 150' in 23½ hrs. MW 12.1/11.5, Vis 53, WL 14, Cake 2, PH 11.5. Remarks: Drilling. Raised MW from 11.5 ppg to 12.1 ppg to control background gas. All gas readings through buster. SHOW #28: 11,636-50'; Drilling Rate: Before 18 mins., During 10.5 mins., After 15 mins. Formation Gas: Before 700 units, During 1100 units, After 800 units. Trace light green oil, no fluoresence or cut. BGG: 700 units, CG: 1400 units. DC: $10,079 CUM: $793,806 DMC: $ 1,607 CMC: $ 67,974
9-2-84	11,753'	Day 44; Drilling, made 58' in 15½ hrs. MW 13.1/12.5, Vis 53, WL 12.8, Cake 2, PH 11.5. Remarks: Drilling. Circulate and raise MW to kill background gas. Prepare to pull out of hole for new bit. SHOW #29: 11,703-12'; Drilling Rate: Before 6 mins., During 3 mins., After 24 mins. Formation Gas: Before 700 units, During 1400 units, After 1100 units. No cut or fluoresence, trace green oil. SHOW #30: 11,730-38'; Drilling Rate: Before 19 mins., During 9 mins., After 26 mins. Formation Gas: Before 1100 units, During 1350 units, After 1200 units. No cut or fluoresence, trace green oil. BGG: 2000-400 units; CG: 1600 units. DC: $11,711 CUM: $805,517 DMC: $ 3,219 CMC: $ 71,193

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave., Pkwy., Ste. 604, Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL, 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: BELCHER

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly Operations			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-1-84
10-26-84 - WOCU.

10-27-84
10-31-84 - Complete Lower Wasatch Formation.

(SEE ATTACHMENT FOR DETAILS.)

18. I hereby certify that the foregoing is true and correct

SIGNED John W. Clark TITLE Vice President DATE 12/3/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave., Pkwy., Ste. 604, Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL; 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: BELCHER

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly Operations			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-1-84
11-9-84 - Finish completing Lower Wasatch Formation.

11-10-84 - POP.

(SEE ATTACHMENT FOR DETAILS.)

18. I hereby certify that the foregoing is true and correct

SIGNED John W. Clark TITLE Vice President DATE 12/3/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

11-6-84 cont'd hole with 316 joints of 2 7/8" 6.50# N-80 EUE 8 rd tubing. Install backpressure valve. Set packer at 10,107' and hang off with 12,000 lbs compression. Test packer and casing to 3000 psi. Change over to 1.900" equipment. Shut down for night.
DC: $53,300 CUM: $77,800

11-7-84 Day 9; No pressure on backside. Pick up and run in hole with 154 joints of 1.900" heat string, bottom joint mule shoed. Land heat string at 4928'. Displace heat string with fresh water. Nipple down BOP. Install well head. Lubricate out BP valve. Hook up flow lines. 500 psi on well, flowed 1 barrel to burn pit. Well dead. Rig up swab equipment. Made 7 runs pulling fluid to 7200' recovering 42 barrels of gas cut fluid. Shut down for night.
DC: $5,300 CUM: $83,100

11-8-84 Day 10; Rig down service unit.
DC: $400 CUM: $83,500

11-9-84 Move in rig up Dowell to acidize Wasatch perforations from 11,200-12,126' with 25,000 gals. 15% HCl containing 8 gpm A200. Install tree saver. Test lines to 10000 psi. Hold safety meeting. Start down hole with acid @ 10:03 a.m. dropping 300 balls throughout. Pump 593 barrels acid, switch to flush @ 10:55 a.m. Flush to bottom perforation with 94 barrels formation water. Good ball action throughout job. No ball out. Finish flush @ 11:05 a.m. Rig down Dowell. Average rate 10 bpm, maximum rate 10 bpm. Average pressure 8000 psi, maximum pressure 9100 psi. Instant shut in pressure 4800 psi, 5 min., 4700 psi, 10 min. 4680 psi, 15 min. 4660 psi. Opened well to pit @ 12:20 p.m. with 4100 psi wellhead pressure. Turned to treater @ 1:30 p.m. Flow 16 hrs. on 21/64" choke, 735 BO, -503 BW, 1413 MCF @ 2500 psi.
DC: $27,700 CUM: $111,200

11-10-84 Flow 24 hrs. on 17/64" choke, 741 BO, 34 BW, 499 MCF @ 2350 psi.

11-11-84 Flow 24 hrs. on 17/64" choke, 511 BO, 2 BW, 723 MCF @ 1950 psi.

11-12-84 Flow 24 hrs. on 16/64" choke, 591 BO, 22 BW, 404 MCF @ 1700 psi.

11-13-84 Flow 24 hrs. on 14/64" choke, 157 BO, 0 BW, 468 MCF @ 2100 psi.

11-14-84 Flow 24 hrs. on 17/64" choke, 200 BO, 0 BW, 134 MCF @ 2200 psi.

11-15-84 Flow 24 hrs. on 17/64" choke, 586 BO, 9 BW, 777 MCF @ 1700 psi.

11-16-84 Flow 24 hrs. on 17/64" choke, 524 BO, 15 BW, 479 MCF @ 1600 psi.

11-17-84 Flow 24 hrs. on 17/64" choke, 305 BO, 20 BW, 327 MCF @ 1550 psi.

11-18-84 Flow 24 hrs. on 17/64" choke, 165 BO, 15 BW, 472 MCF @ 1800 psi.

11-19-84 Flow 24 hrs. on 17/64" choke, 256 BO, 54 BW, 293 MCF @ 1300 psi.

11-20-84 Flow 24 hrs. on 21/64" choke, 344 BO, 325 BW, 335 MCF @ 800 psi.

11-21-84 Flow 24 hrs. on 21/64" choke, 291 BO, 346 BW, 356 MCF @ 700 psi.

11-22-84 Flow 24 hrs. on 21/64" choke, 263 BO, 249 BW, 356 MCF @ 700 psi.

11-23-84 Flow 24 hrs. on 21/64" choke, 231 BO, 249 BW, 256 MCF @ 700 psi.

11-24-84 Flow 24 hrs. on 21/64" choke, 225 BO, 299 BW, 251 MCF @ 550 psi.

11-25-84 Flow 24 hrs. on 21/64" choke, 228 BO, 230 BW, 251 MCF @ 600 psi.

Form OGC-3

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

56 64 01 5

RECEIVED
DEC 07 1984
DIVISION OF OIL, GAS & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: 7979 E. Tufts Ave., Pkwy., Ste. 604, Denver, CO 80237

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1085' FWL, 2348' FNL (SWNW)
At top prod. interval reported below SAME
At total depth SAME

5. LEASE DESIGNATION AND SERIAL NO.: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT AGREEMENT NAME: NA
8. FARM OR LEASE NAME: BELCHER
9. WELL NO.: 2-33B4
10. FIELD AND POOL, OR WILDCAT: Altamont
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-30907	2/9/84	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7/21/84	9/6/84	11/9/84	6179' GR	SAME

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
12,254'	12,211'		→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
12,126'-11,200' Wasatch

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL, FDC, GR, CAL, SP, DIL
7-10-95 PIPE ANALYSIS LOG

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	2,525'	12¼"	870 sxs. Lite, 200 sxs. "G"	
7"	32#, 29#, 26#	9,997'	8-3/4"	860 sxs. Lite, 200 sxs. "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	9,801'	12,254'	220	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10,107'	10,107'

31. PERFORATION RECORD (*Interval, size and number*)
SEE ATTACHMENT.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,126-11,200'	25,000 gals. 15% HCl

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
11/10/84	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/10/84	24	17/64"	→	741	499	34	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2350	-0-	→	741	499	34	46

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Sold

TEST WITNESSED BY: E. B. Whicker

35. LIST OF ATTACHMENTS
Perforation record.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED John W. Clark TITLE Vice President DATE 12/3/84

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
None.			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Green River	7,674'	
Wasatch	9,039'	

10-27-84 Day1; Move in rig up WOWSCO Rig #26. Nipple down well head. Nipple up BOP. Pick up 4 1/8" Mill, cross over, 1 joint, cross over, scraper, cross over, Baker Test Sub. and 184 joints of 2.875" tubing to 5685'. Shut down for night.
DC: $3,150 CUM: $3,150

10-28-84 Day 2; Pick up and run in hole with 121 joints of 2.875" tubing and 15'. Tag cement at 9814'. Rig up power swivel. Nipple up stripper head. Mill 7' cement, baffle and 5' cement. Fell free 20'. Hung up at 9846' unable to go in hole. Rig down power swivel. Nipple down stripper head. Pull out of hole with 306 joints tubing. BTS, cross over, scraper, cross over, 1 joint, cross over, and 4 1/8" mill. Mill plugged. Shut down for night.
DC: $3,400 CUM: $6,550

10-29-84 Shut down for Sunday.

10-30-84 Day 3; Pick up 4 1/8" mill, scraper, cross over, BTS, and run in hole with 307 joints and 15' tag junk at 9846'. Rig up power swivel. Nipple up stripper head. Mill down 35' to 9881'. Mill plugging off. Circulate bottoms up. Pull up 30'. Shut down for night.
DC: $2,950 CUM: $9,500

10-31-84 Day 4; Mill down 11' and 16 joints to 10388'. Fell free. Run in hole with 51 joints tubinh and 6' to 11988'. Tag cement. Displace mud out. Mill down 25' to 12013'. Circulate bottoms up. Shut down for night.
DC: $3,100 CUM: $12,600

11-1-84 Day 5; Mill 143' to wiper plug. Mill plut & 55' cement to 12,211'. Tag float collar. Circulate bottoms up. (Total of 383 joints and 7' of tubing in hole.) Clean flat tank. Shut down for night.
DC: $3,000 CUM: $15,600

11-2-84 Day 6; Displace hole with 400 barrels of 10# brine. Rig down power swivel. Nipple down stripper head. Test casing to 3500#, held 10 min. Bled off. Pull out of hole and lay down 38 joints, Drop ball. Pump ball down. Test tubing to 5000#, held 5 min. Circulate ball out. Pull out of hole with 345 joints. BTS, cross over, scraper, & 4 1/8" mill. Test blind rams to 3500#. Shut down for night.
DC: $2,700 CUM: $18,300

11-3-84 Day 7; Move in rig up Oil Well Perforators. Run Bond-CCL logs from PBTD 12,196' WLM to 6000'. Rig down Oil Well Perforators. Shut down for night.
DC: $6,200 CUM: $24,500

11-4-84 Shut down for weekend

11-5-84 Shut down for Sunday

11-6-84 Day 8; Test blind rams and casing to 3500 psi. Rig up Oil Well Perforators. Test lubricator and casing to 3500 psi. Run in hole and perforate the following DIL-GR intervals with 3 1/8" casing gun shooting 3 JSPF phased 120 degrees. Run #1. 12126, 12098, 12094, 12091, 12059, 12000, 11983, 11957, 11918, 11916, 11910, 11894, 11892, 11888, 11854, 11836, 11830, 11813, 11789. Pressure start = 0 psi. Pressure end = 0 psi. Run #2. 11783, 11780, 11770, 11737, 11722, 11711, 11704, 11693, 11676, 11669, 11616, 11610, 11593, 11577, 11573, 11555, 11534, 11521, 11508, 11483, 11476. Pressure start = 0 psi. Pressure end = 0 psi. Run #3, 11458, 11436, 11426, 11397, 11385, 11370, 11360, 11344, 11332, 11320, 11312, 11293, 11280, 11273, 11264, 11258, 11247, 11227, 11223, 11207, 11200. Pressure start = 0 psi. Pressure end = 0 psi. Rig down Oil Well Perforators. Pick up Baker 5" 18# R-3 double grip packer and run in

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
SEP 26 1985
DIVISION OF OIL GAS & MINING

1. OIL WELL [XX] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: P.O. BOX 1327, ROOSEVELT, UTAH 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL, 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: BELCHER

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)	[ ]			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-8-84 Acidize Wasatch perforation from 11200'-12126' with 25,000 gals. 15% HCl.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division Engineering DATE 9/25/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 08 1985
DIVISION OF OIL
GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: LINMAR ENERGY CORPORATION

3. ADDRESS OF OPERATOR: P.O. BOX 1327, ROOSEVELT, UTAH 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 1085' FWL, 2348' FNL (SWNW)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Belcher

9. WELL NO.: 2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W, USM

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6179' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[XX]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-20-85 Acidize Wasatch perforation from 11200'-12126' with 10,000 gals. 15% HCl.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Division Engineering DATE 9/27/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

LINMAR PETROLEUM COMPANY
7979 East Tufts Avenue Parkway, Suite 604
Denver, Colorado 80237
(303) 773-8003

111202

November 6, 1987

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

ATTN: Tami Searing

Re: Change of Operator N4503

Dear Ms. Searing:

Enclosed is a Sundry Notice, in triplicate, evidencing Change of Operator effective November 1, 1987, from Linmar Energy Corporation to Linmar Petroleum Company covering the wells listed on the Exhibit "A" attached thereto. Such listing of wells should cover all the wells in which you currently show Linmar Energy Corporation as Operator.

If you have any questions whatsoever or if you need any additional information, please do not hesitate to call me collect at (303) 773-8003.

Thank you so very much for all of your assistance and cooperation in this matter.

Very truly yours,

LINMAR PETROLEUM COMPANY

Susan L. Foster

Susan L. Foster
Land Consultant

SLF:jgm

Enclosures

cc: Ed Whicker, Field Superintendent, Linmar Petroleum Company

NOV 9 1987

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: See Below

3. ADDRESS OF OPERATOR: See Below

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.: See Exhibit "A" Attached Hereto

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: See Exhibit "A" Attached Hereto

12. COUNTY OR PARISH: Duchesne & Uintah Counties

13. STATE: Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

NOV 9 1987
DIVISION OF OIL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) Change of Operator	X			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CHANGE OF OPERATOR
(Effective November 1, 1987)

FROM:

Company Name: Linmar Energy Corporation
Address: 7979 East Tufts Avenue Parkway, Suite 604, Denver, Colorado 80237
Telephone No.: (303) 773-8003

TO:

Company Name: Linmar Petroleum Company N9503
Address: 7979 East Tufts Avenue Parkway, Suite 604, Denver, Colorado 80237
Telephone No.: (303) 773-8003

18. I hereby certify that the foregoing is true and correct

SIGNED LINMAR ENERGY CORPORATION By: B. J. Lewis B. J. Lewis TITLE Vice President DATE November 6, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

EXHIBIT "A"

NOV 9 1987

Attached to and made a part of that certain Sundry Notice covering Change of Operator from Linmar Energy Corporation to Linmar Petroleum Company

WELL NAME		SECTION, TOWNSHIP AND RANGE
Carmen 1-7B5	43-013-30195	Section 7, Township 2 South, Range 5 West
Priest 2-7B5	43-013-31001	Section 7, Township 2 South, Range 5 West
Sorenson 1-8B5	43-013-30270	Section 8, Township 2 South, Range 5 West
Miltz 2-8B5	43-013-30906	Section 8, Township 2 South, Range 5 West
Brotherson 1-25B4	43-013-30668	Section 25, Township 2 South, Range 4 West
Brotherson 1-27B4	43-013-30185	Section 27, Township 2 South, Range 4 West
Wimmer 2-27B4	43-013-30941	Section 27, Township 2 South, Range 4 West
Christman-Blann 1-31B4	43-013-30198	Section 31, Township 2 South, Range 4 West
Lindsay Russell 1-32B4	43-013-30308	Section 32, Township 2 South, Range 4 West
Lindsay Russell 2-32B4	43-013-30371	Section 32, Township 2 South, Range 4 West
Griffith 1-33B4	43-013-30288	Section 33, Township 2 South, Range 4 West
Belcher 2-33B4	43-013-30907	Section 33, Township 2 South, Range 4 West
Erwin 1-35B4	43-013-30216	Section 35, Township 2 South, Range 4 West
Flanigan 2-14B5	43-013-30757	Section 14, Township 2 South, Range 5 West
Brown 2-28B5	43-013-30718	Section 28, Township 2 South, Range 5 West
Wildlife Resources 1-33B5	43-013-30649	Section 33, Township 2 South, Range 5 West
Rhoades Moon 1-35B5	43-013-30155	Section 35, Township 2 South, Range 5 West
Brotherson 2-35B5	43-013-30908	Section 35, Township 2 South, Range 5 West
Rhoades 1-36B5	43-013-30289	Section 36, Township 2 South, Range 5 West
Ute Tribal 2-14C6	43-013-30775	Section 14, Township 3 South, Range 6 West
Ute Tribal 2-17C6	43-013-31033	Section 17, Township 3 South, Range 6 West
Wildlife Resources 2-19C6	43-013-31035	Section 19, Township 3 South, Range 6 West
Ute Fee 2-33C6	43-013-31123	Section 33, Township 3 South, Range 6 West
Ford 2-13C7	43-013-31082	Section 13, Township 3 South, Range 7 West

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Linmar Petroleum Company

8. FARM OR LEASE NAME: Belcher

3. ADDRESS OF OPERATOR: P.O. Box 1327, Roosevelt, Utah 84066

9. WELL NO.: 2-33B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1085' FWL, 2348' FNL (SWNW)

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W

14. PERMIT NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.):

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☒	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Linmar is requesting that this proposal be approved as a workover as per HB110. Linmar intends to return 30BOPD to production by repairing the casing leak at 2,705'. The hole will be squeezed with 150 sacks class G cement. A wellbore cleanout run will be included in the workover.

RECEIVED
OCT 17 1991
DIVISION OF
OIL GAS & MINING

Production Engineer 16-Oct-91

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION & SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [ ] XX GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Linmar Petroleum Company

8. FARM OR LEASE NAME: Belcher

3. ADDRESS OF OPERATOR: P.O. Box 1327, Roosevelt, Utah 84066

9. WELL NO.: 2-33B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
At proposed prod. zone: 1085' FWL, 2348' FNL (SWNW)

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T2S, R4W

14. API NO.: 43-013-30907

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,179' GR

12. COUNTY: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ] XX
(Other)			[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

A bridge plug was run to 3500' isolating a casing hole at 2,725'. The hole was squeezed with 150 sacks class G cement on 11/22/91 and was tested to 250 psi after cleaning out the wellbore. The well was returned to production on 11/30/91.

RECEIVED
JAN 16 1992
DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Production Engineer DATE 14-Jan-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

RECEIVED
JUN 21 1995
DIV. OF OIL, GAS & MINING

June 20, 1995

Memorandum

TO: Superintendent, Uintah and Ouray Agency, Ft. Duchesne, Utah

FROM: Chief, Branch of Fluid Minerals, BLM, Utah State Office, Salt Lake City, Utah

SUBJECT: Successor of Operator, Communitization Agreement's (CA) 96-000058, 96-000065, 96-000068, 96-000087, 96-000108, 96-000118, 96-000119, 9C-000123, 9C-000132, 9C-000212, NRM-715, VR49I-84672C, VR49I-84680C, VR49I-84681C, VR49I-84692C, VR49I-84694C, VR49I-84703C, VR49I-84705C, UT080I49-85C701, UT080I49-85C704, UT080I49-85C713, UT080I49-85C714, UT080I49-86C680, UT080I49-86C685, UT080I49-87C685, Duchesne and Uintah Counties, Utah

The enclosed Designation of Successor of Operators for CA's 96-000058, 96-000065, 96-000068, 96-000087, 96-000108, 96-000118, 96-000119, 9C-000123, 9C-000132, 9C-000212, NRM-715, VR49I-84672C, VR49I-84680C, VR49I-84681C, VR49I-84692C, VR49I-84694C, VR49I-84703C, VR49I-84705C, UT080I49-85C701, UT080I49-85C704, UT080I49-85C713, UT080I49-85C714, UT080I49-86C680, UT080I49-86C685, UT080I49-87C685, Duchesne and Uintah Counties, Utah, have been reviewed by this office and found to be acceptable and we recommend approval. The new operator will be Coastal Oil & Gas Corporation. Upon approval of these Successor of Operators, please return one copy to this office.

If you have any questions, please contact Teresa Thompson at (801) 539-4047.

/s/ Robert A. Henricks

Enclosures
cc: Marlene Boyle
Coastal Oil & Gas Corp.

bcc: 96-000058, 96-000065, 96-000068, 96-000087, 96-000108, 96-000118, 96-000119, 9C-000123, 9C-000132, 9C-000212, NRM-715, VR49I-84672C, VR49I-84680C, VR49I-84681C, VR49I-84692C, VR49I-84694C, VR49I-84703C, VR49I-84705C, UT080I49-85C701, UT080I49-85C704, UT080I49-85C713, UT080I49-85C714, UT080I49-86C680, UT080I49-86C685, UT080I49-87C685
District Manager - Vernal
Agr. Sec. Chron.
Fluid Chron

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[] **Well File** _____

(Location) Sec___Twp___Rng___

(API No.) _____

[] **Suspense**

(Return Date) _____

(To - Initials) _____

XXX **Other** (OPER. CHG.)

RJF/FYI

VLC/FYI

1. Date of Phone Call: 5-22-95 Time: 4:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call XXX)

Talked to:

Name BOB DALE (Initiated Call []) - Phone No. (303) 572-1121

of (Company/Organization) COASTAL OIL & GAS CORP.

3. Topic of Conversation: LINMAR WELLS SOLD TO COASTAL (& INDIAN LEASES)

*LINMAR SOLD ALL OF THEIR WELLS TO COASTAL HOWEVER WELLS INVOLVED IN C.A.'S HAVE NOT BEEN OFFICIALLY APPROVED BY BLM. CHANGE IS IN PROGRESS AT THIS TIME.

4. Highlights of Conversation: **MONTHLY OIL & GAS PRODUCTION & DISPOSITION REPORTS** (& INDIAN LEASE)

THE DIV. WILL MAIL REMAINING LINMAR WELLS (C.A WELLS) TO:

LINMAR PETROLEUM COMPANY
C/O COASTAL OIL & GAS CORP.
P. O. BOX 749
DENVER, CO 80201-0749

THE DIV. IS AWAITING BLM APPROVAL PRIOR TO CHANGING THE OPERATOR FROM LINMAR/N9523 TO COASTAL/N0230. DOCUMENTATION HAS BEEN FILED BY COASTAL AND BLM APPROVAL SHOULD BE FORTHCOMING SOON!

*LINMAR/L.M. ROHLEDER (303)773-8003 NOTIFIED.

LINMAR PETROLEUM COMPANY

Suite 604, 7979 East Tufts Avenue Parkway, Denver, CO 80237 (303) 773-8003

May 18, 1995

2nd NOTICE!

Mr. R. J. Firth
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAY 22 1995
MINING

GENTLEMEN:

Please be advised that LINMAR PETROLEUM COMPANY has sold all of its oil and gas interests to Coastal Oil and Gas Corporation effective July 1, 1994. Please change your records accordingly.

Thank you for your cooperation.

Very truly,

LINMAR PETROLEUM COMPANY

BY: L. M. Rohleder
L. M. Rohleder
Vice President of Managing
General Partner

LMR

ENCLS.: MONTHLY OIL AND GAS PRODUCTION REPORT (Form 10) and
MONTHLY OIL AND GAS DISPOSITION REPORT (Form 11)

Coastal
The Energy People

May 9, 1995

Ms. Theresa Thompson
Bureau of Land Management
324 S. State, Suite 301
Salt Lake City, Utah 84111

Dear Ms. Thompson:

Enclosed is a list of the Communitization Agreements under which Coastal is currently balloting the working interest owners to be appointed as successor Operator to Linmar Petroleum Company. Letters were sent out May 3, 1995, to all working interest owners, and we expect to have the self certification process completed by June 12, 1995. The Designation of Successor Operator forms will be mailed to you at that time.

43-013-31138/sec. 9 2S 4W 43-013-31000/sec. 5 2S 4W

Coastal acquired Linmar's interest in and took over operations of the Chandler 2-5B4 and the Ellsworth 2-9B4 wells last year. ANR operates the Chandler 1-5B4 and the Ellsworth 1-9B4, and ANR is the designated operator under the Communitization Agreement for both these sections. Coastal has elected to have ANR remain as operator under both of these Communitization Agreements.

Thank you for answering my many questions. I have appreciated your help and patience in getting this project completed.

Very truly yours,

Marlene Boyle

Marlene Boyle
Land Consultant

MB:mh

Enclosure

cc: Bonnie Johnston

COMMUNITIZATION AGREEMENTS

CA No. UT080I49-87C685
Section 1, T1S, R2W, U.S.M.
Duchesne County, Utah

CA No. UT080I49-85C704
Section 3, T1S, R3W, U.S.M.
Duchesne County, Utah

CA No. UT080I49-85C701
Section 4, T1S, R1W, U.S.M.
Duchesne County, Utah

CA No. UT080I49-85C713
Section 4, T4S, R6W, U.S.M.
Duchesne County, Utah

CA No. UT080I49-85C714
Section 5, T4S, R6W, U.S.M.
Duchesne County, Utah

CA No. 96-000058
Section 7, T1S, R3W, U.S.M.
Duchesne County, Utah

CA No. NRM-715
Section 8, T1S, R3W, U.S.M.
Duchesne County, Utah

CA No. 9C-000123
Section 9, T1S, R3W, U.S.M.
Duchesne County, Utah

CA No. UT080I49-86C685
Section 12, T1S, R4W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84692C
Section 15, T1S, R4W, U.S.M.
Duchesne County, Utah

COMMUNITIZATION AGREEMENTS

CA No. 96-000087
Section 16, T2S, R3W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84672C
Section 16, T1S, R4W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84680C
Section 17, T1S, R1W, U.S.M.
Duchesne County, Utah

CA No. 9C-000132
Section 18, T1S, R3W, U.S.M.
Duchesne County, Utah

CA No. 9C-000212
Section 18, T2S, R1E, U.S.M.
Uintah County, Utah

CA No. UT080I49-86C680
Section 20, T1N, R1W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84703C
Section 24, T1S, R4W, U.S.M.
Duchesne County, Utah

CA No. 96-000118
Section 24, T3S, R7W, U.S.M.
Duchesne County, Utah

CA No. UT08049P-84C723
Section 25, T1N, R2W, U.S.M.
Duchesne County, Utah

CA No. 96-000108
Section 27, T1S, R4W, U.S.M.
Duchesne County, Utah

COMMUNITIZATION AGREEMENTS

CA No. 96-000065
Section 27, T1N, R1W, U.S.M.
Duchesne and Uintah Counties, Utah

CA No. 96-000068
Section 28, T2S, R5W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84681C
Section 29, T1N, R1W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84705C
Section 30, T1N, R1W, U.S.M.
Duchesne County, Utah

CA No. 96-000119
Section 33, T2S, R4W, U.S.M.
Duchesne County, Utah

CA No. VR49I-84694C
Section 34, T1S, R1W, U.S.M.
Duchesne County, Utah

CA No. NW-613
Section 32, T1S, R4W, U.S.M.
Duchesne County, Utah

LINMAR PETROLEUM COMPANY
Suite 604, 7979 East Tufts Avenue Parkway, Denver, CO 80237 (303) 773-8003

RECEIVED
MAR 17 1995
DIV OF OIL, GAS & MINING

March 15, 1995

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: "MONTHLY OIL AND GAS PRODUCTION REPORT" (Form 10) & "MONTHLY OIL AND GAS DISPOSITION REPORT" (Form 11)

Gentlemen:

Please be advised that Linmar Petroleum Company has sold all of its oil and gas interests to Coastal Oil and Gas Corporation effective July 1, 1994. We are, therefore, returning the enclosed forms. Please change your records accordingly.

Thank you for your cooperation.

Very truly,

LINMAR PETROLEUM COMPANY

BY: L. M. Rohleder
L. M. Rohleder
Vice President of
Managing General Partner

LMR

Encl.

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O COASTAL OIL & GAS
LINMAR PETROLEUM COMPANY
PO BOX 749
DENVER CO 80201-0749

UTAH ACCOUNT NUMBER: N9523

REPORT PERIOD (MONTH/YEAR): 5 / 95

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
FIELDSTED 2-27A4 / 4301330915	09632	01S 04W 27	GR-WS			96000108		
TIMOTHY 3-18A3 / 4301330940	09633	01S 03W 18	GR-WS			9C000132		
CLARK 2-9A3 / 4301330876	09790	01S 03W 9	GR-WS			9C000123		
HORROCKS 2-4A1 / 4301330954	09855	01S 01W 4	GR-WS			UT080149 85C	701	
BELCHER 2-33B4 / 4301330907	09865	02S 04W 33	GR-WS			96000119		
OMAN 2-32A4 / [illegible]01330904	10045	01S 04W 32	GR-WS			NW613		
[illegible]OWELL 2-8A3 / 4301330979	10110	01S 03W 8	GR-WS			NRM715		
MORRIS 2-7A3 / 4301330977	10175	01S 03W 7	GR-WS			96000058		
WILKERSON 1-20Z1 / 4301330942	10230	01N 01W 20	GR-WS			UT080149 86C	680	
UTE TRIBAL 2-24C7 / 4301331028	10240	03S 07W 24	GR-WS			96-000118		
UTE TRIBAL 2-3A3 / 4301331034	10261	01S 03W 3	GR-WS			UT080149 85C704		
PETERSON 1-5D6 / 4301331075	10311	04S 06W 5	GR-WS			UT080149 85C714		
JACOBSEN 2-12A4 / 4301330985	10313	01S 04W 12	GR-WS			UT080149 86C	685	
					TOTALS			

COMMENTS:

hereby certify that this report is true and complete to the best of my knowledge. Date:

Name and Signature: Telephone Number:

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SEP 26 1994
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial Number: Fee

6. If Indian, Allottee or Tribe Name: Ute

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name: See attached list.

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: See attached list.

2. Name of Operator: Linmar Petroleum Company

9. API Well Number: See attached list.

3. Address and Telephone Number: 7979 East Tufts Ave. Parkway, Suite 604, Denver, CO 80237 (303)773-8003

10. Field and Pool, or Wildcat: Altamont/Bluebell

4. Location of Well

Footages: See attached list.

County: See attached list.

QQ, Sec., T., R., M.:

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit In Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off
- [X] Other Change of operator.

Approximate date work will start 9/8/94

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

There was a change of operator on the date above for all wells on the attahced list:

OPERATOR: - FROM: Linmar Petroleum Company
TO: Coastal Oil & Gas Corporation

All operations are covered by Nationwide Bond No. 11-40-66A, Bond No. U6053821 and Nationwide Bond No.962270.

13.

Name & Signature: BY: L. M. ROHLEDER/ L. M. Rohleder

Title: V.P. OF MANAGING GENERAL PARTNER

Date: 9/20/94

(This space for State use only)

(12/92)

(See Instructions on Reverse Side)

WELL NAME	API #	FOOTAGES	LOCATION	COUNTY	LEASE DESIGNATION	TRIBE NAME	CA #	BOND #
Allred 1-16A3	43-013-30232	700' FNL & 1280' FEL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Allred 2-16A3	43-013-~~30631~~ 30361		Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Belcher 2-33B4	43-013-30907	2348' FNL & 1085' FWL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Brown 2-28B5	43-013-30718	1777' FSL & 1413' FWL	Section 28, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000068	102102, 962270
Carl Smith 2-25A4	43-013-30776		Section 25, T1S,R4W, U.S.M.	Duchesne	Fee	Ute	96-000036	102102, 962270
Chasel 2-17A1	43-013-30732	1379' FSL & 1360' FWL	Section 17, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	VR49184680C	102102, 962270
Chasel Hackford 2-10A1E	43-047-31421	1120' FSL & 1120' FEL	Section 10, T1S, R1E, U.S.M.	Uintah	Fee	Ute	UT08014986C693	102102, 962270
Chasel Miller 2-1A2	43-013-30360		Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Clark 2-9A3	43-013-30876		Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Duncan 3-1A2	43-013-31135	1097' FSL & 702' FWL	Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Dye 1-25Z2	43-013-30659	1520' FSL & 1520' FEL	Section 25, T1N, R2W, U.S.M.	Duchesne	Fee	Ute	UT08049P84C723	102102, 962270
Fieldsted 2-27A4	43-013-30915	1496' FSL & 1718' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Fisher 1-16A4	43-013-30737	1527' FSL & 834' FEL	Section 16, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184672C	102102, 962270
Fisher 1-7A3	43-013-30131	1980' FNL & 2080' FEL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Goodrich 1-24A4	43-013-30760	1106' FNL & 1599' FEL	Section 24, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184703C	102102, 962270
Griffith 1-33B4	43-013-30288	1307' FNL & 1512' FEL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Horrocks 2-4A1	43-013-30954	1678' FNL & 1520' FEL	Section 4, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014985C701	102102, 962270
Jacobson 2-12A4	43-013-30985	1104' FSL & 2417' FWL	Section 12, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	UT08014986C685	102102, 962270
Jenkins 3-16A3	43-013-30877	1085' FSL & 1905' FWL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Jensen 1-29Z1	43-013-30725	1331' FSL & 2424' FEL	Section 29, T1N, T1W, U.S.M.	Duchesne	Fee	Ute	VR49184681C	102102, 962270
Jessen 1-15A4	43-013-30817	2417' FNL & 1514' FEL	Section 15, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184692C	102102, 962270
LeBeau 1-34A1	43-013-30590		Section 34, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute	VR49184694C	102102, 962270
Lindsay Russell 1-32B4	43-013-30308	1320' FNL & 1320' FEL	Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Morris 2-7A3	43-013-30977	2473' FSL & 580' FWL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Olsen 1-27A4	43-013-30064	1200' FNL & 1200' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Oman 2-32A4	43-013-30904	754' FSL & 1140' FWL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Powell 2-8A3	43-013-30979	661' FSL & 1114' FWL	Section 8, T1S,R3W, U.S.M.	Duchesne	Fee	Ute	NRM-715	102102, 962270
Rhoades Moon 1-36B5	43-013-30289		Section 36, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000113	102102, 962270
Timothy 1-9A3	43-013-30321	1491' FNL & 1646' FEL	Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Timothy 3-18A3	43-013-30940		Section 18, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000132	102102, 962270
Warren 1-32A4	43-013-30174	1799' FNL & 1104' FEL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Wildlife Resources 1-33B5	43-013-30649	1804' FNL & 1603' FEL	Section 33, T2S,R5W, U.S.M.	Duchesne	Fee	Ute	UT08049184C726	102102, 962270
Wilkerson 1-20Z1	43-013-30942	1523' FSL & 1509' FEL	Section 20, T1N, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014986C680	102102, 962270

RECEIVED
SEP 26 1994

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: Fee

6. If Indian, Alottee or Tribe Name: Ute

7. If Unit or CA, Agreement Designation: N/A

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: See attached list.

2. Name of Operator: Linmar Petroleum Company

9. API Well No.: See attached list.

3. Address and Telephone No.: 7979 East Tufts Ave. Parkway, Suite 604, Denver, CO 80237 (303) 773-8003

10. Field and Pool, Or Exploratory Area: See attached list.

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description): See attached list of wells.

11. County or Parish, State: See attached list.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Change of Operator	[ ] Dispose Water (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and tru vertical depths for all markets and zones pertinent to this work.)*

There will be a change of operator for all wells specified on the attached list.

OPERATOR - FROM: Linmar Petroleum Company
TO: Coastal Oil and Gas Corporation

All operations will be covered by Nationwide Bond No. 11-40-66A and Bond No. U6053821, as required by the State of Utah.

RECEIVED
SEP

14. I hereby certify that the foregoing is true and correct

Signed By: L. M. Kohlecker Title Vice President of Managing General Partner Date 9/1/94

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WELL NAME	API #	FOOTAGES	LOCATION	FIELD	COUNTY	LEASE DESIGNATION
Allred 2-16A3	43-013-30361		Section 16, T1S, R3W, U.S.M.	Altamont	Duchesne	Fee 96-000037
Barrett 1-34A5	43-013-30323	713' FNL & 1387' FEL	Section 34, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Birch 1-35A5	43-013-30233	757' FNL & 1024' FEL	Section 35, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Birch 2-35A5	43-013-30362		Section 35, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 1-25B4	43-013-30668	778' FNL & 1627' FEL	Section 25, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 1-27B4	43-013-30185	1244' FNL & 1464' FEL	Section 27, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 2-35B5	43-013-30908	2432' FNL & 1648' FWL	Section 35, T2S, R5W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 2-3B4	43-013-31008	1226' FSL & 1933' FWL	Section 3, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Chandler 2-5B4	43-013-31000	466' FSL & 1180' FWL	Section 5, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee NW5580 (ANR)
Christensen 2-26A5	43-013-30905	776' FSL & 1467' FWL	Section 26, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Christensen 2-8B3	43-013-30780	1880' FSL & 1694' FWL	Section 8, T2S, R3W, U.S.M.	Altamont	Duchesne	Fee
Christensen 3-4B4	43-013-31142	804' FSL & 1948' FEL	Section 4, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Christman Blann 1-31B4	43-013-30198	1257' FNL & 1552' FEL	Section 31, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
D. Moon 1-23Z1	43-047-31479		Section 23, T1N, R1W, U.S.M.	Bluebell	Uintah	Fee
Ellsworth 2-8B4	43-013-30898	1580' FSL & 1580' FWL	Section 8, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Ellsworth 2-9B4	43-013-31138	2976' FNL & 2543' FWL	Section 9, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee 96-000045 (ANR)
Evans 1-31A4	43-013-30067	1987' FNL & 1973' FEL	Section 31, T1S, R4W, U.S.M.	Altamont	Duchesne	Fee
Fisher 1-19A3	43-013-30535	1609' FNL & 1671' FEL	Section 19, T1S, R3W, U.S.M.	Altamont	Duchesne	Fee
Fisher 2-6A3	43-013-30984	404' FSL & 596' FEL	Section 6, T1S, R3W, U.S.M.	Altamont	Duchesne	Fee
Ford 2-36A5	43-013-30911	1113' FSL & 1659' FWL	Section 36, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Hansen 1-16B3	43-013-30617	2088' FSL & 1760' FWL	Section 16, T2S, R3W, U.S.M.	Altamont	Duchesne	Fee
Horrocks 1-3A1	43-013-30171	2502' FNL & 2141' FWL	Section 3, T1S, R1W, U.S.M.	Bluebell	Duchesne/Uintah	Fee
Jensen 1-31A5	43-013-30186	1380' FNL & 1244' FEL	Section 31, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Jensen 2-29A5	43-013-30974	1085' FSL & 1528' FWL	Section 29, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Jessen 1-17A4	43-013-30173	1182' FNL & 1130' FEL	Section 17, T1S, R4W, U.S.M.	Altamont	Duchesne	Fee
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee 96-000116
Linmar 1-19B2	43-013-30600	2032' FNL & 2120' FWL	Section 19, T2S, R2W, U.S.M.	Altamont	Duchesne	Fee
Marshall 1-20A3	43-013-30193	565' FNL & 1821' FEL	Section 20, T1S, R3W, U.S.M.	Bluebell	Duchesne	Fee
Murray 3-2A2	43-013-30816	2211' FNL & 2257' FWL	Section 2, T1S, R2W, U.S.M.	Bluebell	Duchesne	Fee
Oman 2-4B4	43-013-30645	1536' FSL & 1849' FWL	Section 4, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Rhoades Moon 1-35B5	43-013-30155	870' FNL & 960' FEL	Section 35, T2S, R5W, U.S.M.	Altamont	Duchesne	Fee
Wimmer 2-27B4	43-013-30941	904' FNL & 886' FWL	Section 27, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
SEP 26 1994
DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number: Fee
6. If Indian, Allottee or Tribe Name: Ute
7. Unit Agreement Name: See attached list.

1. Type of Well: OIL [X] GAS [ ] OTHER:
8. Well Name and Number: See attached list.

2. Name of Operator: Coastal Oil & Gas Corporation
9. API Well Number: See attached list.

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476
10. Field and Pool, or Wildcat: Altamont/Bluebell

4. Location of Well
Footages: See attached list.
QQ, Sec., T., R., M.:
County: See attached list.
State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit In Duplicate)

- [ ] Abandonment
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Multiple Completion
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off
- [X] Other Change of operator.

Approximate date work will start 9/8/94

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

There was a change of operator on the date above for all wells on the attahced list:

OPERATOR: - FROM: Linmar Petroleum Company
TO: Coastal Oil & Gas Corporation

All operations are covered by Nationwide Bond No. 11-40-66A, Bond No. U6053821 and Nationwide Bond No.962270.

13.
Name & Signature: Bonnie Schneider
Title: Environmental Analyst
Date: 09/19/94

(This space for State use only)

WELL NAME	API #	FOOTAGES	LOCATION	COUNTY	LEASE DESIGNATION	TRIBE NAME	CA #	BOND #
State 1-19A4	43-013-30322	985' FNL & 853' FEL	Section 19, T1S, R4W, U.S.M.	Duchesne	ML-27912	Ute		102102, 962270
State 1-8A3	43-013-30286	1545' FNL & 1489' FEL	Section 8, T1S,R3W, U.S.M.	Duchesne	ML-24316	Ute	NRM-715	102102, 962270
Wainoco State 1-14B1	43-047-30818		Section 14, T2S, R1W, U.S.M.	Duchesne/Uintah	ML-2402	Ute		102102, 962270

Coastal
The Energy People

RECEIVED
SEP 26 1994
DIV. OF OIL, GAS & MINING

September 21, 1994

State of Utah
Division of Oil Gas, and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

ATTN: Leesha Cordoba

Leesha:

I have mailed off the revised list of all the FEE wells to you, as well as the State wells.

The signed copies of the UIC Form 5's were mailed to the State approximately 9/12/94. Copies of the sundries sent to the BLM for all the Indian wells were mailed to the State also on 9/19/94.

I will address the Linmar FEE and CA wells ASAP, and will talk to our land people on 9/19 to determine the disposition of those wells temporarily abandoned.

Thanks again for you much appreciated help.

Sincerely,

Bonnie Johnston

Bonnie Johnston
Environmental Coordinator
(303)573-4476

Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303 572-1121

WELL NAME	API #	FOOTAGES	LOCATION	COUNTY	LEASE DESIGNATION	TRIBE NAME	CA #	BOND #
Allred 1-16A3	43-013-30232	700' FNL & 1280' FEL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Allred 2-16A3	43-013-30361		Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Barrett 1-34A5	43-013-30323	713' FNL & 1387' FEL	Section 34, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Belcher 2-33B4	43-013-30907	2348' FNL & 1085' FWL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Birch 1-35A5	43-013-30233	757' FNL & 1024' FEL	Section 35, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Birch 2-35A5	43-013-30362		Section 35, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 1-25B4	43-013-30668	778' FNL & 1627' FEL	Section 25, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 1-27B4	43-013-30185	1244' FNL & 1464' FEL	Section 27, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 2-35B5	43-013-30908	2432' FNL & 1648' FWL	Section 35, T2S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 2-3B4	43-013-31008	1226' FSL & 1933' FWL	Section 3, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brown 2-28B5	43-013-30718	1777' FSL & 1413' FWL	Section 28, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000068	102102, 962270
Carl Smith 2-25A4	43-013-30776		Section 25, T1S,R4W, U.S.M.	Duchesne	Fee	Ute	96-000036	102102, 962270
Chandler 2-5B4	43-013-31000	466' FSL & 1180' FWL	Section 5, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Chasel 2-17A1	43-013-30732	1379' FSL & 1360' FWL	Section 17, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	VR49184680C	102102, 962270
Chasel Hackford 2-10A1E	43-047-31421	1120' FSL & 1120' FEL	Section 10, T1S, R1E, U.S.M.	Uintah	Fee	Ute	UT08014986C693	102102, 962270
Chasel Miller 2-1A2	43-013-30360		Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Christensen 2-26A5	43-013-30905	776' FSL & 1467' FWL	Section 26, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Christensen 2-8B3	43-013-30780	1880' FSL & 1694' FWL	Section 8, T2S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Christensen 3-4B4	43-013-31142	804' FSL & 1948' FEL	Section 4, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Christman Blann 1-31B4	43-013-30198	1257' FNL & 1552' FEL	Section 31, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Clark 2-9A3	43-013-30876		Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Duncan 3-1A2	43-013-31135	1097' FSL & 702' FWL	Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Dye 1-25Z2	43-013-30659	1520' FSL & 1520' FEL	Section 25, T1N, R2W, U.S.M.	Duchesne	Fee	Ute	UT08049P84C723	102102, 962270
D. Moon 1-23Z1	43-047-31479		Section 23, T1N, RIW, U.S.M.	Uintah	Fee	Ute		102102, 962270
Ellsworth 2-8B4	43-013-30898	1580' FSL & 1580' FWL	Section 8, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Ellsworth 2-9B4	43-013-31138	2976' FNL & 2543' FWL	Section 9, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Evans 1-31A4	43-013-30067	1987' FNL & 1973' FEL	Section 31, T1S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Fieldsted 2-27A4	43-013-30915	1496' FSL & 1718' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Fisher 1-16A4	43-013-30737	1527' FSL & 834' FEL	Section 16, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184672C	102102, 962270
Fisher 1-19A3	43-013-30535	1609' FNL & 1671' FEL	Section 19, T1S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Fisher 1-7A3	43-013-30131	1980' FNL & 2080' FEL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Fisher 2-6A3	43-013-30984	404' FSL & 596' FEL	Section 6, T1S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Ford 2-36A5	43-013-30911	1113' FSL & 1659' FWL	Section 36, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Goodrich 1-24A4	43-013-30760	1106' FNL & 1599' FEL	Section 24, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184703C	102102, 962270
Griffith 1-33B4	43-013-30288	1307' FNL & 1512' FEL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Hansen 1-16B3	43-013-30617	2088' FSL & 1760' FWL	Section 16, T2S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Horrocks 1-3A1	43-013-30171	2502' FNL & 2141' FWL	Section 3, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute		102102, 962270
Horrocks 2-4A1	43-013-30954	1678' FNL & 1520' FEL	Section 4, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014985C701	102102, 962270
Jacobson 2-12A4	43-013-30985	1104' FSL & 2417' FWL	Section 12, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	UT08014986C685	102102, 962270
Jenkins 3-16A3	43-013-30877	1085' FSL & 1905' FWL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Jensen 1-29Z1	43-013-30725	1331' FSL & 2424' FEL	Section 29, T1N, T1W, U.S.M.	Duchesne	Fee	Ute	VR49184681C	102102, 962270
Jensen 1-31A5	43-013-30186	1380' FNL & 1244' FEL	Section 31, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Jensen 2-29A5	43-013-30974	1085' FSL & 1528' FWL	Section 29, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Jessen 1-15A4	43-013-30817	2417' FNL & 1514' FEL	Section 15, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184692C	102102, 962270
Jessen 1-17A4	43-013-30173	1182' FNL & 1130' FEL	Section 17, T1S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
LeBeau 1-34A1	43-013-30590		Section 34, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute	VR49184694C	102102, 962270
Lindsay Russell 1-32B4	43-013-30308	1320' FNL & 1320' FEL	Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Linmar 1-19B2	43-013-30600	2032' FNL & 2120' FWL	Section 19, T2S, R2W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Marshall 1-20A3	43-013-30193	565' FNL & 1821' FEL	Section 20, T1S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Morris 2-7A3	43-013-30977	2473' FSL & 580' FWL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Murray 3-2A2	43-013-30816	2211' FNL & 2257' FWL	Section 2, T1S, R2W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Olsen 1-27A4	43-013-30064	1200' FNL & 1200' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Oman 2-32A4	43-013-30904	754' FSL & 1140' FWL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Oman 2-4B4	43-013-30645	1536' FSL & 1849' FWL	Section 4, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Powell 2-8A3	43-013-30979	661' FSL & 1114' FWL	Section 8, T1S,R3W, U.S.M.	Duchesne	Fee	Ute	NRM-715	102102, 962270
Rhodes Moon 1-35B5	43-013-30155	870' FNL & 960' FEL	Section 35, T2S, R5W, U.S.M.	Duchesne	Fee			
Rhoades Moon 1-36B5	43-013-30289		Section 36, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000113	102102, 962270
Timothy 1-9A3	43-013-30321	1491' FNL & 1646' FEL	Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Timothy 3-18A3	43-013-30940		Section 18, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000132	102102, 962270
Warren 1-32A4	43-013-30174	1799' FNL & 1104' FEL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Wildlife Resources 1-33B5	43-013-30649	1804' FNL & 1603' FEL	Section 33, T2S,R5W, U.S.M.	Duchesne	Fee	Ute	UT08049184C726	102102, 962270
Wilkerson 1-20Z1	43-013-30942	1523' FSL & 1509' FEL	Section 20, T1N, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014986C680	102102, 962270
Wimmer 2-27B4	43-013-30941	904' FNL & 886' FWL	Section 27, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAY - 9 1995
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" – for such proposals

5. Lease Designation and Serial No.: Fee

6. If Indian, Alottee or Tribe Name: Ute

7. If Unit or CA, Agreement Designation: 96-000119

SUBMIT IN TRIPLICATE

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Belcher #2-33B4

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well No.: 43-013-30907

3. Address and Telephone No.: P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, Or Exploratory Area: Altamont/Bluebell

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description): 2348' FNL & 1085' FWL
Section 33-T2S-R4W

11. County or Parish, State: Duchesne Co., UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[X] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other CO & Acdz	[ ] Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and tru vertical depths for all markets and zones pertinent to this work.)*

Please see the attached workover procedure for work to be performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed N.O. Shiflett /sab N.O. Shiflett Title District Drilling Manager Date 05/08/95

(This space for Federal or State office use)

APPROVED BY [signature] Title Petroleum Engineer Date 5/10/95
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BELCHER 2-33B4
Section 33 T2S R4W
Altamont Field
Duchesne Co. Utah

WELL DATA

Location:	1085 FWL	2348 FNL
Elevation:	6179'GL	6199'KB
Total Depth:	12,254'	12,211' PBTD

Casing: 9-5/8" 36# K-55 ST&C set @ 2525'. Cmt'd w/1070 sx cmt. Circ to surface.
7" 32# & 29# N-80 LT&C, 26# N-80 Butt. Set @ 9997'. Cmt'd w/1060 sx.
5" 18# P-110 FJP. Set @ 12,254' TOL @ 9801'. Cmt'd w/220 sx. Circ cmt.

TUBULAR DATA

Description	ID	Drift	Capacity (BPF)	Burst (PSI)	Collapse (PSI)
9-5/8" 36# K-55	8.921	8.765	.0773	3520	2020
7" 32# N-80	6.094	5.969	.0360	9060	8600
7" 29# N-80	6.184	6.059	.0371	8160	7020
7" 26# N-80	6.276	6.151	.0382	7240	5410
5" 18# P-110	4.276	4.151	.0177	13940	13450

WELL HISTORY

See Detail

PRESENT STATUS

SI

c:\wp51\swr\jes15a.PRO

BELCHER 2-33B4
Section 33 T2S R4W
Altamont Field
Duchesne Co. Utah

PROCEDURE:

1. Circ. pmp out of hole. Pull SV. Kill well. Rlse R-3 pkr set @ 10,054'. NDWH NUBOP. POOH w/tbg.

2. RIH w/6" bit & scraper on 2-7/8" tbg. CO to TOL @ 9801'. POOH

3. RIH w/RBP & PKR on 2-7/8" tbg. Set RBP @ 7080', PU set Pkr. PT RBP to 2000 psi. Cap RBP w/4sx sand.

4. PUH locate casing leak. (prior leaks @ 2705' & 2725'). Call Denver for supplemental squeeze procedure.

5. RIH w/retr head. Circ sand off RBP. POOH

6. RIH w/5" cleanout tools. CO to RBP which is set @ 11,640'. POOH

7. RIH w/retr head on 2-7/8" tbg. Rlse RBP @ 11,640'. POOH

8. RIH w/5" cleanout tools. CO to below bottom perf @ 12,126'. POOH

9. RIH w/retr pkr on 2-7/8" x 3-1/2" tbg. Set pkr @ 9900'. PT csg to 1000 psi.

10. MIRU Dowell to acidize perfs from 11,200-12,126' 61' 183 holes w/6000 gals 15% HCL per attached treatment schedule. MTP 8500 psi.

11. Swab back load. Rlse pkr. POOH

12. Call Denver for seating nipple depth and downhole production configuration.

Lease Belcher

Well No. 2-33B4

KB. 20'

9 5/8 "OD 36 LB, K-55 CSG. W/ 1070

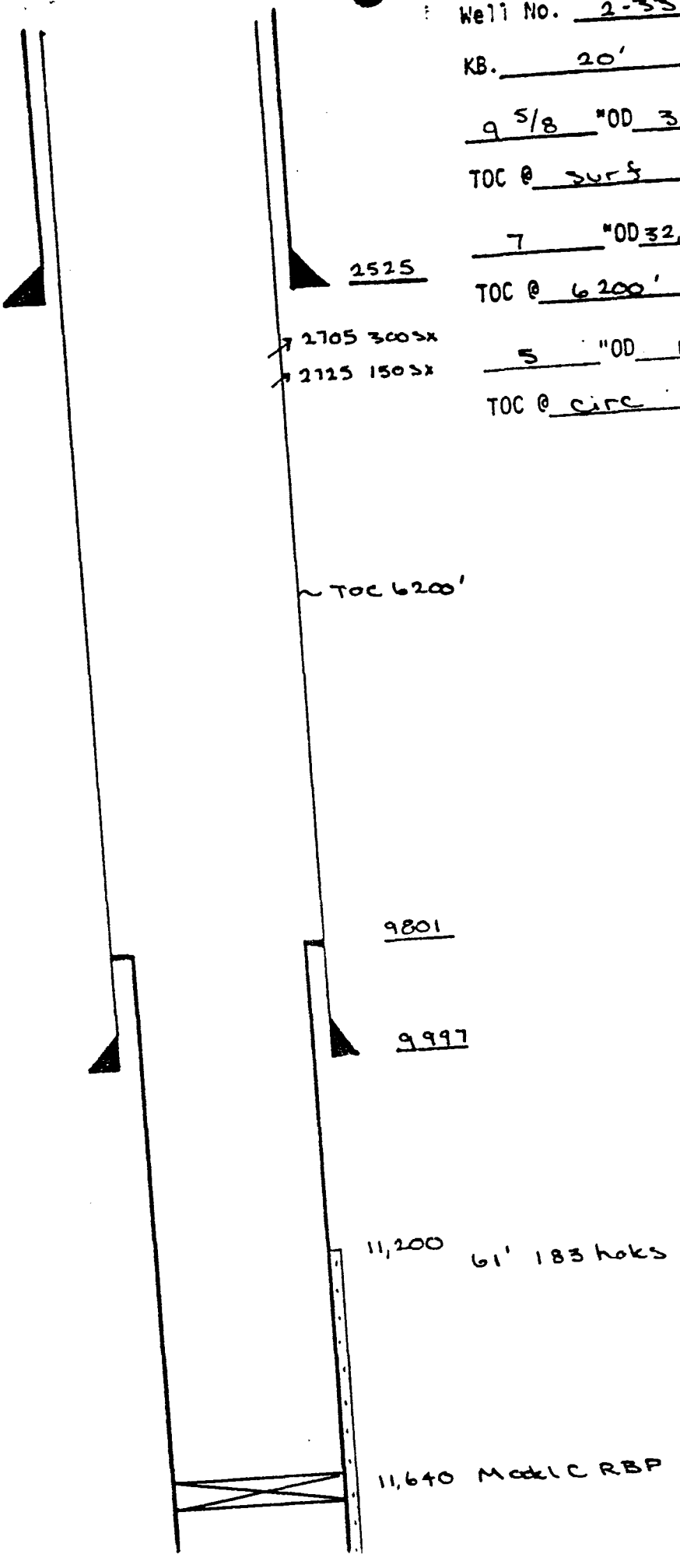
TOC @ surf.

7 "OD 32,29,3 LB, N-80 CSG. W/ 1060

TOC @ 6200'.

5 "OD 18 LB, P-110 CSG. W/ 220

TOC @ circ. TOL 9801



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION RECORD

OPERATOR: COASTAL OIL & GAS COMPANY REP: JIM FOREMAN

WELL NAME: BELCHER #2-33B4 API NO: 43-013-30907

SECTION: 33 TWP: 02S RANGE: 04W COUNTY: DUCHESNE

TYPE OF WELL: OIL: OIL GAS: _____ WATER INJECTION: _____

STATUS PRIOR TO WORKOVER: SOW

INSPECTOR: INGRAM TIME: 9:50 AM DATE: 6/27/95

REASON FOR WORKOVER:

CHANGE OF LIFT SYSTEM: ____ PUMP CHANGE: ____ PARTED RODS: _____

CASING OR LINER REPAIR: Y ACIDIZE: _____ RECOMPLETION: _____

TUBING CHANGE: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: ____

ENHANCED RECOVERY: ____ THIEF ZONE: _____ CHANGE ZONE: _____

ENVIRONMENTAL/DISPOSITION OF FLUIDS USED:

PIT: LINED Y UNLINED ___ FRAC TANK (2) BOPE: Y H2S PRESENT: N

OPERATIONS AT THE TIME OF INSPECTION: TRIP IN HOLE WITH TUBING AND PACKER.

REMARKS:
WILL TRY TO ISOLATE AND REPAIR CASING HOLE. PUSHER TOLD ME LINMAR CLAIMED IT IS AROUND 2700 FEET.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1- LEC
2- LWP 7-PL
3- DTS 8-SJ
4- VLC 9-FILE
5- RJF
6- LWP

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX Change of Operator (well sold)
☐ Designation of Operator
☐ Designation of Agent
☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-8-94)

TO (new operator) COASTAL OIL & GAS CORP
(address) PO BOX 749
DENVER CO 80201-0749

phone (303) 572-1121
account no. N 0230(B) *6-30-95

FROM (former operator) LINMAR PETROLEUM COMPANY
(address) 7979 E TUFTS AVE PKWY 604
DENVER CO 80237
C/O COASTAL OIL & GAS
phone (303) 773-8003
account no. N9523 (A)

Well(s) (attach additional page if needed):

Name	API	Entity	Sec	Twp	Rng	Lease Type
SEE ATTACHED	013 30907					

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-12-94)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 9-21-94)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

Lec 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-30-95)

LWP 6. Cardex file has been updated for each well listed above. 7-12-95

LWP 7. Well file labels have been updated for each well listed above. 7-12-95

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (6-30-95)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) * 25,000 Surety "Trust Land Admin." (Bond Incr. in progress)
U605382-1 (80,000) "United Pacific Ins. Co."

Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

2. A copy of this form has been placed in the new and former operators' bond files. * Upon Compl. of routing.

Yes 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date Oct. 3, 19 94. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
(we don't do this anymore

DTS 2. Copies of documents have been sent to State Lands for changes involving **State leases**.
7-14-95 Sent to Ed Bonner

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: July 27th 19 95.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

* Other Fee & St. Lease wells (non C.A.'s) separate change. (10-4-94)
950626 Blm/SL Aprv. 6-20-95.

WE71/34-35

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: Fee
6. If Indian, Allottee or Tribe Name: Ute
7. If Unit or CA, Agreement Designation: 96-000119
8. Well Name and No.: Belcher #2-33B4
9. API Well No.: 43-013-30907
10. Field and Pool, Or Exploratory Area: Altamont/Bluebell
11. County or Parish, State: Duchesne Co., UT

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Coastal Oil & Gas Corporation
3. Address and Telephone No.: P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description): 2348' FNL & 1085' FWL, Section 33-T2S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[X] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other CO & Acdz	[ ] Dispose Water (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and tru vertical depths for all markets and zones pertinent to this work.)*

Please see the attached chronological history for work performed on the subject well.

SEP 20 1995

14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer Title Environmental & Safety Analyst Date 09/18/95

Sheila Bremer

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 91.16211% COGC/ANR AFE: 10170 R1
TD: 12,254' PBTD: 12,211'
5" LINER @ 9,801'-12,254'
PERFS: 11,200'-12,126'
CWC(M$): 242.0

6/20/95 POH w/pump & rods.
MIRU General Well Service rig #102. RU Delsco. CC: $2,925

6/21/95 Prep to NU BOP.
RU sand line w/overshot to fish for pump @ 9850'. Punch SV. Fish SV. RD Delsco. Well flwg water. CC: $5,325

6/22/95 Prep to kill well w/10# brine.
SITP 1000#. Pmpd 100 bbls down tbg - well still flwg. Hot oiler pmpd 450 bbls treated prod wtr. Well would not circ @ 600#. Pmpd 150 bbls down csg after 50 bbls flow up tbg increase. Circ well down tbg up csg w/500 bbls. Well flwg water up csg & tbg. Circ down tbg, up csg w/800 bbls. Gas cut in water dropped by half. SI well for 10 min - SIP 450#. CC: $9,450

6/23/95 POOH w/wax knife.
Circ down tbg up csg w/275 bbls. Pumpd 300 bbls 10 ppg brine down tbg to kill water flow (csg leak). ND WH, NU BOP. RU OWP. Cut of 2⅞" tbg in pump cavity @ 9698'. RD OWP. POOH w/16 jts 2⅞" tbg - pulling over 15,000# over string wt. CC: $14,800

6/24/95 RIH w/2⅞" tbg.
POOH w/110 jts 2⅞" 8rd tbg. Pressured up to 2000#. POOH w/180 jts 2⅞" 8rd tbg. RIH w/7" wax knife & 24 jts 2⅞" tbg. Circ down tbg up csg. Circ oil out of csg. RIH w/20 jts 2⅞" 8rd tbg - tbg stacked out. Circ down tbg up csg. Took 800# to est circ w/30 bbls. RIH w/20 jts 2⅞" tbg - stacked out. Circ down tbg up csg. Circ csg clean. CC: $18,300

6/25/95 POOH w/2⅞" tbg & 7" wax knife.
RIH w/20 jts 2⅞" tbg. RU hot oiler. Circ down tbg up csg. RIH w/40 jts 2⅞" tbg. Could not circ down tbg up csg. RIH w/141 jts 2⅞" 8rd tbg. POOH w/160 jts 2⅞" tbg - tbg began to flow. Pmpd 25 bbls 10 ppg brine water down tbg. POOH w/122 jts 2⅞" tbg. Hot oiler circ down tbg up csg. CC: $21,600

6/26/95 POOH w/2⅞" & 7" csg scraper, prep to run RBP & pkr to isolate leak.
POOH w/84 jts 2⅞" 8rd tbg & 7" wax knife. LD wax knife. RIH w/7" RBP, pkr & 15 jts 2⅞" 8rd tbg - stacked out on paraffin. PU 15 jts 2⅞" tbg, 7" pkr & RBP. RIH w/7" csg scraper & 222 jts 2⅞" tbg to 7090'. (Water & paraffin coming out of tbg & csg while RIH.) Pump 50 bbls treated wtr, 30 bbls diesel & 40 BW. POOH w/60 jts 2⅞" 8rd tbg. Well began to flow. Pump 25 bbls 10 ppg brine. POOH w/86 jts 2⅞" tbg. Spot 10 bbls diesel @ 2019'. CC: $28,000

6/27/95 Isolate csg leak.
POOH w/74 jts 2⅞" 8rd tbg, 7" csg scraper. PU 7" pkr & RBP - could not get pkr & RBP to go. LD pkr. RIH w/7" RBP & 222 jts 2⅞" 8rd tbg. Set RBP @ 7090'. (Log showed collar @ 7078', cmt bond @ 7050'.) POOH w/222 jts 2⅞" tbg & retrieving tool. RIH w/7" pkr w/retrieving tool & 108 jts tbg. Set pkr @ 3589'. Could not get test on tbg. RIH w/40 jts 2⅞" tbg, set pkr @ 4879' - could not get test on tbg. RIH to 5009'. CC: $38,550

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 91.16211% COGC/ANR AFE: 10170 R1

6/28/95 Prep to run csg inspection log.
Set pkr @ 5009'. Test down tbg - tested to 2000#. Found 2 sets of leaks. Btm leak @ 4090' to 4154'. Top leak @ 2745' to 2778'. Isolate 7" csg leak @ 4090'-4154'. Est inj @ 5 BPM, 500#. Isolate top leak @ 2745'-2778'. Est inj @ 4 BPM, 400#. POOH w/90 jts 2⅞" 8rd tbg & 7" MSOT pkr. RU Cutters WL. Ran bailer w/4 sx bauxite sand on top RBP @ 7090'. RD Cutters WL. RIH w/38 jts 2⅞" 8rd tbg. CC: $44,409

6/29/95 Prep to squeeze csg leaks.
Circ well w/200 bbls hot wtr. POOH w/36 jts 2⅞" 8rd tbg & 7" wax knife. RU Schlumberger. Ran PAL log from 4240' to 100' - could not run log deeper than 4240'. RD Schlumberger. RIH w/7" HD pkr & 90 jts 2⅞" 8rd tbg. Set 7" HD pkr @ 2949'. Pump 120 BW down csg out into leak @ 2745'- 2778' @ 4.5 BPM, 1200#. Did not est circ on 7" - 9⅝" annulus. Pump 100 BW down tbg into leak @ 4090'-4154' @ 5 BPM, 600#. Had only slight returns up annulus @ 0.25 BPM. Release 7" HD pkr. PU 12 jts 2⅞" tbg (pkr @ 2516'). CC: $51,539

6/30/95 POOH w/2⅞".
Set 7" HD pkr @ 2519'. RU Halliburton. Squeeze holes in csg @ 2745'-2778' and 4090'-4154' w/400 sx Thixotropic cmt, 30 bbls Flocheck (107 bbls cmt, 14.4 ppg). Displace w/20 BW, 210 sx cmt in csg, 190 sx cmt into holes. Est TOC @ 2623'. Release pkr. Reverse out w/30 BW. Set pkr @ 2519' w/500# on squeeze. WOC. CC: $68,409

7/1-2/95 WOC, SD for weekend.

7/3/95 RU Halliburton, prep to squeeze.
Release 7" HD pkr. PT to 2000# - held. POH w/34 jts 2⅞" 8rd tbg. LD 24 jts 2⅞" tbg & 7" HD pkr. RIH w/6" drag bit & 80 jts 2⅞" 8rd tbg. Tagged cmt @ 2588'. Mill from 2588' to 2600', fell thru to 2720'. Mill to 2770'. PT squeeze to 1200# - pressure broke back to 500#. Pump-in @ 5 BPM, 500#. POOH w/86 jts 2⅞" tbg & 6" bit. RIH w/7" HD pkr & 78 jts 2⅞" tbg, set pkr @ 2519'. PT annulus to 2000#. CC: $71,859

7/4/95 Release 7" pkr.
RU Halliburton to squeezed hole @ 2745' w/30 bbls Flocheck, 200 sx Thixotropic & 100 sx neat cmt. Staged to 2000# w/280 sx into leak (est TOC @ 2644'). Release pkr & reverse out tbg w/30 BW. Set pkr @ 2519' & leave 2000# on tbg. CC: $84,654

7/5/95 Prep to resqueeze.
PT squeeze 2000# - held. Release 7" HD pkr. POOH w/78 jts 2⅞" tbg & 7" pkr. RIH w/6" drag bit & 80 jts 2⅞" tbg. Tag cmt @ 2605'. Mill out cmt to 2772'. Pressure test. Est inj rate @ 2 BPM, 1500#. Circ hole clean. POOH w/148 jts 2⅞" to 1279'. Circ well clean. CC: $86,904

7/6/95 WOC.
Est inj rate @ 1.5 BPM, 1800 psi. ISIP 1200#, 15 min SIP 400#. Bled off pressure - hole flwd back 0.25 BPM. POOH w/40 jts 2⅞" tbg & 6" drag bit. RIH w/7" pkr & 78 jts 2⅞" 8rd tbg. Set pkr @ 2519'. PT csg to 2000#. RU Halliburton. Sqz hole in csg w/150 sxs Thixotropic cmt, 39 bbls of cmt pmpd into fmn, 3.7 bbls in csg. Est TOC @ 2661'. Release pkr & reverse out tbg w/30 bbls. POOH w/12 jts 2⅞" tbg & reset pkr @ 2135'. Left 2000# on tbg. CC: $94,429

7/7/95 WOC.

BELCHER #2-33B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 91.16211% COGC/ANR AFE: 10170 R1

7/8/95 WOC.
Release pkr. POOH w/66 jts 2⅞" tbg & 7" pkr. RIH w/6" drag bit & 81 jts 2⅞" tbg. Tag cmt @ 2604'. Milled cmt from 2604' to 2770'. PT to 2000#, pump-in @ 0.5 BPM, 2000#. Spot 50 sx Type V cmt @ 2748'. Bullhead sqz to 2250# w/9 sx into sqz, 41 sx in csg. Pull tbg to 2141', rev out tbg w/30 bbls. Left 2250# on sqz. WOC. CC: $100,290

7/9/95 WOC.

7/10/95 Drlg cmt @ 2895'.
RIH w/15 jts 2⅞" tbg. Tag TOC @ 2549'. Drld cmt from 2549' to 2768', PT csg to 2000#. Drill cmt from 2768'-2798', PT csg to 2000#. Drill cmt from 2798'-2895', PT csg to 2000#. PU off btm to 2862'. CC: $103,573

7/11/95 Drlg cmt @ 3181'.
RIH to 2895'. Drld cmt from 2895' to 2989', PT csg to 2000#. Drill cmt from 2989' to 3085', PT csg to 2000#. Drill cmt from 3085' to 3181', PT csg to 2000#. (Drld a total of 286'/8½ hrs.) PU to 3149'. CC: $106,243

7/12/95 WOC.
Drld cmt from 3180' to 3278'. Attempt to PT csg to 2000#, pump-in @ 4 BPM, 1000#. Have water flow back @ 21 BPH. POH & LD 6" drag bit. RIH w/7" pkr & isolate leak @ 3085-3278'. Set pkr @ 2831'. Sqz'd leak w/30 bbls Flocheck and 400 sx Thixotropic cmt (14.2 ppg) to 500#. Have 392 sx in sqz, est TOC @ 3037'. Release pkr & reverse out w/30 bbls. WOC. CC: $121,810

7/13/95 WOC, prep to POH w/pkr.

7/14/95 Prep to POH w/pkr & drill out squeeze.
Release pkr & POH. RIH w/6" bit, drld cmt from 2844' to 3087', test csg to 2000#. Drld cmt from 3087' to 3120'. PT - no test. Pump-in @ 4 BPM, 1600#. Flow back 29 BPH. Drld cmt from 3120' to 3346'. Pump-in @ 4 BPM, 1200#. Flow back 25 BPH. (Have strong water flow when SD.) POOH to 2705'. CC: $125,809

7/15/95 WOC.
POH w/6" bit. RIH w/7" pkr, SN & 88 jts 2⅞" tbg. Set pkr @ 2831'. Test to 1500#. RU Halliburton. Sqz leak @ 3087'-3346' w/20 bbls Flocheck, 400 sx Thixotropic cmt (14.2 ppg) & 300 sx Class H (16.4 ppg) to 500#. Displace w/24 bbls. No squeeze. Max pressure during job, 1450# @ 4.7 BPM. (Est TOC @ 3033'.) Release pkr & reverse out w/36 bbls. WOC. CC: $142,830

7/16/95 SD for Sunday.

7/17/95 Prep to POH w/pkr & drill out squeeze.
PT to 2000#. Release pkr. POOH & LD 88 jts 2⅞" N-80 tbg & 7" 32-A pkr. RIH w/6" drag bit & 96 jts 2⅞" N-80 tbg. Tagged cmt @ 2950'. Mill from 2950' to 3092'. All tests were good to 2000#. Circ well clean. CC: $150,405

7/18/95 RU Halliburton.
Continue milling on cmt from 3092' to 3124'. Pump-in @ 1 BPM, 2000#. Mill to 3252'. Test every 30' with the same pump-in rate. Mill down to 3288'. (Milled 192' cmt/6 hrs.) Inj rate increased to 3½ BPM, 1200#. POOH w/102 jts 2⅞" N-80 tbg & 6" drag bit. RIH w/7" 32-1 pkr & 91 jts 2⅞" tbg. Set pkr @ 2946'. Test csg to 2000#. CC: $153,980

BELCHER #2-33B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 91.16211% COGC/ANR AFE: 10170 R1

7/19/95 WOC.
RU Halliburton. Sqz'd leak @ 3092'-3288' w/400 sx Thixotropic cmt (14.4 ppg). Halliburton inj rate 2.5 BPM @ 1150#. Pmpd 30 BFW, 30 bbls $CaCl_2$, 2 BFW, 30 bbls Flocheck, 2 BFW, 107 bbls Thixotropic cmt. Squeezed to 2000#. Left 382 sx in formation, 18 sx in csg (TOC @ 2968'). Rls'd pkr, reversed out tbg w/30 BW. Set pkr @ 2946'. Left 2000# on squeeze. WOC. CC: $168,676

7/20/95 Prep to POH w/pkr & DO squeeze.
WOC.

7/21/95 Drlg cmt.
Release pkr & POOH w/91 jts 2⅞" tbg & 7" 32-A pkr. RIH w/6" drag bit & 92 jts 2⅞" tbg. Tagged cmt @ 2974'. Drill cmt from 2974' to 3317'. PT at every jt to 3284'. At 3317', pressure dropped to 1000#/15 min. PU to 3284'. CC: $172,426

7/22/95 POOH w/2⅞" tbg & mill.
PT @ 3317'. Bled off 1000#/15 min. Mill cmt from 3317' to 3349', pump-in @ 2½ BPM @ 1500#. Drld to 3414', pump-in @ 4 BPM, 1200#. Drld to 3637', pump-in @ 4½ BPM, 1300#. Circ well clean. LD 21 jts 2⅞" tbg to 2950'. CC: $177,528

7/23/95 WOC.
POOH w/92 jts 2⅞" tbg and 6" drag bit. RIH w/MSOT 7" 32-A pkr and 92 jts 2⅞" 8rd tbg. Set pkr @ 2967'. RU Halliburton. Squeeze leak @ 3317'-3637' as follows: Pump 30 bbls $CaCl_2$, 2 BFW, 30 bbls Flocheck, 2 BFW, 400 sx Thixotropic cmt. Displace tbg w/29 bbls, 2 bbls cmt in csg, 112 bbls in fmn. Est TOC @ 3264'. Release pkr & POOH w/6 jts 2⅞" tbg. Reverse out tbg w/40 bbls. Set pkr @ 2776'. Shut well in w/800#. CC: $192,974

7/24/95 Prep to POH w/pkr & DO squeeze.
WOC.

7/25/95 Prep to POH w/bit & resqueeze.
PT to 2000#. Rls pkr. POOH w/86 jts tbg & 32-A pkr. RIH w/6" drag bit & 97 jts 2⅞" tbg. Tagged cmt @ 3123'. Drld cmt @ 3123'-3187', pump-in @ 0.5 BPM, 2000#. Drld cmt to 3286', fell thru to 3316'. Pump-in @ 4.5 BPM, 1600#. Drld cmt to 3380', pump-in @ 4.5 BPM, 1600#. POOH w/2⅞" tbg, drag bit @ 2678'. CC: $195,774

7/26/95 Prep to POH w/bit & resqueeze.
Evaluating squeeze options.

7/27/95 Prep to DO squeeze.
POOH w/82 jts 2⅞" 8rd tbg & 6" drag bit. RU Cutters WL. Shot 4 squeeze holes @ 3300'. RD Cutters. RIH w/7" 32-A pkr & 90 jts 2⅞" 8rd tbg, set pkr @ 2912'. RU Halliburton to squeeze leak @ 3187'-3380' w/110 sx Thixotropic cmt (14.2 ppg) & 110 sx Type V cmt (16.2 ppg) w/3% KCl, CFR-3, Halad-344. Est inj rate 4.2 BPM, 1800#. Sqz'd in 3-stages w/20 bbls 10% $CaCl_2$, 2 BFW, 20 bbls Flocheck, 2 BFW, 10 bbls Thixotropic cmt (14.2 ppg), 2 BFW, 10 bbls Flocheck, 2 BFW, 10 bbls Thixotropic cmt (14.2 ppg), 2 BFW, 10 bbls Flocheck, 2 BFW, 10 bbls Thixotropic cmt (14.2 ppg), 2 BFW, 10 bbls flocheck, 2 BFW, 21 bbls Type V cmt (16.2 ppg). Displace w/22.5 bbls. Left 5.5 bbls cmt in csg, 45.5 bbls cmt in fmn. Est TOC @ 3027'. Release pkr & rev out w/40 bbls. Set pkr, SI well w/2000# on tbg. RD Halliburton. CC: $216,179

BELCHER #2-33B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 91.16211% COGC/ANR AFE: 10170 R1

7/28/95 Prep to pull pkr & DO squeeze.
PT to 2000#. Release pkr. POOH w/90 jts 2⅞" 8rd tbg & 7" pkr. RIH w/6" drag bit & 92 jts 2⅞" tbg. Tagged cmt @ 3026'. DO cmt from 3026' to 3185', PT to 2000#. Drld to 3316', PT to 2000# - bled to 1100#/15 min. PU to 3285'. CC: $219,529

7/29/95 RU Halliburton, prep to acidize.
PT cmt @ 3316', bled off 900#/15 min. DO cmt to 3340', fell thru & tagged cmt @ 3385'. PT every 32', pressure bled off to 3385'. DO cmt to 3397', pump-in @ 1.5 BPM, 2000#. Drld to 3477', pump-in @ 1.5 BPM, 1900#. Drld to 3605', pump-in @ 2 BPM, 1800#. Drld to 3637' w/same rate/pressure. LD 19 jts 2⅞" tbg. POOH w/92 jts 2⅞" tbg & 6" drag bit. RIH w/7" 32-A pkr & 90 jts 2⅞" tbg. Set pkr @ 2917'. PT csg to 1500#. CC: $222,279

7/30/95 PT squeeze.
RU Halliburton. Squeeze leak @ 3316'-3637' w/200 sx Thixotropic cmt + 3% KCl, .2% CFR-3, 2% Halad-344. Est inj rate 2.5 BPM, 1500# as follows: Pump 10 BFW, 39 bbls Thixotropic cmt. Displace tbg w/21.5 bbls. Squeeze to 2000#. Release pkr. Reverse out tbg w/34 bbls. Set pkr @ 2917'. SI w/2000# TP & 1500# CP. Left 36 sx cmt in csg, 164 sx cmt in fmn. Est TOC @ 3036'. CC: $230,671

7/31/95 DO cmt.
PT to 2000#. Release pkr. POOH w/90 jts 2⅞" 8rd tbg & 7" pkr. RIH w/92 jts 2⅞" 8rd tbg, tagged cmt @ 2982'. Drill cmt from 2982' to 3189' (tested every 32'). All tests to 2000#. CC: $233,321

8/1/95 DO cmt @ 3414'.
DO sqz from 3189' to 3414' (tested every 32'). All tests to 2000#. Circ well clean. CC: $236,071

8/2/95 Drlg cmt @ 3829'. Drill cmt from 3414' to 3448'. Fell thru to 3829'. (Tested every 32' to 2000#.) Test @ 3446', bled off 900#/15 min. Drld to 3732', pump-in 2 BPM, 2000#. Drill to 3829'. Circ well clean. CC: $238,821

8/3/95 Drlg cmt @ 3957'.
Drld cmt from 3829' to 3925', PT every 32'. Pump-in @ 2 BPM, 2000#. Drld cmt to 3957', pump-in @ 4.5 BPM, 1700#. Circ well clean. LD 31 jts 2⅞" tbg. POOH w/92 jts 2⅞" tbg & 6" drag bit. RIH w/6" drag bit & 122 jts 2⅞" tbg. Tagged cmt @ 3957'. CC: $241,571

8/4/95 RIH w/pkr.
Drill cmt from 3957' to 4105', fell thru to 4150'. Circ well clean. POOH w/128 jts 2⅞" tbg & 6" drag bit. Tests @ 3987', 4019', 4052', 4084' - inj 2 BPM @ 2000#. Test @ 4105' - inj 5 BPM @ 1100#. CC: $244,521

8/5/95 Prep to release pkr & POOH.
RIH w/7" 32-A pkr & 84 jts 2⅞" tbg. Set pkr @ 2712'. PT csg to 1500#. RU Halliburton to squeeze holes @ 3348', 3732', 3957' & 4105'. Est inj rate @ 3.5 BPM, 1000#. Sqz'd w/400 sx cmt (14.2 ppg) w/10 pps gilsonite. Locked up w/17 bbls cmt in tbg, 115 sx cmt in fmn, 224 sx cmt in csg. Reverse out tbg w/140 bbls. Est TOC @ 2715'. SI well w/2000# on tbg, 1500# on csg. CC: $272,261

8/6/95 SD for Sunday.

8/7/95 WOC, prep to DO cmt.
Release pkr @ 2712'. POOH w/84 jts 2⅞" tbg & pkr. RIH w/6" drag bit & 85 jts 2⅞" tbg. Tagged cmt @ 2738'. Drill cmt from 2738' to 3286'. PT csg every 32' to 2000#. CC: $275,061

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (REPAIR CASING, CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 91.16211% COGC/ANR AFE: 10170 R1

8/8/95 Drlg cmt @ 3766'.
Drill cmt from 3286' to 3766'. PT csg every 32' to 2000#. Circ well clean. CC: $274,319

8/9/95 LD 2⅞" tbg.
LD 32 jts 2⅞" workstring. RIH w/32 jts 2⅞" prod tbg. Drill cmt from 3766' to 4060'. PT csg every 32' as follows:
3766' to 3924', PT to 2000# - held.
3924' to 3957', 1½ BPM @ 1300#.
3957' to 4021', 1½ BPM @ 1300#.
4021' to 4053', 5 BPM @ 1300#.
Flow back 4 BPH. CC: $277,719

8/10/95 RD, clean location.
LD 192 jts 2⅞" prod tbg. Left 112 jts 2⅞" prod tbg in well. ND BOP, NU WH. CC: $287,419

8/11/95 Operations suspended.
RD General Well rig #102. Drop from report until further activity.
CC: $307,941

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: Fee
6. If Indian, Allottee or Tribe Name: Ute
7. If Unit or CA, Agreement Designation: 96-000119
8. Well Name and No.: Belcher #2-33B4
9. API Well No.: 43-013-30907
10. Field and Pool, Or Exploratory Area: Altamont/Bluebell
11. County or Parish, State: Duchesne Co., UT

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Coastal Oil & Gas Corporation
3. Address and Telephone No.: P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description): 2348' FNL & 1085' FWL, Section 33-T2S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other install liner, perf & acdz	[ ] Dispose Water (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and tru vertical depths for all markets and zones pertinent to this work.)*

The operator proposes to install a tie-back liner across damaged casing, then perforate and acidize in the subject well
Please see the attached procedure for details on the work to be performed.

14. I hereby certify that the foregoing is true and correct

Signed: Sheila Bremer Title: Environmental & Safety Analyst Date: 01/14/97
Sheila Bremer

(This space for Federal or State Office use)

APPROVED BY: [signature] Title: Petroleum Engineer Date: 1/27/97
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Belcher #2-33B4
Section 33, T2S R4W
Altamont Field
Duchesne Co., Utah

Install Tie-back, Perforate, & Acidize Procedure

WELL DATA

Location:	1085' FWL	2348' FNL
Elevation:	6179' GL	6199' KB
Total Depth:	12,254'	12,211' PBTD

Casing:
9-5/8" 36# K-55 ST&C set @ 2525'. Cmt'd w/ 1070 sxs. Circ to surface.
7" 32# & 29# N-80 LT&C, 26# N-80 Butt. Set @ 9997'. Cmt'd w/ 1060 sx.
5" 18# P-110 SFJP. Set @ 12,254' TOL @ 9801'. Cmt'd w/ 220 sxs. Circ cmt.

TUBULAR DATA

Description	ID	Drift	Capacity (BPF)	Burst (PSI)	Collapse (PSI)
9-5/8" 36# K-55	8.921	8.765	.0773	3520	2020
7" 32# N-80	6.094	5.969	.0360	9060	8600
7" 29# N-80	6.184	6.059	.0371	8160	7020
7" 26# N-80	6.276	6.151	.0382	7240	5410
5" 18# P-110	4.276	4.151	.0177	13940	13450
5" 18# N-80	4.276	4.151	.0177	9910	10490

WELL HISTORY

See Detail

PRESENT STATUS

SI

PROCEDURE

1) MIRU NUBOPE POOH w/ tubing. PU & RIH w/ 6" drag bit. Tag cmt top @ ±4060'. Drl out cmt. Circ out bauxite on top of RBP @ ±7090'. POOH

2) PU & RIH w/ retrieving head. Rls RBP & POOH.

3) PU & RIH w/ overshot and jars. Latch on to 2-7/8" tbg stub @ 9687'. Rls and jar free Baker R-3 pkr @ 10,054'. POOH

4) PU & RIH w/ 5" RBP & pkr. Set RBP @ ±9900'. Press tst RBP to 2000 psig. POOH w/ pkr

5) RU wireline service company. Dump 1 sack of sand on RBP.

6) TIH w/ Baker tie-back milling assembly and dress out Brown Oil Tools Type CPH liner pkr w/6' extension w/5-1/4" seal bore (5-3/4" OD, 5-1/4" ID) @ 9801'.

7) RU csg jacks. PU & RIH w/ Baker liner tie-back stem w/ 3 sets of Molyglass Seals **(3- 3/4" holes should be drilled 120° apart in tie-back Stem between top 2 seal units)** w/ 5-1/4" seal OD 6' long with 5" 18 lb/ft 8rd Box, 1 jt 5" 18 N-80 csg, float collar, ±2360' 5" 18# N-80 casing w/ Atlas Bradford STL connections, Baker Model "HMC" hydraulic set liner hanger size 5" 18#/ft x 7" 26 lb/ft & Baker Model "Hyflo III" liner packer w/ "RH" Profile w/6' Type II tieback extension size 5" 18lb/ft x 7" 26 lb/ft, & 3-1/2" 9.3# N-80 EUE work string. Utilize the following procedure:

A) Run liner assembly as shown on attached drawing and stab Tieback Stem into Tieback Extension of existing liner at 9,806'. Holes in Tieback Stem between top 2 seal units will be covered once all 3 seal units are inside of Tieback Extension. Test to 500 psig.

B) Pick up Tieback Extension slowly until ports are exposed.

C) Pump cement as shown on the attached Halliburton cementing recommendation.

D) Lower liner string until ports in Tieback Extension are closed.

E) Apply pressure to set Liner Hanger. **Set liner weight w/ 12,000# compression.**

F) Apply right hand rotation to remove the Liner Setting Tool from the Liner Packer.

G) Pick up to expose pkr setting dogs. Slack off weight (12,000 lb) to set Liner Packer. TOH w/ 3-1/2" tubing 400' above liner top and reverse out tubing. LD 3-1/2" tbg.

8) TIH w/6-1/8" bit & casing scraper on 2-7/8" tbg. Clean out 7" casing to top of liner @ ±2400'. Pressure test casing annulus to 1500 psig.

9) TIH w/ 4-1/8" bit, casing scraper and drill out liner hanger, liner and packoff bushing. Press tst liner to 1500 psig. RIH to RBP @ ±9900'. Reverse sand off RBP. POOH.

10) TIH w/ retrieving head for 5" RBP. Rls RBP & POOH.

11) TIH w/5" CO tools. CO to RBP @ 11,640'. POOH.

12) TIH w/ retr head. Rls RBP @ 11,640'. POOH.

13) RIH 4-1/8 mill & CO tools. CO 5" liner to PBTD @ ±12,211'. POOH

14) RU wireline service company. RIH w/ 3-1/8" casing gun, 120° phasing, 3 spf. Perforate the Wasatch interval:

11,209' to 12,190', 37 settings, 111 total holes

Per the attached schedule

Tie into OWP CBL-GR log Run #1 (11-2-84). Record all fluid level and pressure changes. Monitor well conditions.

15) PU & RIH w/ 5" treating pkr on 2-7/8" 6.5# N-80 tbg. Hydro test tbg in hole to 8500 psig. Set pkr @ ±10,050'. Press tst backside to 1500 psig.

16) Acidize Wasatch perforations from 11,200' to 12,190', 294 total holes (183 old, 111 new) w/ 8900 gals 15% HCl, RS & BAF diverter, and 440 1.1 sg BS's per the attached schedule. Hold 1500 psig on 2-7/8" x 5" annulus. MTP: 9500 psig. Note: all fluids to should be heated to 150°F.

17) Swab/flow back acid load. Record inflow rates, fluid levels, and oil cut. Consult with Denver office. If the aforementioned measurements are favorable. Rls the pkr & POOH. Proceed to step **18)**. If rates are not favorable proceed to step **19)**.

18) RIH w/ Baker packer style gas anchor on 2-7/8" tubing. Set pkr @ ±10,000'. PU & RIH w/ rods. Consult with Denver office for pump size and rod design.

19) Pending the results of swab rates recorded in step17) set either a RBP or CIBP at ±11,200'. If a RBP is used, run a wireline set RBP and ball catcher. RIH w/3-1/8" csg gun, 120° phasing, 3 spf. Peforate the Wasatch

10,175' to 11,181', 61 settings, 183 tot holes

Per the attached schedule

Tie into OWP CBL-GR log Run #1 (11-2-84).

20) PU & RIH w/ 5" pkr (and retrieving head if RBP was run) on 2-7/8" 6.5 N-80 tubing set pkr at ±10,050'. Press tst backside to 1500 psig.

21) Acidize Wasatch perforations from 10,175' to 11,181', 183 total holes w/5500 gals 15% HCL & 270 1.1 sg BS's per the attached schedule MTP: 9500 psig. Note: all fluids should be heated to 150°F.

22) Swab/flow back acid load. If necessary kill well with filtered fresh water treated w/ a clay inhibitor.

23) Rls pkr. If a RBP was used, RIH. Rls RBP & POOH.

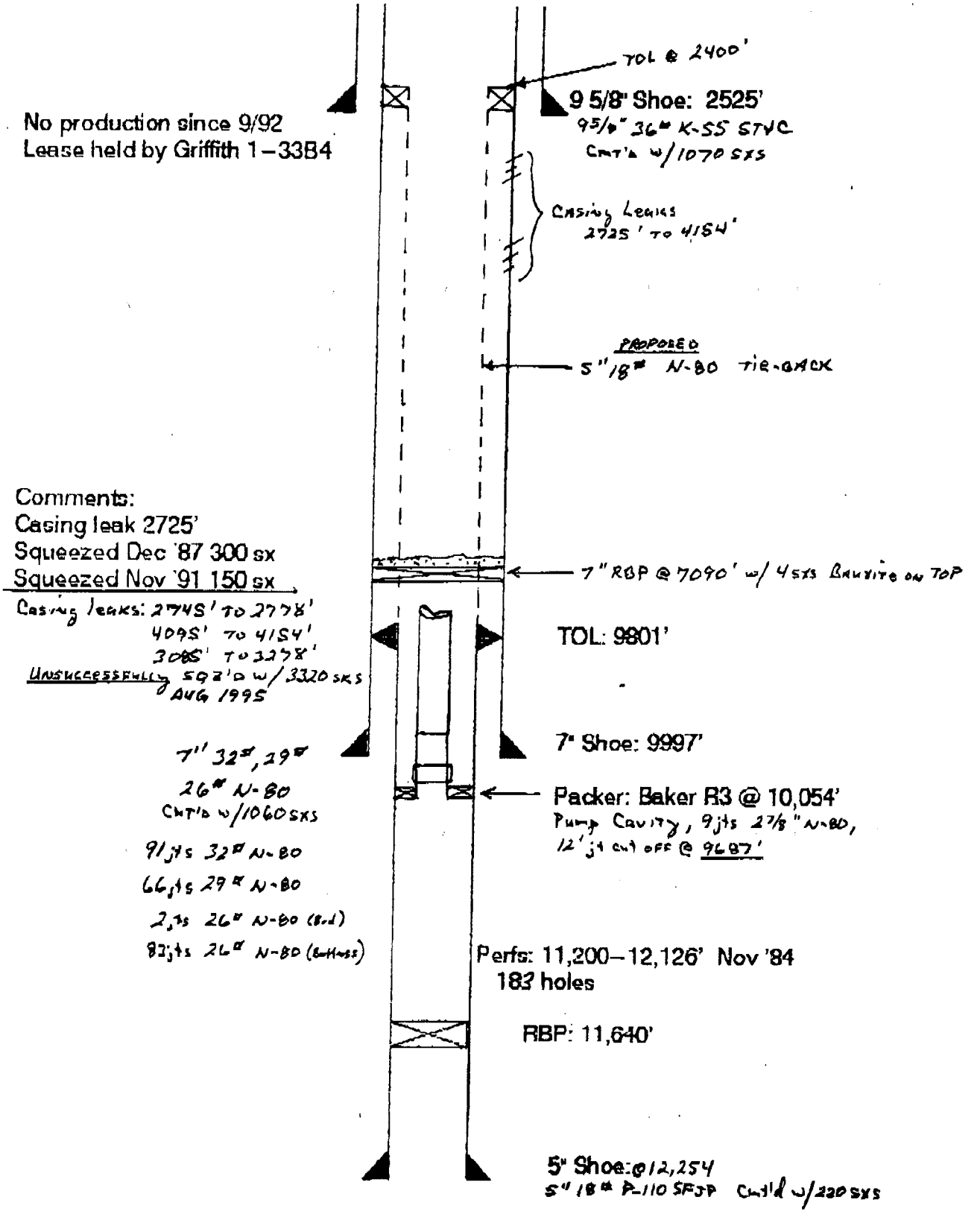
24) RIH w/ production equipment as stated in step 18). Return well to production.

S.C. PRUTCH
11/26/96

BELCHER 2-33B4

Sec 33; 2S; 4W

PRESENT WELLBORE SCHEMATIC



Greater Altamont Field, Utah
COASTAL BELCHER #2-33B4
SWNW Sec. 33, T2S, R4W

Perforation Schedule

Reference Log: O.W.P. CBL-GR
Run #1 (11-2-84)

10,175	10,612	11,018	11,602
10,179	10,621	11,034	11,622
10,183	10,633	11,065	11,627
10,188	10,674	11,073	11,636
10,194	10,686		11,643
		11,104	11,648
10,255	10,708	11,113	11,652
10,282	10,716	11,144	11,658
10,292	10,741	11,153	11,675
10,297	10,746	11,164	
	10,775	11,181	11,734
10,304	10,779		11,750
10,307		11,209	11,755
10,314	10,802		11,779
10,347	10,814	11,371	11,786
10,353	10,838	11,375	
10,364	10,846	11,393	11,932
10,379	10,884		11,968
10,391	10,891	11,401	11,998
		11,437	
10,419	10,901	11,499	12,035
10,427	10,912		12,073
10,475	10,915	11,524	
	10,922	11,540	12,115
10,506	10,948	11,582	12,121
10,522	10,955		12,131
10,550	10,984		12,141
10,575	10,994		12,152
10,586			12,162
10,598			12,182
			12,190

Part I

TOTAL: 98 feet

P. T. Loeffler
9-7-95

F:\user\pt\3-33B4PF.wk4

Well Name: Belcher #2-33B4 Date: 1/13/97

Lower Interval

Fluid Description	Stage #	3% KCl (Gal)	Gelled 10 ppg Brine (Gal)	15 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	2,100			
Acid	2			1,500	70
Divertor	3		2,000		
Acid	4			3,000	150
Divertor	5		1,000		
Acid	6			4,400	220
Flush	7	4,200			
Totals	(gals):	6,300	3,000	8,900	440, 1.2 S.G.
	(bbls):	150	71	212	

Gelled Saltwater to contain: _1/2_ppg BAF

_1/2_ppg Rock Salt

__0__ppg Wax Beads

__Y__Crosslinked? YF140 Crosslinked gel

Perforations from 11,200' -12,190'

Packer set @ 10,050'.

Hold 1,500 psi on annulus

Treatment down 2 7/8" tubing @ 9,500 psi MTP

Well Name: Belcher #2-33B4 Date: 1/13/97

Upper Interval

Fluid Description	Stage #	3% KCl (Gal)	15 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	2,100		
Acid	2		5,500	270
Flush	3	3,100		
Totals	(gals):	5,200	5,500	270, 1.2 S.G.
	(bbls):	124	131	

Perforations from 10,175' -11,181'

Packer set @ 10,050'

Hold 1,500 psi on annulus

Treatment down 2 7/8" tubing @ 9,500 psi MTP

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: Fee
6. If Indian, Alottee or Tribe Name: Ute
7. If Unit or CA, Agreement Designation: 96-000119
8. Well Name and No.: Belcher #2-33B4
9. API Well No.: 43-013-30907
10. Field and Pool, Or Exploratory Area: Altamont/Bluebell
11. County or Parish, State: Duchesne Co., UT

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Coastal Oil & Gas Corporation
3. Address and Telephone No.: P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description): 2348' FNL & 1085' FWL, Section 33-T2S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Install Liner, Perf & Acdz	[ ] Dispose Water (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and tru vertical depths for all markets and zones pertinent to this work.)*

Please see the attached chronological history for work performed on the subject well.

RECEIVED
APR 11 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed: Sheila Bremer — Title: Environmental & Safety Analyst — Date: 04/10/97
Sheila Bremer

(This space for Federal or State office use)

APPROVED BY _____ Titl _____ Dat _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE:
TD: 12,254' PBTD: 11,640'
5" @ 9801'-12,254'
PERFS: 11,200'-12,126'
CWC(M$): 429.3

1/30/97 **RU pwr swivel & DO cmt.**
MIRU. ND BH, NU BOP. POOH w/2⅞" tbg, PU & RIH w/6" drill bit & 2⅞" tbg. Tag cmt @ 4219', NU stripper head. CC: $4771.

1/31/97 **RIH w/retr head.**
PU power swivel drlg cmt from 4219' to 4266', fell free. Circ hole clean, RD power swivel. PU & RIH w/90 jts 2⅞" tbg, tag sand @ 7082'. PU power swivel. Rotate & circ sand off the top of the 7" RBP @ 7094'. Circ hole clean. POOH & LD 6" drag bit. PU MSOT retr head, RIH, EOT @ 4045'. CC: $8303.

2/1/97 **PU fishing tools.**
RIH w/96 jts 2⅞" tbg to top of 7" RBP @ 7094', circ down & latch onto RBP, circ hole clean. Rel RBP, go down hole 6 jts to be sure latched good. POOH w/229 jts 2⅞" tbg, lay dn tools & RBP. CC: $10,945.

2/2/97 No activity.

2/3/97 **PU & RIH w/5¾" OS w/2⅞" grapple & 6' extension.**
PU & RIH w/5¾" OS w/2⅞" grapple, BS, jars, 6-4¾" DC, tag fish top @ 9729'. Latch fish & jar 3 times up to 30,000# over, OS slipped off - could not relatch. POOH. PU OS w/6' extension to get deeper bite. CC: $20,187.

2/4/97 **PU & RIH w/5" RBP & pkr.**
PU & RIH w/5¾" OS w/2⅞" grapple, tag fish top, work down over fish to 9737'. Set jars off @ 30,000# four times, POOH dragging 30,000-40,000# over until pkr came free. POOH w/2⅞" tbg, fish tools, 5¾" OS, 15' cutoff 2⅞" tbg, 9 jts 2⅞" tbg, single cavity & 5" R-3 pkr. RIH w/fishing tools, POOH & LD tools. CC: $27,177.

2/5/97 **RIH w/liner dress-out tools.**
RIH w/5" RBP & pkr, set RBP @ 9900'. Tst plug to 1500#. POOH w/pkr. RU WL. Dump 1 sk sd on RBP. CC: $33,900

2/6/97 **POOH w/2⅞" tbg.**
PU & RIH w/5 3/16"tieback milling assembly & 2⅞" tbg, tag 6" LT @ 9601'. RU drlg equip & dress out liner. POOH w/2⅞" tbg, EOT @ 2700'. CC: $38,926.

2/7/97 **NU load 5" csg clean & drift.**
POOH w/2⅞" tbg & 5-3/16" tieback milling assembly, showed that LT was dressed out. Change equip over to run 5" liner. CC: $40,457.

2/8/97 **Prep to PU & RIH w/5" csg.**
Unload, tally, drift & clean threads on 169 jts - 7470' - 5" 18# N-80 STL liner. CC: $42,961.

2/9/97 No activity.

2/10/97 **PU 3½" tbg.**
RU csg equip, PU & RIH w/5" tieback stem, 1 jt 5" 18# N-80 STL csg, FC, 168 jt 5" 18# N-80 STL liner, hydraulic set hanger & pkr. RIH on 3½" P-110 workstring to 8100'. CC: $58,743.

2/11/97 **Change out shear pins & RIH.**
PU & RIH w/15 jts 3½" tbg. Found out shear pins in liner hanger not set high enough for dif press during cmt job. POOH w/34 jts 3½" tbg. SD. WI shear pins for liner hanger. CC: $64,276.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE: 26832/26833

2/12/97 **WOC, will RIH & DO 2/14.**
Change out shear pins from 1400# to 2200# on liner hanger. RIH w/3½" tbg, sting into receptacle in liner top @ 9801'. RU Halliburton, press test to 500# - ok. PU & pmp 50 bbls fresh water, 38.8 bbls 50/50 POZ w/Class H cmt 14.2#, 66.2 bbls hifill standard 11#, 19.8 bbls Class H cmt 16.4#, displace w/142.5 bbls prod water. Press was up to 2200# w/9 bbls cmt in csg. Set hanger & sting out @ 2307'. POOH & LD 13 jts 3½" tbg, EOT @ 1900'. Rev out w/36 bbls prod water. POOH & LD 62 jts 3½" tbg & setting tool. Change equip over to 2⅞". CC: $103,195.

2/13/97 **SD - WO cmt.**

2/14/97 **Drlg cmt.**
PU & RIH w/6⅛" DB & 2⅞" tbg. Tag cmt @ 2244'. RU drlg equip & pump line drlg to 2307' (63') in 1 hr. Circ clean, test to 1500#, ok. RD drlg equip, POOH w/2⅞" tbg & DB. PU 4⅛" bit, RIH, tag @ 9275'. RU drlg equip, drill to 9327' in 1 hr, circ out clean, PU to 9295'. CC: $206,365.

2/15/97 **Drlg.**
Drlg cmt from 9327'-9606' (279')/9 hrs. Circ out, POOH to 9590'. CC: $209,891.

2/16/97 No activity.

2/17/97 **POOH w/2⅞" tbg.**
DO cmt from 9606' to float collar @ 9756' (150')/5½ hrs, 27.3 FPH. Took 1 hr to drl up float collar, drld down to 9783' in 1 hr, circ hole clean & clean flat tnk. Drld out cmt to 9806', test to 1500# - ok. RIH & circ sand off RBP. Circ hole clean. RD drlg equip, drain pump & lines, POOH w/2⅞" tbg, EOT @ 8850'. CC: $213,601.

2/18/97 **PU & RIH w/CO tools.**
POOH w/2⅞" tbg & 4⅛" tooth bit, PU & RIH w/5" RBP ret tool & 2⅞" tbg to 5" RBP @ 9900', latch on BP, circ hole w/210 bbls TFW, rel BP. POOH w/2⅞" tbg, ret tool & 5" RBP. CC: $218,541.

2/19/97 **RIH, start milling again.**
PU & RIH w/4⅛" mill, CO tools, 2⅜" & 2⅞" tbg. Tag @ 11,254'. RU power swivel, milled for 5 hrs, made 3' to 11,257'. Very hard, stroked clean, PU to 11,230'. CC $221,643.

2/20/97 **Start CO fill or scale.**
Start drlg @ 11,257'. Drld 1 hr, made no hole, broke circ w/5 bbls, POOH w/2⅞", 2⅜", CO tools & 4⅛" mill. Btm jt was full of scale & mill plugged w/big pieces of iron. PU & RIH w/4⅛" tooth bit, 2⅜" & 2⅞" tbg. Tag fill @ 11,257', RU drlg equip, PU bit to 11,227'. CC: $230,309.

2/21/97 **POOH w/2⅞" tbg to check bit.**
Start drlg on scale @ 11,257', CO to 11,594' (337'), in 8½ hrs, 80 RPM, 2,000# to 5000# wt on bit. Started getting back metal in returns (5"x18# Baker RBP @ 11,640'). RD drlg equip. POOH w/46 jts 2⅞" tbg, EOT @ 10,100'. CC: $233,982.

2/22/97 **Flwg well to prod tanks.**
EOT @ 10,100'. SITP/SIP 200#, open well to frac tank, flwd 88 BW @ 200 psi. SWI, RU to choke manifold. SITP 1500#, open choke 40/64, flow @ 600#, 92 bbls in 1¼ hr, 10% cut. Open choke 64/64, flow @ 200#, 101 BF, 1¾ hr, 25% cut. SWI, hook up prod tbg to treater. Well flwg to prod treater, 20/64 choke @ 850#. CC: $236,897.

2/23/97 **Well flowing to production tanks.**
No activity - well is flowing.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE: 26832/26833

2/24/97 **RIH w/2⅞" tbg.**
SITP 0#, SICP 1500#, bled off to 200#. Pmpd 100 bbls TFW down csg, bled gas off tbg for 30 minutes. Pump 60 bbls TFW down tbg. POOH w/2⅞", 2⅜" tbg & 4⅛" tooth bit. Bit showed that it had been on 5" RBP @ 11,594' (46' higher than prog showed). RIH w/5" RBP ret tool, 2⅜" @ 2⅞" tbg, EOT @ 9885'. CC: $240,972.

2/25/97 **RIH - check PBTD.**
SITP 400#, SICP 150#, bled off. Flush w/30 bbls TFW, RIH w/2⅞" tbg to RBP @ 11,594'. Unable to latch on RBP. RU power swivel, fill hole w/50 bbls TFW, circ, rotate & latch on RBP, circ hole clean, RD power swivel. POOH w/2⅞", 2⅜" tbg, ret tool 5" RBP. Unable to get WL trk. RIH w/41 jts 2⅜" & 1 jt 2⅞" tbg. Kill string, EOT @ 1337'. CC: $245,313.

2/26/97 **NU WH, PU 1¾" pump.**
SIP 150#, bled off. POOH w/2⅞" & 2⅜" tbg. RU Delsco WLS, RIH w/3⅛" gauge ring to 12,188' (23' above PBTD @ 12,211'). POOH & RD WLS. RIH w/extra 2⅜" & 2⅞" tbg. POOH & LD same. PU & RIH w/5" pkr, gas separator assembly, SN & 2⅞" tbg. Set pkr @ 10,022' w/SN @ 9948'. ND BOP, land tbg on hanger. CC: $257,638.

This completes AFE # 26832. All following costs will reflect surface facility AFE 26833.

2/27/97 **Turn over to production, RU PU.**
NU WH. Clean rds, PU & RIH w/1¾" pump & rods. Seat pump @ 9948', fill tbg w/12 bbls TFW, test to 500#, ok. Bled off, land rods on stool. RD rig & equip, steam clean WH, clean trash off location. CC: $146,032.

2/28/97 Pmpd

3/1/97 Pmpd 150 BO, 299 BW, 121 MCF, 4.8 SPM.

3/2/97 Pmpd 67 BO, 488 BW, 83 MCF, 4.7 SPM.

3/3/97 Pmpd 41 BO, 452 BW, 72 MCF, 4.7 SPM.

3/4/97 Pmpd 30 BO, 436 BW, 64 MCF, 4.7 SPM.

3/5/97 Pmpd 16 BO, 365 BW, 54 MCF, 4.7 SPM.

3/6/97 **Fill tbg, test, put on prod.**
MIRU, hot pmpg on csg, unseat 2½"x1¾" Trico pump @ 9948'. Flush tbg w/70 bbls TPW, reseat pump, test 700#, test ok. POOH w/2½"x1¾" Trico pump. RIH w/2½" x 2" Trico pump (w/3' PA plunger), seat pump @ 9948'. CC: $149,363

3/7/97 Pmpd 0 BO, 32 BW, 0 MCF.

3/8/97 Pmpd 0 BO, 147 BW, 0 MCF.

3/9/97 Down 24 hrs - pump change.

3/10/97 Pmpd 68 BO, 596 BW, 130 MCF, 4.7 SPM.

3/11/97 Pmpd 20 BO, 617 BW, 64 MCF, 4.7 SPM, 2" pump, 24 hrs.

3/12/97 Pmpd 15 BO, 659 BW, 63 MCF, 4.7 SPM.

3/13/97 Pmpd 12 BO, 600 BW, 43 MCF, 4.7 SPM.

3/14/97 Pmpd 23 BO, 611 BW, 44 MCF, 4.7 SPM

3/15/97 Pmpd 15 BO, 600 BW, 45 MCF, 4.7 SPM

3/16/97 Pmpd 15 BO, 596 BW, 45 MCF, 4.7 SPM

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE: 26832/26833

3/17/97 Pmpd 12 BO, 585 BW, 44 MCF, 4.7 SPM, FL 900'.
Prior production: 0 BO, 0 BW, 0 MCF.
Final report.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: Fee
6. If Indian, Alottee or Tribe Name: Ute
7. If Unit or CA, Agreement Designation: 96-000119
8. Well Name and No.: Belcher #2-33B4
9. API Well No.: 43-013-30907
10. Field and Pool, Or Exploratory Area: Altamont/Bluebell
11. County or Parish, State: Duchesne Co., UT

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Coastal Oil & Gas Corporation
3. Address and Telephone No.: P. O. Box 749, Denver, CO 80201-0749 (303) 573-4455
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description): 2348' FNL & 1085' FWL, Section 33-T2S-R4W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Install Liner,Acdz	[ ] Dispose Water
		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and tru vertical depths for all markets and zones pertinent to this work.)*

Please see the attached chronological history for work performed on the subject well.
This sundry replaces the sundry dated 4/10/97.

RECEIVED
AUG 06 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Sheila Bremer / bc Title Environmental & Safety Analyst Date 08/04/97
Sheila Bremer

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

NO tax credit 2/98

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE:
TD: 12,254' PBTD: 11,640'
5" @ 9801'-12,254'
PERFS: 11,200'-12,126'
CWC(M$): 429.3

1/30/97 **RU pwr swivel & DO cmt.**
MIRU. ND BH, NU BOP. POOH w/2⅞" tbg, PU & RIH w/6" drill bit & 2⅞" tbg. Tag cmt @ 4219', NU stripper head. CC: $4771.

1/31/97 **RIH w/retr head.**
PU power swivel drlg cmt from 4219' to 4266', fell free. Circ hole clean, RD power swivel. PU & RIH w/90 jts 2⅞" tbg, tag sand @ 7082'. PU power swivel. Rotate & circ sand off the top of the 7" RBP @ 7094'. Circ hole clean. POOH & LD 6" drag bit. PU MSOT retr head, RIH, EOT @ 4045'. CC: $8303.

2/1/97 **PU fishing tools.**
RIH w/96 jts 2⅞" tbg to top of 7" RBP @ 7094', circ down & latch onto RBP, circ hole clean. Rel RBP, go down hole 6 jts to be sure latched good. POOH w/229 jts 2⅞" tbg, lay dn tools & RBP. CC: $10,945.

2/2/97 No activity.

2/3/97 **PU & RIH w/5¼" OS w/2⅞" grapple & 6' extension.**
PU & RIH w/5¼" OS w/2⅞" grapple, BS, jars, 6-4¾" DC, tag fish top @ 9729'. Latch fish & jar 3 times up to 30,000# over, OS slipped off - could not relatch. POOH. PU OS w/6' extension to get deeper bite. CC: $20,187.

2/4/97 **PU & RIH w/5" RBP & pkr.**
PU & RIH w/5¼" OS w/2⅞" grapple, tag fish top, work down over fish to 9737'. Set jars off @ 30,000# four times, POOH dragging 30,000-40,000# over until pkr came free. POOH w/2⅞" tbg, fish tools, 5¼" OS, 15' cutoff 2⅞" tbg, 9 jts 2⅞" tbg, single cavity & 5" R-3 pkr. RIH w/fishing tools, POOH & LD tools. CC: $27,177.

2/5/97 **RIH w/liner dress-out tools.**
RIH w/5" RBP & pkr, set RBP @ 9900'. Tst plug to 1500#. POOH w/pkr. RU WL. Dump 1 sk sd on RBP. CC: $33,900

2/6/97 **POOH w/2⅞" tbg.**
PU & RIH w/5 3/16"tieback milling assembly & 2⅞" tbg, tag 6" LT @ 9601'. RU drlg equip & dress out liner. POOH w/2⅞" tbg, EOT @ 2700'. CC: $38,926.

2/7/97 **NU load 5" csg clean & drift.**
POOH w/2⅞" tbg & 5-3/16" tieback milling assembly, showed that LT was dressed out. Change equip over to run 5" liner. CC: $40,457.

2/8/97 **Prep to PU & RIH w/5" csg.**
Unload, tally, drift & clean threads on 169 jts - 7470' - 5" 18# N-80 STL liner. CC: $42,961.

2/9/97 No activity.

2/10/97 **PU 3½" tbg.**
RU csg equip, PU & RIH w/5" tieback stem, 1 jt 5" 18# N-80 STL csg, FC, 168 jt 5" 18# N-80 STL liner, hydraulic set hanger & pkr. RIH on 3½" P-110 workstring to 8100'. CC: $58,743.

2/11/97 **Change out shear pins & RIH.**
PU & RIH w/15 jts 3½" tbg. Found out shear pins in liner hanger not set high enough for dif press during cmt job. POOH w/34 jts 3½" tbg. SD. WI shear pins for liner hanger. CC: $64,276.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE: 26832/26833

2/12/97 **WOC, will RIH & DO 2/14.**
Change out shear pins from 1400# to 2200# on liner hanger. RIH w/3½" tbg, sting into receptacle in liner top @ 9801'. RU Halliburton, press test to 500# - ok. PU & pmp 50 bbls fresh water, 38.8 bbls 50/50 POZ w/Class H cmt 14.2#, 66.2 bbls hifill standard 11#, 19.8 bbls Class H cmt 16.4#, displace w/142.5 bbls prod water. Press was up to 2200# w/9 bbls cmt in csg. Set hanger & sting out @ 2307'. POOH & LD 13 jts 3½" tbg, EOT @ 1900'. Rev out w/36 bbls prod water. POOH & LD 62 jts 3½" tbg & setting tool. Change equip over to 2⅞". CC: $103,195.

2/13/97 **SD - WO cmt.**

2/14/97 **Drlg cmt.**
PU & RIH w/6⅛" DB & 2⅞" tbg. Tag cmt @ 2244'. RU drlg equip & pump line drlg to 2307' (63') in 1 hr. Circ clean, test to 1500#, ok. RD drlg equip, POOH w/2⅞" tbg & DB. PU 4⅛" bit, RIH, tag @ 9275'. RU drlg equip, drill to 9327' in 1 hr, circ out clean, PU to 9295'. CC: $206,365.

2/15/97 **Drlg.**
Drlg cmt from 9327'-9606' (279')/9 hrs. Circ out, POOH to 9590'. CC: $209,891.

2/16/97 No activity.

2/17/97 **POOH w/2⅞" tbg.**
DO cmt from 9606' to float collar @ 9756' (150')/5½ hrs, 27.3 FPH. Took 1 hr to drl up float collar, drld down to 9783' in 1 hr, circ hole clean & clean flat tnk. Drld out cmt to 9806', test to 1500# - ok. RIH & circ sand off RBP. Circ hole clean. RD drlg equip, drain pump & lines, POOH w/2⅞" tbg, EOT @ 8850'. CC: $213,601.

2/18/97 **PU & RIH w/CO tools.**
POOH w/2⅞" tbg & 4⅛" tooth bit, PU & RIH w/5" RBP ret tool & 2⅞" tbg to 5" RBP @ 9900', latch on BP, circ hole w/210 bbls TFW, rel BP. POOH w/2⅞" tbg, ret tool & 5" RBP. CC: $218,541.

2/19/97 **RIH, start milling again.**
PU & RIH w/4⅛" mill, CO tools, 2⅜" & 2⅞" tbg. Tag @ 11,254'. RU power swivel, milled for 5 hrs, made 3' to 11,257'. Very hard, stroked clean, PU to 11,230'. CC $221,643.

2/20/97 **Start CO fill or scale.**
Start drlg @ 11,257'. Drld 1 hr, made no hole, broke circ w/5 bbls, POOH w/2⅞", 2⅜", CO tools & 4⅛" mill. Btm jt was full of scale & mill plugged w/big pieces of iron. PU & RIH w/4⅛" tooth bit, 2⅜" & 2⅞" tbg. Tag fill @ 11,257', RU drlg equip, PU bit to 11,227'. CC: $230,309.

2/21/97 **POOH w/2⅞" tbg to check bit.**
Start drlg on scale @ 11,257', CO to 11,594' (337'), in 8½ hrs, 80 RPM, 2,000# to 5000# wt on bit. Started getting back metal in returns (5"x18# Baker RBP @ 11,640'). RD drlg equip. POOH w/46 jts 2⅞" tbg, EOT @ 10,100'. CC: $233,982.

2/22/97 **Flwg well to prod tanks.**
EOT @ 10,100'. SITP/SIP 200#, open well to frac tank, flwd 88 BW @ 200 psi. SWI, RU to choke manifold. SITP 1500#, open choke 40/64, flow @ 600#, 92 bbls in 1¼ hr, 10% cut. Open choke 64/64, flow @ 200#, 101 BF, 1¾ hr, 25% cut. SWI, hook up prod tbg to treater. Well flwg to prod treater, 20/64 choke @ 850#. CC: $236,897.

2/23/97 **Well flowing to production tanks.**
No activity - well is flowing.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE: 26832/26833

2/24/97 **RIH w/2⅞" tbg.**
SITP 0#, SICP 1500#, bled off to 200#. Pmpd 100 bbls TFW down csg, bled gas off tbg for 30 minutes. Pump 60 bbls TFW down tbg. POOH w/2⅞", 2⅜" tbg & 4⅛" tooth bit. Bit showed that it had been on 5" RBP @ 11,594' (46' higher than prog showed). RIH w/5" RBP ret tool, 2⅜" @ 2⅞" tbg, EOT @ 9885'. CC: $240,972.

2/25/97 **RIH - check PBTD.**
SITP 400#, SICP 150#, bled off. Flush w/30 bbls TFW, RIH w/2⅞" tbg to RBP @ 11,594'. Unable to latch on RBP. RU power swivel, fill hole w/50 bbls TFW, circ, rotate & latch on RBP, circ hole clean, RD power swivel. POOH w/2⅞", 2⅜" tbg, ret tool 5" RBP. Unable to get WL trk. RIH w/41 jts 2⅜" & 1 jt 2⅞" tbg. Kill string, EOT @ 1337'. CC: $245,313.

2/26/97 **NU WH, PU 1¾" pump.**
SIP 150#, bled off. POOH w/2⅞" & 2⅜" tbg. RU Delsco WLS, RIH w/3⅛" gauge ring to 12,188' (23' above PBTD @ 12,211'). POOH & RD WLS. RIH w/extra 2⅜" & 2⅞" tbg. POOH & LD same. PU & RIH w/5" pkr, gas separator assembly, SN & 2⅞" tbg. Set pkr @ 10,022' w/SN @ 9948'. ND BOP, land tbg on hanger. CC: $257,638.

This completes AFE # 26832. All following costs will reflect surface facility AFE 26833.

2/27/97 **Turn over to production, RU PU.**
NU WH. Clean rds, PU & RIH w/1¾" pump & rods. Seat pump @ 9948', fill tbg w/12 bbls TFW, test to 500#, ok. Bled off, land rods on stool. RD rig & equip, steam clean WH, clean trash off location. CC: $146,032.

2/28/97 Pmpd

3/1/97 Pmpd 150 BO, 299 BW, 121 MCF, 4.8 SPM.

3/2/97 Pmpd 67 BO, 488 BW, 83 MCF, 4.7 SPM.

3/3/97 Pmpd 41 BO, 452 BW, 72 MCF, 4.7 SPM.

3/4/97 Pmpd 30 BO, 436 BW, 64 MCF, 4.7 SPM.

3/5/97 Pmpd 16 BO, 365 BW, 54 MCF, 4.7 SPM.

3/6/97 **Fill tbg, test, put on prod.**
MIRU, hot pmpg on csg, unseat 2½"x1¾" Trico pump @ 9948'. Flush tbg w/70 bbls TPW, reseat pump, test 700#, test ok. POOH w/2½"x1¾" Trico pump. RIH w/2½" x 2" Trico pump (w/3' PA plunger), seat pump @ 9948'. CC: $149,363

3/7/97 Pmpd 0 BO, 32 BW, 0 MCF.

3/8/97 Pmpd 0 BO, 147 BW, 0 MCF.

3/9/97 Down 24 hrs - pump change.

3/10/97 Pmpd 68 BO, 596 BW, 130 MCF, 4.7 SPM.

3/11/97 Pmpd 20 BO, 617 BW, 64 MCF, 4.7 SPM, 2" pump, 24 hrs.

3/12/97 Pmpd 15 BO, 659 BW, 63 MCF, 4.7 SPM.

3/13/97 Pmpd 12 BO, 600 BW, 43 MCF, 4.7 SPM.

3/14/97 Pmpd 23 BO, 611 BW, 44 MCF, 4.7 SPM

3/15/97 Pmpd 15 BO, 600 BW, 45 MCF, 4.7 SPM

3/16/97 Pmpd 15 BO, 596 BW, 45 MCF, 4.7 SPM

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BELCHER #2-33B4 (INSTL TIEBACK, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 100.0% AFE: 26832/26833

3/17/97 Pmpd 12 BO, 585 BW, 44 MCF, 4.7 SPM, FL 900'.
Prior production: 0 BO, 0 BW, 0 MCF.
Final report.

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No. Fee
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. Belcher #2-33B4
9. API Well No. 43-013-30907
10. Field and Pool, or Exploratory Area Altamont/ Bluebell
11. County or Parish, State Duchesne County UT

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other
2. Name of Operator: Coastal Oil & Gas Corporation
3a. Address: P.O. Box 1148, Vernal UT 84078
3b. Phone No. (*include area code*): (435)781-7023
4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*): SW/NW Sec.33, T2S, R4W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[X] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other Recompletion Perf UTT & Acidize
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to Perforate UTT and Acidize on the above referenced well.

Refer to attached Workover Procedure

RECEIVED
JUL - 6 1999
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*) Cheryl Cameron — Cheryl Cameron
Title: Environmental Analyst
Date: 7/2/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

COASTAL OIL & GAS CORPORATION

BELCHER 2-33B4
Section 33-T2S-R4W
Duchesne County, Utah

Workover Procedure – Perforate UTT and Acidize

WELL DATA

TD:	12,154'	PBTD: 11,640' (Cmt Ret)
ELEVATION:	6,179' GL	
SURFACE CASING:	9-5/8", 36#, K-55, @ 2,525', cmt w/ 870 sx.	
INTERMEDIATE CASING:	7", 26/29/32#, N-80, BTC/LTC @ 9,997', cmt w/ 860 sx. ID = 6.276", Drift = 6.151", Pb = 7240 PSI, Pc = 5410 PSI	
PRODUCTION LINER:	5", 18#, P-110, Hydril FJP fm 9,801' – 12,254', cmt w/ 220 sx. ID = 4.276", Drift = 4.151", Pb = 13,940 PSI, Pc = 13,470 PSI	
SCAB LINER:	5", 18#, N-80 fm 2,307' - 9,801', cmt w/ 105 bbls. ID = 4.276", Drift = 4.151", Pb = 10,140 PSI, Pc = 13,500 PSI	
PRODUCTION TUBING:	2 7/8", 6.5#, N-80, EUE @ 10, 015' (Baker Loc-Set Packer) Seat Nipple @ 9,946', OD = 2.441", Cpl OD = 3.668"	
PLUGS & PACKERS:	5" Baker Liner Packer @ 2,307' 5" Baker Loc-Set Packer @ 10,015' 5" Cement Retainer @ 11,640'	
PERFORATIONS:	UTT:	10,084' – 11,167' (Recommended)
	Wasatch:	11,200' – 12,126' (Existing)
WELLBORE FLUID:	Produced Gas & Water	

RECOMMENDED PROCEDURE:

1. MIRU completion unit c/w BOPE. POOH with rods and downhole pump. ND well, NU BOPE. Release Baker Loc-Set packer and POOH.

2. MIRU electric line unit c/w packoff type BOPE. TIH with a 5" GRJB to 11,190'±. TIH with a 5" CIBP and set at 11,185'. MIRU pumping equipment and pressure test casing to 1,000'.

3. TIH with a 3 1/8" casing gun loaded 3 JSPF, 120° phasing, centralized and perforate the following interval:

   UTT: 10,084' – 11,167' (258 holes)
   (see attached detail sheet)

   Correlate guns using CCL tools. Perforations are based on Schlumberger's DIL log run # 1 dated September 6, 1984. RDMO electric line unit.

4. TIH with a Baker Loc-Set retreivable packer on 2 7/8" tubing, setting same @ 10,000' ±. Hydrotest tubing in hole to 8,500 PSI. Pressure test casing to 1,500 PSI.

5 MIRU well treaters and acidize the UTT interval 10,084' – 11,167' w/ 7,800 gallons of 15% HCL plus additives according to the attached treating schedule. Pressure up on the tubing annulus to 1,000 PSI during treatment. Limit treating pressure to 9,000 PSI. RDMO well treaters.

6. Swab test well to recover load. Continue testing as directed by engineering. (Note: Depending upon testing results, the Lower Wasatch intervals below 11,200' may be commingled with the UTT intervals.

7. Release packer and POOH. TIH with downhole pumping assembly and set as directed by engineering.

8. Release well to production.

Approved: _____
Technical Manager

Recommended: _____
Production Superintendent

Recommended: _____
Project Engineer

DRA

COASTAL OIL & GAS CORPORATION

Well Completion Sketches

BELCHER 2-33B4	ALTAMONT	May 25, 1999
Well	Field	Date

[X] Present Completion

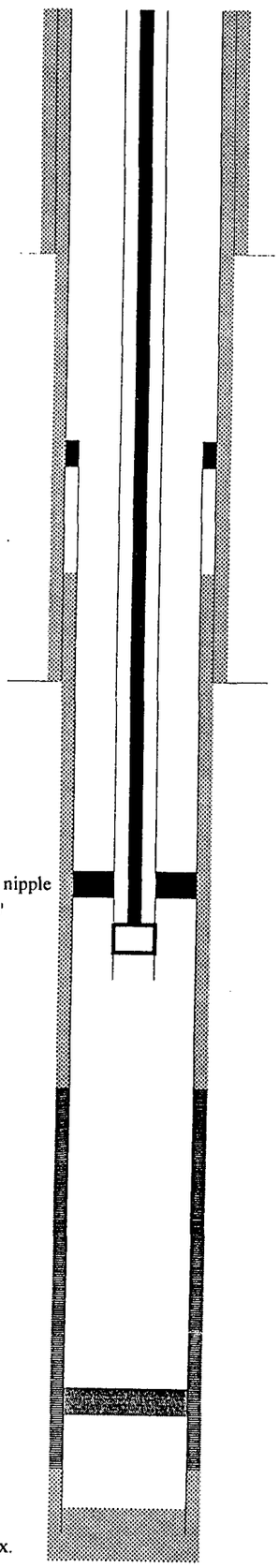
[ ] Suggested Completion

[ ] Original Completion

Well Class: Pumping Oil (Rotaflex)

Well Bore Data

Data On This Completion



DEPTH DATUM @ GL.
GL elevation = 6,179'

9 5/8", 36#, K-55 @ 2,525', cmt w/ 870 sx.

5", Hydraulic Liner Hanger w/ packer @ 2,307', cmt w/ 105 bbls

Hole in casing @ 2,725' (sq w/ 150 sx.)

Holes in casing fm 2,745' - 2,778' & 4,090' - 4,164', sq w/ stages

5" Liner Top (original) @ 9,801'

7" 26/29/32#, N-80, BTC/LTC @ 9,997', cmt w/ 860 sx.

5" Baker Loc-set Pkr & Gas Anchor Assy @ 10,015', seat nipple @ 9,846'

WASATCH PERFORATIONS:
Original Top Perf = 11,200'

5" cement retainer @ 11,640'

Original Bottom Perf = 12,126'

5", 18#, P-110, Hydril FJP Fm 9,801'-12,254', cmt w/ 220 sx.

TD = 12,154' PBTD @ 12,211'

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.
Belcher #2-33B4

2. Name of Operator
Coastal Oil & Gas Corporation

9. API Well No.
43-~~103~~ 013-30907

3a. Address
P.O. Box 1148, Vernal UT 84078

3b. Phone No. (*include area code*)
(435)781-7023

10. Field and Pool, or Exploratory Area
Altamont/ Bluebell

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
SW/NW Sec.33, T2S, R4W

11. County or Parish, State
Duchesne County UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[X] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other Workover Recompletion (Report)
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please refer to the Coastal Oil and Gas Corporation Production Report Chronological History

RECEIVED
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
Ronny Routh, REM, CEA

Title
Sr. Environmental Coordinator

Ronny Routh

Date 10/8/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RECEIVED
DIV. OF OIL, GAS & MINING

BELCHER 2-33B4
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 91.16211
LINMAR WELL
TD: 12,254', PBTD: 12,211'
5" LINER AT 9801' TO 12,254'
PERFS: 11,200'-12,126'

6/20-8/11/95 Well flowing up backside. Pump 10# brine dn tbg. Cut tbg off @ 8006'. Rig up Schlumberger to run PAL. Log well from 4240' to 100'. Rig down Schlumberger. Set 7" HD pkr at 2949'. Pump at 4.5 Bpm & 1200 psi. Release 7" HD. Squeeze holes in casing at 2745'-4100' w/400 sx ThIX cement. 210 sx cement in casing 190 sx cement into formation. Tagged cement at 2588'. Mill down to 2600', fell through. Went down 2720' tagged cement. Mill down to 2770'. Psi up to 1200 psi., broke back to 500 psi. Pump into at 500 psi, 5 BPM. Set pkr @ 2519'. Squeeze hole at 2745' w/200 sx ThIX cement, 100 sx neat type A cement. Got Inj rate at 1800 psi, 1-1/2 BPM. Set 7" pkr at 2519'. Squeeze hole in casing at 2745' w/150 sx THIX cement 142# 42.7 bbls cement. 2549' to 2768 ' press test csng to 2000 psi. Good test drill from 2768' to 2798'. Press test csng to 2000 psi. Good test. Drill from 2998' to 2895'. Press test csng to 2000 psi. Good test. Drill from 2895' to 3181'. Press test to 2000 psi. Held. Drill from 3180' to 3278', 98'/2 hrs. Press test csng to 2000 psi. No test got inj rate 4 bbl/hr @ 1000 psi. Flow back 21 bbl/hr. Isolate hole @ 3085' to 3278'. Set pkr @ 2831'. Squeeze. 400 sx 113.9 bbls THIX cement. Set pkr, leave 500 psi on cmnt, 100 psi on pkr. POH w/tubing. RIH w/bit and tag cmt @ 2,844'. Drill cmt to 3,087' and PT-2,000 psig/ok. Drill cmt from 3,087' to 3,346' and PT-unseccessful. Established INR @ 4 BPM/1,200 psig. POH w/bit. RIH w/pkr & set @ 2,831'. RU Halliburton & squeeze interval 3,085' to 3,346' w/ 700 sx cmt(THIX & CL"H"). No squeeze. MP @ 1,450 psig/4.7 BPM. Reverse out tubing and set pkr. Set 500 psig on cement. POH w/pkr & TIH w/bit. Tag top of cmt @ 2,950'. Drill cmt from 2,950' to 3,092' & PT to 2,000 psig/OK. Drill from 3,092' to 3,288' & PT to 2,000 psig, no test. Established injection rate @ 3.5 BPM/1,200 psig. POH w/bit. TIH w/ PKR & set @ 2,946'. Cmt squeeze holes at 3091' to 3288' sx Thex, cement (14.4# ppg). Int rate 2-1/2 BPM at 1150 psi. Squeeze to 2000 psi. Release pkr. Reverse tbg. Set pkr at 2946'. SIW w/2000 psi. POOH w/pkr. RIH w/6" bit. Tagged cement at 2974'. Drlg cement from 2974' to 3317'. Pressure tested, good. At 3317' the test was bled off 1000 psi in 15 min. Mill cement from 3317' to 3637'. Tested at 3349'. Test was 2-1/2 BPM at 1500 psi. Test at 3414' was 4 BPM at 1200 psi. At 3637' test was 4-1/2 BPM at 1300 psi. POOH w/bit. RIH w/pkr & set at 2963'. Squeeze holes at 3317' to 3637' w/400 sx THIX cement. Inj rate of 3-1/2 BPM at 1300 psi. Release pkr. POOH w/6 jts tbg. Reverse tbg w/40 bbls. Set pkr at 2776'. SIW w/800 psi. Check pressure. 0 psi on Tbg Pressure Test to 2000 psi, good. POOH w/pkr. RIH w/6" drag bit. Tagged cement at 3123'. Drill up 257' of cement in 4-1/2 hrs. Test at 3187', was 1/2 BPM at 2000 psi, same down to 3285'. At 3286' fell through, TD 3316'. Test at 3316', was 4-1/2 BPM at 1600 psi w/12 BPH flow back. WOO. POOH w/6" drag bit. Rig up wireline. Shot 4 squeeze holes at 3300'. RIH w/7" pkr. Set pkr at 2912'. Squeeze holes at 3187' & 3300' w/110 sx THJX cement 1-60 yeild at 14.2° PG. 110 sx type 5 cement, ueild 1.1 at 16.2°. Got inj rate of 4.2 BPM at 1800 psi. Displace w/22-1/2 bbls. Release pkr & reverse out w/40 bbl. Set pkr SION w/2000 psi on tbg. Pressure tested to 2000 psi, good test, release pkr. POOH w/tbg & 7# pkr. RIH w/6" drag bit. Tagged cement at 3026'. Drill up cement from 3026' to 3185' w/good test to 2000 psi. Drill from 3185' to 3316' w/best. Bled from 2000 psi to 2200 psi in 15 min. Tested cement at 3816'. 900 psi in 15 min. Drill

down to 3340', fell through. tagged cement at 3385'. Drill down 3397', test was 1-1/2 BPM 2000 psi. Drill down to 3477', test was 1-1/2 BPM at 1900 psi. Drill down 3605', test was 2 BPM at 1800 psi. Same test to 3637'. POOH w/tbg & 6" drag bit. RIH w/7" pkr & tbg. Set pkr at 2917' test casing to 1500 psi. Rig up Halliburton to squeeze holes at 3220' to 3637' w/200 sx cement. Pump inj rate 2.5 BPM at 1500 psi. Squeeze went to 2000 psi. Release pkr. Reverse out tbg. Set pkr at 2917'. SIW w/2000 psi on tbg. Pressure tested to 2000 psi. Good test. Release pkr. POOH w/tbg & 7" pkr. RIH w/2-7/8 tbg. Tagged cement at 2982'. Drill cement from 2982' to 3189'. Tested every jt (32'). All tests were to 2000 psi, good tests. Drill up from 3189' to 3414'. Tested every jt (32'). All tests were to 2000 psi. Tested @ 3861', 3893', & 3925' . Establish inj rate @ 4.5 BPM @ 2000 psi. DO cmt to 3957'. Drill cement from 3829' to 3957'. Test at 3861', 3893' & 3925' were 2 BPM at 2000 psi. Test at 3957' was 4-1/2 BPM at 1700 psi. POOH w/6" drag bit. RIH w/6" drag bit. Tagged cement at 3957'. Drill cement from 3957' to 4105'. Fell through, went down to 4150'. Cirl well clean. POOH w/6" drag bit. Tests at 3987', 4019', 4052'-4084'. Was 2 BPM at 2000 psi. Test at 4105' was 5 BPM at 1100 psi. PU & RIH w/7" MSOT pkr. Set pkr at 2712'. RU Hallburton to squeeze holes at 3348', 3732', 3957' & 4105'. Inj rate 3.5 BPM at 1000 psi. Squeeze w/400 sx 114 bbls 14.2# p/gal. Yiel 1.6 ThIX w/10 lb ptr sx Gilsonite. Locked up w/17 bbls cement in tbg. Reverse out tbg w/140 bbl. SI w/2000 psi on tbg. Release pkr at 2712'. POOH w/tbg & pkr. RIH w/6" drag bit. Tagged cement at 2738'. Drill cement from 2738' to 3286'. Test every jt (32'), all tests were good to 2000 psi. DO cmt to 3766'. All tests to 2000 psi were good. Drill 480' of cement in 8 hrs, 60' per hr. CIRC well clean. Drill cement from 3766' to 4060'. Drill 294' cement in 6-1/2 hrs. Tested every jt (32'). Tests: 3766' to 3924' - good tests to 2000 psi. 3924 to 3957', 1-1/2 BPM at 1300 psi. 3957' to 4021', 1-1/2 BPM at 1300 psi. 4021' to 4053', 5 BPM at 1300 psi. Flow back 4 BBW per hour. LD 2-7/8 prod tbg. Total jts laid down 192 jts. Rig down. Rig down General Well #102. Loaded equip.

CC: $307,941

1/31-
2/27/97

AFE to inst tie-back, perf & acidize. RIH w/6" bit. Tagged cmt @ 4219'. Drilled to 4266', fell free. Circ sand off RBP. RIH and retrieved RBP at 7094'. RIH w/ over shot. Latch on fish @ 9731'. Jar.Overshot slipped off. POOH. RIH w/ OS w/ 6' extention. Latch & jar pkr free. POOH w/ fish. RIH,set, & press tst to 1500# RBP @ 9900'. Bail 1 sx sand on RBP. RIH and dress out liner @ 9801'. POOH. RIH w/tie back stem,1-jt 5" 18#, float collar and 5" csg and hanger pkr. SD WO shear pins for hanger. Sting into recp. @ 9801. Cmt'd w/38.8 bbls of 50/50 Poz, 66.2 bbls Hy-fill and 19.8 bbls of Class H. Pressured up to 2000 psi w/9 bbls in csg. POOH w/setting tool. Tagged cmt 2244'. Drilled to 2307' PT to 1500 psi. Drilled out to sand on RBP @ 9808'. PT to 1500 psi. Circ sand off RBP. Rlse RBP, POOH. RIH w/4-1/8" mill and cleanout tools. Tagged @ 11,254'. CO to 11,257' in 5 hrs. Est circ, still could not make any hole. POOH w/tools. RIH w/4-1/8" tooth bit and tagged up @ 11,257'. Cleaned out to 11,594' in 8-1/2 hrs. Metal in returns. SITP & SICP 200 psi. Flowed 88 BW. SITP 1500 psi. Flowed to treater. Flowing @ 25% OC. 4hrs @ 70 BPH. Start drlg on scale @ 11,257', CO to 11,594' / 337' / 8½ hrs. Metal in rtns. RBP @ 11,640'. RD drlg equip. POOH w/2-7/8" tbg. EOT @ 10,100'. SITP/SICP 200 psi. Flwd 88 BF @ 200 psi. RU chk manifold. SITP 1500 psi. Flwd 92 BF / 1 hr 15 min @ 600 psi on a 40/64" chk - 10% cut. Flwd 101 BF / 1 hr 45 min @ 200 psi on a 1" chk - 25% cut. Total 281 BF (35.5 BO, 246.5 BW). Hook-up to treater & turn over to prod @ 12:30 p.m., 2/22/97. FARO 230 BO, 353 BW, 0 MCF / 17 hrs, 800 psi on a 46/64" chk. Well flwg - dead @ rpt time. SITP 0 psi. SICP 1500 psi. Pmpd 100 BW dn csg. POOH w/bit. Bit showed that it had been on RBP @ 11,594 - 46' higher than rptd. RIH w/5" retr tool, unable to latch RBP. RU swivel, rotated and latched RBP, POOH. RIH w/kill string. SITP 150 psi. POOH w/kill string. RIH w/3-1/8"

GR to 12,188', 23' above PBTD. RIH w/5" Baker Loc Set pkr, Gas Sep, SN. Set @ 9948'. **All charges from 2/26/97 to be charged to Surface AFE.** RIH w/1-3/4" pump on rods.

TC: $257,638 Surf AFE $146,032

3/6-10/97 No rod part. Change over 1-3/4" pump to 2" pump. Seat pump @ 9,948'. Place on pump. Plunger stuck in pump. POOH w/ rod & pump.. Check pump, OK. RIH. Rehang polished rod. Test pump action-Good.

TC: $ 7,487

4/2-7/97 **Set cmt retnr to shut off water.**MIRU. POOH w/rods and pump. Rlsed Loc-set pkr, POOH w/pkr. Set Cmt retnr @ 11,640'. RIH w/pkr, set @ 2360'. Would not go dn hole. POOH. RIH w/R-3 pkr. Set @ 2489'. Would not go dn hole. POOH. RIH w/R-3pkr.Setpk@10,020'. RIH w/2"pump. TC: $22,409

6/12/97 MIRU. Unseat pump. Flush tbg. Reseat pump. Test 700 psi. OK. POOH w/ pump. RIH w/ Trico 2 1/2" x 1 3/4" pump. Seat pump @ 9984'. Fill tbg. Test 1000 psi.OK. RD rig. TC: $6,582

5/6-7/98 **Bad pmp.** MIRU. Unseat 2-1/2" x 1-3/4" Trico pmp @ 9948'. Reseat pmp. No test. POOH w/ pump. LD btm 8, 1' rds. Tear pmp dn on loc. OK. NDWH. NUBOP. Rls Baker 5" x 18# Loc-set pkr @ 10,020'. POOH w/ 2-7/8" prod tbg. RIH w/ 5" Baker pkr & 2-7/8" gas seperator, hydrotesting to 8500# below the slips. 312 jts had 3 bad jts: #246 @ 7820' had 3" split in the slip area, # 249 # 7920' blew # 6500#, # 245 @ 7790' blew @ 8500#. 249 & 245 are rod cut. RDMO Four star hydrotester. Set 5" x 18# Baker Loc set pkr @ 10,115' + 45 SN @ 9946, EOT @ 10,024'. RD floor. RIH w/ 2-1/2" x 1-3/4" Trico pmp. Seat pmp @ 9946' test to 1000#, OK. RD. POP

TC: $ 12,883

10/5-7/98 **Bad pmp.** MIRU. Unseat 1-3/4" @ 9946'. Reseat pmp, test to 700#, OK. POOH w/ rds & 1-3/4" pmp. RIH w/ 1-3/4" pmp & rds. RIH w/ 1-3/4" pmp & rds EOP @ 3500'. RIH w/ 2-1/2" x 1-3/4" Trico pmp. Seat pmp @ 9946'. Test to 1000#, OK. RD. POP.

TC: $ 5444

11/6-8/98 **Bad pmp.** MIRU. Unseat pmp, flush, reseat pmp, test to 700#, OK. POOH w/ rods & pmp. LD pmp. PU 1-3/4" pmp. RIH seat pmp @ 9945'. Test to 1000#, OK. RD. POP.

TC: $ 5421

11/12-13/98 **Pol rod part.** MIRU. Fished pol rod prt. Unseat 2-1/2" x 1-3/4" Trico pmp @ 9946'. Flush, reseat pmp, test to 700#, OK. POOH & LD pmp. RIH w/ 2-1/2" x 1-3/4' Trico pmp. Seat pmp @ 9946'. Test to 1000#, OK. RD. POP.

TC: $ 5643

7/22/99 **AFE #28609 Rec UTT zone.** MIRU test tbg to 700#. Unseat pmp, POOH w/ pmp & rods. ND WH, NU BOP rels pkr. POOH w/ tbg, EOT @ 6000'. SDFN.

DC: $5,313

7/23/99 **AFE #28609 Rec UTT zone.** POOH w/ prod equip, RU Delsco RIH w/ 4 1/8" G/R to 11820'. POOH RD Delsco, MIRU OWP, PU RIH w/ 5" CIBP set @ 11188'. POOH PU D/B RIH dump 1 sx sand on CIBP @ 11188'. POOH fill and test csg to 1000#. Perf UTT zone f/ 11167' - 10084' w/ 3 1/8" csg gun, loaded w/ 3 JSPF. 120 degree phasing, 4 runs, IFL @ surf, FFL @ surf, no press or gas blow during perf.

RIH w/ 20 stds, kill string. SDFN.

DC: $21,767
TC: $27,080

7/24/99 **AFE #28609 Rec UTT zone.** SITP 100#. POOH w/ kill string, PU RIH w/ 5" full bore pkr on 4 jts 2 7/8" tbg & 74 jts 3 1/2", set pkr @ 2392', test csg to 1500# - held. SDFW.

DC: $3,502
TC: $30,582

7/27/99 **AFE #28609 Rec UTT zone.** MIRU Dowell, acidize UTT perf f/ 10084' - 11167' w/ 7800 gals 15% acid disp w/ 190 bbls 2 % KCL. Avg/max/rate 12 / 29. Avg/max/ press 6000# / 8633#. ISIP 3699', 5/10/15. SITP 3596 / 3548 / 3516. TL 467 bbls. Well balled off, back flow, finish flush . Div good, flowed bck 76 BW. RU swab, swab bck 62 bbl. PH 2. 8 swab runs. Well started to flow well to flat tk 3 hrs, made 70 BO, 90 BW. Very gasy. Turn to tret @ 5 P.M. Made 90 BO, 109 BW, 102 MCF, in 14 hrs, 30# FTP.

DC: $31,451
TC: $62,033

7/28/99 **AFE #28609 Rec UTT zone.** FTP 30#. Pmp 130 bbls 2% KCL to kill well, rel pkr. POOH w/ LD 3 1/2" tbg & pkr. PU 5" loc - set pkr. Baker gas sep, RIH w/ 2 7/8" tbg. Set pkr @ 9988' w/ 25000 ten. ND BOP, NU WH, EOT @ 9992'. SN @ 9916'. SDFN.

DC: $5,772
TC: $67,805

7/29/99 **AFE #28609 Rec UTT zone.** SITP 1500#, SICP 1750#. Bleed csg off to tret. Kill tbg w/ 50 bbls. PU RIH w/ 2 1/2" X 1 3/4" pmp. RIH w/ 8 - 1" W/G, 130 - 3/4", 128 7/8", 127 - 1" rods. Seat pmp @ 9908'. Fill tbg w/ 8 bbls. Stroke test pmp to 800# . RD rig, slide in rotaflex.

DC: $4,558
TC: $72,363

FORM 8

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Belcher

9. WELL NO.: #2-33B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec-33-T2S-R4W

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other Reserf

2. NAME OF OPERATOR: Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR: P.O. Box 1148, Vernal UT 84078 (435)-781-7023

4. LOCATION OF WELL *(Report location clearly and in accordance with any State requirements)*

At surface: SW NW

At top prod. interval reported below: 1085'FWL & ~~1085'FWL~~

At total depth: 2348 FWL

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-~~047~~ 013-30907	2/9/84	Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. *(Ready to prod.) or (Plug & Abd.)*	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)	19. ELEV. CASINGHEAD
7/21/84	9/6/84	7/29/99	6179'GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS
12254'	12211'			X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): UTT 11167'-10084'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN:

27. Was Well Cored YES [ ] NO [X] *(Submit analysis)*
Drill System Test YES [ ] NO [X] *(See reverse side)*

28. CASING RECORD *(Report all strings set in well)*

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	2525'	12 1/4"	870 sx Lite, 200 sx "G"	
7"	32#,29#,& 26#	9997'	8 3/4"	860 sx Lite, 200 sx "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)
5"		11188'	1 sx	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"		9988'

31. PERFORATION RECORD *(Interval, size and number)*
11167'-10084' 3 JSPF 3 1/8" Csg Gun, 120 Degree phasing

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10084'-11167'	7800 gals 15% acid w/190 Bbls 2% KCL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD *(Flowing, gas lift, pumping - size and type of pump)*	WELL STATUS *(Producing or shut-in)*
7/29/00	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
7/29/00	24			14	96	61	6.9

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
	50#		81	145	282	

34. DISPOSITION OF GAS *(Sold, used for fuel, vented, etc.)*: Sold

TEST WITNESSED BY

RECEIVED JUL 17 2000 DIVISION OF OIL, GAS AND MINING

35. LIST OF ATTACHMENTS: Chronological Well History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cheryl Cameron TITLE Cheryl Cameron Sr. Environmental Analyst DATE 6/30/00

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment.
ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in iten 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of the cementing tool.
ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

Formation	Top	Bottom	Description, contents, etc.

38. GEOLOGIC MARKERS

Name	Top	
	Meas. Depth	True Vert. Depth
Green River	7674'	
Wasatch	9039'	

RECEIVED
JUL 17 2001
DIVISION OF
OIL, GAS AND MINING

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
Fee

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
96-119

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.
Belcher #2-33B4

2. Name of Operator
Coastal Oil & Gas Corporation

9. API Well No.
43-~~103~~-013-30907

3a. Address
P.O. Box 1148, Vernal UT 84078

3b. Phone No. (*include area code*)
(435)781-7023

10. Field and Pool, or Exploratory Area
Altamont

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
SW/NW Sec.33,T2S,R4W
2348'FNL & 1085'FWL

11. County or Parish, State
Duchesne UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[X] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other Completion Report (Rpt)
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Subject well placed on production on 7/29/99. Please refer to the attached Chronological Well History.

RECEIVED
JUL 03 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
Katy Dow

Title
Environmental Jr. Analyst

Date 6/28/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

BELCHER 2-33B4

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BELCHER 2-33B4
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 91.16211
LINMAR WELL
TD: 12,254', PBTD: 12,211'
5" LINER AT 9801' TO 12,254'
PERFS: 11,200'-12,126'

7/22/99 **AFE #28609 Rec UTT zone.** MIRU test tbg to 700#. Unseat pmp, POOH w/ pmp & rods. ND WH, NU BOP rels pkr. POOH w/ tbg, EOT @ 6000'. SDFN.

7/23/99 **AFE #28609 Rec UTT zone.** POOH w/ prod equip, RU Delsco RIH w/ 4 1/8" G/R to 11820'. POOH RD Delsco, MIRU OWP, PU RIH w/ 5" CIBP set @ 11188'. POOH PU D/B RIH dump 1 sx sand on CIBP @11188'. POOH fill and test csg to 1000#. Perf UTT zone f/ 11167' - 10084' w/ 3 1/8" csg gun, loaded w/ 3 JSPF. 120 degree phasing, 4 runs, IFL @ surf, FFL @ surf, no press or gas blow during perf. RIH w/ 20 stds, kill string. SDFN.

7/24/99 **AFE #28609 Rec UTT zone.** SITP 100#. POOH w/ kill string, PU RIH w/ 5" full bore pkr on 4 jts 2 7/8" tbg & 74 jts 3 1/2", set pkr @ 2392', test csg to 1500# - held. SDFW.

7/27/99 **AFE #28609 Rec UTT zone.** MIRU Dowell, acidize UTT perf f/ 10084' - 11167' w/ 7800 gals 15% acid disp w/ 190 bbls 2 % KCL. Avg/max/rate 12 / 29. Avg/max/ press 6000# / 8633#. ISIP 3699', 5/10/15. SITP 3596 / 3548 / 3516. TL 467 bbls. Well balled off, back flow, finish flush . Div good, flowed bck 76 BW. RU swab, swab bck 62 bbl. PH 2. 8 swab runs. Well started to flow well to flat tk 3 hrs, made 70 BO, 90 BW. Very gasy. Turn to tret @ 5 P.M. Made 90 BO, 109 BW, 102 MCF, in 14 hrs, 30# FTP.

7/28/99 **AFE #28609 Rec UTT zone.** FTP 30#. Pmp 130 bbls 2% KCL to kill well, rel pkr. POOH w/ LD 3 1/2" tbg & pkr. PU 5" loc - set pkr. Baker gas sep, RIH w/ 2 7/8" tbg. Set pkr @ 9988' w/ 25000 ten. ND BOP, NU WH, EOT @ 9992'. SN @ 9916'. SDFN.

7/29/99 **AFE #28609 Rec UTT zone.** SITP 1500#, SICP 1750#. Bleed csg off to tret. Kill tbg w/ 50 bbls. PU RIH w/ 2 1/2" X 1 3/4" pmp. RIH w/ 8 - 1" W/G, 130 - 3/4", 128 7/8", 127 –1" rods. Seat pmp @ 9908'. Fill tbg w/ 8 bbls. Stroke test pmp to 800 RD rig, slide in rotaflex.

RECEIVED
JUL 0 3 2000
DIVISION OF
OIL, GAS AND MINING

IP DATE: 07/29/99
PRIOR PRODUCTON: 14 BOPD 61 BWPD 96 MCFD
POST PRODUCTION: 81 BOPD 145 BWPD 282 MCFD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Exhibit "A"

2. NAME OF OPERATOR: El Paso Production Oil & Gas Company

9. API NUMBER:

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER: 435-789-4433

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

(5/2000)

(See Instructions on Reverse Side)

State of Delaware

Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED
JUN 19 2001
DIVISION OF
OIL, GAS AND MINING

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING		
1. GLH		4-KAS ✓
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold) — Designation of Agent

Operator Name Change (Only) — X **Merger**

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):	**TO:** (New Operator):
COASTAL OIL & GAS CORPORATION	EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721	Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995	HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635	Phone: 1-(832)-676-4721
Account N0230	Account N1845

CA No. **Unit:**

WELL(S)

NAME		API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BROTHERSON 1-22B4		43-013-30227	1780	22-02S-04W	FEE	OW	P
BROTHERSON 2-22B4		43-013-31086	1782	22-02S-04W	FEE	OW	P
BROTHERSON 1-23B4R		43-013-30483	8423	23-02S-04W	FEE	OW	P
BROTHERSON 3-23B4		43-013-31289	11141	23-02S-04W	FEE	OW	P
BROTHERSON 1-24B4		43-013-30229	1865	24-02S-04W	FEE	OW	P
BROTHERSON 1-25B4		43-013-30668	9126	25-02S-04W	FEE	OW	P
BROTHERSON 1-26B4		43-013-30336	1856	26-02S-04W	FEE	OW	P
BROTHERSON 1-27B4		43-013-30185	4735	27-02S-04W	FEE	OW	P
BLEAZARD 2-28B4	(CA 96-81)	43-013-31304	11433	28-02S-04W	FEE	OW	P
YOUNG ETAL 1-29B4		43-013-30246	1791	29-02S-04W	FEE	OW	P
WEIKART 2-29B4		43-013-31298	11332	29-02S-04W	FEE	OW	P
LAWRENCE 1-30B4		43-013-30220	1845	30-02S-04W	FEE	OW	P
YOUNG 2-30B4		43-013-31366	11453	30-02S-04W	FEE	OW	P
CHRISTMAN BLANN 1-31		43-013-30198	4745	31-02S-04W	FEE	OW	P
GRIFFITHS 1-33B4	(CA 96-119)	43-013-30288	4760	33-02S-04W	FEE	OW	P
BELCHER 2-33B4	(CA 96-119)	43-013-30907	9865	33-02S-04W	FEE	OW	P
TEW 1-1B5		43-013-30264	1870	01-02S-05W	FEE	OW	P
MILES 2-1B5		43-013-31257	11062	02-02S-05W	FEE	OW	P
POTTER 1-2B5		43-013-30293	1826	02-02S-05W	FEE	OW	P
BROTHERSON 2-2B5		43-013-31302	11342	02-02S-05W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 07/05/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 07/05/2001

3. Bond information entered in RBDMS on: 06/20/2001

4. Fee wells attached to bond in RBDMS on: 07/05/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708

2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8·15·01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: BELCHER 2-33 B4

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4301330907

3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6400

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2348' FNL AND 1085' FWL COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 33 2S 4W STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☑ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE WELL CAPTIONED ABOVE. PLEASE SEE ATTACHED PROGNOSIS.

new perfs 8300 - 9318

COPY SENT TO OPERATOR
Date: 6·26·2008
Initials: KS

NAME (PLEASE PRINT) LAURA WILT TITLE REGULATORY ANALYST

SIGNATURE Laura Wilt DATE 6/13/2008

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/25/08
BY: D. Hill

RECEIVED
JUN 16 2008
DIV. OF OIL, GAS & MINING

elpaso Exploration & Production

Recompletion Procedure

Belcher 2-33B4

To

Recomplete well to Green River and Propant Frac

Section 33, T2S, R4W
Altamont-Blue Bell Field
Uinta County, Utah

Prepared by: _____ _____
Doug Sprague date

Approved by: _____ _____
David Jaksik date

Distribution (Approved copies):
Doug Sprague
David Jaksik
John Benton
Dave Wheeler
Well File (Central Records)
Altamont Office (Well Files)

Workover Procedure
Belcher 2-33B4
Section 33, T2S, R4W
Altamont-Bluebell Field
Uinta County, Utah

COMPANY PERSONNEL

Title	Name	Office	Mobile	Home
Production Manager				
Production Engineer	Doug Sprague	(303) 291-6433	(303) 957-6176	(303) 627-4970
Production Foreman	Gary Lamb	(435) 454-4224	(435) 823-1443	(435) 454-3537

TUBULAR DATA

Material	Description	Burst (100%)	Col (100%)	Body Yield	Jt Yield	ID	Drift ID	Cap CF/LF	TOC
Surface Casing	9-5/8" 36# K-55 @ 2,525'	3520	2020	564	423	8.921	8.765	.4340	SURF
Intermediate Casing	7" 32# N-80 to 3,591, 29# N-80 to 6,475' & 26# N-80 to 9,997'	9060 8160 7240	8600 7020 5410	745 676 604	672 597 519	6.094 6.184 6.276	5.969 6.059 6.151	..2025 .2085 .2148	6,950' (CBL)
Production Liner	5" 18# P-110 @ 9,801' to 12,254'	13940	13450	580	495	4.276	4.151	.0997	Liner Top (CBL)
Scab Liner	5" 18# N-80 @ 2,307' to 9,801'	9910	10490	422	469	4.276	4.151	.0997	Liner Top (Calc)
Production Tubing	2-7/8" 6.5# N-80 8rd	10570	11160			2.441	2.347	.0325	

Procedure:

1. MIRU workover rig. Load well with TPW. POOH with rods and pump.

2. ND tree and NU and test BOP. Release TA and POOH with tubing string and BHA.

3. RIH with RB and 7" casing scraper to TOL at 2,307'. Circulate hole clean. POOH.

4. RIH with RB and 5" casing scraper to 10,200'. Circulate hole clean. POOH and LD BHA.

5. RU EL. Make GR run to 10,200'. RIH and set CIBP at 10,140'. Dump 20' of cement on top.

6. Pressure test casing to 8,600 psi. If casing will not test, proceed with step 7, otherwise, POOH and lay down tubing and RD & MO and skip to step 9.

7. POOH. Pick up packer and isolate leak. Establish breakdown. Design squeeze job based on breakdown data and squeeze leak. Drill out and test squeeze. Circulate hole clean. POOH laying down tubing.

8. Pick up treating packer with circulating port and RIH with 4 ½" frac string. Set packer at 2,300', just above liner top. Test frac string to 8,600 psi.

9. RU EL w/ 5K lubricator and test to 5,000 psi with water. RIH and shoot the intervals of Stage # 1 per the attached schedule with 3-1/8" HSC, 22.7 gm charges, ***SPF as noted*** and 120° phasing. Perforate first interval under 1,000 psig surface pressure. Record any changes in fluid level or wellhead pressure while perforating. RD WL unit. Lay and stake hardline to pit, NU chokes on casing valves.

10. MI and RU stimulation company and wellhead isolation tool.

11. Break down perforations with 5,000 gallons 15% HCl acid at 20 to 30 bpm. Run 220 Bio-Ball (brown color) sealers evenly dispersed in the acid. **Maximum allowable surface pressure is 8,500 psi. Anticipated frac gradient is 0.75 psi/ft.** Acid to contain both corrosion and scale inhibitor. Bottom hole static temperature is 205° F at 9,745' (Mid perf). Overflush acid 10 bbls to bottom perf with 2% KCl water. Shut down. Isolate well head and continue to monitor well head pressure with stimulation company's data recorder for 15 minutes. Surge ball sealers. Leave well shut in for 60 minutes total to allow Bio-Balls to dissolve. Remove ball guns from treating line and re-pressure test treating line to 9,500 psig during shut in period. Acid and flush fluids are to contain 2.0 gpt MA-844.

12. Pump the Stage # 1 crosslinked gel frac treatment with 160,000 lbs Optiprop 20/40 per the attached schedule. All frac water to contain biocide, scale inhibitor, and 2.0 gpt MA-844 furnished by the frac company. Heat the 2% KCl water to achieve +/- 120°F the day of the frac. Tag job three RA isotopes. RA #1 in 100 mesh; RA #2 in 1.0 and 2.0 psa; RA #3 in 3.0 and 4.0 psa. Designed pump rate is ramped up to 80 bpm; **maximum surface pressure is to be 8,500 psi**. Mark flush at 1.0 psa on wellhead densiometer and flush to top perf. Record ISIP, 5, 10 and 15 minute pressures. Isolate pump trucks from wellhead, rig down isolation tool. If well was stimulated down frac string, proceed with step 13, otherwise skip to step 16.

13. Open circulating port on treating packer and kill well. Release packer and POOH.

14. RU WL and RIH and set 5" 10K CBP @ 9,350'. POOH. Test CBP and casing to 8,500 psi.

15. Pick up treating packer with circulating port and RIH with 4 ½" frac string. Set packer just above liner top. Test frac string to 8,500 psi. Skip to step 17.

16. RU WL and RIH and set 5" 10K CBP @ 9,350'. POOH. Test CBP and casing to 8,500 psi.

17. RU EL w/ 5K lubricator and test to 5,000 psi with water. RIH and shoot the intervals of Stage # 2 per the attached schedule with 3-1/8" HSC, 22.7 gm charges, ***SPF as noted*** and 120° phasing. Record any changes in fluid level or wellhead pressure while perforating. RD WL unit.

18. MI and RU stimulation company and wellhead isolation tool.

19. Break down perforations with 5,000 gallons 15% HCl acid at 20 to 30 bpm. Run 190 Bio-Ball (brown color) sealers evenly dispersed in the acid. **Maximum allowable surface pressure is 8,500 psi. Anticipated frac gradient is 0.75 psi/ft.** Acid to contain both corrosion and scale inhibitor. Bottom hole static temperature is 191° F at 8,809' (Mid perf). Overflush acid 10 bbls to bottom perf with 2% KCl water. Shut down. Isolate well head and continue to monitor well head pressure with stimulation company's data recorder for 15 minutes. Surge ball sealers. Leave well shut in for 60 minutes total to allow Bio-Balls to dissolve. Remove ball guns from treating line and re-pressure test treating line to 9,500 psig during shut in period. Acid and flush fluids are to contain 2.0 gpt MA-844.

20. Pump the Stage # 2 crosslinked gel frac treatment with 160,000 lbs Optiprop 20/40 per the attached schedule. All frac water to contain biocide, scale inhibitor, and 2.0 gpt MA-844 furnished by the frac company. Heat the 2% KCl water to achieve +/- 120°F the day of the frac. Tag job three RA isotopes. RA #1 in 100 mesh; RA #2 in 1.0 and 2.0 psa; RA #3 in 3.0 and 4.0 psa. Designed pump rate is ramped up to 80 bpm, **maximum surface pressure is to be 8,500 psi**. Mark flush at 1.0 psa on wellhead densiometer and flush to top perf. Record ISIP, 5, 10 and 15 minute pressures. Isolate pump trucks from wellhead, rig down isolation tool and turn well over to production.

21. Shut well in and RDMO stimulation equipment. If well was fraced down casing, proceed with step 22, otherwise, skip to step 23.

22. A.) Flow test well for 24 hours recording hourly rates and pressures.

    B.) Drill out CBP at 10,730' using 1-3/4" coiled tubing. Clean out to 11,390'. Circulate hole clean with 2% KCl. Jet well in if necessary. POOH. RDMO CT unit.

    C.) Run ProTechnics TRACER AND PRODUCTION LOG over both frac stages.

    D.) MI & RU WO unit. Run production assembly based on well productivity.

    E.) Once production equipment has been run, release all rental equipment; RDMO WO rig; clean up location. Turn well over to pumper and turn to sales.

23. A.) Open circulating port and kill well. Release treating packer and POOH laying down frac string.

B.) Drill out CBP at 10,730' using 1-3/4" coiled tubing. Clean out to 11,390'. Circulate hole clean with 2% KCl. Jet well in if necessary. POOH. RDMO CT unit.

C.) Flow test well for 24 hours recording hourly rates and pressures.

D.) Run ProTechnics TRACER AND PRODUCTION LOG over both frac stages.

E.) MI & RU WO unit. Run production assembly based on well productivity.

F.) Once production equipment has been run, release all rental equipment; RDMO WO rig; clean up location. Turn well over to pumper and turn to sales

TREATMENT DOWN CASING

Stage 1 – Treatment Schedule - Casing

Stage #	Stage Type	Elapsed Time Min:sec	Fluid Type	Clean Volume (gal)	Prop Conc 1 (ppg)	Prop Conc 2 (ppg)	Stage Prop. (klbs)	Slurry Rate 1 (bpm)	Slurry Rate 2 (bpm)	Proppant Type
Wellbore Fluid			2% KCL	9281						
1	Main frac pad	1:03	XL	2000	0.00	0.00	0.0	40.00	50.00	
2	Main frac pad	6:40	XL	15000	0.50	0.50	7.5	50.00	80.00	100-Mesh
3	Main frac pad	7:16	XL	2000	0.00	0.00	0.0	80.00	80.00	
4	Main frac slurry	10:23	XL	10000	1.00	1.00	10.0	80.00	80.00	OptiProp 20/40
5	Main frac slurry	14:27	XL	12500	2.00	2.00	25.0	80.00	80.00	OptiProp 20/40
6	Main frac slurry	19:32	XL	15000	3.00	3.00	45.0	80.00	80.00	OptiProp 20/40
7	Main frac slurry	26:36	XL	20000	4.00	4.00	80.0	80.00	80.00	OptiProp 20/40
8	Main frac flush	29:13	LINEAR 20	8765	0.00	0.00	0.0	80.00	80.00	

Design clean volume (bbls) 2030.1 Design proppant pumped (klbs) 167.5
Design slurry volume (bbls) 2216.4

Casing Configuration

Length (ft)	Segment Type	Casing ID (in)	Casing OD (in)	Weight (lb/ft)	Grade
9997	Cemented Casing	6.094	7.000	32.000	N-80
12254	Cemented Casing	4.276	5.000	18.000	P-110

Total frac string volume (bbls) 221.0
Pumping down Casing

Perforation Intervals

	Interval #1	Interval #2	Interval #3	Interval #4	Interval #5	Interval #6
Top of Perfs - TVD (ft)	9369	9558	9655	9817	9957	10062
Bot of Perfs - TVD (ft)	9485	9609	9723	9852	10009	10122
Top of Perfs - MD (ft)	9369	9558	9655	9817	9957	10062
Bot of Perfs - MD (ft)	9485	9609	9723	9852	10009	10122
Perforation Diameter (in)	0.350	0.350	0.350	0.350	0.350	0.350
# of Perforations	16	40	20	9	30	33

Path Summary

Segment Type	Length (ft)	MD (ft)	TVD (ft)	Dev (deg)	Ann OD (in)	Ann ID (in)	Pipe ID (in)
Casing	2307	2307	2307	0.0	0.000	0.000	6.094
Casing	7755	10062	10062	0.0	0.000	0.000	4.276

Stage 2 – Treatment Schedule – Casing

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc 1 (ppg)	Prop Conc 2 (ppg)	Stage Prop. (klbs)	Slurry Rate 1 (bpm)	Slurry Rate 2 (bpm)	Proppant Type
Wellbore Fluid			2% KCL	8674						
1	Main frac pad	1:03	XL	2000	0.00	0.00	0.0	40.00	50.00	
2	Main frac pad	6:40	XL	15000	0.50	0.50	7.5	50.00	80.00	100-Mesh
3	Main frac pad	7:16	XL	2000	0.00	0.00	0.0	80.00	80.00	
4	Main frac slurry	10:23	XL	10000	1.00	1.00	10.0	80.00	80.00	OptiProp 20/40
5	Main frac slurry	14:27	XL	12500	2.00	2.00	25.0	80.00	80.00	OptiProp 20/40
6	Main frac slurry	19:32	XL	15000	3.00	3.00	45.0	80.00	80.00	OptiProp 20/40
7	Main frac slurry	26:36	XL	20000	4.00	4.00	80.0	80.00	80.00	OptiProp 20/40
8	Main frac flush	28:59	LINEAR 20	7967	0.00	0.00	0.0	80.00	80.00	

Design clean volume (bbls) 2011.1
Design slurry volume (bbls) 2197.4
Design proppant pumped (klbs) 167.5

Casing Configuration

Length (ft)	Segment Type	Casing ID (in)	Casing OD (in)	Weight (lb/ft)	Grade
9997	Cemented Casing	6.094	7.000	32.000	N-80
12254	Cemented Casing	4.276	5.000	18.000	P-110

Total frac string volume (bbls) 206.5
Pumping down Casing

Perforation Intervals

	Interval #1	Interval #2	Interval #3	Interval #4	Interval #5	Interval #6	Interval #7
Top of Perfs - TVD (ft)	8300	8489	8620	8792	8989	9137	9249
Bot of Perfs - TVD (ft)	8384	8555	8733	8957	9078	9175	9318
Top of Perfs - MD (ft)	8300	8489	8620	8792	8989	9137	9249
Bot of Perfs - MD (ft)	8384	8555	8733	8957	9078	9175	9318
Perforation Diameter (in)	0.350	0.350	0.350	0.350	0.350	0.350	0.350
# of Perforations	18	12	12	30	12	18	27

Path Summary

Segment Type	Length (ft)	MD (ft)	TVD (ft)	Dev (deg)	Ann OD (in)	Ann ID (in)	Pipe ID (in)
Casing	2307	2307	2307	0.0	0.000	0.000	6.094
Casing	6942	9249	9249	0.0	0.000	0.000	4.276

TREATMENT DOWN 4½" FRAC STRING

Stage 1 – Treatment Schedule – 4½" Tubing

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc 1 (ppg)	Prop Conc 2 (ppg)	Stage Prop. (klbs)	Slurry Rate 1 (bpm)	Slurry Rate 2 (bpm)	Proppant Type
Wellbore Fluid			2% KCL	7266						
1	Main frac pad	1:03	XL	2000	0.00	0.00	0.0	40.00	50.00	
2	Main frac pad	6:54	XL	15000	0.50	0.50	7.5	50.00	75.00	100-Mesh
3	Main frac pad	7:30	XL	2000	0.00	0.00	0.0	75.00	80.00	
4	Main frac slurry	10:37	XL	10000	1.00	1.00	10.0	80.00	80.00	OptiProp 20/40
5	Main frac slurry	14:41	XL	12500	2.00	2.00	25.0	80.00	80.00	OptiProp 20/40
6	Main frac slurry	19:47	XL	15000	3.00	3.00	45.0	80.00	80.00	OptiProp 20/40
7	Main frac slurry	26:51	XL	20000	4.00	4.00	80.0	80.00	80.00	OptiProp 20/40
8	Main frac flush	28:51	LINEAR 20	6749	0.00	0.00	0.0	80.00	80.00	

Design clean volume (bbls) 1982.1 Design proppant pumped (klbs) 167.5
Design slurry volume (bbls) 2168.4

Casing Configuration

Length (ft)	Segment Type	Casing ID (in)	Casing OD (in)	Weight (lb/ft)	Grade
9997	Cemented Casing	6.094	7.000	32.000	N-80
9947	Cemented Casing	4.276	5.000	18.000	P-110

Tubing Configuration

Length (ft)	Segment Type	Tubing ID (in)	Tubing OD (in)	Weight (lb/ft)	Grade
2300	Tubing	3.958	4.500	12.750	N-80

Total frac string volume (bbls) 173.0
Pumping down Tubing

Perforation Intervals

	Interval #1	Interval #2	Interval #3	Interval #4	Interval #5	Interval #6
Top of Perfs - TVD (ft)	9369	9558	9655	9817	9957	10062
Bot of Perfs - TVD (ft)	9485	9609	9723	9852	10009	10122
Top of Perfs - MD (ft)	9369	9558	9655	9817	9957	10062
Bot of Perfs - MD (ft)	9485	9609	9723	9852	10009	10122
Perforation Diameter (in)	0.350	0.350	0.350	0.350	0.350	0.350
# of Perforations	16	40	20	9	30	33

Path Summary

Segment Type	Length (ft)	MD (ft)	TVD (ft)	Dev (deg)	Ann OD (in)	Ann ID (in)	Pipe ID (in)
Tubing	2300	2300	2300	0.0	0.000	0.000	3.958
Casing	7	2307	2307	0.0	0.000	0.000	6.094
Casing	7755	10062	10062	0.0	0.000	0.000	4.276

Stage 2 – Treatment Schedule – 4½" Tubing

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc 1 (ppg)	Prop Conc 2 (ppg)	Stage Prop. (klbs)	Slurry Rate 1 (bpm)	Slurry Rate 2 (bpm)	Proppant Type
Wellbore Fluid			2% KCL	6659						
1	Main frac pad	1:03	XL	2000	0.00	0.00	0.0	40.00	50.00	
2	Main frac pad	6:56	XL	15000	0.50	0.50	7.5	50.00	75.00	100-Mesh
3	Main frac pad	7:32	XL	2000	0.00	0.00	0.0	75.00	80.00	
4	Main frac slurry	10:39	XL	10000	1.00	1.00	10.0	80.00	80.00	OptiProp 20/40
5	Main frac slurry	14:43	XL	12500	2.00	2.00	25.0	80.00	80.00	OptiProp 20/40
6	Main frac slurry	19:49	XL	15000	3.00	3.00	45.0	80.00	80.00	OptiProp 20/40
7	Main frac slurry	26:53	XL	20000	4.00	4.00	80.0	80.00	80.00	OptiProp 20/40
8	Main frac flush	28:39	LINEAR 20	5951	0.00	0.00	0.0	80.00	80.00	

Design clean volume (bbls) 1963.1 Design proppant pumped (klbs) 167.5
Design slurry volume (bbls) 2151.4

Casing Configuration

Length (ft)	Segment Type	Casing ID (in)	Casing OD (in)	Weight (lb/ft)	Grade
9997	Cemented Casing	6.094	7.000	32.000	N-80
9947	Cemented Casing	4.276	5.000	18.000	P-110

Tubing Configuration

Length (ft)	Segment Type	Tubing ID (in)	Tubing OD (in)	Weight (lb/ft)	Grade
2300	Tubing	3.958	4.500	12.750	N-80

Total frac string volume (bbls) 158.6
Pumping down Tubing

Perforation Intervals

	Interval #1	Interval #2	Interval #3	Interval #4	Interval #5	Interval #6	Interval #7
Top of Perfs - TVD (ft)	8300	8489	8620	8792	8989	9137	9249
Bot of Perfs - TVD (ft)	8384	8555	8733	8957	9078	9175	9318
Top of Perfs - MD (ft)	8300	8489	8620	8792	8989	9137	9249
Bot of Perfs - MD (ft)	8384	8555	8733	8957	9078	9175	9318
Perforation Diameter (in)	0.350	0.350	0.350	0.350	0.350	0.350	0.350
# of Perforations	18	12	12	30	12	18	27

Path Summary

Segment Type	Length (ft)	MD (ft)	TVD (ft)	Dev (deg)	Ann OD (in)	Ann ID (in)	Pipe ID (in)
Tubing	2300	2300	2300	0.0	0.000	0.000	3.958
Casing	7	2307	2307	0.0	0.000	0.000	6.094
Casing	6942	9249	9249	0.0	0.000	0.000	4.276

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: BELCHER 2-33B4

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4301330907

3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6400

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1085' FWL, 2348' FNL COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 33 2S 4W STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
_____	☐ CONVERT WELL TYPE	☑ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL. PLEASE REFER TO THE ATTACHED PROCEDURE. New Perfs 9369' to 10122'
8300' to 9318'
LGR/WSTCH

COPY SENT TO OPERATOR
Date: 7·16·2008
Initials: KS

NAME (PLEASE PRINT) LISA PRETZ TITLE ENGINEERING TECH

SIGNATURE _____ DATE 7/7/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/15/08
BY: _____
Cause 139-42

RECEIVED
JUL 09 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Workover Procedure
Belcher 2-33B4
Section 33, T2S, R4W
Altamont-Bluebell Field
Uinta County, Utah

COMPANY PERSONNEL

Title	Name	Office	Mobile	Home
Production Manager	Frank Seidel	(303) 291-6436	(303) 945-1049	(720) 524-8693
Production Engineer	Doug Sprague	(303) 291-6433	(303) 957-6176	(303) 627-4970
Production Foreman	Gary Lamb	(435) 454-4224	(435) 823-1443	(435) 454-3537

TUBULAR DATA

Material	Description	Burst (100%)	Col (100%)	Body Yield	Jt Yield	ID	Drift ID	Cap CF/LF	TOC
Surface Casing	9-5/8" 36# K-55 @ 2,525'	3520	2020	564	423	8.921	8.765	.4340	SURF
Intermediate Casing	7" 32# N-80 to 3,591, 29# N-80 to 6,475' & 26# N-80 to 9,997'	9060 8160 7240	8600 7020 5410	745 676 604	672 597 519	6.094 6.184 6.276	5.969 6.059 6.151	..2025 .2085 .2148	6,950' (CBL)
Production Liner	5" 18# P-110 @ 9,801' to 12,254'	13940	13450	580	495	4.276	4.151	.0997	Liner Top (CBL)
Scab Liner	5" 18# N-80 @ 2,307' to 9,801'	9910	10490	422	469	4.276	4.151	.0997	Liner Top (Calc)
Production Tubing	2-7/8" 6.5# N-80 8rd	10570	11160			2.441	2.347	.0325	

Procedure:

1. MIRU workover rig. Load well with TPW. POOH with rods and pump.

2. ND tree and NU and test BOP. Release TA and POOH with tubing string and BHA.

3. RIH with RB and 7" casing scraper to TOL at 2,307'. Circulate hole clean. POOH.

4. RIH with RB and 5" casing scraper to 10,200'. Circulate hole clean. POOH and LD BHA.

5. RU EL. Make GR run to 10,200'. RIH and set CIBP at 10,140'. Dump 20' of cement on top.

6. Pressure test casing to 8,600 psi. If casing will not test, proceed with step 7, otherwise, POOH and lay down tubing and RD & MO and skip to step 9.

7. POOH. Pick up packer and isolate leak. Establish breakdown. Design squeeze job based on breakdown data and squeeze leak. Drill out and test squeeze. Circulate hole clean. POOH laying down tubing.

8. Pick up treating packer with circulating port and RIH with 4 ½" frac string. Set packer at 2,300', just above liner top. Test frac string to 8,600 psi.

9. RU EL w/ 5K lubricator and test to 5,000 psi with water. RIH and shoot the intervals of Stage # 1 per the attached schedule with 3-1/8" HSC, 22.7 gm charges, ***SPF as noted*** and 120° phasing. Perforate first interval under 1,000 psig surface pressure. Record any changes in fluid level or wellhead pressure while perforating. RD WL unit. Lay and stake hardline to pit, NU chokes on casing valves.

10. MI and RU stimulation company and wellhead isolation tool.

11. Break down perforations with 5 drums of Champion paraffin chemical mixed with 20 barrels of diesel followed by 5,000 gallons 15% HCl acid at 20 to 30 bpm. Run 220 Bio-Ball (Brown or Green) sealers evenly dispersed in the acid. **Maximum allowable surface pressure is 8,500 psi. Anticipated frac gradient is 0.75 psi/ft.** All fluids to contain 2% KCl substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company. Bottom hole static temperature is 205° F at 9,745' (Mid perf). Overflush acid 10 bbls to bottom perf with 2% KCl water. Shut down. Isolate well head and continue to monitor well head pressure with stimulation company's data recorder for 15 minutes. Surge ball sealers. Leave well shut in for 60 minutes total to allow Bio-Balls to dissolve. Remove ball guns from treating line and re-pressure test treating line to 9,500 psig during shut in period.

12. Pump the Stage # 1 crosslinked gel frac treatment with 136,000 lbs **20/40 OptiProp** per the attached schedule. All fluids to contain 2% KCl substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company. Heat the treating water to achieve +/- 120°F the day of the frac. Tag job with three RA isotopes. RA #1 in 100 mesh; RA #2 in 1.0 and 2.0 psa; RA #3 in 3.0 and 4.0 psa. Designed pump rate is ramped up to 65 bpm; **maximum surface pressure is to be 8,500 psi**. Mark flush at 1.0 psa on wellhead densiometer and flush to top perf. Record ISIP, 5, 10 and 15 minute pressures. Isolate pump trucks from wellhead, rig down isolation tool.

13. Open circulating port on treating packer and kill well. Release packer and POOH.

14. RU WL and RIH and set 5" 10K CBP @ 9,350'. POOH. Test CBP and casing to 8,500 psi.

15. Pick up treating packer with circulating port and RIH with 4 ½" frac string. Set packer just above liner top. Test frac string to 8,500 psi. Skip to step 17.

16. RU WL and RIH and set 5" 10K CBP @ 9,350'. POOH. Test CBP and casing to 8,500 psi.

17. RU EL w/ 5K lubricator and test to 5,000 psi with water. RIH and shoot the intervals of Stage # 2 per the attached schedule with 3-1/8" HSC, 22.7 gm charges, ***SPF as noted*** and 120° phasing. Record any changes in fluid level or wellhead pressure while perforating. RD WL unit.

18. MI and RU stimulation company and wellhead isolation tool.

19. Break down perforations with 5 drums of Champion paraffin chemical mixed with 20 barrels of diesel followed by 5,000 gallons 15% HCl acid at 20 to 30 bpm. Run 190 Bio-Ball (Brown or Green) sealers evenly dispersed in the acid. **Maximum allowable surface pressure is 8,500 psi. Anticipated frac gradient is 0.75 psi/ft.** All fluids to contain 2% KCl substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company. Bottom hole static temperature is 191° F at 8,809' (Mid perf). Overflush acid 10 bbls to bottom perf with 2% KCl water. Shut down. Isolate well head and continue to monitor well head pressure with stimulation company's data recorder for 15 minutes. Surge ball sealers. Leave well shut in for 60 minutes total to allow Bio-Balls to dissolve. Remove ball guns from treating line and re-pressure test treating line to 9,500 psig during shut in period.

20. Pump the Stage # 2 crosslinked gel frac treatment with 136,000 lbs **20/40 OptiProp** per the attached schedule. All fluids to contain 2% KCl substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company. Heat the treating water to achieve +/- 120°F the day of the frac. Tag job with three RA isotopes. RA #1 in 100 mesh; RA #2 in 1.0 and 2.0 psa; RA #3 in 3.0 and 4.0 psa. Designed pump rate is ramped up to 65 bpm; **maximum surface pressure is to be 8,500 psi**. Mark flush at 1.0 psa on wellhead densiometer and flush to top perf. Record ISIP, 5, 10 and 15 minute pressures. Isolate pump trucks from wellhead, rig down isolation tool.

21. Shut well in and RDMO stimulation equipment.

22. Open circulating port and kill well. Release treating packer and POOH laying down frac string.

23. Drill out CBP at 10,730' using 1-3/4" coiled tubing. Clean out to 11,390'. Circulate hole clean with 2% KCl. Jet well in if necessary. POOH. RDMO CT unit.

24. Flow test well for 24 hours recording hourly rates and pressures.

25. Run ProTechnics TRACER AND PRODUCTION LOG over both frac stages.

26. MI & RU WO unit. Run production assembly based on well productivity.

27 Once production equipment has been run, release all rental equipment; RDMO WO rig; clean up location. Turn well over to pumper and turn to sales

Stage 1 – Treatment Schedule – 4½" Tubing

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc 1 (ppg)	Prop Conc 2 (ppg)	Stage Prop. (klbs)	Slurry Rate 1 (bpm)	Slurry Rate 2 (bpm)	Proppant Type
Wellbore Fluid			2% KCL	7266						
1	Main frac pad	1:03	XL	2000	0.00	0.00	0.0	40.00	50.00	
2	Main frac pad	7:24	XL	15000	0.50	0.50	7.5	50.00	65.00	100-Mesh
3	Main frac pad	8:08	XL	2000	0.00	0.00	0.0	65.00	65.00	
4	Main frac slurry	13:30	XL	14000	1.00	1.00	14.0	65.00	65.00	OptiProp 20/40
5	Main frac slurry	19:55	XL	16000	2.00	2.00	32.0	65.00	65.00	OptiProp 20/40
6	Main frac slurry	25:46	XL	14000	3.00	3.00	42.0	65.00	65.00	OptiProp 20/40
7	Main frac slurry	30:59	XL	12000	4.00	4.00	48.0	65.00	65.00	OptiProp 20/40
8	Main frac flush	33:27	LINEAR 20	6749	0.00	0.00	0.0	65.00	65.00	

Design clean volume (bbls) 1946.4 Design proppant pumped (klbs) 143.5
Design slurry volume (bbls) 2105.9

Casing Configuration

Length (ft)	Segment Type	Casing ID (in)	Casing OD (in)	Weight (lb/ft)	Grade
9997	Cemented Casing	6.094	7.000	32.000	N-80
9947	Cemented Casing	4.276	5.000	18.000	P-110

Tubing Configuration

Length (ft)	Segment Type	Tubing ID (in)	Tubing OD (in)	Weight (lb/ft)	Grade
2300	Tubing	3.958	4.500	12.750	N-80

Total frac string volume (bbls) 173.0
Pumping down Tubing

Perforation Intervals

	Interval #1	Interval #2	Interval #3	Interval #4	Interval #5	Interval #6
Top of Perfs - TVD (ft)	9369	9558	9655	9817	9957	10062
Bot of Perfs - TVD (ft)	9485	9609	9723	9852	10009	10122
Top of Perfs - MD (ft)	9369	9558	9655	9817	9957	10062
Bot of Perfs - MD (ft)	9485	9609	9723	9852	10009	10122
Perforation Diameter (in)	0.350	0.350	0.350	0.350	0.350	0.350
# of Perforations	16	40	20	9	30	33

Path Summary

Segment Type	Length (ft)	MD (ft)	TVD (ft)	Dev (deg)	Ann OD (in)	Ann ID (in)	Pipe ID (in)
Tubing	2300	2300	2300	0.0	0.000	0.000	3.958
Casing	7	2307	2307	0.0	0.000	0.000	6.094
Casing	7755	10062	10062	0.0	0.000	0.000	4.276

Stage 2 – Treatment Schedule – 4½" Tubing

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc 1 (ppg)	Prop Conc 2 (ppg)	Stage Prop. (klbs)	Slurry Rate 1 (bpm)	Slurry Rate 2 (bpm)	Proppant Type
Wellbore Fluid			2% KCL	6659						
1	Main frac pad	1:03	XL	2000	0.00	0.00	0.0	40.00	50.00	
2	Main frac pad	7:24	XL	15000	0.50	0.50	7.5	50.00	65.00	100-Mesh
3	Main frac pad	8:08	XL	2000	0.00	0.00	0.0	65.00	65.00	
4	Main frac slurry	13:30	XL	14000	1.00	1.00	14.0	65.00	65.00	OptiProp 20/40
5	Main frac slurry	19:55	XL	16000	2.00	2.00	32.0	65.00	65.00	OptiProp 20/40
6	Main frac slurry	25:46	XL	14000	3.00	3.00	42.0	65.00	65.00	OptiProp 20/40
7	Main frac slurry	30:59	XL	12000	4.00	4.00	48.0	65.00	65.00	OptiProp 20/40
8	Main frac flush	33:09	LINEAR 20	5951	0.00	0.00	0.0	65.00	65.00	

Design clean volume (bbls) 1927.4
Design slurry volume (bbls) 2086.9
Design proppant pumped (klbs) 143.5

Casing Configuration

Length (ft)	Segment Type	Casing ID (in)	Casing OD (in)	Weight (lb/ft)	Grade
9997	Cemented Casing	6.094	7.000	32.000	N-80
9947	Cemented Casing	4.276	5.000	18.000	P-110

Tubing Configuration

Length (ft)	Segment Type	Tubing ID (in)	Tubing OD (in)	Weight (lb/ft)	Grade
2300	Tubing	3.958	4.500	12.750	N-80

Total frac string volume (bbls) 158.6
Pumping down Tubing

Perforation Intervals

	Interval #1	Interval #2	Interval #3	Interval #4	Interval #5	Interval #6	Interval #7
Top of Perfs - TVD (ft)	8300	8489	8620	8792	8989	9137	9249
Bot of Perfs - TVD (ft)	8384	8555	8733	8957	9078	9175	9318
Top of Perfs - MD (ft)	8300	8489	8620	8792	8989	9137	9249
Bot of Perfs - MD (ft)	8384	8555	8733	8957	9078	9175	9318
Perforation Diameter (in)	0.350	0.350	0.350	0.350	0.350	0.350	0.350
# of Perforations	18	12	12	30	12	18	27

Path Summary

Segment Type	Length (ft)	MD (ft)	TVD (ft)	Dev (deg)	Ann OD (in)	Ann ID (in)	Pipe ID (in)
Tubing	2300	2300	2300	0.0	0.000	0.000	3.958
Casing	7	2307	2307	0.0	0.000	0.000	6.094
Casing	6942	9249	9249	0.0	0.000	0.000	4.276

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: BELCHER 2-33B4

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4301330907

3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6400

10. FIELD AND POOL, OR WILDCAT: ALTAMONT

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1085' FWL, 2348' FNL

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 33 2S 4W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
8/4/2008	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☑ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

OPERATOR PERFORMED THE FOLLOWING WORK ON THE SUBJECT WELL BETWEEN 7/7/2008 AND 8/4/2008:

TOOH W/ RODS AND TBG. RIH AND SET RBP @ 9750'. SET PKR @ 9708'. TEST PKR AND RBP TO 2000 PSI, OK. RELEASE PKR. RIH AND SET CIBP @ 10,130' AND DUMP BAIL 5' SAND AND 5' CMT ON PLUG. RIH AND PERFORATE FROM 10,122' - 9369'. RIH AND SET PKR @ 2361'. TEST TO 1500 PSI, OK. PUMP 25 BBLS DIESEL AND PARAFFIN SOL. FLUSH W/ 16 BBLS KCL. PUMP 119 BBLS 15% HCL ACID, 365 BBLS 100 MESH SAND, 1512 BBLS 20/40 OPTIPROP. RELEASE PKR. TOOH W/ TBG AND PKR. RIH AND SET 5" CBP @ 9,347'. PERFORATE FROM 9316' - 8,300' (3-1/8" GUN, 3 SPF, 129 HOLES). RIH AND SET PKR @ 2361'. PRESS TEST TO 1000 PSI, OK. FRAC PERFS W/ 2300 LBS 100 MESH SAND, 87,815 LBS 20/40 OPTIPROP. FLUSH W/ 54 BBLS 2% KCL WATER. RELEASE PKR. TAG SAND @ 9257'. REVERSE CIRCULATE AND CLEAN OUT WELL TO 9292'. DRILL OUT CBP AND CLEAN OUT WELL TO 10,132'. PRESS TEST CSG TO 2000 PSI, GOOD.
RIH W/ 2-7/8" TBG. SET TAC @ 8291'. RIH W/ ROD STRING. STROKE TEST PUMP TO 1000 PSI, GOOD.

RETURN WELL TO PRODUCTION ON 8/4/2008.

NAME (PLEASE PRINT) LISA PRETZ

TITLE ENGINEERING TECH

SIGNATURE

DATE 8/27/2008

(This space for State use only)

RECEIVED
SEP 09 2008
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2012**

FROM: (Old Operator):	**TO:** (New Operator):
N3065- El Paso E&P Company, L.P.	N3850- EP Energy E&P Company, L.P.
1001 Louisiana Street	1001 Louisiana Street
Houston, TX. 77002	Houston, TX. 77002
Phone: 1 (713) 997-5038	Phone: 1 (713) 997-5038

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/27/2012

4a. Is the new operator registered in the State of Utah: _____ Business Number: 2114377-0181

5a. (R649-9-2)Waste Management Plan has been received on: Yes

5b. Inspections of LA PA state/fee well sites complete on: N/A

5c. Reports current for Production/Disposition & Sundries on: 6/25/2012

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/29/2012
3. Bond information entered in RBDMS on: 6/29/2012
4. Fee/State wells attached to bond in RBDMS on: 6/29/2012
5. Injection Projects to new operator in RBDMS on: 6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705

3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: See Attached

2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT: See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
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Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Name/Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

Frank W. Falleri
Vice President
El Paso E&P Company, L.P.

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez DATE 6/22/2012

(This space for State use only)

APPROVED 6/29/2012
Rachel Medina
Division of Oil, Gas and Mining
~~Earlene Russell, Engineering Technician~~
Rachel Medina

RECEIVED
JUN 25 2012
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

El Paso E1 Company, L.P. (N3065) to EP Energy E1 Company, L.P. (N3850) effective 6/1/2012

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA	
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA	
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA	
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA	
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA	
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA	
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA	
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA	
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA	
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA	
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA	
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA	
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA	
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA	
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA	
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA	
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA	
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA	
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA	
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA	
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA	
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA	
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA	
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA	
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA	
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA	
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA	
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA	
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA	
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA	
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA	
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA	
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA	
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA	
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA	
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA	
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA	
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA	
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA	
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA	
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA	
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA	
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA	
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA	
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA	
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA	
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA	
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA	
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA	
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA	
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA	
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA	
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA	
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA	
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA	
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA	
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA	
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S	

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
BELCHER 2-33B4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013309070000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2348 FNL 1085 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 33 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/1/2012	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Set Plug

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to set CIBP @ ~7750' with 10' cement on top, perforate from 6775' - 7725'(Middle Green River) (top of Green River @ 5028') and ~45000 gal 15% HCL. See attached procedure, cross section and landman affidavit.

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst

SIGNATURE	DATE
N/A	10/10/2012

RECEIVED: Oct. 10, 2012

Dustin Doucet - FW: UGR & MGR Recoms

From: "Gomez, Maria S" <Maria.Gomez@EPEnergy.com>
To: "dustindoucet@utah.gov" <dustindoucet@utah.gov>
Date: 10/30/2012 10:44 AM
Subject: FW: UGR & MGR Recoms

Dustin:

As you can see below, it is not EP's intention to permanently abandon the UW or LGR. EP requests permission to set 10' of cement on top of the CIBP instead of the 100' required to permanently abandon the zone.

Thanks,

Maria S. Gomez
EP ENERGY
Principal Regulatory Analyst
maria.gomez@epenergy.com
713-997-5038 Office
713-445-8554 Fax
832-683-0361 Cell

From: Tisci, Sam A
Sent: Friday, October 26, 2012 12:58 PM
To: Gomez, Maria S
Cc: Mitchell, Orion L (Orion); Biancardi, Steven; LeFlore, Rachel K (Rachel)
Subject: UGR & MGR Recoms

Maria,

On the subject project scopes, it is our intention to NOT permanently abandon the LGR or UW in favor of the UGR/MGR zones. We will set plugs and when the UGR/MGR recoms deplete or prove uneconomic, we plan on squeezing off the zones and drilling out the plugs to recover the reserves left under said plugs. Therefore, we ask for permission to only leave 10' cement on our CIBP's on said subject recom projects.

EP ENERGY
Sam A. Tisci
Sr. Staff Production Engineer
Production Operations
1001 Louisiana Street
P.O. Box 4660
Houston, Tx. 77210-4660
(713) 997-4379 - Direct
(713) 828-9806 - Cell
sam.tisci@epenergy.com
****PLEASE note changes in EMAIL and OFFICE phone numbers.**

Belcher 2-33B4 MGR Recom Summary Procedure

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Circulate & Clean wellbore
- RIH with 7”CIBP, set plug at ~7,750’, dump bail 10’ cement on top
- Perforate new MGR interval from ~6,775’ – 7,725’
- Acidize perforations with 45,000 gals of 15% HCL
- Leave CIBP @ ~7,750’
- RIH w/tubing, pump & rods
- Clean location and resume production

RECEIVED: Oct. 10, 2012

Belcher 2-33B4
Proposed Recompletion
Middle Green River

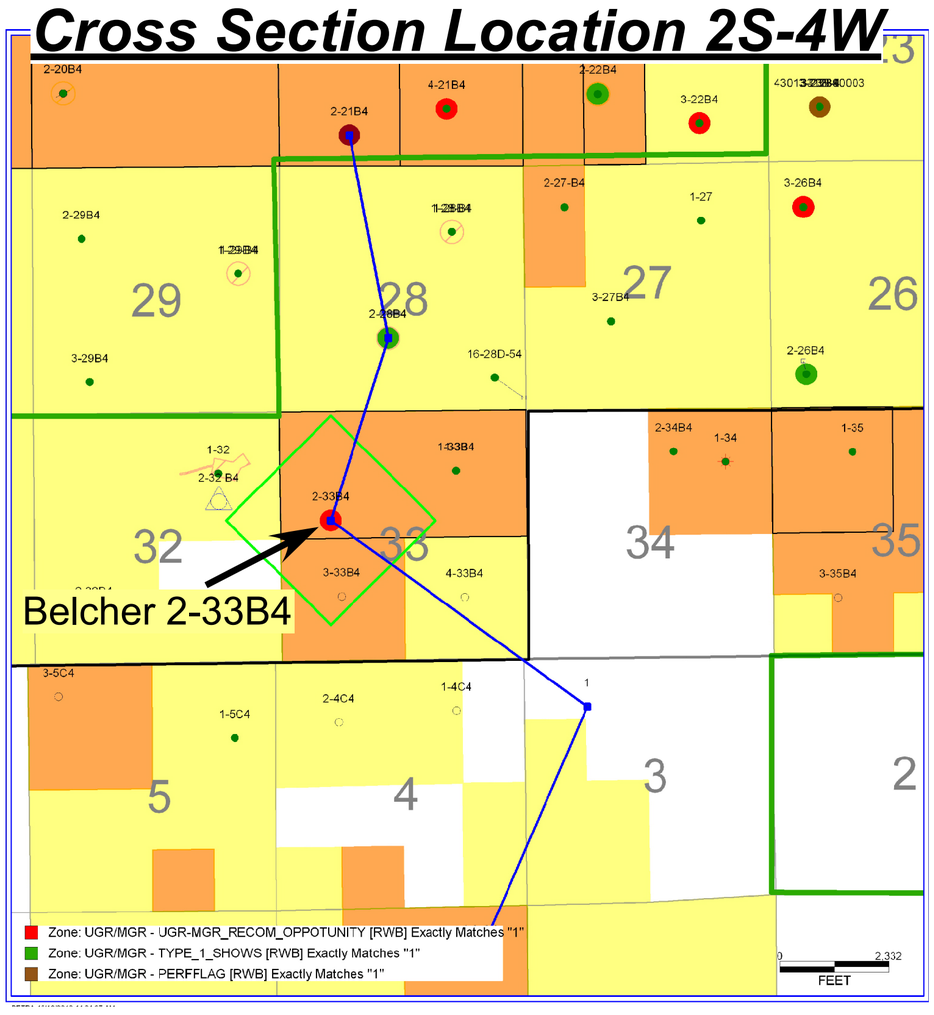
Belcher 2-33B4 Tops

Tops	Measured Depth
GRRV	5,027'
MidGRRV	6,818'
TGR3	8,297'
CP70	9,964'
Wasatch	10,094'

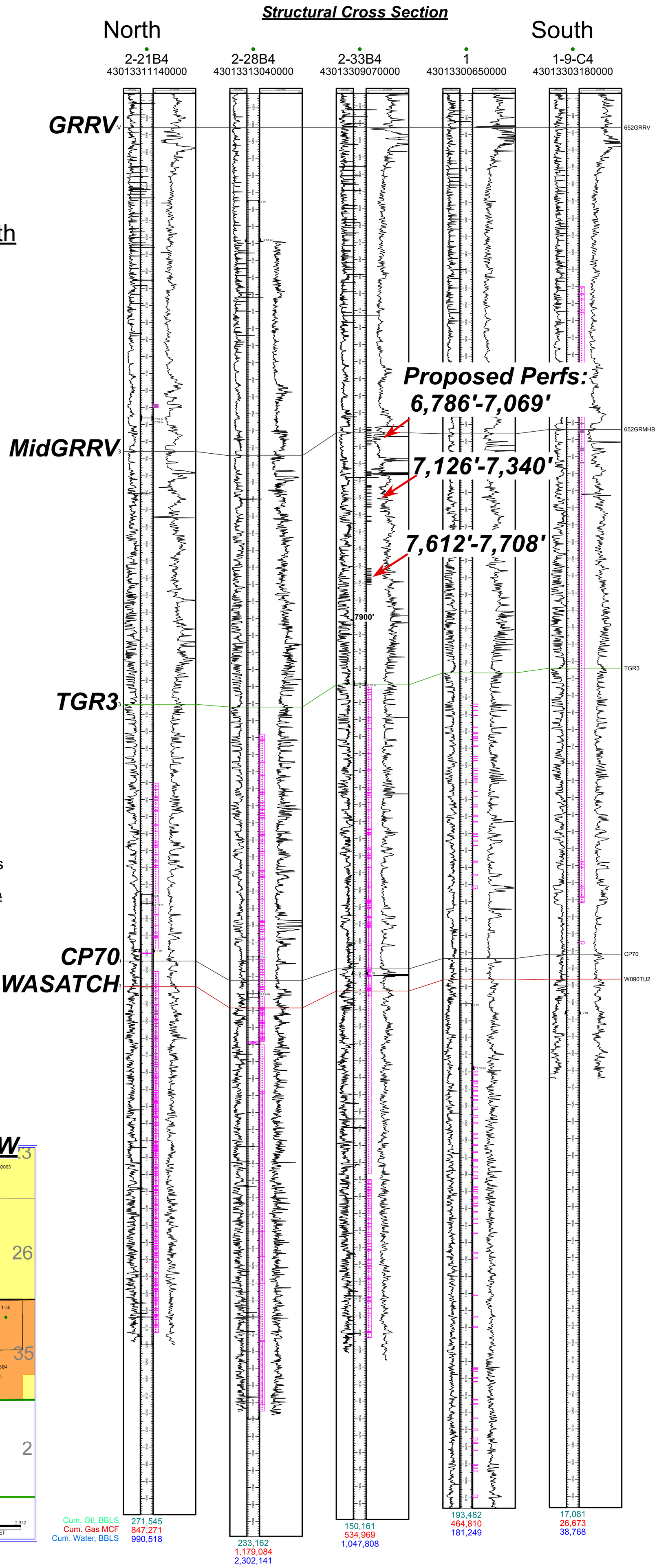
Well History

7/84 Spud
9/84 TD
11/84 Completion 1
Pf 11,200-12,126' AJ 25,000gals 15% HCl
9/85 AJ 10,000 gals 15% HCl
10/91 Repaid csg leak @ 2,725'
6/95 Repair csg leak
7/99 2nd Completion 10,0084-11,167' AJ 7800 gals Hcl
8/08 3rd Completion Pf 9,369-10,122' Frac 119 Bbls Acid, 365 Bbls 100 Mesh, 1512 Bbls 20/40
Pf 8,300-9,318' Frac 2300# 100 Mesh and 87,815 # 20/40

Cross Section Location 2S-4W



Structural Cross Section



LANDMAN AFFIDAVIT FOR EXECEPTION LOCATION

Orion L. Mitchell personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Orion L. Mitchell. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana Street, Houston, Texas 77002 ("EP Energy").

2. EP Energy is the operator of the Belcher 2-33B4 well ("the Well"), drilled in 1984 and located in the SW/4 of the NW/4 of Section 33, Township 2 South, Range 4 West, USM, Duchesne County, Utah.

3. EP Energy owns 100% working interest in this well and of all the leases in this Section, which includes the leases within the 460' radius of the well (see map included on page 2).

FURTHER AFFIANT SAYETH NOT.

Orion L. Mitchell

Orion L. Mitchell

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF HARRIS §

This instrument was acknowledged before me on this the 9th day of October, 2012 by Orion L. Mitchell as a Landman for EP ENERGY E&P COMPANY, L.P., a Delaware limited partnership, on behalf of said partnership and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

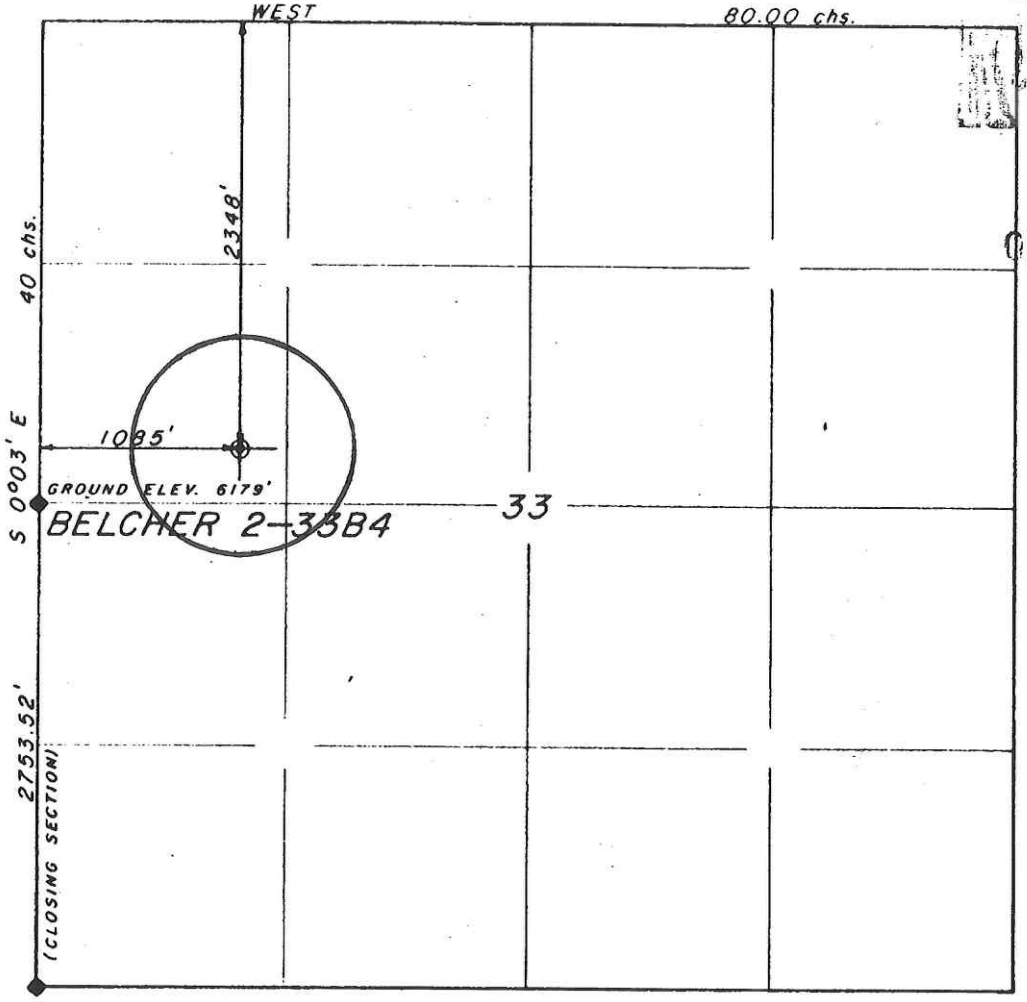
GINGER M CEARLEY
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 2, 2014

Ginger Cearley

Notary Public in and for State of Texas

LINMAR ENERGY CORP.
WELL LOCATION PLAT
BELCHER 2-33B4

LOCATED IN THE SW¼ OF THE NW¼ OF SECTION 33, T2S, R4W, U.S.B.&M.



RECEIVED
JAN 27 1984
DIVISION OF
OIL, GAS & MINING

NORTH

SCALE: 1"=1000'

LEGEND & NOTES

◆ CORNERS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

Jerry D. Allred

Jerry D. Allred, Registered Land Surveyor Cert. No. 3817 (Utah)

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

82-121-027 18 Jan. '84

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
BELCHER 2-33B4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013309070000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2348 FNL 1085 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 33 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT
  Approximate date work will start:
- ✓ SUBSEQUENT REPORT
  Date of Work Completion:
  11/11/2013
- ☐ SPUD REPORT
  Date of Spud:
- ☐ DRILLING REPORT
  Report Date:

TYPE OF ACTION

✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached post work procedure for details.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 21, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst

SIGNATURE	DATE
N/A	1/31/2013

RECEIVED: Jan. 31, 2013

Belcher 2-33B4 MGR Recom Summary Procedure

- POOH w/Rods & pump, Release anchor, POOH w/tubing string
- Circulate & Clean wellbore
- Set CIBP @ 8000' and pumped 10 sx of class G cement. TOC @ 7888'.
- Perforate 1st stage of new MGR interval from 7612' – 7708' with 69 shots and acidized with 15000 gals.
- Perforate 2nd stage of new MGR interval from 7216' – 7340' with 69 shots and acidized with 15000 gals.
- Perforate 3rd stage of new MGR interval from 6786' – 7069' with 69 shots and acidized with 15000 gals.
- RIH w/tubing, pump & rods
- Cleaned location and resumed production

RECEIVED: Jan. 31, 2013

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1627

43 013 30907
Belcher 2-33B4
33 2S 4W

Ms. Maria Gomez
EP Energy E&P Company, LP.
1001 Louisiana
Houston, TX 77002

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Gomez:

As of April 2014, EP Energy E&P Company, LP (EP) has twenty-seven (27) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Two (2) wells in 2013 and four (4) wells in 2014 were added to EP's SI/TA list.

The Division has worked with EP for many years to reduce the immense number of wells that were in non-compliance status. The Division feels that EP's SI/TA list is now at a manageable number; therefore all wells need to be addressed.

EP has a number of wells that were proposed for plugging (attachment A) but have not been plugged. Additionally, four (4) wells were inspected and reported as plugged by Division inspectors, but EP has failed to file subsequent plugging sundries and consequently are still listed as SI/TA (attachment A).

It has also come to the Division's attention that there are unresolved complaints against EP from landowners concerning spills and site access. Specifically with reference to the Christensen 3-4B4, pictures showing the state of the well were sent to the Division; it appears that this well is nowhere near being capable of production. This is cause for concern which needs to be addressed.

EP shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Proposed PA	Plugged
1	CEDAR RIM 2	43-013-30019	FEE	12 years 7 months	Needs subsequent	7/17/2013
2	CHRISTENSEN 3-4B4	43-013-31142	FEE	10 years 4 month	5/10/2010	
3	DRY GULCH 1-36A1	43-047-30569	FEE	22 years 1 moth		
4	LARSEN 1-25A1	43-047-30552	FEE	10 years 11 months		
5	FARSWORTH 2-12B5	43-013-31115	FEE	10 years 5 months	5/18/2007	
6	BROTHERSON 1-10B4	43-013-30110	FEE	9 years 11 months		
7	BROTHERSON 1-24B4	43-013-30229	FEE	8 years 11 months		
8	BROTHERSON 1-33A4	43-013-30272	FEE	7 years 1 month		
9	MILES 2-35A4	43-013-31087	FEE	6 years 11 months	12/31/2012	
10	SMB 1-10A2	43-013-30012	FEE	4 years 8 months		
11	RUST 1-4B3	43-013-30063	FEE	4 years 7 months	Needs subsequent	9/19/2013
12	SMITH ALBERT 2-8C5	43-013-30543	FEE	4 years 9 months	Needs subsequent	12/4/2013
13	VODA JOSEPHINE 2-19C5	43-013-30553	FEE	4 years 9 months		
14	BROWN 2-28B5	43-013-30718	FEE	4 years 3 months		
15	HANSUKUTT 2-23B5	43-013-30917	FEE	4 years 8 months	Needs subsequent	10/24/2013
16	BROTHERSON 3-23B4	43-013-31289	FEE	4 years 9 months		
17	BROTHERSON 1-14B4	43-013-30051	FEE	3 years 11 months		
18	BROTHERSON 2-3B4	43-013-31008	FEE	3 years 6 months		
19	POWELL 2-33A3	43-013-30704	FEE	3 years 1 month	6/1/2014	
20	BROTHERSON 2-3B4	43-013-31008	FEE	3 years 3 months		
21	DASTRUP 2-30A3	43-013-31320	FEE	3 years 8 months		
22	R HOUSTON 1-22Z1	43-013-30884	FEE	2 years 3 months		
23	HORROCKS 5-20A1	43-013-34280	FEE	4 years 7 months		
24	BELCHER 2-33B4	43-013-30907	FEE	1 year 2 months		
25	CEDAR RIM 2A	43-013-31172	FEE	2 years 2 months		
26	EULA-UTE 1-16A1	43-013-30782	FEE	1 year 11 months		
27	HANSEN 1-16B3	43-013-30617	FEE	1 year 8 months		

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
BELCHER 2-33B4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013309070000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2348 FNL 1085 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 33 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/10/2014	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	✓ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Step Rate Test

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to do permanent tubing install, new step rate test and acid job. Please see attached for details.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 06, 2014

By: Dark K Quist

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		11/6/2014

RECEIVED: Nov. 06, 2014

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013309070000

A bottom hole pressure bomb shall be run during step rate test to record actual bottom hole pressures along with recording surface pressures in order to help determine friction loss in coated pipe and maximum allowable surface pressure.

RECEIVED: Nov. 06, 2014

Belcher 2-33B4

Permanent Tubing Install+New SRT+Acid Job

Summary Procedure

- POOH w/ 2-7/8” tubing string
- RIH with 3-1/2” by 2-7/8” internally coated tubing & packer
- Perform MIT on backside to 1,000psi
- Perform new SRT (step rate test)
- Acidize perforations with 7,500 gals of 15% HCL+500 gals xylene
- Clean location and resume injection

RECEIVED: Nov. 06, 2014

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT
Cause No. UIC-423.1

Operator: EP Energy

Well: Belcher 2-33B4

Location: Section 33, Township 2 South, Range 4 West, USM

County: Duchesne

API No.: 43-013-30907

Well Type: Saltwater Disposal Well

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 17, 2014.
2. Maximum Allowable Injection **Bottom-Hole** Pressure: 2,392 psi
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Uintah Formation & Green River Formation (4,142' – 6,190')
5. A Monthly Injection Report shall be filed as required by R649-8-20.

Approved by: _____ 09/24/2014
John Rogers — Date
Associate Director

JR/AM/js
cc: Bruce Suchomel, Environmental Protection Agency
Duchesne County Planning
Well File
N:\O&G Permits\Injection Permits\EP Energy
Attachment

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

SAFE OPERATING PARAMETERS FOR SURFACE FACILITY OPERATIONS

*** SAFE OPERATING CONDITIONS ***

CALCULATED BOTTOM HOLE PRESSURES FOR A GIVEN PUMP RATE AND WELL HEAD INJECTION PRESSURE

Pump Rate (bpm)	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP
0	3971	3871	3771	3671	3571	3471	3371	3271	3171	3071	2871	2771	2671	2571	2471	2371	2271
0.5	3963	3863	3763	3663	3563	3463	3363	3263	3163	3063	2863	2763	2663	2563	2463	2363	2263
1	3947	3847	3747	3647	3547	3447	3347	3247	3147	3047	2847	2747	2647	2547	2447	2347	2247
2	3874	3774	3674	3574	3474	3374	3274	3174	3074	2974	2774	2674	2574	2474	2374	2274	2174
3	3777	3677	3577	3477	3377	3277	3177	3077	2977	2877	2677	2577	2477	2377	2277	2177	2077
4	3647	3547	3447	3347	3247	3147	3047	2947	2847	2747	2547	2447	2347	2247	2147	2047	1947
5	3485	3385	3285	3185	3085	2985	2885	2785	2685	2585	2385	2285	2185	2085	1985	1885	1785
6	3242	3142	3042	2942	2842	2742	2642	2542	2442	2342	2142	2042	1942	1842	1742	1642	1542
7	2999	2899	2799	2699	2599	2499	2399	2299	2199	2099	1899	1799	1699	1599	1499	1399	1299
8	2716	2616	2516	2416	2316	2216	2116	2016	1916	1816	1616	1516	1416	1316	1216	1116	1016
9	2432	2332	2232	2132	2032	1932	1832	1732	1632	1532	1332	1232	1132	1032	932	832	732
9.3	2392	2292	2192	2092	1992	1892	1792	1692	1592	1492	1292	1192	1092	992	892	792	692
Well Head Injection Pres. =	2100	2000	1900	1800	1700	1600	1500	1400	1300	1200	1000	900	800	700	600	500	400

MABHP = 2392 *** MAXIMUM ALLOWABLE BOTTOM HOLE PRESSURE AT 4050' SET BY UDOGM **

Corresponds to Safe Operating Conditions as measured at the Surface to Insure a Bottom Hole Pressure less than the MABHP

Corresponds to Injection Pressure at Well Head

Corresponds to Min Pump Rate Allowed for given Injection Pressure at Well Head in order to Maintain MABHP...!!!

ALTAMONT FIELD SWD SYSTEM

SWD WELL PRESSURE GRADIENT SUMMARY

January 8, 2015

Prepared by: DSB - 1/8/2015

Avg. Injection Fluid Grad. = 0.435 psi/ft

	Well	API #	EPA #	(See Note) MAIP (PSI)	VOLUME LIMITS (BWPD)	TOP OF Perf Interval	Column Pres. @ Top Perf	STATE ALLOWED Pressure Gradients	PRESENT AVG. DAILY INJ. VOL. (BWPD)	PRESENT MAX. INJECT. PRESSURE (PSI)	NOTES
1	Tew 1-9B5	43-013-30121	UT2722-03788	790	15000 **	4206	1830	**0.62**	9480	600	Receives ~ 90% of Main (Chevron) Line
2	Ute Tribal 1-14C6	43-013-30056	UT2816-04352	918	Pres. Limits	2857	1243	**0.76**	3088	400	Confined to Cedar Rim (West Side)
3	Ehrich 2-11B5	43-013-30391	UT2685-02390	940	7200 *	3749	1631	**0.69**	6319	900	Receives ~ 10% of Main (Chevron) Line
4	Allred 2-16A3	43-013-30361	UT2651-02556	1500	5000*	3593	1563	**0.85**	0	0	In-Active - No Pipeline /28' of Fill on Perfs
5	Lake Fork 2-23B4	43-013-30038	UT2681-02386	1500	4500*	4204	1829	**0.79**	2742	550	Casing Prob. - Requested 3700' inj. Top....??
6	Birch 2-35A5	43-013-30362	UT2652-02557	768	5000 *	3604	1568	**0.65**	0	0	Re-Activated 2012
7	**LDS Church 2-27B5**	43-013-30340	UT2684-02389	550	4000*	2088	908	**0.70**	5171	500	Shallower well
8	**Russell Lindsay 2-32B4**	43-013-30371	UT2658-02558	830	2880 *	2464	1072	**0.77**	561	680	Shallower well
9	Hanson Trust 2-4B3	43-013-30337	UT2683-02388	1350	6500*	3000	1305	**0.89**	1572	1050	
10	Ute Tribal 1A-18C6	43-013-15122		1110	4500*	4290	1866	**0.69**	2437	400	Confined to Cedar Rim (West Side)
11	**Rhoades 1-36B5**	43-013-30289	UT2818-04357	872	12000**	4114	1790	**0.65**	5307	840	May be able to add perfs up hole (EPA)
12	Davis 1-33A1E	43-047-30384	UT2881-04555	1150	Pres. Limits	5408	2352	**0.65**	365	1100	add 6617 - 8272 w/acid in 2010 (poor well)
13	Lawson 1-21A1	43-013-30738		1700	Pres. Limits	8642	3759	**0.63**	0	1700	Newest Well
		TOTAL REGULATED INJECTION VOLUMES =			**66580+**		**FIELD AVERAGE =**	**0.72**			
							TOTAL AVERAGE DAILY INJECTION VOLUME =		37042		
						NEAR BY WELL AVG. =		**0.73**			

EXHIBIT - 1

STEP RATE TEST #2 DATA

BELCHER 2-33B4 SWD SRT DATA 1/8/2015 **DSB**

**TOP PERFORATION (or Packer Depth)	4150	(ft) *See Calculations Below (Pres. Bomb Setting)
SRT FLUID GRADIENT	0.435	(psi/ft) Field Reported (and Calculated)
Static WHP	245	(ft) *From Work Reports (245psi SWHP)

From Pres. Bombs => **Formation Static BHP**

** NOTE: Calculations base on Top Perforation

	RECORDED DATA		CALCULATED DATA			2050	Differential
	Pump Rate (bpm)	Recorded Surface Press. (psi)	Hydrostatic Pressure	per 100' Friction Loss (psi/100')	Total Friction Loss (psi)	RECORDED Pressure BHP (psi)	Pressure Across Formation
	0	245	1805	0	0	2050	0
	1	393	1805	3.2	133	2065	15
	2	418	1805	3.74	155	2068	18
	3	568	1805	7.25	301	2072	22
	4	647	1805	9	374	2079	29
	5	890	1805	14.75	612	2083	33
	6	994	1805	17	706	2094	44
	7	1323	1805	24.75	1027	2101	51
	8	1652	1805	32.5	1349	2109	59
	9	2038	1805	41.5	1722	2121	71
	10	2242	1805	46.25	1919	2128	78
	11	2360	1805	48.75	2023	**2142**	92
	12	2828	1805	59.75	2480	**2154**	104
MAX	13	3318	1805	71.35	2961	**2162**	112

**** NOTE:** A **CONSERVITIVE** estimate ot the fracture gradient for the Altamont field area is **.75 psi/ft**. This equates to a Bottom Hole Fracture pressure of 3106 psi at the Top Perf depth (4142') in the Belcher well. The Belcher 2-33B4 Step Rate Tests only reached 70% of this value at a Top Perf depth of (4150') as revealed by the BHP of 2162 psi measured by pressure Bombs at an injection rate of 13 BWPM. (SEE:MAX)

*** NOTE:** The requested MAIP is based on a Fracture Gradient of .75 psi/ft and is well within that which has been allowed in the field in the past, the allowed fracture gradients ranging from .62 to .89 psi/ft. The average fracture gradient allowed on the (4)

Prepared by: DSB - 1/8/2015

SAFE OPERATING PARAMETERS FOR SURFACE FACILITY OPERATIONS

*** SEE: EXHIBIT - 1

.89 / .62	***** Pressure Gradients Allowed by the State on other EP Energy SWD Wells in the Field....!!!**
0.77	*** Pressure Gradient Allowed on the Off Set Well / Russell Lindsay SWD
0.73	***** Average Pressure Gradient Allowed on Nearby SWD wells**

PRESENT UDOGM GRADIENT LIMIT ~ .59

CALCULATED BOTTOM HOLE PRESSURES FOR A GIVEN PUMP RATE AND WELL HEAD INJECTION PRESSURE

Pump Rate (bpm)	BHP	BHP	0.92 BHP	0.80 BHP	0.77 BHP	0.75 BHP	0.72 BHP	0.68 BHP	0.65 BHP	0.63 BHP	0.60 BHP	0.58 BHP	BHP	BHP
0	4805	4305	3805	3305	3205	3105	3005	2805	2705	2605	2505	2405	2305	2205
1	4672	4172	3672	3172	3072	2972	2872	2672	2572	2472	2372	2272	2172	2072
2	4650	4150	3650	3150	3050	2950	2850	2650	2550	2450	2350	2250	2150	2050
3	4504	4004	3504	3004	2904	2804	2704	2504	2404	2304	2204	2104	2004	1904
4	4432	3932	3432	2932	2832	2732	2632	2432	2332	2232	2132	2032	1932	1832
5	4193	3693	3193	2693	2593	2493	2393	2193	2093	1993	1893	1793	1693	1593
6	4100	3600	3100	2600	2500	2400	2300	2100	2000	1900	1800	1700	1600	1500
7	3778	3278	2778	2278	2178	2078	1978	1778	1678	1578	1478	1378	1278	1178
8	3457	2957	2457	1957	1857	1757	1657	1457	1357	1257	1157	1057	957	857
9	3083	2583	2083	1583	1483	1383	1283	1083	983	883	783	683	583	483
10	2886	2386	1886	1386	1286	1186	1086	886	786	686	586	486	386	286
11	2782	2282	1782	1282	1182	1082	982	782	682	582	482	382	282	182
12	2326	1826	1326	826	726	626	526	326	226	126				
13	1844	1344	844	344	244	144	44							
Well Head Pressure =>	**3000**	**2500**	**2000**	**1500**	**1400**	**1300**	**1200**	**1000**	**900**	**800**	**700**	**600**	**500**	**400**

^^^

MAIP set by EP Energy Engineering as per Present Permit and new BHP Bomb data aquired.

MABHP = 2392	**** MAXIMUM ALLOWABLE BOTTOM HOLE PRESSURE AT (4050') SET BY PRESENT UDOGM PERMIT ****
2032 - 2104 psi	**= Present BHP Operating conditions (Positive Displacement Pumps @ ~ 3.2 BPM)**
	Corresponds to Safe Operating Conditions as measured at the Surface to Insure a Bottom Hole Pressure less than the MABHP
	Corresponds to Min Pump Rate Allowed for given Injection Pressure at Well Head in order to Maintain MABHP...!!!

EP ENERGY

UIC- 423.1

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT. 84114-5801

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

ATTN: Mr. Brad Hill

April 10, 2014

REF: "Request for Administrative Approval"
Application for Class II Injection Well
EP Energy E&P Company, L.P.
Belcher 2-33B4 (SWD Conversion)
430-13-30907

Dear Mr. Hill;

Please accept this letter as formal request for Agency Action thru "Administrative Approval" in the matter of the "Application for Class II Injection Well" and the conversion of the EP Energy - Belcher 2-33B4 (API-430-13-30907) to a SWD injection well. Enclosed please find UIC Form 9 with its associated Exhibits required by Utah Administrative Code: Rule R649-5-2. While all of the required data that can be delivered is enclosed, some of the data will need to be forwarded to your office upon completion of the rig work which is required to gather same. A Sundry Form 9 for permission to obtain said additional data has been included with this application.

To confirm recent discussions with your office, the Belcher 2-33B4 was completed with (2) two strings of casing within the zone we wish to permit for injection (7" production & 5" scab liner). In addition, the resulting 7" X 5"annulus has been filled with cement through the zone of interest. Furthermore, the numerous cement squeezes near the top of the Requested Permitted Interval in the past (See Well History) should provide a good seal between the 7" and the formation. We propose running an additional Cement Bond log for reference only. However, determining whether there is good bond between the formation and the 7" production casing by CBL alone may be questionable having two strings of casing present. It is for that reason that we have included in our procedure the application of (2) two Radioactive Tracers Surveys (RATS). A successful RATS at the top of the Permitted Injection Zone insures a good cement bond and eliminates the possibility of the transmission of injected waters to the Fresh water zones above. Likewise, a successful RATS at the bottom of the Permitted Injection Zone insures no transmission of injected waters to the productive zones below. In addition to this added precaution, we have attempted to write the procedure in such way that maximizes our future injection potential while preventing the common drilling problems associated with deep salt water flows when drilling new wells in the immediate vicinity of injection wells.

EP Energy
1001 Louisiana Street Houston, Texas 77002
PO Box 4660 Houston, Texas 77210-4660
tel 713.997.1000

We are requesting a Permitted Injection Zone from 4142' down to a depth of 6095' (similar to offset SWD wells) to maximize future injection potential. We will limit the injection capabilities within the lower portion of that requested permitted interval by limiting the perforations in its lower most portions until after drilling in the area is completed. This will ensure future injection capacity while at the same time limit the additional drilling cost associated with the deeper salt water flows when drilling new wells in the immediate area. Please contact me if you have any questions or need clarification of our intent. Your attention to this matter is deeply appreciated.

Sincerely,

Maria Gomez
Principal Regulatory Analyst

Belcher 2-33B4 SWD Conversion
Geologic Recommendation

EP Energy proposes to convert the Belcher 2-33B4 well to a salt water disposal (SWD) well. The well first produced in 1984 and has cumulative production of 151 MBO and 545 MMCF from the Wasatch, Lower Green River, and Middle Green River Formations. Existing perforations span 6797' to 12127'. The well was originally shut-in 1986, was returned to production in 1988, shut-in a second time in 1989, returned to production in 1990, and shut-in a third time in 1992. The well was again shut-in 1992 and brought back on line 1997 and has produced Wasatch until 2008 Lower Green River recompletion. The well is located in the central part of the greater Altamont-Bluebell-Cedar Rim field (Section 33, T2S, R4W), just north of the Cedar Rim area.

A structure map for the top of the lower Green River Formation (TGR3 marker) shows that strata dips north (4° azimuth) at about 3.2°. Surface geology consists of Quaternary (Holocene and Pleistocene) alluvium, colluviums, pediment, and glacial deposits underlain by the Dry Gulch (Tdd) and Brennan Basin (Tdb) Members of the Duchesne River Formation, as well as undivided divisions of the Duchesne River Formation.

The location is approximately 7.5 miles north-north-east of the town of Duchesne. According to the closest offset data from the 2012 Utah Geological Survey Moderately Saline Groundwater Study the elevation of BMSGW is ~3350' (sea-level datum) which equates to a measured depth of ~2900' (kb datum = 6199').

Proposed injection perforations for the Belcher 2-33B4 SWD conversion span a 1953' gross interval in the basal portion of the Uinta and throughout the Upper Green River Formations from 4142' to 6095' and include 129 net feet of perforations. The injection interval is chosen to limit injection into prospective Upper and Middle Green River oil and gas zones and to keep injection far below the base of moderately saline ground water. Considering the deepest (3350') estimate for the BMSGW, the injection zone will be at least 1242' below the BMSGW. The proposed injection interval targets sand-rich intervals throughout the Upper Green River Formation with the lowest perforation ~750' above the Middle Green River Formation marker. Twenty-five, 2-12 ft thick intervals are targeted for injection. Similar intervals are used for disposal in the 1-36B5 and 3-30B4 SWD wells.

The basal aquitard is regional shale from 6683'-6782' at the base of the Upper Green River, just above the Middle Green River stratigraphic marker. A series of Upper Green River shale-rich intervals provide seals between the injection zones and an upper ~200' seal of stacked shale-siltstone will protect upper overlying groundwater system.

It is critical to have a regional understanding of SWD perforations and injection histories in order to predict water flows and decrease downtime during drilling operations throughout Altamont field. A cross section through 6 offset SWD wells near the proposed Belcher 2-33B4 SWD conversion show a broad spectrum of previous injection horizons.

Belcher 2-33B4 SWD – Step-Rate Test Data

Procedure

A step-rate test was pumped on 9/4/14 according to the following schedule in Table 1. The injection test was pumped down 2-7/8" 6.5# N-80 tubing with a packer set at 4050' with top injection perforation at 4142' and a bridge plug & top of cement set at 6270'. The casing annulus and packer were successfully tested to 1000 psi. The injection test was monitored and recorded with a computer van setup and data was recorded at 1.0 second intervals.

Fracture Pressure Determination

Table 1 shows the measured surface injection pressure and the calculated values leading to a calculated bottom-hole pressure for each injection rate. The hydrostatic pressure values are based on the injection fluid having a specific gravity of 1.0726 using a top perforation at packer depth of 4050'. The friction values were calculated using a Halliburton graph of fracture pressure vs. flow rate through tubular conductors for 2-7/8" tubing and a fluid viscosity of 1 cp. This graph is shown as Figure 1.

Table 1: Bottom-Hole Pressure calculation table.

BELCHER 2-33B4 SWD SRT DATA 9/18/2014 **DSB**

**TOP PERFORATION (or Packer Depth)	4050	(ft) *See Calculations Below
SRT FLUID GRADIENT	0.462	(psi/ft) *(1.0726g/cm3) From Swab Reports
STATIC FLUID LEVEL	100	(ft) *From Swab Reports

** NOTE: Calculations base on Top Perforation

RECORDED DATA		CALCULATED DATA			Static BHP 1825	
Pump Rate (bpm)	**Recorded Surface Press. (psi)**	Hydrostatic Pressure	2 7/8" Pipe Friction Loss (psi/100')	Total Friction Loss (psi)	**Bottom Hole Pressure BHP (psi)**	Differential Pressure Across Formation
0	8	1871	0	0	1879	54
0.5	30	1871	0.2	8	1893	68
1	63	1871	0.6	24	1910	85
2	148	1871	2.4	97	1922	97
3	299	1871	4.8	194	1976	151
4	505	1871	8	324	2052	227
5	739	1871	12	486	2124	299
6	1006	1871	18	729	2148	323
7	1322	1871	24	972	2221	396
8	1692	1871	31	1256	2308	483
9	1992	1871	38	1539	2324	499
9.3	2100	1871	39	1580	2392	567

** NOTE: Estimated fracture gradient for the Altamont field area is approximately .75 psi/ft which equates to a Bottom Hole Fracture pressure at packer depth (4050') of 3037 psi. The Belcher 2-33B4 Step Rate Test only reached 80% of this value at packer depth (4050') with a calculated BHP of 2392 psi . This is evident from the data plots which reveal no fracture deviations in the curves.

* NOTE: Friction loss data from "Halliburton Friction Pressure vs. Flow Rate for Tubular Conductors"

A graph of the measured surface pressure at the end of each injection rate step time period and the associated pump rate and/or calculated bottom-hole pressure demonstrated an initial slope that does not flatten after the rate is increased to 9.3 bpm at an associated surface pressure of 2100 psi and a calculated bottom-hole pressure of 2392 psi at packer depth of 4050 ft. This indicates that Fracture Pressure was not reached during this test. This is also in agreement with the fact that the SRT pressures only reached 80% of the average Bottom Hole Fracture Pressure of 3037 psi in this area of Altamont Field as calculated by the average Fracture Pressure Gradient of .75 psi/ft. This should suggest a Maximum Allowable Injection Pressure (MAIP) of 2100 psi.

However, due to the large frictional pressure losses associated with the present wellbore configuration (2 7/8" tubing) and the high pump rates achieved without fracture in this wellbore completion, if given a high initial Maximum Allowable Injection Pressure (Well Head Injection Pres.), with time formation damage could occur which would force a decrease in injection rates to maintain the MAIP (Well Head Injection Pres.). This decrease in injection rates for a given MAIP (Well Head Injection Pres.) could result in the Bottom Hole pressure rising above the safe threshold reached during the SRT. This is demonstrated in Table 2 below.

Table 2: Bottom-Hole Pressure calculation table for present wellbore configuration and conditions.

*** SAFE OPERATING CONDITIONS ***

CALCULATED BOTTOM HOLE PRESSURES FOR A GIVEN PUMP RATE AND WELL HEAD INJECTION PRESSURE

Pump Rate (bpm)	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP	BHP
0	3971	3871	3771	3671	3571	3471	3371	3271	3171	3071	2871	2771	2671	2571	2471	2371	2271
0.5	3963	3863	3763	3663	3563	3463	3363	3263	3163	3063	2863	2763	2663	2563	2463	2363	2263
1	3947	3847	3747	3647	3547	3447	3347	3247	3147	3047	2847	2747	2647	2547	2447	2347	2247
2	3874	3774	3674	3574	3474	3374	3274	3174	3074	2974	2774	2674	2574	2474	2374	2274	2174
3	3777	3677	3577	3477	3377	3277	3177	3077	2977	2877	2677	2577	2477	2377	2277	2177	2077
4	3647	3547	3447	3347	3247	3147	3047	2947	2847	2747	2547	2447	2347	2247	2147	2047	1947
5	3485	3385	3285	3185	3085	2985	2885	2785	2685	2585	2385	2285	2185	2085	1985	1885	1785
6	3242	3142	3042	2942	2842	2742	2642	2542	2442	2342	2142	2042	1942	1842	1742	1642	1542
7	2999	2899	2799	2699	2599	2499	2399	2299	2199	2099	1899	1799	1699	1599	1499	1399	1299
8	2716	2616	2516	2416	2316	2216	2116	2016	1916	1816	1616	1516	1416	1316	1216	1116	1016
9	2432	2332	2232	2132	2032	1932	1832	1732	1632	1532	1332	1232	1132	1032	932	832	732
9.3	2392	2292	2192	2092	1992	1892	1792	1692	1592	1492	1292	1192	1092	992	892	792	692
Well Head Injection Pres.	2100	2000	1900	1800	1700	1600	1500	1400	1300	1200	1000	900	800	700	600	500	400

In conversation with UDOGM representatives, a Maximum Allowable Bottom Hole Pressure (MABHP) of 2392 psi at packer depth of 4050' was suggested with a means of assuring the maintenance of this assign MABHP being discussed.

E P Energy request a Maximum Allowable Bottom Hole Pressure (MABHP) of 2392 psi at packer depth of 4050' and proposes to maintain this Allowable by daily monitoring of the surface injection parameters to ensure that they remain within the "***SAFE OPERATING CONDITIONS ***" as shown in Table 2 above. If and when the wellbore configuration materially change (new tubing, formation pressures....), EP Energy shall notify UDOGM and a new Table of "***SAFE OPERATING CONDITIONS ***" shall be calculated and maintained.

Therefore, *a maximum allowable bottom-hole pressure (MABHP) at 4050' is requested to be set at 2392 psi*.

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 17, 2014

EP Energy E&P Co., L.P.
C/O Maria Gomez
1001 Louisiana
Houston, Texas 77002

Subject: EP Energy Well: Belcher 2-33B4, Section 33, Township 2 South, Range 4 West, Duchesne County, Utah, API Well # 43-013-30907

Dear Ms. Gomez:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by EP Energy E&P Co., L.P.

3. A cement bond log, a radioactive tracer survey, an injection zone connate water test, a step-rate test, and a mechanical integrity test shall all be conducted prior to final approval for commencing injection.

4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Ammon McDonald at 801-538-5337 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/AM/js
cc: Bruce Suchomel, Environmental Protection Agency
Duchesne County
Well File
N:\O&G Permits\Injection Permits\EP Energy

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 10 day of June, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of June, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby
Publisher

Subscribed and sworn to before me on this
10 day of June, 2014
by Kevin Ashby.

Bonnie Parrish
Notary Public

Notary Public
BONNIE PARRISH
Commission #653427
My Commission Expires
February 23, 2016
State of Utah

NOTICE OF AGENCY ACTION CAUSE NO. UIC – 423.1

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF EP ENERGY E&P COMPANY L.P. FOR ADMINISTRATIVE APPROVAL OF THE BELCHER 2-33B4 WELL LOCATED IN SECTION 33, TOWNSHIP 2S, RANGE 4W, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of EP Energy E&P Company L.P. 1001 Louisiana Street, Houston, TX 77002, telephone 713-997-5038, for administrative approval of the Belcher 2-33B4 well, located in SW/4 NW/4, Section 33, Township 2S, Range 4W, Uinta Baseline & Meridian, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selected zones in the Upper Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by EP Energy.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 28th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

Published in the Uintah Basin Standard June 10, 2014.

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune MEDIAONE Deseret News

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ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000963483 /
SCHEDULE	
Start 06/07/2014 End 06/07/2014	
CUST. REF. NO.	
20140528	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU	
SIZE	
52 Lines 2.00 COLUMN	
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
	TOTAL COST
	179.72

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC - 423.1

IN THE MATTER OF THE APPLICATION OF EP ENERGY E&P COMPANY L.P. FOR ADMINISTRATIVE APPROVAL OF THE BELCHER 2-3384 WELL LOCATED IN SECTION 33, TOWNSHIP 25, RANGE 4W, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of EP Energy E&P Company L.P. 1001 Louisiana Street, Houston, TX 77002, telephone 713-997-5038, for administrative approval of the Belcher 2-3384 well, located in SW/4 NW/4, Section 33, Township 25, Range 4W, Utah Baseline & Meridian, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selected zones in the Upper Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by EP Energy.

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Dated this 28th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

963483 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC - 423.1 IN THE MATTER OF THE APP** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 06/07/2014 End 06/07/2014

SIGNATURE

DATE 6/9/2014

VIRGINIA CRAFT
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My Comm. Exp. 01/12/2018
Commission # 672963

Virginia Craft
NOTARY SIGNATURE

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
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ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000963483 /
SCHEDULE	
Start 06/07/2014 End 06/07/2014	
CUST. REF. NO.	
20140528	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU	
SIZE	
52 Lines 2.00 COLUMN	
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
	TOTAL COST
	179.72

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC - 423.1

IN THE MATTER OF THE APPLICATION OF EP ENERGY E&P COMPANY L.P. FOR ADMINISTRATIVE APPROVAL OF THE BELCHER 2-33B4 WELL LOCATED IN SECTION 33, TOWNSHIP 2S, RANGE 4W, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of EP Energy E&P Company L.P. 1001 Louisiana Street, Houston, TX 77002, telephone 713-997-5038, for administrative approval of the Belcher 2-33B4 well, located in SW/4 NW/4, Section 33, Township 2S, Range 4W, Uinta Baseline & Meridian, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selected zones in the Upper Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by EP Energy.

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Dated this 28th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

963483 UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC - 423.1 IN THE MATTER OF THE APP** FOR **DIV OF OIL-GAS & MINING,** WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

PUBLISHED ON Start 06/07/2014 End 06/07/2014

SIGNATURE

DATE 6/9/2014

VIRGINIA CRAFT
NOTARY PUBLIC - STATE OF UTAH
My Comm. Exp. 01/12/2018
Commission # 672963

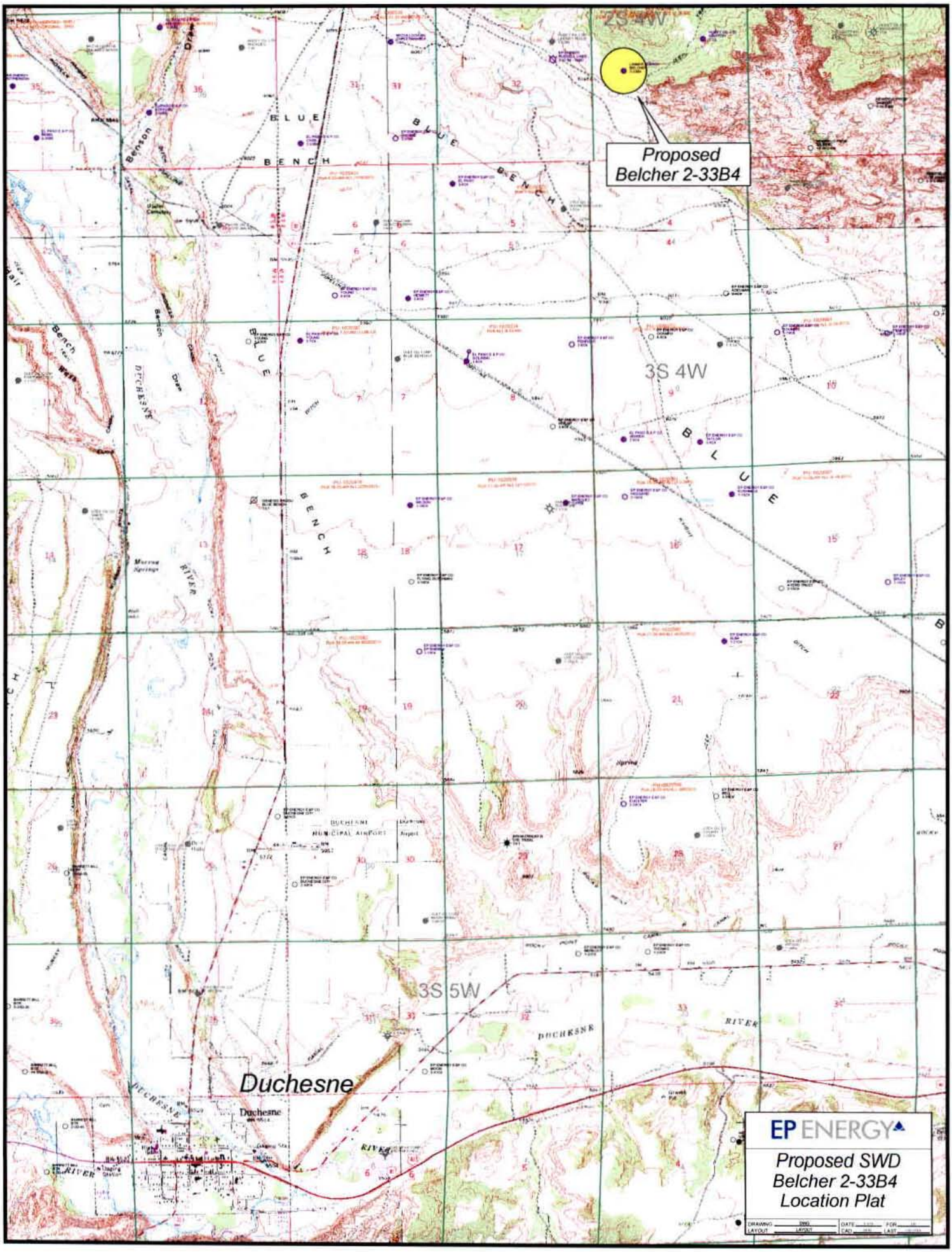
Virginia Craft
NOTARY SIGNATURE

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

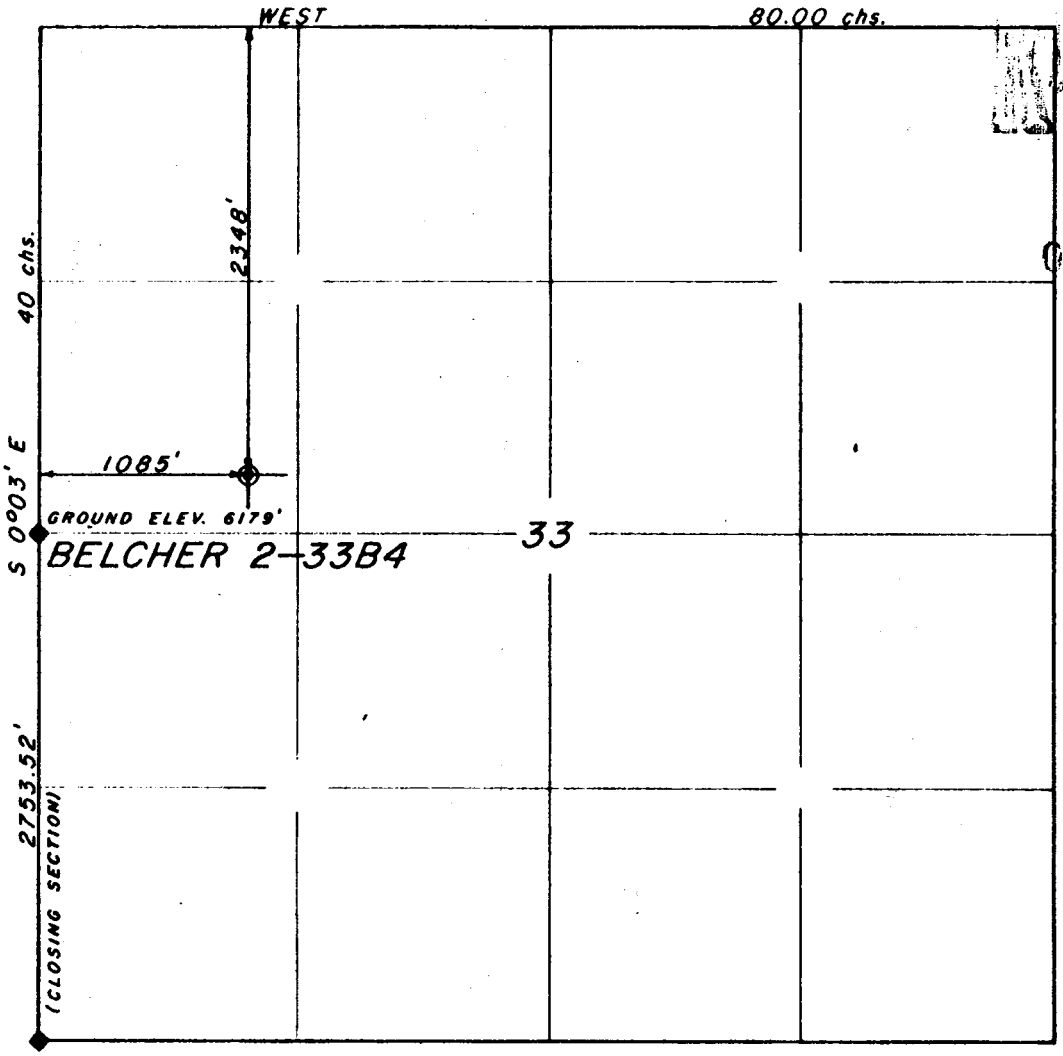
2.1
LOCATION PLATS
&
OWNER LIST

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING


Proposed
Belcher 2-33B4
2S 4W
3S 4W
3S 5W
BLUE BENCH
Duchesne
DUCHESNE RIVER
EP ENERGY
Proposed SWD
Belcher 2-33B4
Location Plat

LINMAR ENERGY CORP.
WELL LOCATION PLAT
BELCHER 2-33B4

LOCATED IN THE SW¼ OF THE NW¼ OF SECTION 33, T2S, R4W, U.S.B.&M.



RECEIVED
JAN 27 1984
DIVISION OF
OIL, GAS & MINING

NORTH

SCALE: 1"=1000'

LEGEND & NOTES

◆ CORNERS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED FOR REFERENCE AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

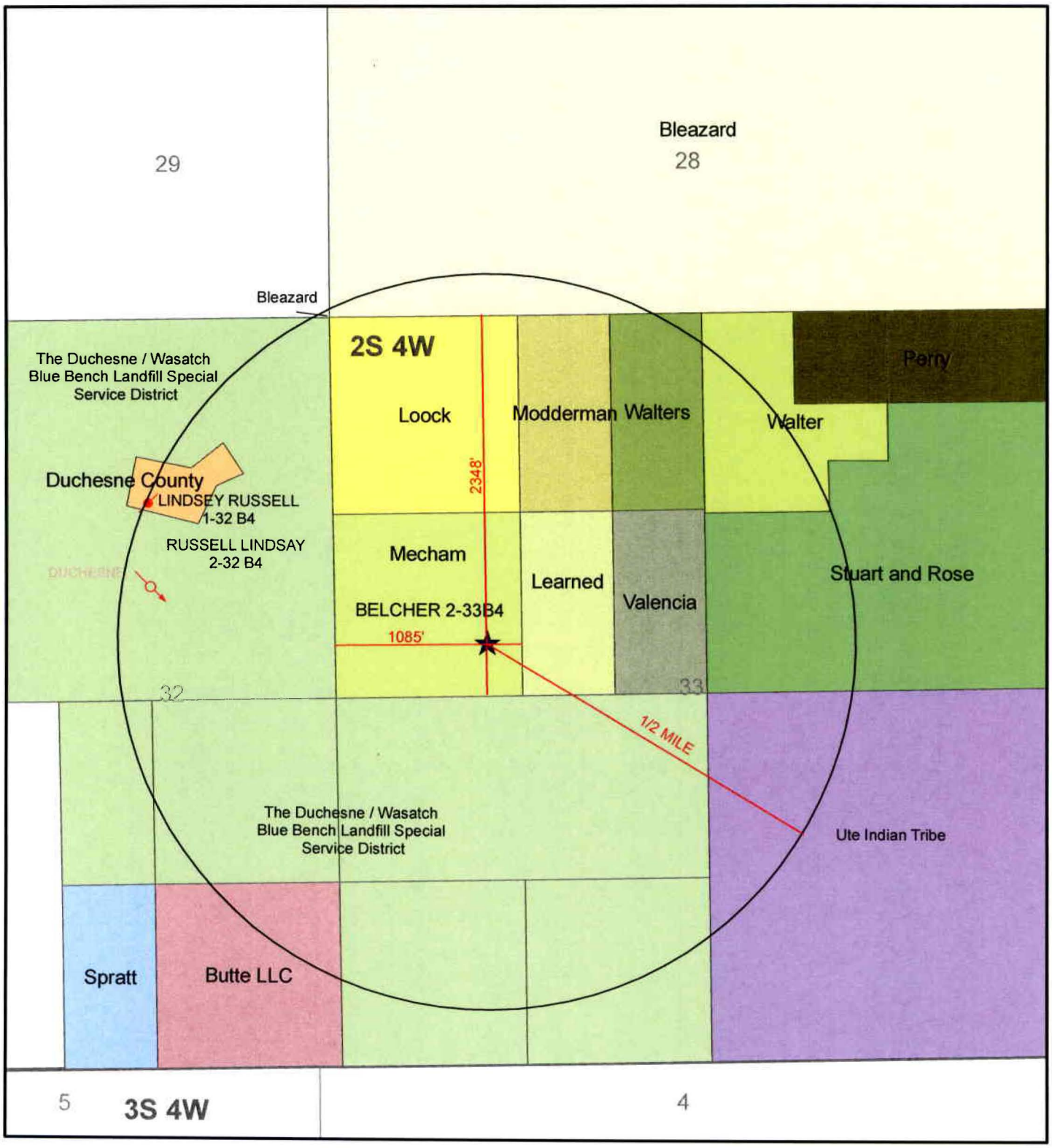
Jerry D. Allred

Jerry D. Allred, Registered Land Surveyor Cert. No. 3817 (Utah)

JERRY D. ALLRED & ASSOCIATES
Surveying & Engineering Consultants
121 North Center Street
P.O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

82-121-027 18 Jan. '84

Half Mile Radius Map Surface Ownership



Wells

OIL

SERVCE

Proposed SWD

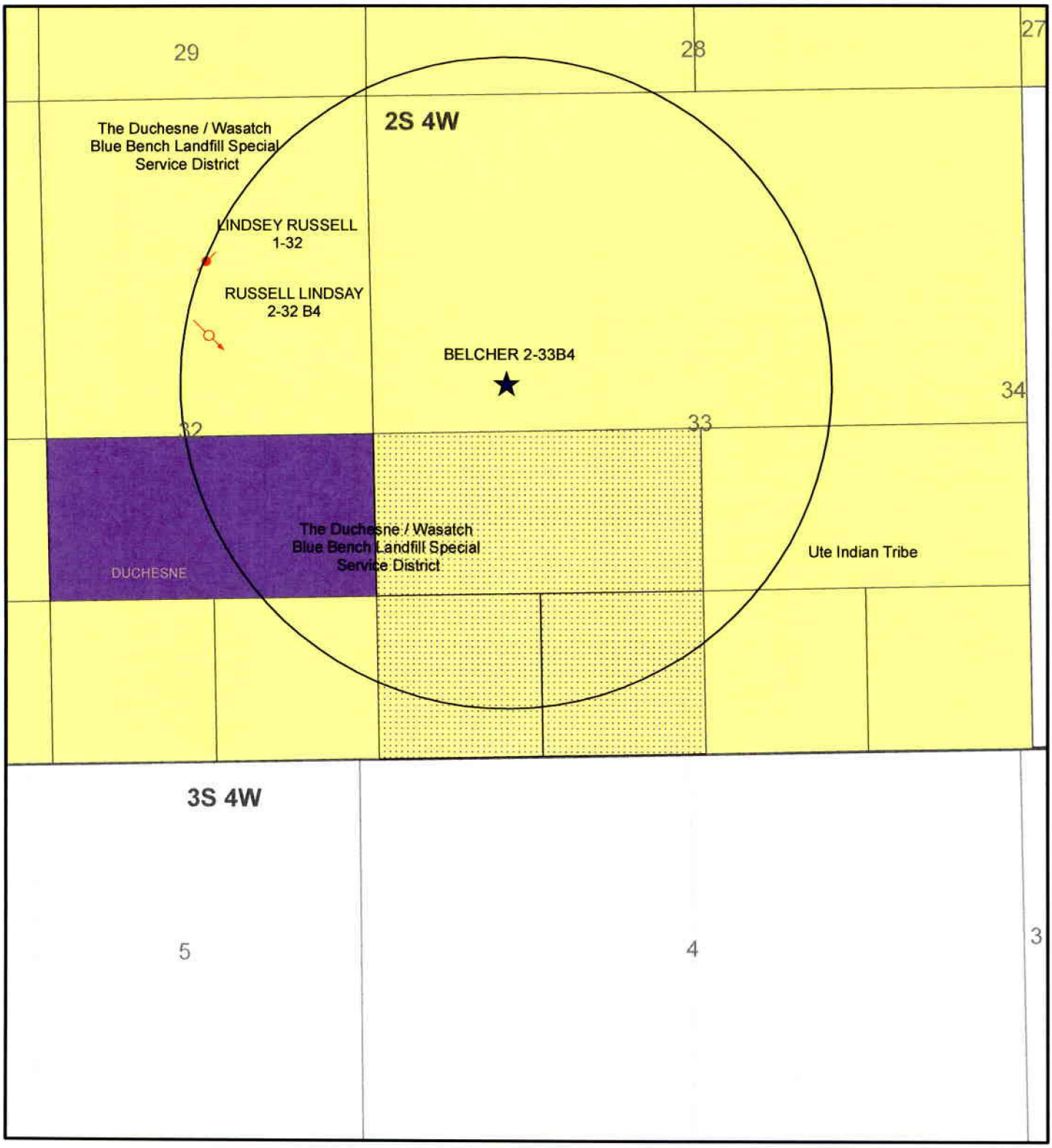
★ Belcher 2-33 B4

EP ENERGY

Half Mile Radius Map
Surface Ownership

LAYOUT SWD_Surface.mxd | DATE 2/04/2014 FOR J. Lynch | GIS J. Thorp LAST 01-27-14

Half Mile Radius Map Mineral Ownership



Legend

EPE Leasehold

- EPE Leased 100%
- Indian Tribal
- Unleased Tribal

Wells

- OIL
- SERVCE

EP ENERGY

Half Mile Radius Map
Mineral Ownership

LAYOUT: SWD.mxd

DATE 2/03/2014 FOR J. Lynch
GIS J. Thorp LAST 01-27-14

BELCHER 2-33B4 SWD
1/2 Mile Radius Operator / Owner List

The Duchesne / Wasatch Blue Bench Landfill
Special Service District

Lily R. Stuart and Melissa A. Rose, JT
1628 S. 620 E.
San Francisco, California 94122

Fay L. Perry, Trustee of the Perry Family Trust,
dated the 27th day of November

Keith Arthur Walter
79 N. 1020 W.
American Fork, Utah 84003-9709

Ricardo Valencia
912 N. 2500 W.
Vernal, Utah 84078-8215

Richard A. Learned and Lenna Learned, JT

2082 Pinecrest Lane
Sandy, Utah 84092-5527

Keith A. Walters
79 N. 1020 W.
American Fork, Utah 84003-9709

Mark Allen Modderman
8760 W. 3150 S.
Magna, Utah 84044

Darlene Loock
423 1/2 Poplar Street
Lodi, California 95240-5919

Kenneth D. Mecham
3788 Tail Trail CT
Magna, Utah 84044-2358

Lois Bleazard, Trustee of the Lois Bleazard Trust, a
revocable living trust, dated 4/25/2006
PO Box 510033
Mountain Home, Utah 84051-0033

Duchesne County
P.O. Box 270
Duchesne, Utah 84021

Hal C. Spratt, as Trustee of the Hal C. Spratt Family
Trust dated April 29, 2009
12916 S. 1300 E.
Draper, Utah 84020-9150

Butte LLC
1552 35th Avenue
San Francisco, California 94122

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.0

UIC FORM 1

Application For Class II Injection Well

Required Data and Information Attached

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL

Name of Operator EP ENERGY E&P COMPANY, L.P.	Utah Account Number N 3850	Well Name and Number BELCHER 2-33B4
Address of Operator 1001 LOUISIANA CITY HOUSTON STATE TX ZIP 77002	Phone Number (713) 997-5038	API Number 4301330907
Location of Well Footage : 2348' FNL & 1085' FWL County : DUCHESNE QQ, Section, Township, Range: SWNW 33 T2S R4W State : UTAH		Field or Unit Name ALTAMONT Lease Designation and Number

Is this application for expansion of an existing project?	Yes ☐	No ☑
Will the proposed well be used for: Enhanced Recovery?	Yes ☐	No ☑
Disposal?	Yes ☑	No ☐
Storage?	Yes ☐	No ☑
Is this application for a new well to be drilled?	Yes ☐	No ☑
If this application is for an existing well, has a casing test been performed? Date of test: 11/5/2012	Yes ☑	No ☐

Proposed injection interval: from 4,142 to 6,095

Proposed maximum injection: rate 10,000 bpd pressure 1,000 psig

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

List of attachments: 1/2 MILE RADIUS PLATS, OWNER LIST, WELL REVIEWS & WORK PROG, GEOLOGY REVIEW, EXHIBITS, UTAH DIVISION OF WATER RIGHTS MAP, INJECTION WATER SAMPLES, FORM 9

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) MARIA S GOMEZ Title PRINCIPAL REGULATORY ANALYST

Signature Maria S. Gomez Date 4/11/2014

(5/2002)

INSTRUCTIONS

This form shall be submitted by the well operator prior to the commencement of operations for injecting any fluid into a well for the purpose of enhanced recovery, disposal, or storage within the state of Utah, in accordance to the Utah Oil and Gas Conservation General Rules. Approvals or orders authorizing injection wells shall be valid for the life of the well, unless revoked by the board for just cause, after notice and hearing.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

EP ENERGY

BELCHER 2-33B4

API - 430-13-30907

APPLICATION FOR CLASS II INJECTION WELL IN THE STATE OF UTAH

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

EXHIBITS SUBMITTED WITH UDOGM - UIC FORM 1
As Per: UTAH ADMISISTRATIVE CODE: Rule R649-5-2

R649-5-2-

2.0 UIC Form 1 - Application Form. (Letter Requesting "Administrative Approval")

2.1 Location Plat - ½ Mile Radius with all Owners, Wells, Leases & Operators. (Attached)

2.2 Copies of Formation Evaluation Logs. (Already on file with UDOM) (Reference: Attached)

2.3 Copies of Cement Bond Logs. (Already on file with UDOGM)& (Submitted After Rig Work)

2.4 List of Logs already on file with UDOGM. (Attached)

2.5 Description of casing program with Wellbore Diagrams & Work Prognosis. (Attached)

2.6 Statement of the type, source and estimated amounts of fluid to be injected daily. (Attached)

2.7 Standard Lab Analyses of Injected waters (Attached) & Formation waters with compatibilities. (Submitted After Rig Work)

2.8 Average & Maximum Injection Pressures. (Determined after Rig Work & based on Step Rate Test)

2.9 Evidence to support the inability of injected fluids to initiate fractures. (Submitted After Rig Work & based on Step Rate Test)

2.10 Geological data on the Injection Interval with CONFINING BEDS and BMSW – (UDOGM 2012 Water Study) clearly labeled. (Attached)

NOTE: UDOGM Geological instruction as per previous permit applications in well files is as follows:

" Geologic data should include correlated (identified named formations and relevant correlative zones) strike and dip cross sections with 2 or 3 wells on either side of the subject well on both cross sections and hung on a relevant geological marker. It should include a structure contour map on a relevant geological marker (Confining Beds) above the top of the propose injection interval. The cross section logs should include gamma tracks and be composed with porosity or resistivity logs (The emphasis is on correlation, documentation of lithology and confining layer thicknesses, geophysical properties and legibility)."

EP ENERGY

NOTE: UDOGM Geological instruction as per "UDOGM Guidance Document" is as follows:

Applications shall include "Appropriate geological and hydrological data on the zone of injection and the confining beds, both above and below the injection zone. Include geologic name, lithology description, thickness, depth, and lateral extent also information on geologic structure that may affect the conveyance and/or storage of injected fluids. Provide information as to location and depth of any known fresh water aquifers. Provide information on the base of moderately saline water (water of quality that is less than 10,000 mg/1 TDS). Include any available water quality data. Reference technical publications that describe water quality in the area of the proposed injection well where available."

(Include a 1-2 page write up explaining/clarifying same with emphasis on confining the injected fluids and the protection of Fresh Water & Economic Hydrocarbon Bearing zones)

2.10.1 Description of Underground Sources of Drinking Water. (Utah Division of Water Rights/Wells Map)(Attached)

2.10.2 Lithological descriptions, thickness, depths, water quality and lateral extent of Possible Sources of Drinking Water. (Referenced: UDOGM – 2012 Water Study 144)

2.10.3 Information relative to the Geologic structure near the proposed well. (Noted: No faults, unconformities, etc... on Geologic cross sections required in 2.10 above)

2.11 Mechanical review of all wells within ½ Mile Radius of the Propose Injection well. (1/2 Mile Radius Plat & Well Data)(Attached)

2.12 Affidavit certifying that a copy of the UIC Application has been provided to all interested parties within a ½ mile radius of the Proposed Injection well. (Attached)

2.13 SUNDRY FORM 9 - Covers work to be performed on well: Additional Cement Bond Logs, Radioactive Tracer Surveys, MIT and Collection of Water Samples. (Attached)

Publish Dates
SL Trib 6/7/14
UBstandard 6/10/14

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC – 423.1

IN THE MATTER OF THE APPLICATION OF EP ENERGY E&P COMPANY L.P. FOR ADMINISTRATIVE APPROVAL OF THE BELCHER 2-33B4 WELL LOCATED IN SECTION 33, TOWNSHIP 2S, RANGE 4W, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of EP Energy E&P Company L.P. 1001 Louisiana Street, Houston, TX 77002, telephone 713-997-5038, for administrative approval of the Belcher 2-33B4 well, located in SW/4 NW/4, Section 33, Township 2S, Range 4W, Uinta Baseline & Meridian, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selected zones in the Upper Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by EP Energy.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 28th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

Brad Hill
Permitting Manager

EP Energy
Blecher 2-33B4
Cause No. UIC – 423.1

Publication Notices were sent to the following:

Marie Gomez
EP Energy
1001 Louisiana Street
Houston, TX 77002

Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066
via e-mail ubslegals@ubmedia.biz

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Duchesne County Planning
P.O. Box 317
Duchesne UT 84021-0317

Bruce Suchomel
US EPA Region VIII
MS 8-P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Jean Sweet

Jean Sweet

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

June 5, 2014

Via e-mail: ubslegals@ubmedia.biz

Uintah Basin Standard
268 S 200 E
Roosevelt UT 84066

Subject: Notice of Agency Action – EP Energy Cause No. UIC – 423.1

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Jean Sweet
Executive Secretary

Enclosure

N:\O&G Permits\Injection Permits\EP Energy\Belcher 2-33B4

[redacted]

Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – EP Energy Cause No. UIC – 423.1

1 message

Cindy Kleinfelter <ckleinfelter@ubmedia.biz> Thu, Jun 5, 2014 at 1:14 PM
To: Jean Sweet <jsweet@utah.gov>

On 6/5/2014 11:28 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

Suite 1210

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

–
Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

It will be published June 10.
Cindy

GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

June 5, 2014

Via e-mail: naclegal@mediaoneutah.com

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – EP Energy Cause No. UIC – 423.1

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov .

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

Jean Sweet
Executive Secretary

Enclosure

N:\O&G Permits\Injection Permits\EP Energy\Belcher 2-33B4

The Salt Lake Tribune MEDIAone Deseret News

Remit to: P.O. Box 704005
West Valley City, UT 84170

Order Confirmation for Ad #0000963483-01

Client	DIV OF OIL-GAS & MINING	**Payor Customer**	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	**Payor Phone**	801-538-5340
Account#	9001402352	**Payor Account**	9001402352
Address	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	**Payor Address**	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154
Fax	801-359-3940	**Ordered By**	**Acct. Exec**
EMail	juliecarter@utah.gov	Jean	mfultz

Total Amount	**$179.72**			
Payment Amt	**$0.00**	**Tear Sheets**	**Proofs**	**Affidavits**
Amount Due	**$179.72**	0	0	1

Payment Method **PO Number** 20140528

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	2.0 X 52 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/7/2014	
Product	**Placement**	**Position**
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	6/7/2014	
Product	**Placement**	**Position**
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	6/7/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC - 423.1

IN THE MATTER OF THE APPLICATION OF EP ENERGY E&P COMPANY L.P. FOR ADMINISTRATIVE APPROVAL OF THE BELCHER 2-3384 WELL LOCATED IN SECTION 33, TOWNSHIP 2S, RANGE 4W, DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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Dated this 28th day of May, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

963483 UPAXLP

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.6-2.7
INJECTION WATERS

Shall be various waters produced through out the Altamont Field

(Samples Attached)

BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 9/3/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	BELCHER 2-33B4
District:	Western Divide	**Sample ID:**	201404004376
Sales Rep:	Robert P Riley	**Sample Date:**	9/2/2014
Lease:	ALTAMONT FIELD	**Log Out Date:**	9/3/2014
Site Type:		**Analyst:**	GvA
Sample Point Description:			

EP ENERGY, ALTAMONT FIELD, BELCHER 2-33B4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	976.0	16.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	1650.0
aqueous H_2S (ppm):	7.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	109607
Density/Specific Gravity (g/cm³):	1.0726
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	62500.0	1763.0
Sulfate (SO_4^{2-}):	491.3	10.2
Borate (H_3BO_3):	605.3	9.8
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	14.7	0.5
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formic Acid:	ND	
Acetic Acid:	ND	
Propionic Acid:	ND	
Butyric Acid:	ND	
Valeric Acid:	ND	

Cations:	mg/L	meq/L
Sodium (Na^+):	38300.0	1666.7
Potassium (K^+):	176.0	4.5
Magnesium (Mg^{2+}):	720.0	59.3
Calcium (Ca^{2+}):	5250.0	262.0
Strontium (Sr^{2+}):	330.0	7.5
Barium (Ba^{2+}):	3.6	0.1
Iron (Fe^{2+}):	208.0	7.4
Manganese (Mn^{2+}):	31.8	1.2
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.0	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	16470	N/A

Anion/Cation Ratio:	0.90

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	0.79	1.801	1.30	207.097	-0.62	0.000	-0.81	0.000
99°F	24 psi	0.66	1.680	1.35	211.334	-0.60	0.000	-0.71	0.000
118°F	34 psi	0.55	1.536	1.44	217.418	-0.59	0.000	-0.62	0.000
137°F	43 psi	0.44	1.373	1.53	223.528	-0.58	0.000	-0.52	0.000
156°F	53 psi	0.35	1.195	1.62	229.202	-0.56	0.000	-0.41	0.000
174°F	62 psi	0.28	1.008	1.72	234.342	-0.55	0.000	-0.30	0.000
193°F	72 psi	0.21	0.816	1.81	238.966	-0.54	0.000	-0.19	0.000
212°F	81 psi	0.15	0.623	1.92	243.557	-0.53	0.000	-0.08	0.000
231°F	91 psi	0.10	0.432	2.02	247.671	-0.52	0.000	0.04	20.123
250°F	100 psi	0.05	0.242	2.12	251.337	-0.51	0.000	0.15	70.289

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.12	0.000	-1.42	0.000	2.85	13.239	1.56	136.675
99°F	24 psi	-0.10	0.000	-1.44	0.000	2.78	13.234	1.68	139.549
118°F	34 psi	-0.09	0.000	-1.45	0.000	2.76	13.234	1.81	142.215
137°F	43 psi	-0.08	0.000	-1.46	0.000	2.77	13.235	1.93	144.242
156°F	53 psi	-0.06	0.000	-1.46	0.000	2.79	13.236	2.04	145.710
174°F	62 psi	-0.04	0.000	-1.46	0.000	2.82	13.238	2.14	146.761
193°F	72 psi	-0.02	0.000	-1.47	0.000	2.86	13.240	2.23	147.523
212°F	81 psi	0.01	2.782	-1.47	0.000	2.91	13.243	2.32	148.143
231°F	91 psi	0.04	12.674	-1.47	0.000	2.97	13.246	2.39	148.588
250°F	100 psi	0.08	23.070	-1.46	0.000	3.03	13.248	2.45	148.913

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

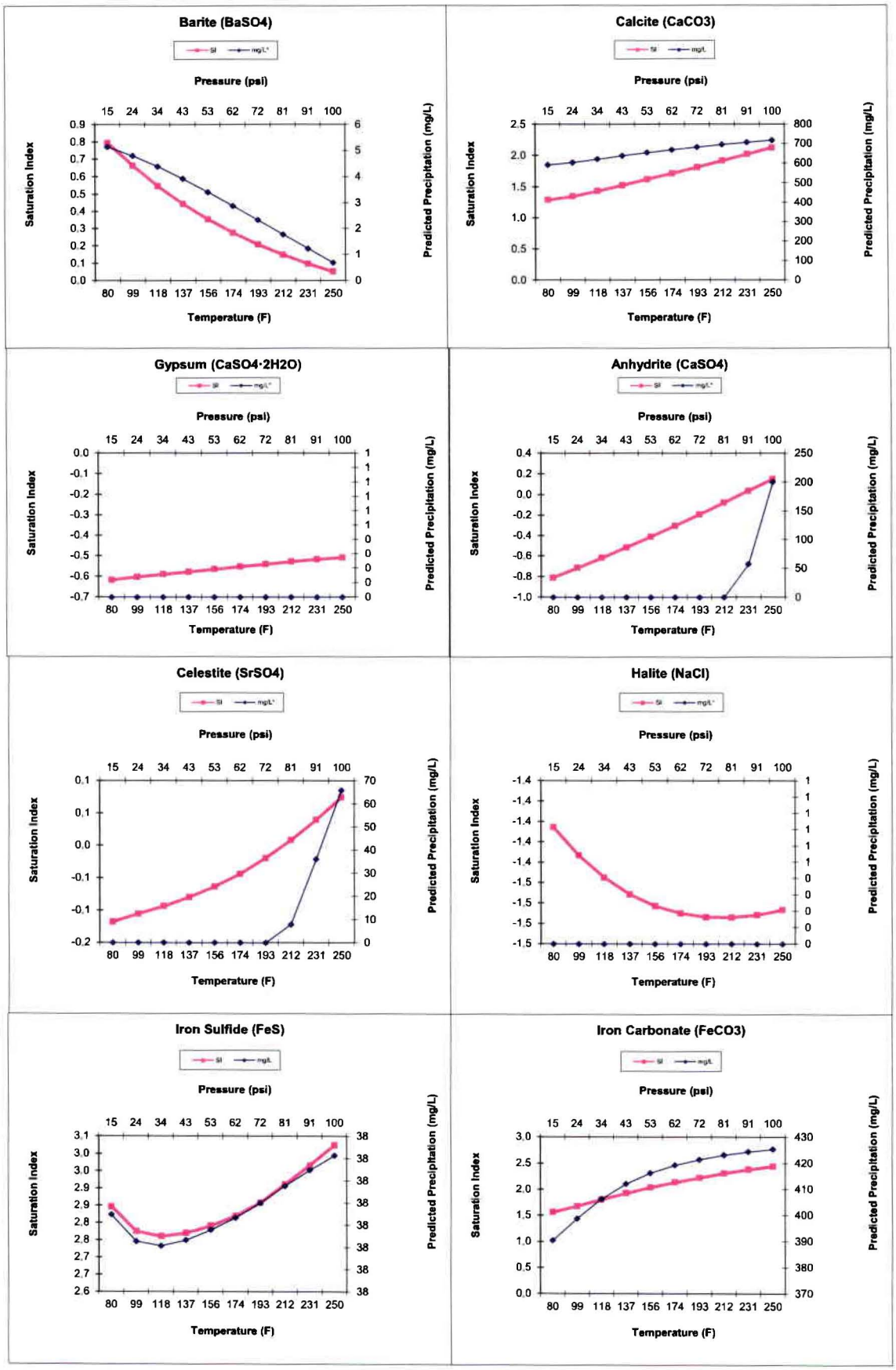
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations.

Calculate

ESI ScaleSoftPitzer™ SSP2010

Comments: 45 Runs 520 Barrels

Sample ID: 41884 EP ENERGY, ALTAMONT FIELD, BELCHER 2-33B4



BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	LINDSAY RUSSELL 2-32B4 SWD
District:	Western Divide	**Sample ID:**	201404001147
Sales Rep:	Robert P Riley	**Sample Date:**	2/28/2014
Lease:	ALTAMONT FIELD	**Log Out Date:**	3/4/2014
Site Type:		**Analyst:**	GvA
Sample Point Description:			

EP ENERGY, ALTAMONT FIELD , LINDSAY RUSSELL 2-32B4 SWD

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:

pH at time of sampling:	8.1

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	2220.0	36.4
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	14.0
aqueous H_2S (ppm):	110.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	8948
Density/Specific Gravity (g/cm^3):	1.0030
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	3780.0	106.6
Sulfate (SO_4^{2-}):	458.4	9.5
Borate (H_3BO_3):	111.3	1.8
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	11.4	0.4
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Anion/Cation Ratio:	1.50

Cations:	mg/L	meq/L
Sodium (Na^+):	2220.0	96.6
Potassium (K^+):	29.1	0.7
Magnesium (Mg^{2+}):	10.8	0.9
Calcium (Ca^{2+}):	94.4	4.7
Strontium (Sr^{2+}):	7.3	0.2
Barium (Ba^{2+}):	1.5	0.0
Iron (Fe^{2+}):	3.5	0.1
Manganese (Mn^{2+}):	0.4	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.0	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	290	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	1.55	0.879	1.62	77.710	-1.33	0.000	-1.58	0.000
99°F	24 psi	1.40	0.868	1.67	78.207	-1.33	0.000	-1.50	0.000
118°F	34 psi	1.27	0.855	1.75	78.929	-1.33	0.000	-1.41	0.000
137°F	43 psi	1.17	0.843	1.84	79.647	-1.31	0.000	-1.30	0.000
156°F	53 psi	1.09	0.830	1.94	80.283	-1.28	0.000	-1.18	0.000
174°F	62 psi	1.03	0.819	2.06	80.812	-1.25	0.000	-1.06	0.000
193°F	72 psi	0.99	0.811	2.17	81.237	-1.22	0.000	-0.92	0.000
212°F	81 psi	0.96	0.805	2.30	81.584	-1.18	0.000	-0.78	0.000
231°F	91 psi	0.95	0.802	2.44	81.846	-1.13	0.000	-0.63	0.000
250°F	100 psi	0.94	0.801	2.58	82.039	-1.09	0.000	-0.48	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.81	0.000	-3.81	0.000	4.58	1.906	2.10	2.492
99°F	24 psi	-0.81	0.000	-3.84	0.000	4.46	1.906	2.22	2.497
118°F	34 psi	-0.79	0.000	-3.85	0.000	4.39	1.906	2.35	2.501
137°F	43 psi	-0.76	0.000	-3.86	0.000	4.36	1.906	2.48	2.504
156°F	53 psi	-0.72	0.000	-3.86	0.000	4.36	1.906	2.62	2.506
174°F	62 psi	-0.67	0.000	-3.86	0.000	4.39	1.906	2.75	2.508
193°F	72 psi	-0.60	0.000	-3.85	0.000	4.43	1.906	2.88	2.509
212°F	81 psi	-0.53	0.000	-3.84	0.000	4.50	1.906	3.01	2.510
231°F	91 psi	-0.45	0.000	-3.83	0.000	4.58	1.906	3.13	2.510
250°F	100 psi	-0.35	0.000	-3.81	0.000	4.68	1.906	3.25	2.511

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

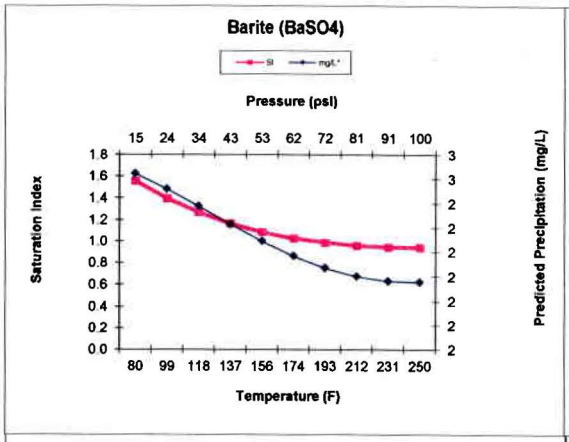
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; %CO_2 is not included in the calculations

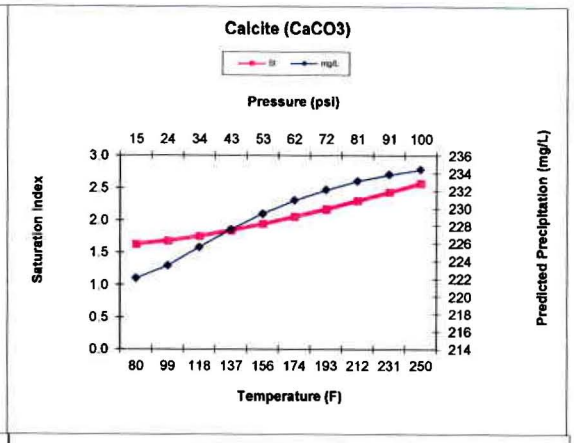
Calculate

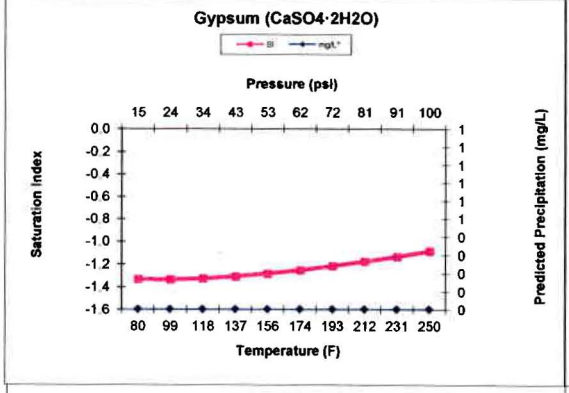
ScaleSoftPitzer™ SSP2010

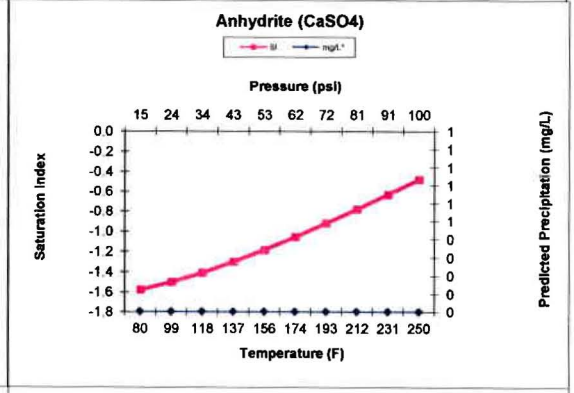
Comments: Anion to cation ratio exceeds normal range. This is likely due to low TDS of sample.

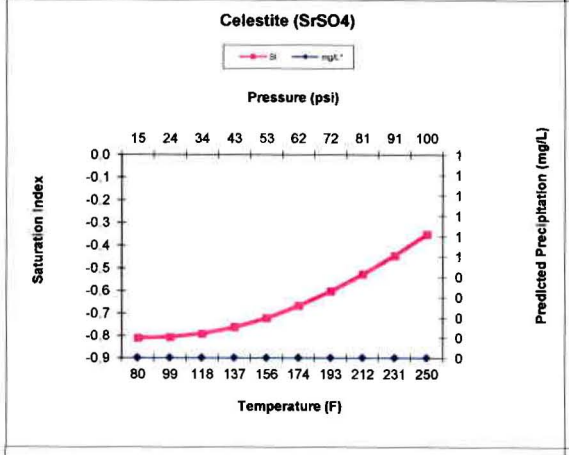
Sample ID: 41698 EP ENERGY, ALTAMONT FIELD , LINDSAY RUSSELL 2-32B4 SWD

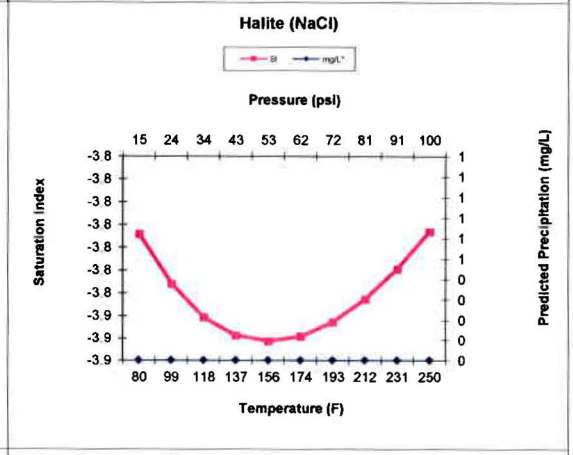


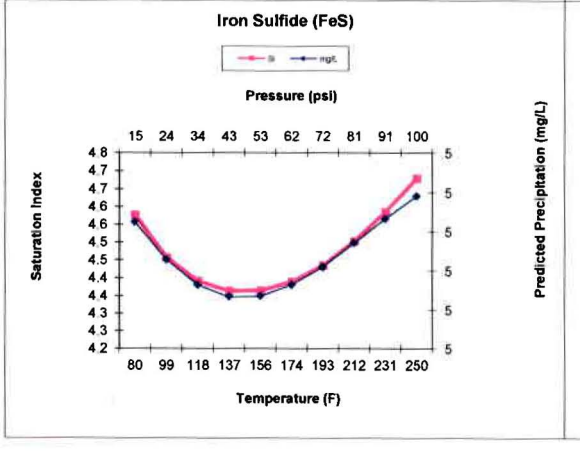


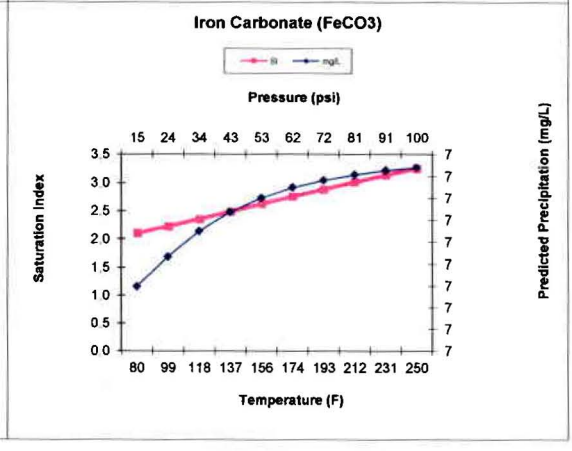












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	ALBA 1-21C4
District:	Western Divide	**Sample ID:**	201304005563
Sales Rep:	Robert P Riley	**Sample Date:**	12/2/2013
Lease:	ALTAMONT FIELD	**Log Out Date:**	12/17/2013
Site Type:	Not Provided	**Analyst:**	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , ALBA 1-21C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.8

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1708.0	28.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	320.0
aqueous H_2S (ppm):	3.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	7674
Density/Specific Gravity (g/cm³):	1.0026
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2620.0	73.9
Sulfate (SO_4^{2-}):	814.9	17.0
Borate (H_3BO_3):	96.5	1.6
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	2.5	0.1
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	
Anion/Cation Ratio:		1.14

Cations:	mg/L	meq/L
Sodium (Na^+):	2280.0	99.2
Potassium (K^+):	26.0	0.7
Magnesium (Mg^{2+}):	9.3	0.8
Calcium (Ca^{2+}):	67.5	3.4
Strontium (Sr^{2+}):	5.0	0.1
Barium (Ba^{2+}):	0.6	0.0
Iron (Fe^{2+}):	42.2	1.5
Manganese (Mn^{2+}):	0.8	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.2	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	213	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	1.44	0.371	0.10	10.051	-1.22	0.000	-1.47	0.000
99°F	24 psi	1.29	0.365	0.17	15.503	-1.22	0.000	-1.39	0.000
118°F	34 psi	1.16	0.358	0.27	23.190	-1.21	0.000	-1.30	0.000
137°F	43 psi	1.06	0.351	0.39	30.637	-1.20	0.000	-1.19	0.000
156°F	53 psi	0.98	0.344	0.52	37.116	-1.17	0.000	-1.07	0.000
174°F	62 psi	0.92	0.338	0.65	42.453	-1.14	0.000	-0.95	0.000
193°F	72 psi	0.87	0.333	0.80	46.888	-1.11	0.000	-0.81	0.000
212°F	81 psi	0.85	0.330	0.95	50.344	-1.07	0.000	-0.67	0.000
231°F	91 psi	0.83	0.328	1.11	52.887	-1.02	0.000	-0.52	0.000
250°F	100 psi	0.83	0.328	1.27	54.730	-0.98	0.000	-0.37	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.73	0.000	-3.96	0.000	2.50	5.140	1.80	30.092
99°F	24 psi	-0.72	0.000	-3.98	0.000	2.44	5.138	1.93	30.234
118°F	34 psi	-0.70	0.000	-3.99	0.000	2.46	5.139	2.09	30.357
137°F	43 psi	-0.68	0.000	-4.00	0.000	2.51	5.141	2.25	30.446
156°F	53 psi	-0.63	0.000	-4.00	0.000	2.58	5.145	2.42	30.507
174°F	62 psi	-0.58	0.000	-4.00	0.000	2.67	5.148	2.57	30.548
193°F	72 psi	-0.51	0.000	-4.00	0.000	2.78	5.151	2.73	30.577
212°F	81 psi	-0.44	0.000	-3.99	0.000	2.90	5.154	2.89	30.597
231°F	91 psi	-0.35	0.000	-3.97	0.000	3.03	5.156	3.04	30.610
250°F	100 psi	-0.26	0.000	-3.95	0.000	3.17	5.158	3.19	30.619

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

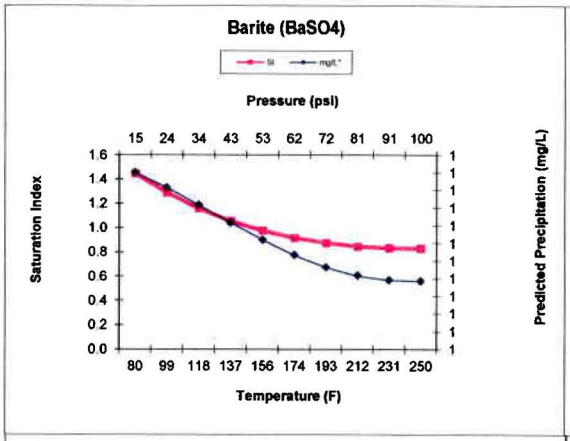
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

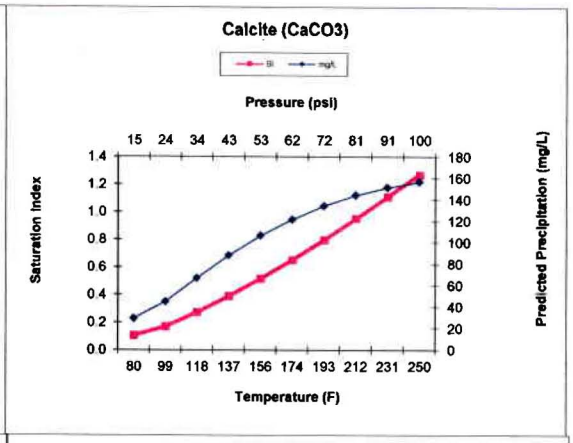
Calculate

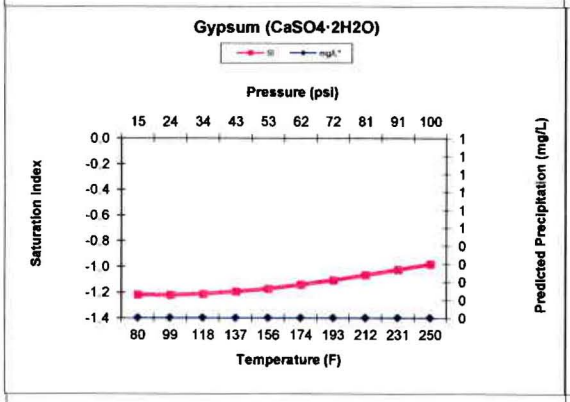
OLI ScaleSoftPitzer™ SSP2010

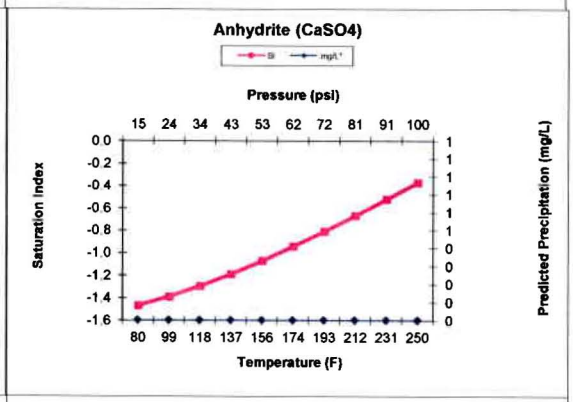
Comments: _____

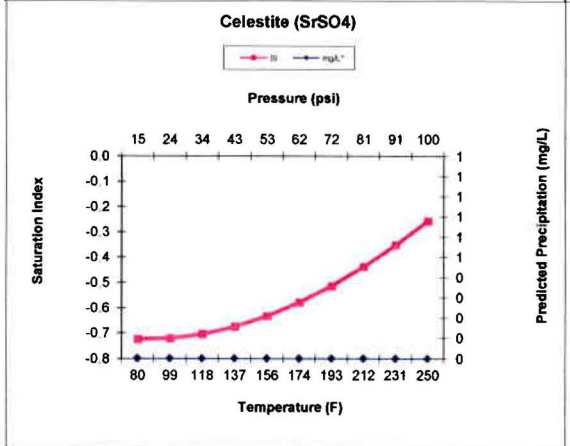
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , ALBA 1-21C4

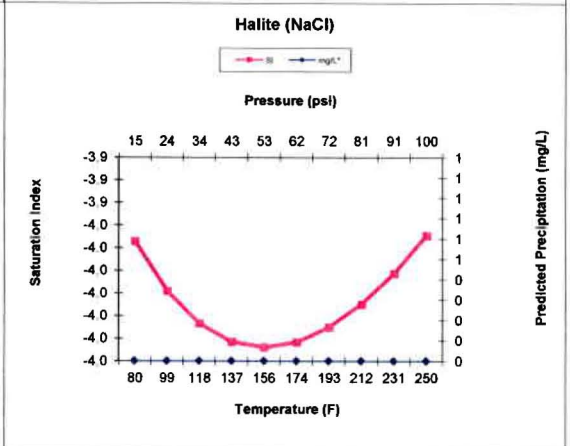


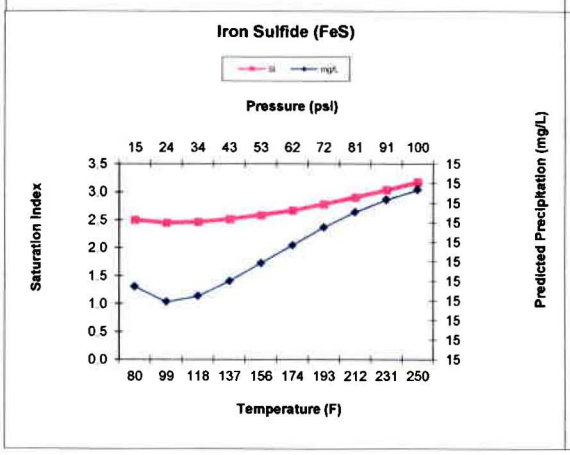


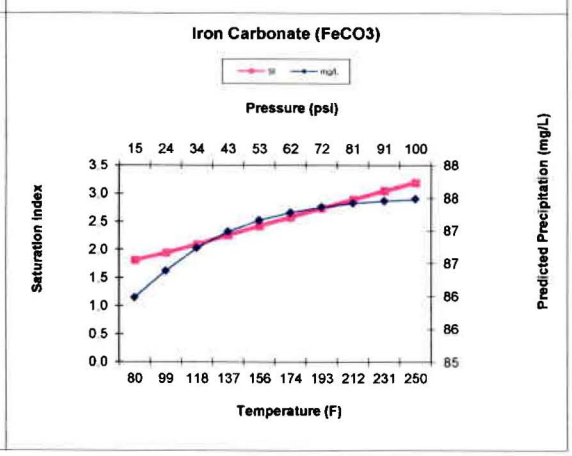












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	Sample Point Name	EL PASO 1-19C4
District:	Western Divide	Sample ID:	201304005579
Sales Rep:	Robert P Riley	Sample Date:	12/3/2013
Lease:	ALTAMONT FIELD	Log Out Date:	12/17/2013
Site Type:		Analyst:	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , EL PASO 1-19C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1220.0	20.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	150.0
aqueous H_2S (ppm):	7.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	10373
Density/Specific Gravity (g/cm^3):	1.0046
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	3500.0	98.7
Sulfate (SO_4^{2-}):	2097.2	43.7
Borate (H_3BO_3):	135.3	2.2
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	16.4	0.5
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Anion/Cation Ratio: 1.12

Cations:	mg/L	meq/L
Sodium (Na^+):	3110.0	135.3
Potassium (K^+):	53.2	1.4
Magnesium (Mg^{2+}):	16.9	1.4
Calcium (Ca^{2+}):	148.0	7.4
Strontium (Sr^{2+}):	9.1	0.2
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	61.4	2.2
Manganese (Mn^{2+}):	0.8	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	4.7	0.1
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	450	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.10	0.000	-0.64	0.000	-0.88	0.000
99°F	24 psi		0.000	-0.04	0.000	-0.64	0.000	-0.81	0.000
118°F	34 psi		0.000	0.06	9.611	-0.63	0.000	-0.71	0.000
137°F	43 psi		0.000	0.18	26.591	-0.61	0.000	-0.61	0.000
156°F	53 psi		0.000	0.30	42.848	-0.59	0.000	-0.49	0.000
174°F	62 psi		0.000	0.43	57.763	-0.56	0.000	-0.37	0.000
193°F	72 psi		0.000	0.58	72.046	-0.53	0.000	-0.24	0.000
212°F	81 psi		0.000	0.73	84.365	-0.50	0.000	-0.10	0.000
231°F	91 psi		0.000	0.88	94.661	-0.46	0.000	0.04	13.003
250°F	100 psi		0.000	1.03	103.081	-0.43	0.000	0.18	53.467

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.21	0.000	-3.73	0.000	2.40	13.680	1.35	42.043
99°F	24 psi	-0.21	0.000	-3.75	0.000	2.35	13.669	1.47	42.666
118°F	34 psi	-0.19	0.000	-3.76	0.000	2.38	13.676	1.63	43.230
137°F	43 psi	-0.16	0.000	-3.77	0.000	2.44	13.690	1.79	43.642
156°F	53 psi	-0.13	0.000	-3.78	0.000	2.52	13.706	1.94	43.926
174°F	62 psi	-0.07	0.000	-3.77	0.000	2.61	13.721	2.10	44.120
193°F	72 psi	-0.01	0.000	-3.77	0.000	2.73	13.736	2.25	44.261
212°F	81 psi	0.06	0.830	-3.76	0.000	2.86	13.748	2.41	44.357
231°F	91 psi	0.14	1.820	-3.75	0.000	2.99	13.758	2.55	44.421
250°F	100 psi	0.23	2.722	-3.73	0.000	3.13	13.765	2.69	44.466

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

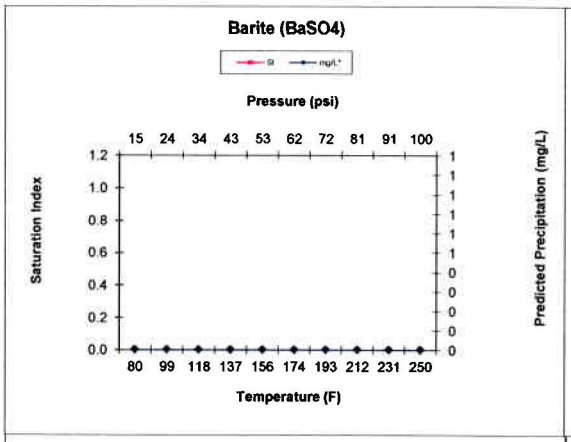
Note 3: Saturation Index predictions on this sheet use pH and alkalinity. $\%CO_2$ is not included in the calculations

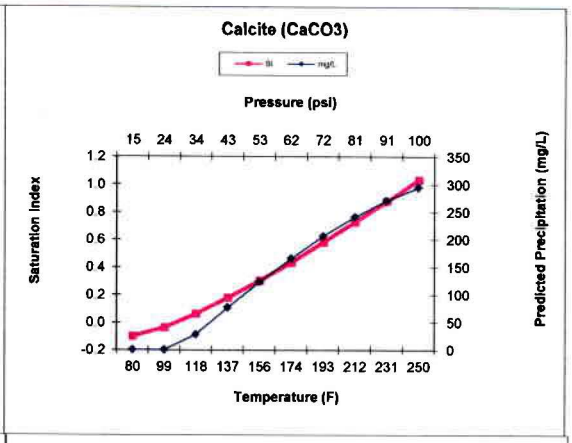
Calculate

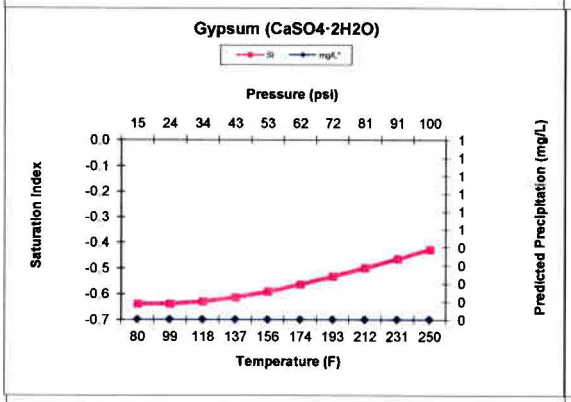
ScaleSoftPitzer™ SSP2010

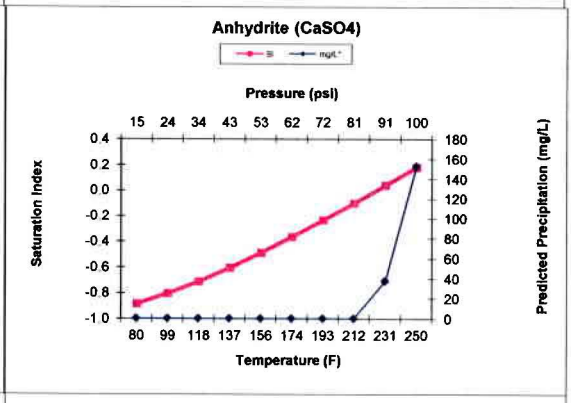
Comments: Ba<0.625ppm

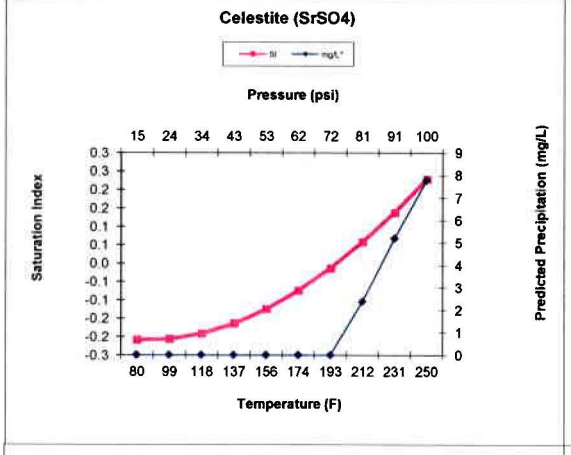
Sample ID: 41611 EP ENERGY, ALTAMONT FIELD , EL PASO 1-19C4

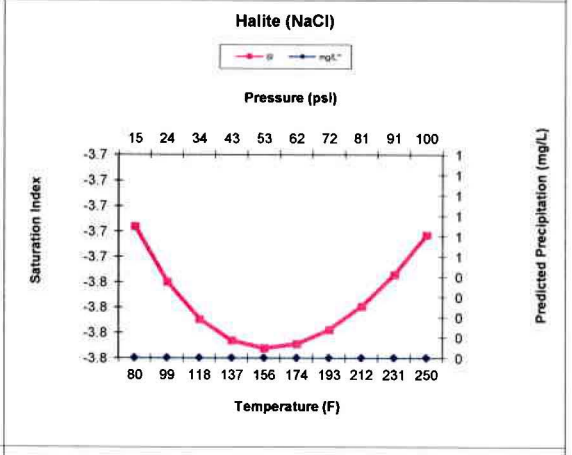


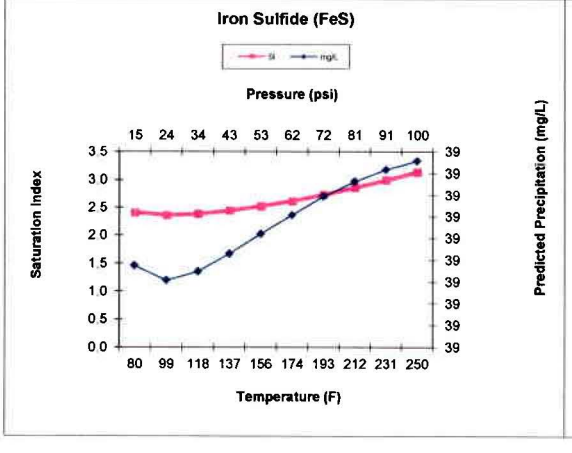


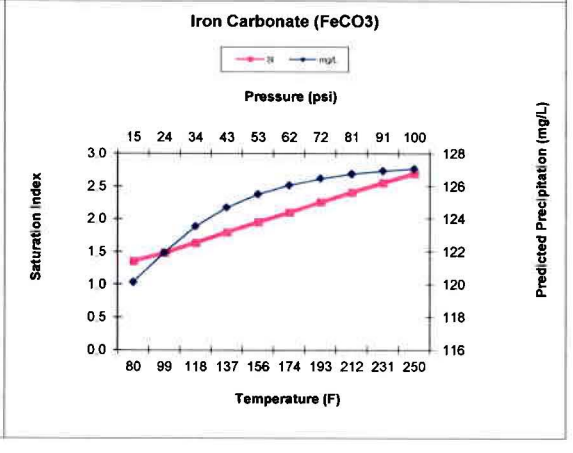












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	EL PASO 3-5C4
District:	Western Divide	**Sample ID:**	201304005566
Sales Rep:	Robert P Riley	**Sample Date:**	12/2/2013
Lease:	ALTAMONT FIELD	**Log Out Date:**	12/17/2013
Site Type:	Not Provided	**Analyst:**	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , EL PASO 3-5C4

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1708.0	28.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	130.0
aqueous H_2S (ppm):	4.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	7258
Density/Specific Gravity (g/cm³):	1.0023
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2500.0	70.5
Sulfate (SO_4^{2-}):	773.0	16.1
Borate (H_3BO_3):	69.7	1.1
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	0.0	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Anion/Cation Ratio:	1.20

Cations:	mg/L	meq/L
Sodium (Na^+):	2120.0	92.3
Potassium (K^+):	19.3	0.5
Magnesium (Mg^{2+}):	6.9	0.6
Calcium (Ca^{2+}):	53.1	2.6
Strontium (Sr^{2+}):	6.3	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	1.7	0.1
Manganese (Mn^{2+}):	0.2	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.0	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	169	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.29	0.000	-1.32	0.000	-1.57	0.000
99°F	24 psi		0.000	-0.23	0.000	-1.32	0.000	-1.49	0.000
118°F	34 psi		0.000	-0.13	0.000	-1.31	0.000	-1.40	0.000
137°F	43 psi		0.000	-0.02	0.000	-1.29	0.000	-1.29	0.000
156°F	53 psi		0.000	0.11	9.052	-1.27	0.000	-1.17	0.000
174°F	62 psi		0.000	0.26	18.298	-1.24	0.000	-1.04	0.000
193°F	72 psi		0.000	0.41	25.868	-1.20	0.000	-0.91	0.000
212°F	81 psi		0.000	0.56	31.628	-1.16	0.000	-0.77	0.000
231°F	91 psi		0.000	0.72	35.922	-1.12	0.000	-0.62	0.000
250°F	100 psi		0.000	0.88	39.064	-1.07	0.000	-0.47	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.61	0.000	-4.00	0.000	0.76	0.753	0.12	0.300
99°F	24 psi	-0.61	0.000	-4.03	0.000	0.71	0.731	0.24	0.527
118°F	34 psi	-0.59	0.000	-4.04	0.000	0.74	0.743	0.40	0.737
137°F	43 psi	-0.56	0.000	-4.05	0.000	0.80	0.768	0.56	0.890
156°F	53 psi	-0.52	0.000	-4.05	0.000	0.89	0.797	0.72	0.995
174°F	62 psi	-0.46	0.000	-4.05	0.000	1.00	0.827	0.89	1.068
193°F	72 psi	-0.40	0.000	-4.04	0.000	1.13	0.853	1.06	1.119
212°F	81 psi	-0.32	0.000	-4.03	0.000	1.26	0.874	1.21	1.152
231°F	91 psi	-0.24	0.000	-4.02	0.000	1.40	0.889	1.37	1.174
250°F	100 psi	-0.14	0.000	-4.00	0.000	1.55	0.901	1.51	1.189

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

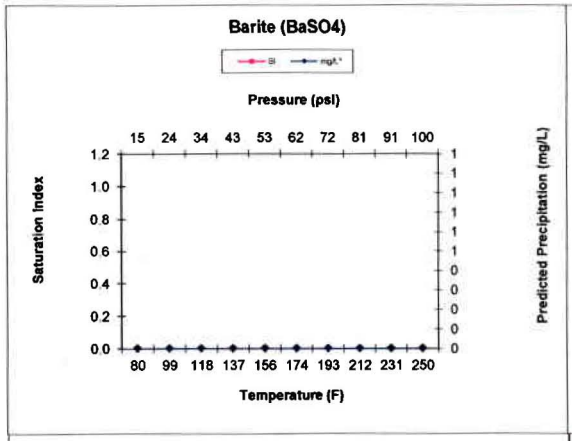
Note 3: Saturation Index predictions on this sheet use pH and alkalinity. $\%CO_2$ is not included in the calculations

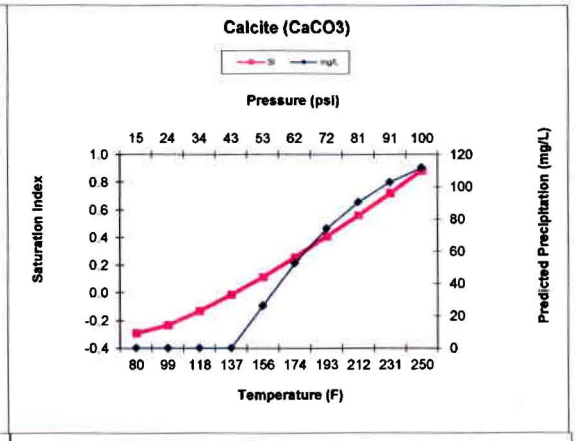
Calculate

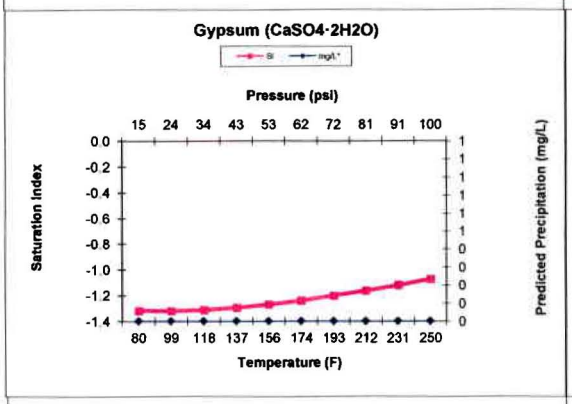
BHI ScaleSoftPitzer™ SSP2010

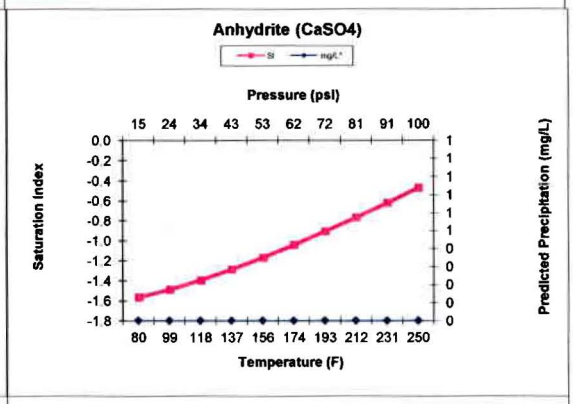
Comments: P<0.25, Ba<0.625ppm

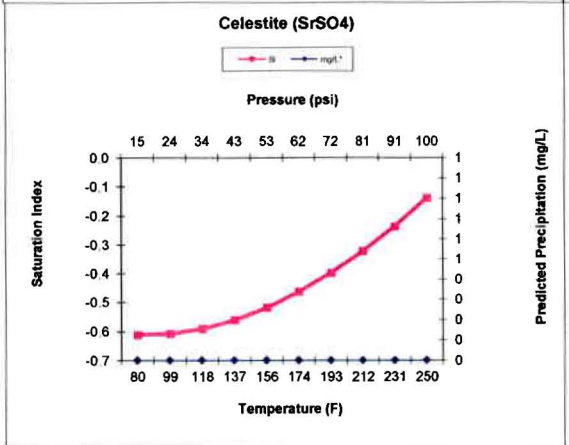
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , EL PASO 3-5C4

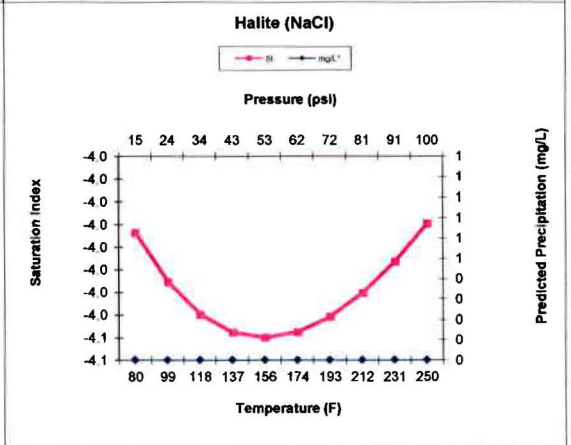


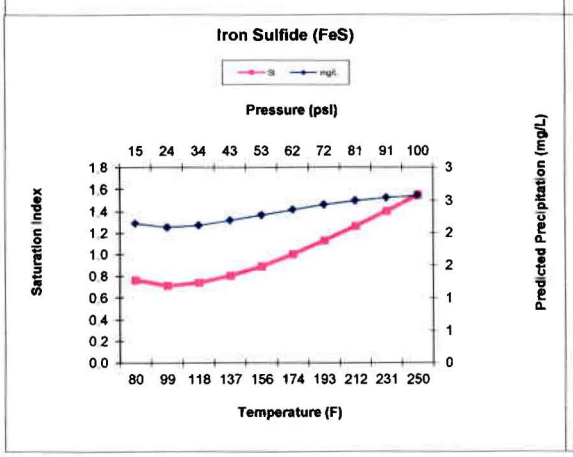


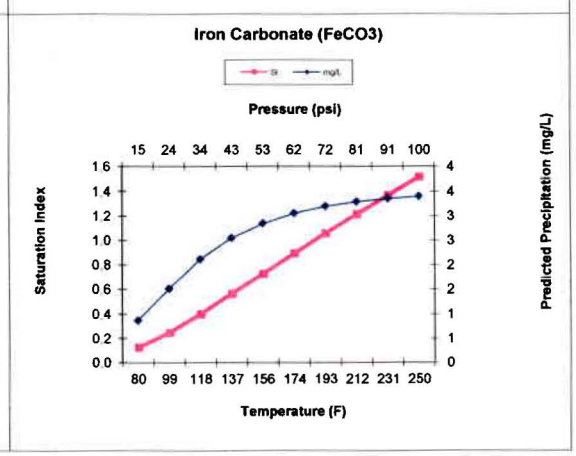












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	Sample Point Name	EPLEY 1-15C4
District:	Western Divide	Sample ID:	201304005575
Sales Rep:	Robert P Riley	Sample Date:	12/3/2013
Lease:	ALTAMONT FIELD	Log Out Date:	12/17/2013
Site Type:	Not Provided	Analyst:	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , EPLEY 1-15C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	8.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1708.0	28.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	0.0
aqueous H_2S (ppm):	3.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	7975
Density/Specific Gravity (g/cm^3):	1.0027
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Anions:	mg/L	meq/L
Chloride (Cl^-):	2650.0	74.8
Sulfate (SO_4^{2-}):	982.7	20.5
Borate (H_3BO_3):	81.1	1.3
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	4.4	0.1
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Cations:	mg/L	meq/L
Sodium (Na^+):	2430.0	105.7
Potassium (K^+):	26.8	0.7
Magnesium (Mg^{2+}):	7.3	0.6
Calcium (Ca^{2+}):	62.3	3.1
Strontium (Sr^{2+}):	5.2	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	15.7	0.6
Manganese (Mn^{2+}):	0.4	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	1.5	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	192	N/A

Anion/Cation Ratio:	1.12

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	1.69	51.480	-1.20	0.000	-1.45	0.000
99°F	24 psi		0.000	1.74	51.854	-1.21	0.000	-1.37	0.000
118°F	34 psi		0.000	1.81	52.306	-1.20	0.000	-1.28	0.000
137°F	43 psi		0.000	1.89	52.730	-1.18	0.000	-1.17	0.000
156°F	53 psi		0.000	1.98	53.098	-1.16	0.000	-1.06	0.000
174°F	62 psi		0.000	2.07	53.402	-1.13	0.000	-0.93	0.000
193°F	72 psi		0.000	2.17	53.648	-1.09	0.000	-0.80	0.000
212°F	81 psi		0.000	2.28	53.849	-1.05	0.000	-0.66	0.000
231°F	91 psi		0.000	2.39	54.005	-1.01	0.000	-0.51	0.000
250°F	100 psi		0.000	2.51	54.121	-0.97	0.000	-0.36	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.65	0.000	-3.93	0.000	3.98	2.806	2.96	11.385
99°F	24 psi	-0.64	0.000	-3.95	0.000	3.86	2.806	3.08	11.389
118°F	34 psi	-0.63	0.000	-3.97	0.000	3.78	2.806	3.20	11.392
137°F	43 psi	-0.60	0.000	-3.97	0.000	3.74	2.805	3.32	11.394
156°F	53 psi	-0.56	0.000	-3.98	0.000	3.72	2.805	3.45	11.395
174°F	62 psi	-0.50	0.000	-3.97	0.000	3.73	2.805	3.56	11.397
193°F	72 psi	-0.44	0.000	-3.97	0.000	3.76	2.806	3.68	11.397
212°F	81 psi	-0.36	0.000	-3.96	0.000	3.81	2.806	3.79	11.398
231°F	91 psi	-0.28	0.000	-3.94	0.000	3.87	2.806	3.89	11.398
250°F	100 psi	-0.19	0.000	-3.93	0.000	3.94	2.806	3.99	11.399

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2 Precipitation of each scale is considered separately Total scale will be less than the sum of the amounts of the eight (8) scales

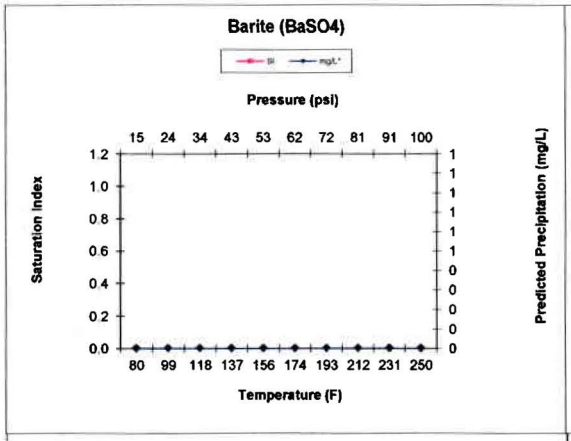
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

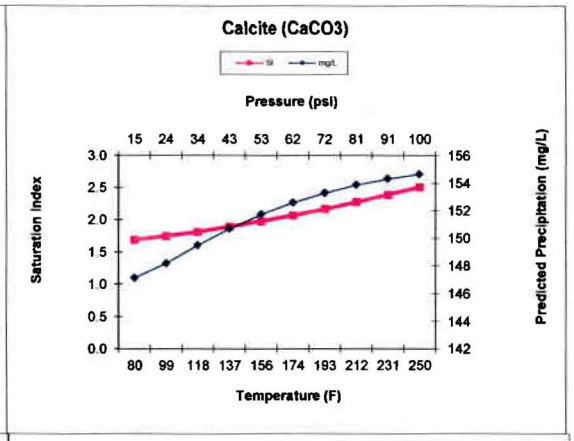
Calculate

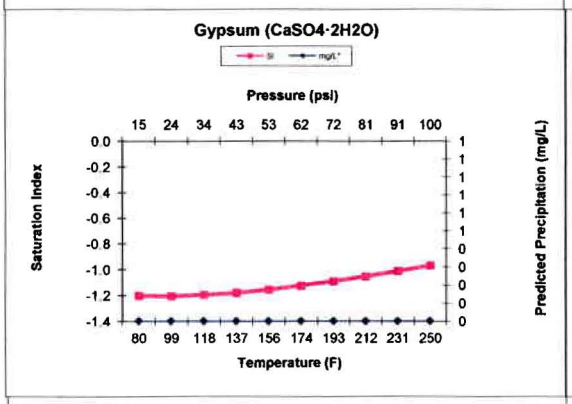
ScaleSoftPitzer™ SSP2010

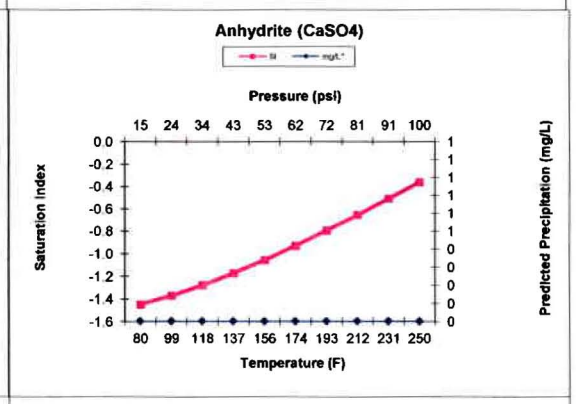
Comments: Ba<0.625ppm

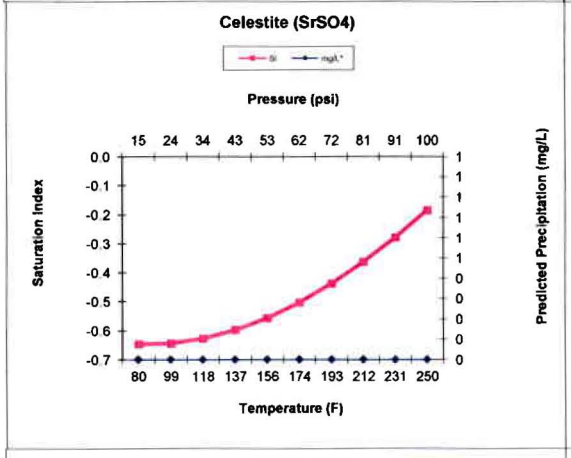
Sample ID: 41611 EP ENERGY, ALTAMONT FIELD , EPLEY 1-15C4

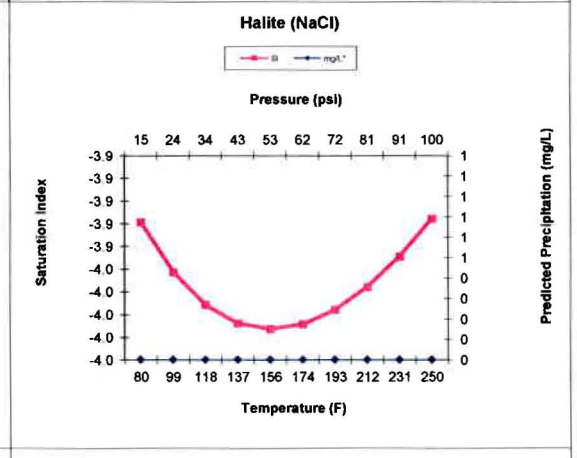


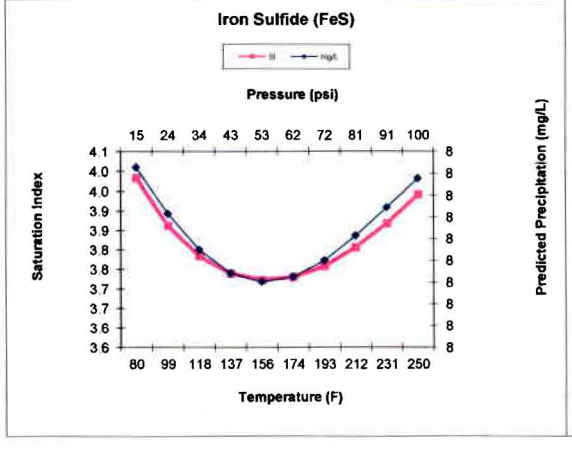


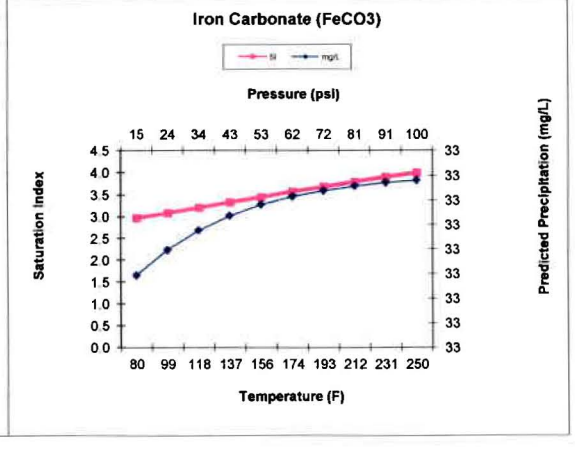












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	HAGGARD 2-16C4
District:	Western Divide	**Sample ID:**	201304005572
Sales Rep:	Robert P Riley	**Sample Date:**	12/2/2013
Lease:	ALTAMONT FIELD	**Log Out Date:**	12/17/2013
Site Type:		**Analyst:**	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , HAGGARD 2-16C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1464.0	24.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	300.0
aqueous H_2S (ppm):	3.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	7603
Density/Specific Gravity (g/cm³):	1.0026
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2620.0	73.9
Sulfate (SO_4^{2-}):	880.8	18.3
Borate (H_3BO_3):	86.2	1.4
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	0.0	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	
Anion/Cation Ratio:		1.06

Cations:	mg/L	meq/L
Sodium (Na^+):	2390.0	104.0
Potassium (K^+):	26.2	0.7
Magnesium (Mg^{2+}):	9.9	0.8
Calcium (Ca^{2+}):	81.3	4.1
Strontium (Sr^{2+}):	5.9	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	37.6	1.3
Manganese (Mn^{2+}):	0.8	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.3	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	251	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.20	0.000	-1.12	0.000	-1.37	0.000
99°F	24 psi		0.000	-0.14	0.000	-1.12	0.000	-1.29	0.000
118°F	34 psi		0.000	-0.04	0.000	-1.11	0.000	-1.20	0.000
137°F	43 psi		0.000	0.08	9.088	-1.10	0.000	-1.09	0.000
156°F	53 psi		0.000	0.21	21.547	-1.07	0.000	-0.97	0.000
174°F	62 psi		0.000	0.35	32.630	-1.04	0.000	-0.85	0.000
193°F	72 psi		0.000	0.50	42.340	-1.01	0.000	-0.71	0.000
212°F	81 psi		0.000	0.65	49.977	-0.97	0.000	-0.57	0.000
231°F	91 psi		0.000	0.81	55.841	-0.93	0.000	-0.42	0.000
250°F	100 psi		0.000	0.97	60.244	-0.88	0.000	-0.28	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.62	0.000	-3.94	0.000	1.93	5.851	1.35	25.921
99°F	24 psi	-0.62	0.000	-3.96	0.000	1.88	5.840	1.47	26.262
118°F	34 psi	-0.60	0.000	-3.97	0.000	1.91	5.847	1.63	26.574
137°F	43 psi	-0.57	0.000	-3.98	0.000	1.97	5.861	1.79	26.800
156°F	53 psi	-0.53	0.000	-3.98	0.000	2.06	5.878	1.95	26.955
174°F	62 psi	-0.48	0.000	-3.98	0.000	2.17	5.894	2.11	27.063
193°F	72 psi	-0.41	0.000	-3.98	0.000	2.29	5.909	2.28	27.138
212°F	81 psi	-0.34	0.000	-3.97	0.000	2.42	5.920	2.43	27.188
231°F	91 psi	-0.25	0.000	-3.95	0.000	2.56	5.929	2.59	27.221
250°F	100 psi	-0.16	0.000	-3.94	0.000	2.71	5.936	2.73	27.244

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

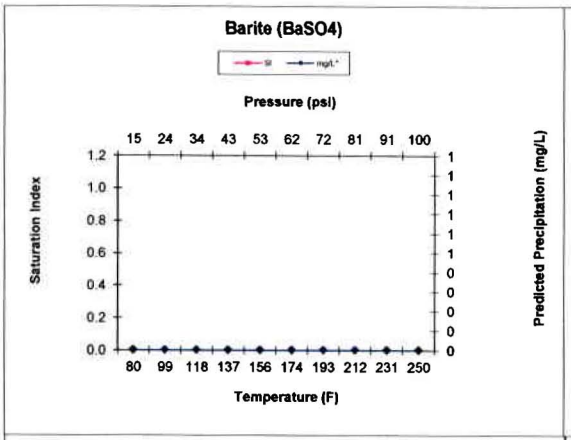
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

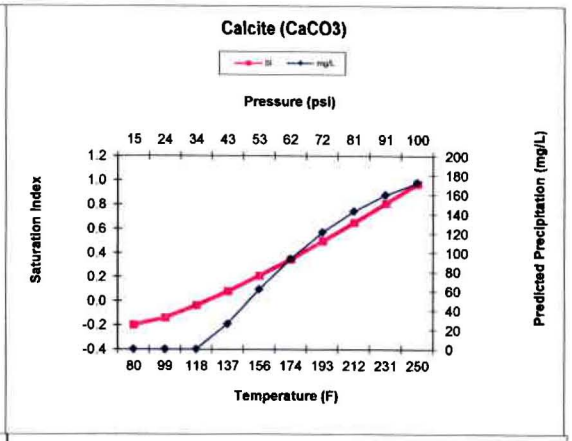
Calculate

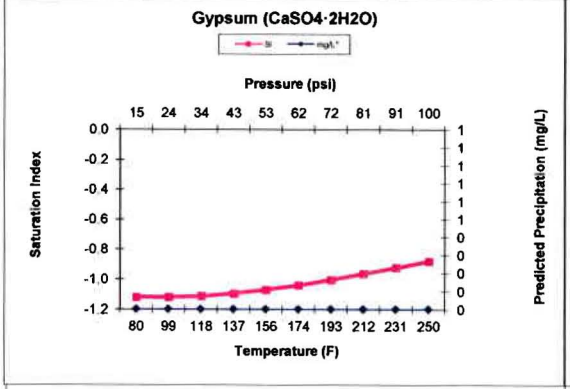
ScaleSoftPitzer™ SSP2010

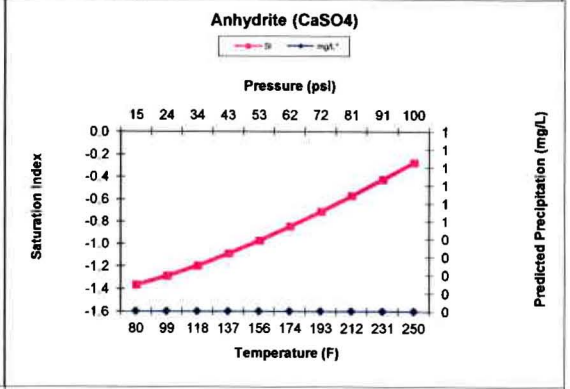
Comments: P<0.25, Ba<0.625ppm

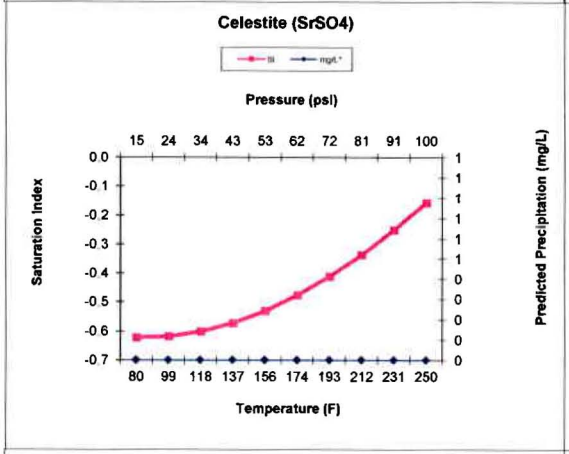
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , HAGGARD 2-16C4

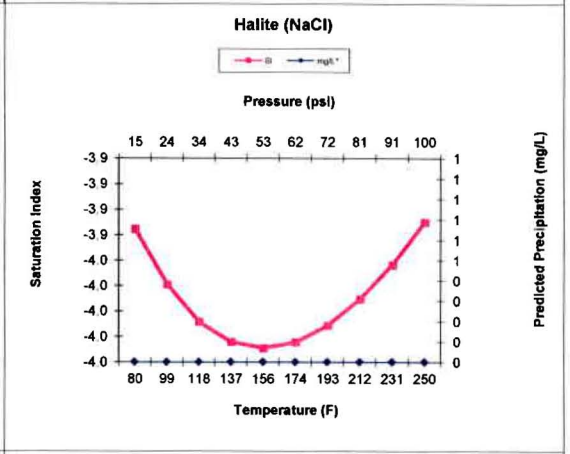


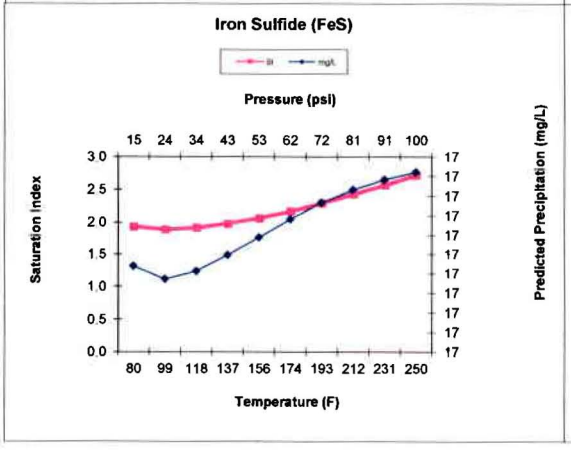


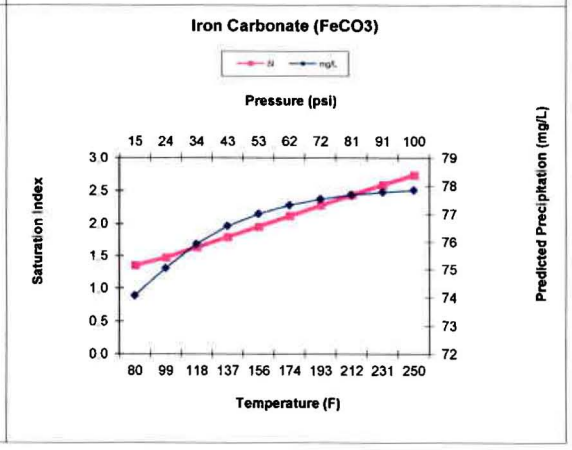












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	HEWETT 2-6C4
District:	Western Divide	**Sample ID:**	201304005577
Sales Rep:	Robert P Riley	**Sample Date:**	12/3/2013
Lease:	ALTAMONT FIELD	**Log Out Date:**	12/17/2013
Site Type:	Not Provided	**Analyst:**	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , HEWETT 2-6C4

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1464.0	24.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	120.0
aqueous H_2S (ppm):	2.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	8128
Density/Specific Gravity (g/cm³):	1.0030
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2800.0	79.0
Sulfate (SO_4^{2-}):	1087.5	22.6
Borate (H_3BO_3):	85.7	1.4
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	1.0	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Cations:	mg/L	meq/L
Sodium (Na^+):	2460.0	107.0
Potassium (K^+):	21.7	0.6
Magnesium (Mg^{2+}):	8.5	0.7
Calcium (Ca^{2+}):	75.9	3.8
Strontium (Sr^{2+}):	5.9	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	115.0	4.1
Manganese (Mn^{2+}):	1.6	0.1
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	1.4	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	232	N/A

Anion/Cation Ratio:	1.09

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.23	0.000	-1.09	0.000	-1.34	0.000
99°F	24 psi		0.000	-0.17	0.000	-1.09	0.000	-1.26	0.000
118°F	34 psi		0.000	-0.07	0.000	-1.09	0.000	-1.17	0.000
137°F	43 psi		0.000	0.04	4.782	-1.07	0.000	-1.06	0.000
156°F	53 psi		0.000	0.17	17.166	-1.05	0.000	-0.95	0.000
174°F	62 psi		0.000	0.31	28.186	-1.02	0.000	-0.82	0.000
193°F	72 psi		0.000	0.46	37.810	-0.98	0.000	-0.69	0.000
212°F	81 psi		0.000	0.61	45.371	-0.94	0.000	-0.55	0.000
231°F	91 psi		0.000	0.77	51.175	-0.90	0.000	-0.40	0.000
250°F	100 psi		0.000	0.93	55.534	-0.86	0.000	-0.26	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.57	0.000	-3.90	0.000	2.22	3.932	1.82	81.623
99°F	24 psi	-0.57	0.000	-3.93	0.000	2.17	3.929	1.95	82.082
118°F	34 psi	-0.55	0.000	-3.94	0.000	2.20	3.931	2.10	82.505
137°F	43 psi	-0.52	0.000	-3.95	0.000	2.26	3.934	2.26	82.814
156°F	53 psi	-0.48	0.000	-3.95	0.000	2.35	3.939	2.42	83.026
174°F	62 psi	-0.43	0.000	-3.95	0.000	2.45	3.943	2.58	83.173
193°F	72 psi	-0.36	0.000	-3.94	0.000	2.58	3.947	2.75	83.276
212°F	81 psi	-0.29	0.000	-3.93	0.000	2.71	3.950	2.90	83.345
231°F	91 psi	-0.21	0.000	-3.92	0.000	2.85	3.952	3.05	83.392
250°F	100 psi	-0.11	0.000	-3.90	0.000	2.99	3.954	3.20	83.423

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

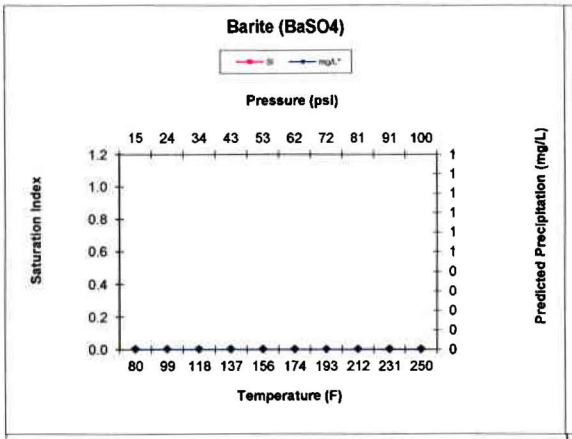
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

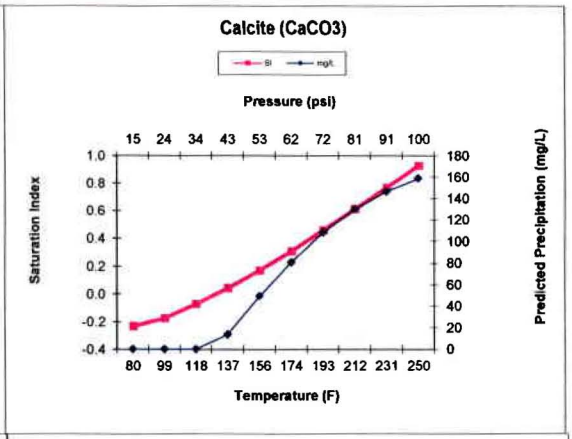
Calculate

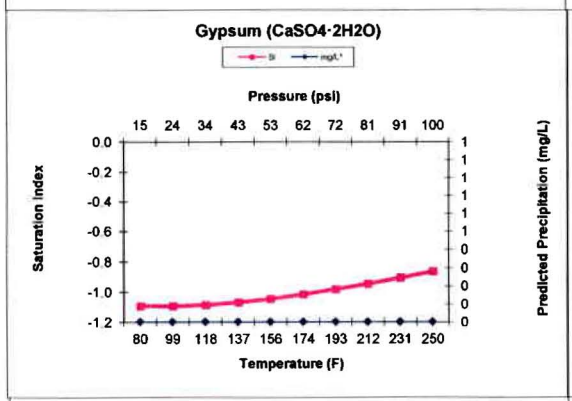
ScaleSoftPitzer™ SSP2010

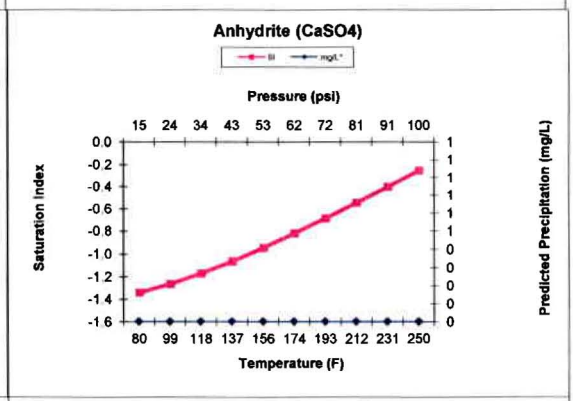
Comments: Ba<0.625ppm

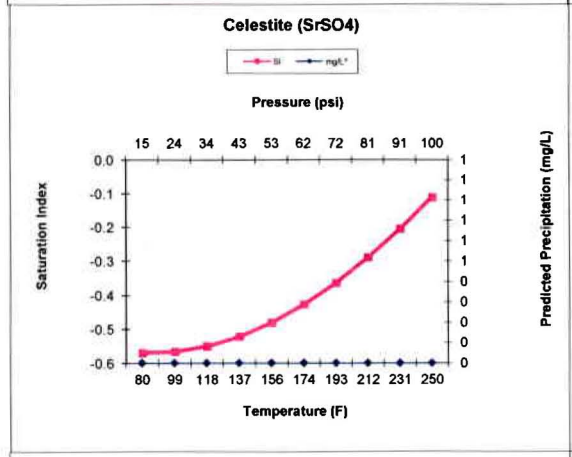
Sample ID: 41611 EP ENERGY, ALTAMONT FIELD , HEWETT 2-6C4

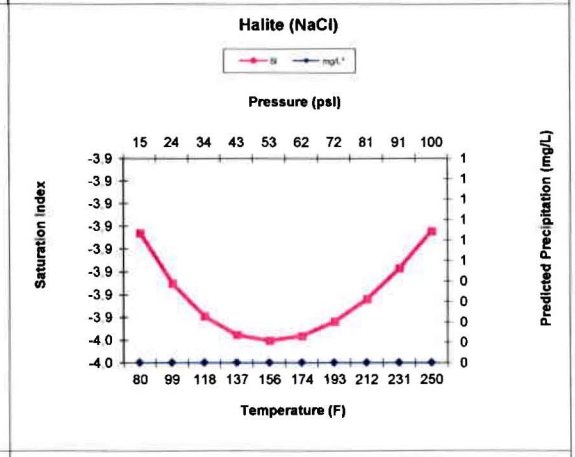


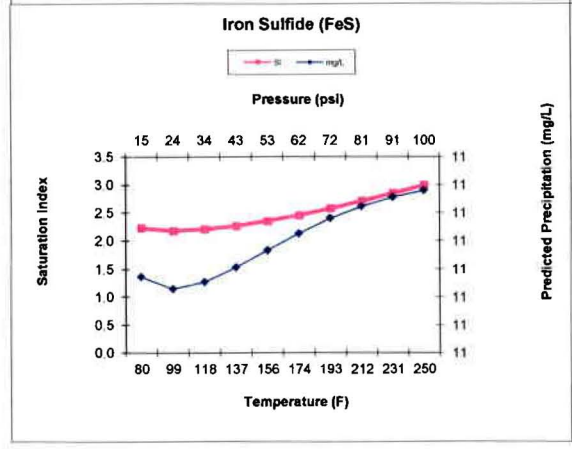


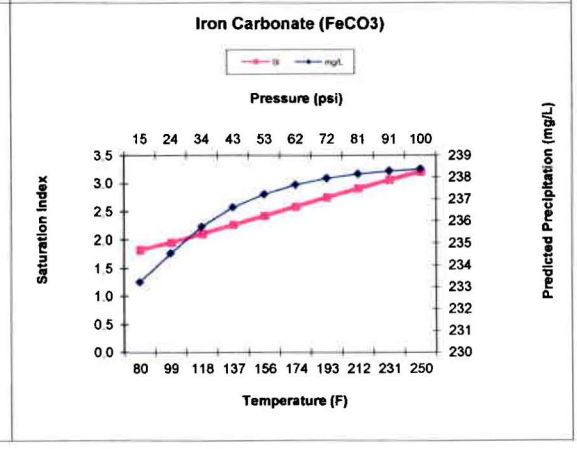












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	Sample Point Name	KOUMBIS 1-10C4
District:	Western Divide	Sample ID:	201304005569
Sales Rep:	Robert P Riley	Sample Date:	12/2/2013
Lease:	ALTAMONT FIELD	Log Out Date:	12/17/2013
Site Type:		Analyst:	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , KOUMBIS 1-10C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1708.0	28.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	230.0
aqueous H_2S (ppm):	18.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	8344
Density/Specific Gravity (g/cm^3):	1.0033
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2880.0	81.2
Sulfate (SO_4^{2-}):	853.9	17.8
Borate (H_3BO_3):	90.2	1.5
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	0.8	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	
Anion/Cation Ratio:		1.06

Cations:	mg/L	meq/L
Sodium (Na^+):	2440.0	106.2
Potassium (K^+):	29.8	0.8
Magnesium (Mg^{2+}):	10.3	0.8
Calcium (Ca^{2+}):	89.3	4.5
Strontium (Sr^{2+}):	7.4	0.2
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	217.0	7.8
Manganese (Mn^{2+}):	1.0	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	15.9	0.5
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	274	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.08	0.000	-1.13	0.000	-1.38	0.000
99°F	24 psi		0.000	-0.02	0.000	-1.13	0.000	-1.30	0.000
118°F	34 psi		0.000	0.07	9.391	-1.13	0.000	-1.21	0.000
137°F	43 psi		0.000	0.19	22.174	-1.11	0.000	-1.10	0.000
156°F	53 psi		0.000	0.32	33.782	-1.09	0.000	-0.99	0.000
174°F	62 psi		0.000	0.46	44.302	-1.06	0.000	-0.86	0.000
193°F	72 psi		0.000	0.61	53.045	-1.02	0.000	-0.73	0.000
212°F	81 psi		0.000	0.76	59.824	-0.98	0.000	-0.59	0.000
231°F	91 psi		0.000	0.91	64.968	-0.94	0.000	-0.44	0.000
250°F	100 psi		0.000	1.07	68.792	-0.90	0.000	-0.29	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.58	0.000	-3.90	0.000	3.48	35.579	2.21	155.615
99°F	24 psi	-0.58	0.000	-3.92	0.000	3.43	35.576	2.33	156.073
118°F	34 psi	-0.56	0.000	-3.93	0.000	3.45	35.578	2.48	156.510
137°F	43 psi	-0.53	0.000	-3.94	0.000	3.51	35.581	2.64	156.833
156°F	53 psi	-0.49	0.000	-3.94	0.000	3.60	35.584	2.80	157.056
174°F	62 psi	-0.44	0.000	-3.94	0.000	3.71	35.588	2.96	157.214
193°F	72 psi	-0.37	0.000	-3.94	0.000	3.83	35.591	3.12	157.324
212°F	81 psi	-0.30	0.000	-3.93	0.000	3.96	35.593	3.28	157.397
231°F	91 psi	-0.22	0.000	-3.91	0.000	4.10	35.595	3.43	157.447
250°F	100 psi	-0.12	0.000	-3.90	0.000	4.24	35.596	3.57	157.481

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

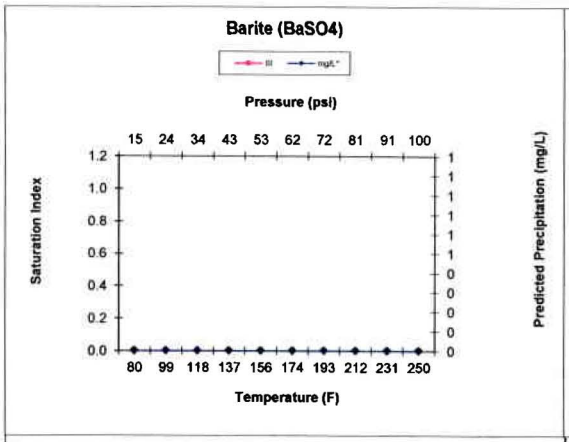
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

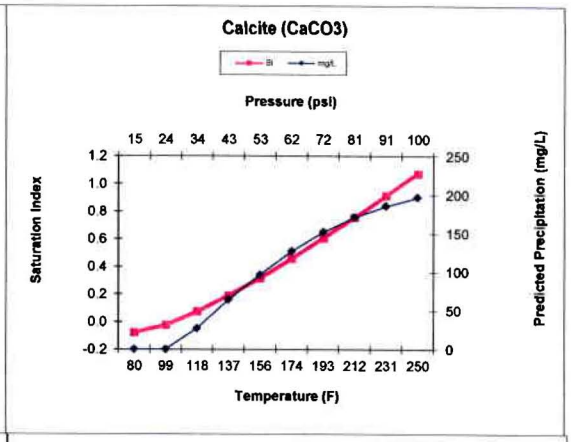
Calculate

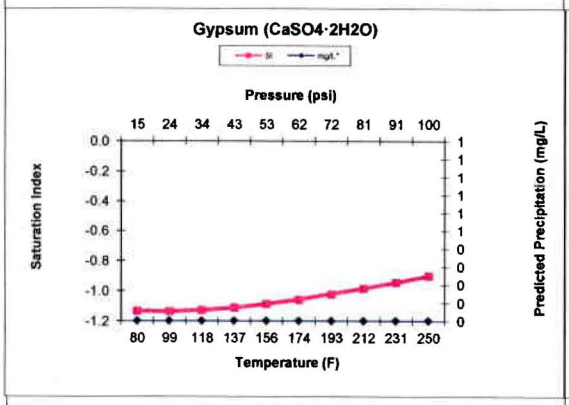
ScaleSoftPitzer™ SSP2010

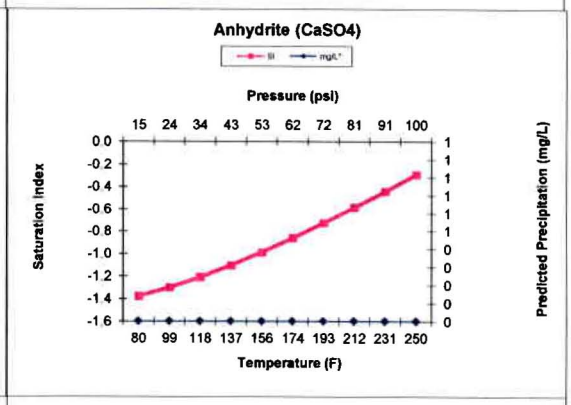
Comments: Ba<0.625ppm

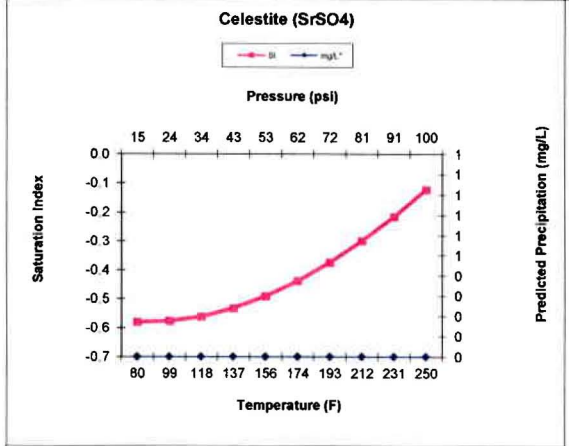
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , KOUMBIS 1-10C4

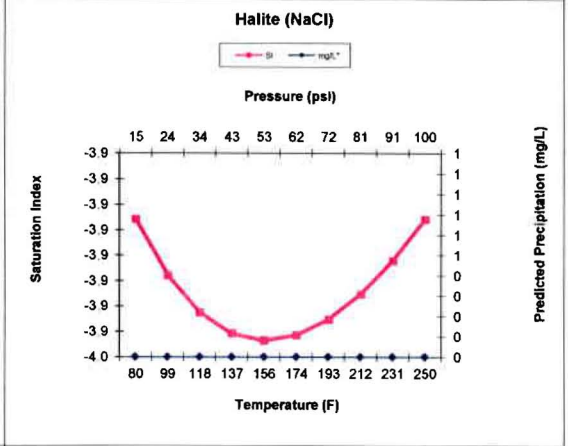


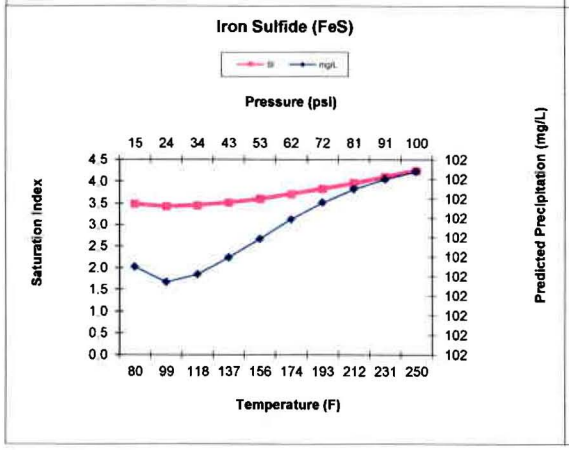


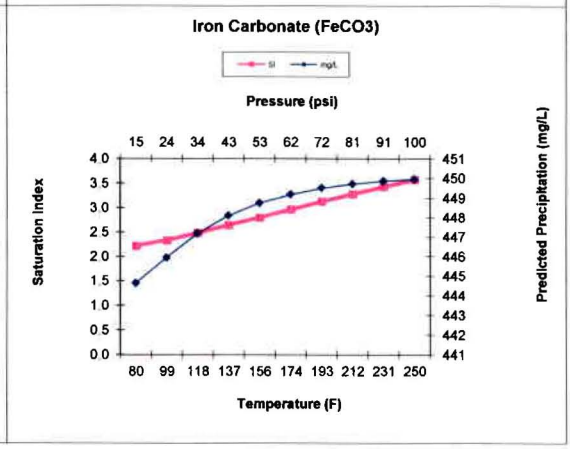












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	Sample Point Name	KUSHMAUL 1-16C4
District:	Western Divide	Sample ID:	201304005565
Sales Rep:	Robert P Riley	Sample Date:	12/2/2013
Lease:	ALTAMONT FIELD	Log Out Date:	12/17/2013
Site Type:	Not Provided	Analyst:	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , KUSHMAUL 1-16C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1976.0	32.4
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	350.0
aqueous H_2S (ppm):	5.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	7928
Density/Specific Gravity (g/cm^3):	1.0028
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2860.0	80.7
Sulfate (SO_4^{2-}):	620.2	12.9
Borate (H_3BO_3):	80.5	1.3
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	1.3	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Cations:	mg/L	meq/L
Sodium (Na^+):	2280.0	99.2
Potassium (K^+):	22.1	0.6
Magnesium (Mg^{2+}):	9.1	0.7
Calcium (Ca^{2+}):	69.0	3.4
Strontium (Sr^{2+}):	6.2	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	2.9	0.1
Manganese (Mn^{2+}):	0.1	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.7	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	217	N/A
Anion/Cation Ratio:	1.22	

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.11	0.000	-1.31	0.000	-1.56	0.000
99°F	24 psi		0.000	-0.06	0.000	-1.32	0.000	-1.48	0.000
118°F	34 psi		0.000	0.04	4.603	-1.31	0.000	-1.39	0.000
137°F	43 psi		0.000	0.16	15.828	-1.29	0.000	-1.29	0.000
156°F	53 psi		0.000	0.29	25.776	-1.27	0.000	-1.17	0.000
174°F	62 psi		0.000	0.43	34.727	-1.23	0.000	-1.04	0.000
193°F	72 psi		0.000	0.59	41.752	-1.20	0.000	-0.90	0.000
212°F	81 psi		0.000	0.74	47.041	-1.16	0.000	-0.76	0.000
231°F	91 psi		0.000	0.90	50.950	-1.12	0.000	-0.61	0.000
250°F	100 psi		0.000	1.06	53.789	-1.07	0.000	-0.46	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.74	0.000	-3.92	0.000	1.12	1.435	0.44	1.323
99°F	24 psi	-0.73	0.000	-3.94	0.000	1.06	1.416	0.56	1.503
118°F	34 psi	-0.71	0.000	-3.95	0.000	1.09	1.425	0.71	1.674
137°F	43 psi	-0.68	0.000	-3.96	0.000	1.15	1.445	0.88	1.799
156°F	53 psi	-0.64	0.000	-3.97	0.000	1.24	1.468	1.04	1.885
174°F	62 psi	-0.59	0.000	-3.96	0.000	1.35	1.493	1.21	1.947
193°F	72 psi	-0.52	0.000	-3.96	0.000	1.48	1.514	1.37	1.988
212°F	81 psi	-0.45	0.000	-3.95	0.000	1.61	1.530	1.53	2.015
231°F	91 psi	-0.36	0.000	-3.93	0.000	1.75	1.543	1.68	2.033
250°F	100 psi	-0.27	0.000	-3.92	0.000	1.90	1.552	1.83	2.045

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.

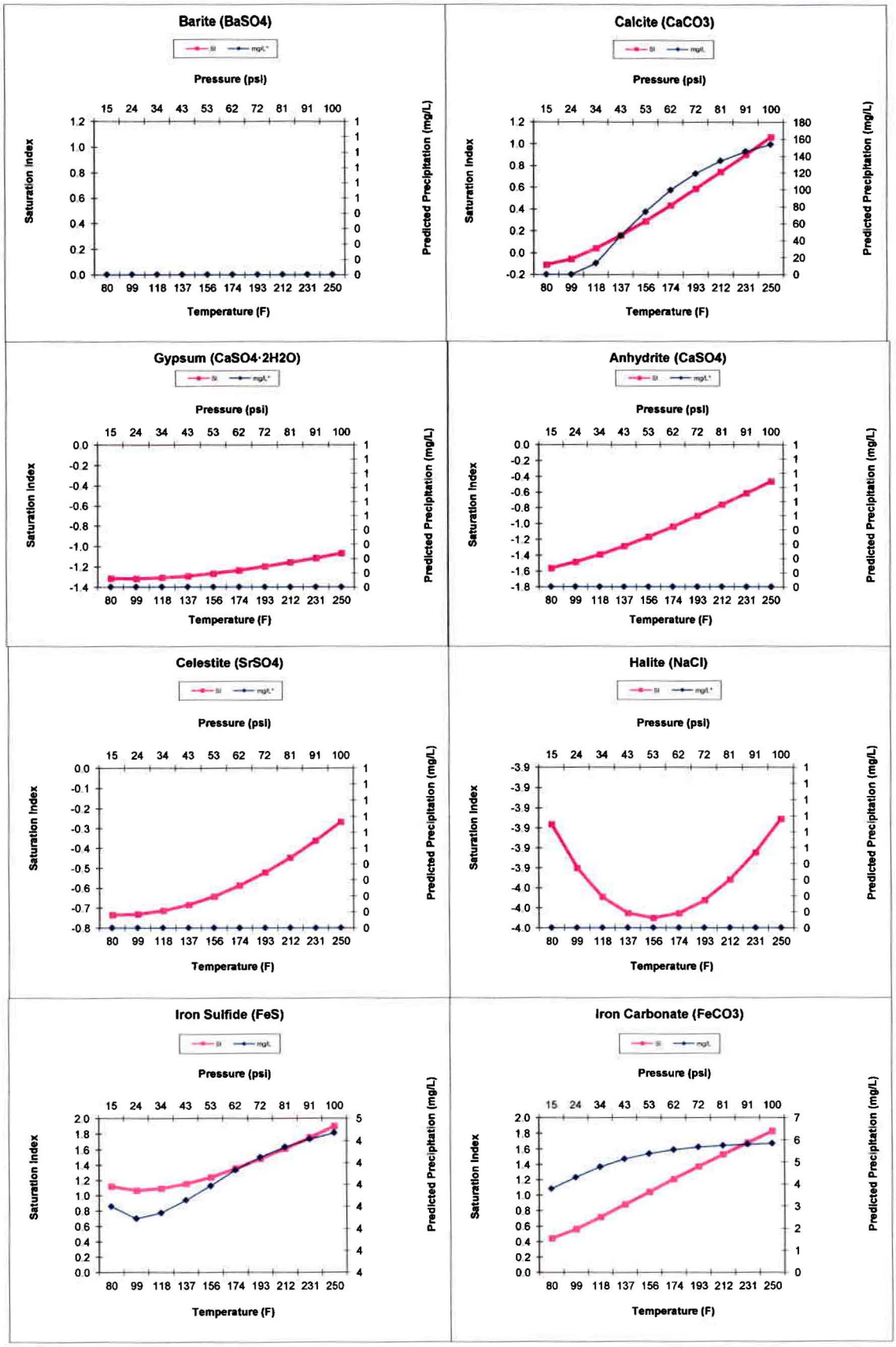
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations.

Calculate

ScaleSoftPitzer™ SSP2010

Comments: Ba<0.625ppm

Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , KUSHMAUL 1-16C4



BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	Sample Point Name	MARQUEZ 2-17C4
District:	Western Divide	Sample ID:	201304005560
Sales Rep:	Robert P Riley	Sample Date:	12/2/2013
Lease:	ALTAMONT FIELD	Log Out Date:	12/17/2013
Site Type:	Not Provided	Analyst:	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , MARQUEZ 2-17C4

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:	
pH at time of sampling:	6.8

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1464.0	24.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	210.0
aqueous H_2S (ppm):	2.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	10680
Density/Specific Gravity (g/cm^3):	1.0048
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	3840.0	108.3
Sulfate (SO_4^{2-}):	1471.0	30.6
Borate (H_3BO_3):	85.1	1.4
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	1.5	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	
Anion/Cation Ratio:		0.99

Cations:	mg/L	meq/L
Sodium (Na^+):	3620.0	157.5
Potassium (K^+):	42.3	1.1
Magnesium (Mg^{2+}):	11.6	1.0
Calcium (Ca^{2+}):	103.0	5.1
Strontium (Sr^{2+}):	6.1	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	33.3	1.2
Manganese (Mn^{2+}):	0.7	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	1.6	0.1
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	312	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	0.13	15.876	-0.93	0.000	-1.18	0.000
99°F	24 psi		0.000	0.19	23.170	-0.94	0.000	-1.10	0.000
118°F	34 psi		0.000	0.29	33.508	-0.93	0.000	-1.01	0.000
137°F	43 psi		0.000	0.41	43.856	-0.91	0.000	-0.90	0.000
156°F	53 psi		0.000	0.54	53.233	-0.89	0.000	-0.79	0.000
174°F	62 psi		0.000	0.67	61.303	-0.86	0.000	-0.66	0.000
193°F	72 psi		0.000	0.81	68.206	-0.83	0.000	-0.53	0.000
212°F	81 psi		0.000	0.96	73.955	-0.79	0.000	-0.40	0.000
231°F	91 psi		0.000	1.11	78.361	-0.76	0.000	-0.25	0.000
250°F	100 psi		0.000	1.27	81.671	-0.72	0.000	-0.11	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.53	0.000	-3.62	0.000	2.10	3.382	1.49	23.304
99°F	24 psi	-0.52	0.000	-3.64	0.000	2.05	3.378	1.62	23.527
118°F	34 psi	-0.51	0.000	-3.66	0.000	2.06	3.379	1.78	23.722
137°F	43 psi	-0.48	0.000	-3.67	0.000	2.11	3.383	1.94	23.863
156°F	53 psi	-0.44	0.000	-3.67	0.000	2.18	3.388	2.10	23.959
174°F	62 psi	-0.39	0.000	-3.67	0.000	2.26	3.392	2.25	24.024
193°F	72 psi	-0.33	0.000	-3.66	0.000	2.36	3.397	2.40	24.070
212°F	81 psi	-0.26	0.000	-3.65	0.000	2.47	3.402	2.55	24.103
231°F	91 psi	-0.18	0.000	-3.64	0.000	2.59	3.405	2.70	24.125
250°F	100 psi	-0.09	0.000	-3.62	0.000	2.72	3.408	2.84	24.140

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

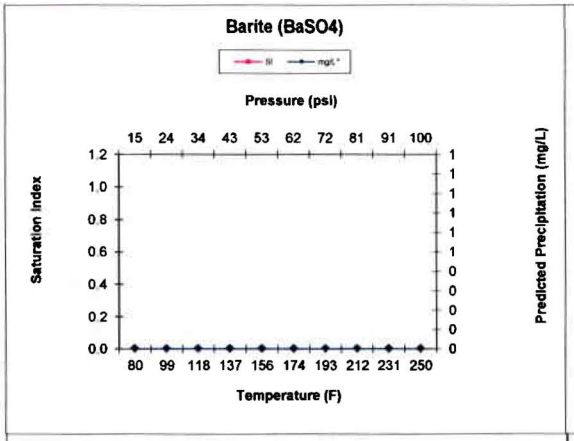
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

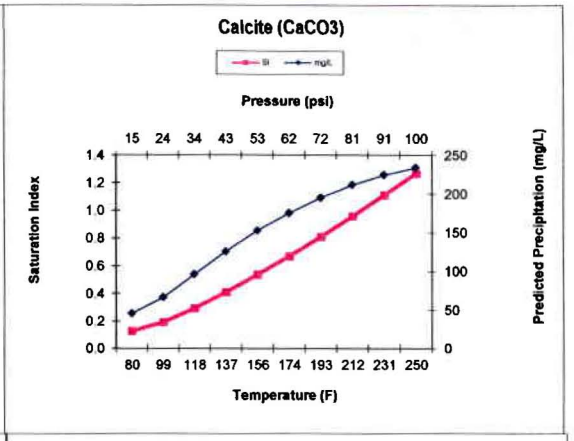
Calculate

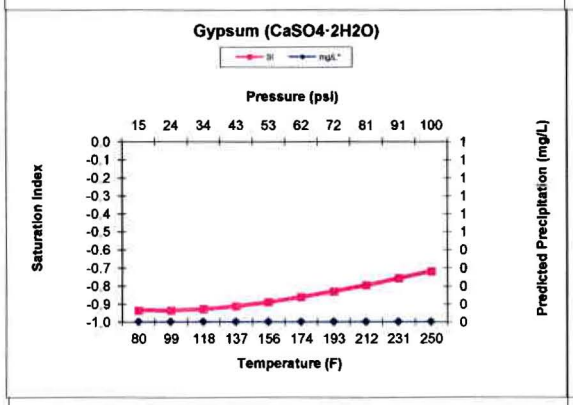
OLI ScaleSoftPitzer™ SSP2010

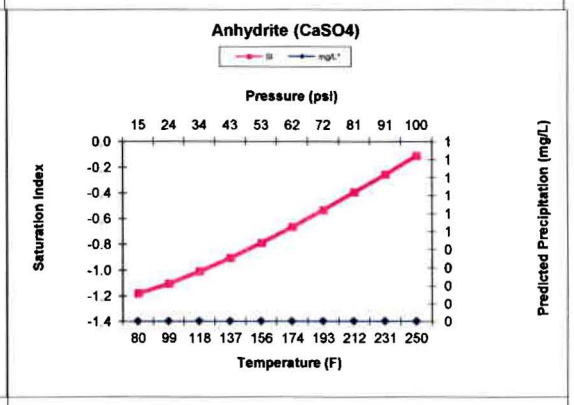
Comments: Ba<0.625ppm

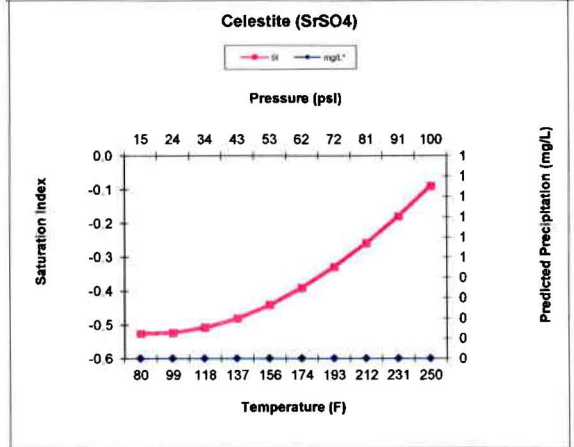
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , MARQUEZ 2-17C4

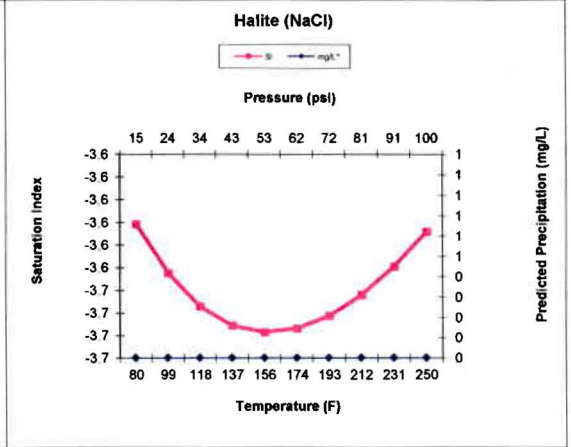


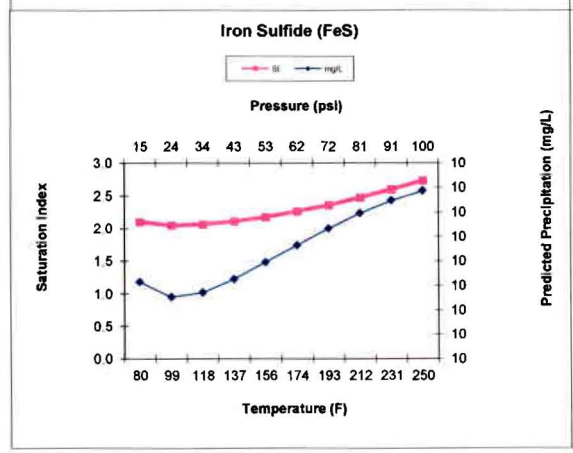


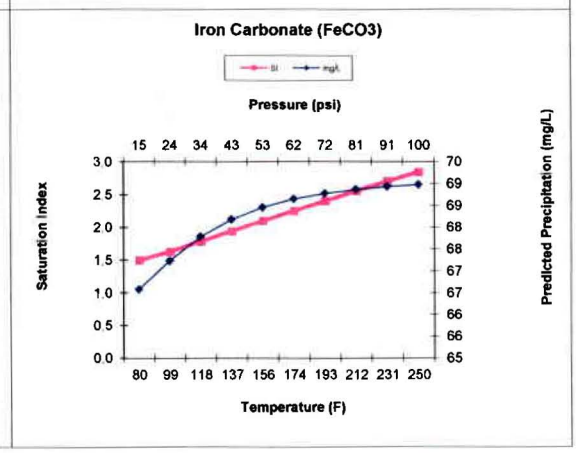












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	MOON 1-14C4
District:	Western Divide	**Sample ID:**	201304005568
Sales Rep:	Robert P Riley	**Sample Date:**	12/2/2013
Lease:	ALTAMONT FIELD	**Log Out Date:**	12/17/2013
Site Type:	Not Provided	**Analyst:**	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , MOON 1-14C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1464.0	24.0
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	
aqueous CO_2 (ppm):		210.0
aqueous H_2S (ppm):		3.0
aqueous O_2 (ppb):		ND
Calculated TDS (mg/L):		7146
Density/Specific Gravity (g/cm³):		1.0023
Measured Density/Specific Gravity		ND
Conductivity (mmhos):		ND
MCF/D:		No Data
BOPD:		No Data
BWPD:		No Data

Analysis of Sample — Anions:	mg/L	meq/L
Chloride (Cl^-):	2570.0	72.5
Sulfate (SO_4^{2-}):	659.1	13.7
Borate (H_3BO_3):	81.1	1.3
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	1.4	0.0
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	
Anion/Cation Ratio:		1.08

Cations:	mg/L	meq/L
Sodium (Na^+):	2230.0	97.0
Potassium (K^+):	21.5	0.5
Magnesium (Mg^{2+}):	8.1	0.7
Calcium (Ca^{2+}):	66.9	3.3
Strontium (Sr^{2+}):	5.3	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	37.3	1.3
Manganese (Mn^{2+}):	0.9	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	0.3	0.0
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	207	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.26	0.000	-1.30	0.000	-1.54	0.000
99°F	24 psi		0.000	-0.20	0.000	-1.30	0.000	-1.47	0.000
118°F	34 psi		0.000	-0.10	0.000	-1.29	0.000	-1.37	0.000
137°F	43 psi		0.000	0.02	1.897	-1.27	0.000	-1.27	0.000
156°F	53 psi		0.000	0.15	13.592	-1.25	0.000	-1.15	0.000
174°F	62 psi		0.000	0.29	23.943	-1.22	0.000	-1.02	0.000
193°F	72 psi		0.000	0.44	32.886	-1.18	0.000	-0.88	0.000
212°F	81 psi		0.000	0.59	39.848	-1.14	0.000	-0.74	0.000
231°F	91 psi		0.000	0.75	45.141	-1.10	0.000	-0.59	0.000
250°F	100 psi		0.000	0.92	49.077	-1.05	0.000	-0.44	0.000

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.76	0.000	-3.97	0.000	1.95	5.862	1.37	25.787
99°F	24 psi	-0.76	0.000	-3.99	0.000	1.90	5.851	1.50	26.108
118°F	34 psi	-0.74	0.000	-4.01	0.000	1.93	5.858	1.65	26.401
137°F	43 psi	-0.71	0.000	-4.01	0.000	1.99	5.872	1.82	26.614
156°F	53 psi	-0.67	0.000	-4.02	0.000	2.08	5.888	1.98	26.760
174°F	62 psi	-0.61	0.000	-4.01	0.000	2.19	5.904	2.14	26.861
193°F	72 psi	-0.55	0.000	-4.01	0.000	2.32	5.918	2.30	26.932
212°F	81 psi	-0.47	0.000	-4.00	0.000	2.45	5.929	2.46	26.978
231°F	91 psi	-0.39	0.000	-3.98	0.000	2.59	5.938	2.62	27.010
250°F	100 psi	-0.29	0.000	-3.97	0.000	2.74	5.944	2.76	27.031

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

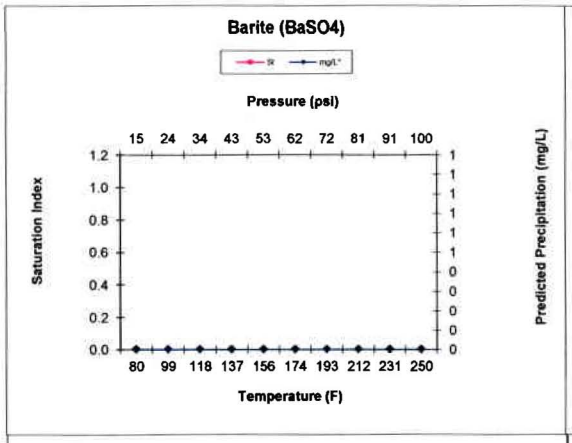
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

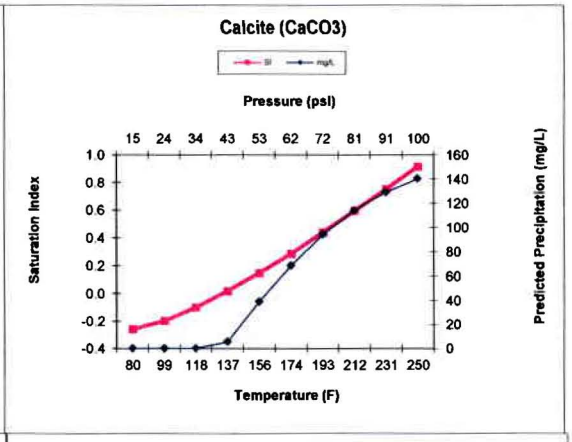
Calculate

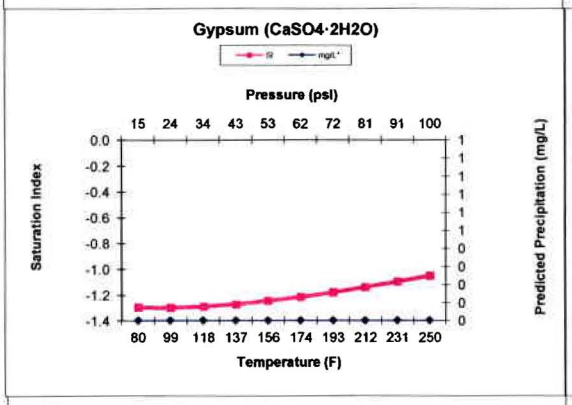
ScaleSoftPitzer™ SSP2010

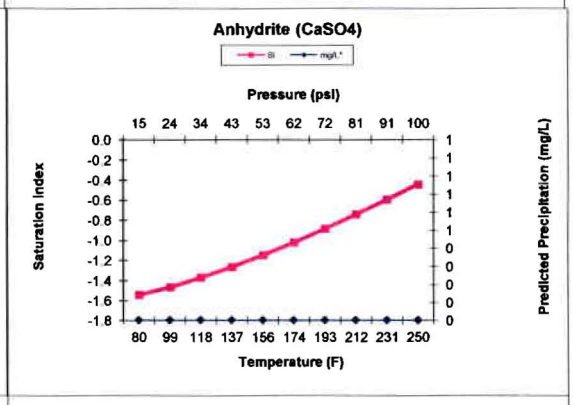
Comments: Ba<0.625ppm

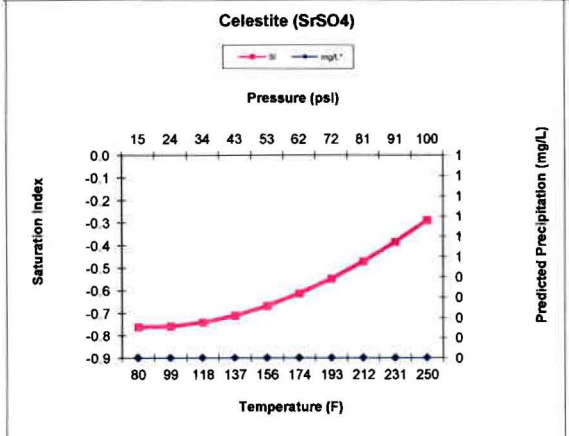
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , MOON 1-14C4

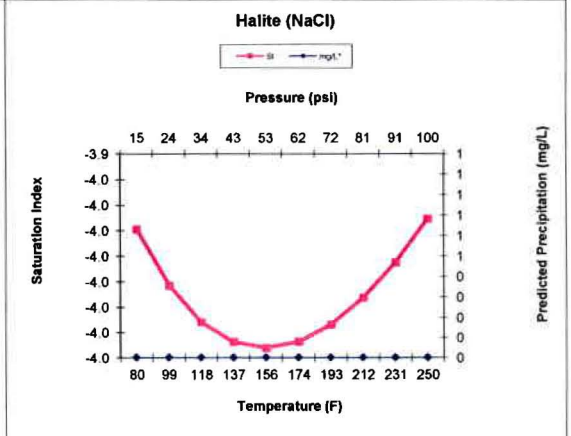


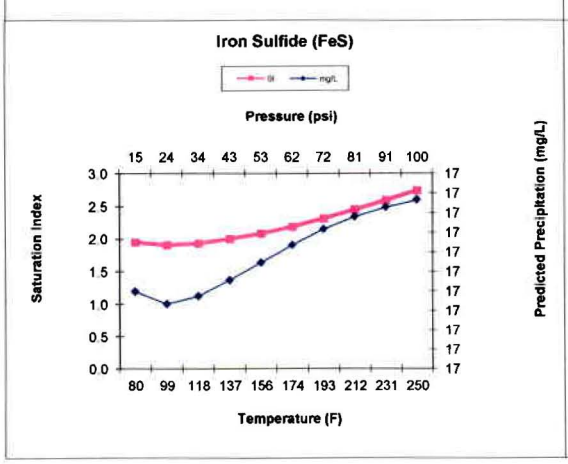


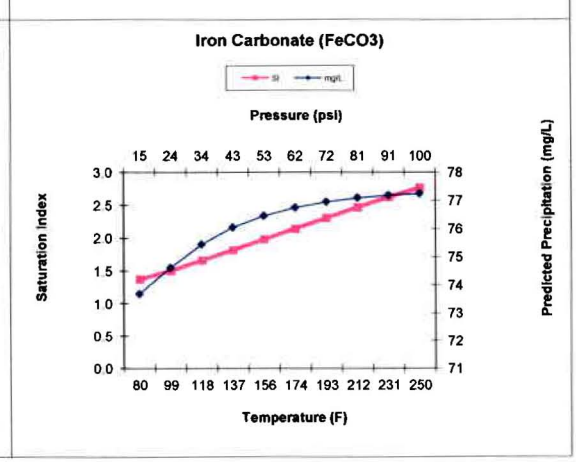












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	Sample Point Name	Ocampo 4-9C4
District:	Western Divide	Sample ID:	201304005561
Sales Rep:	Robert P Riley	Sample Date:	12/2/2013
Lease:	ALTAMONT FIELD	Log Out Date:	12/17/2013
Site Type:	Not Provided	Analyst:	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , Ocampo 4-9C4

Field Data

Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15

pH:	
pH at time of sampling:	6.8

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1976.0	32.4
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	380.0
aqueous H_2S (ppm):	2.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	10630
Density/Specific Gravity (g/cm³):	1.0048
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	3740.0	105.5
Sulfate (SO_4^{2-}):	1180.4	24.6
Borate (H_3BO_3):	138.2	2.2
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	1.7	0.1
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	
Anion/Cation Ratio:		1.05

Cations:	mg/L	meq/L
Sodium (Na^+):	3210.0	139.7
Potassium (K^+):	54.2	1.4
Magnesium (Mg^{2+}):	30.7	2.5
Calcium (Ca^{2+}):	246.0	12.3
Strontium (Sr^{2+}):	12.2	0.3
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	38.1	1.4
Manganese (Mn^{2+}):	0.9	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	1.8	0.1
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	755	N/A

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	0.66	128.366	-0.64	0.000	-0.88	0.000
99°F	24 psi		0.000	0.73	136.341	-0.64	0.000	-0.80	0.000
118°F	34 psi		0.000	0.83	148.278	-0.63	0.000	-0.71	0.000
137°F	43 psi		0.000	0.95	160.383	-0.61	0.000	-0.61	0.000
156°F	53 psi		0.000	1.07	171.421	-0.59	0.000	-0.49	0.000
174°F	62 psi		0.000	1.20	180.960	-0.56	0.000	-0.36	0.000
193°F	72 psi		0.000	1.35	189.196	-0.53	0.000	-0.23	0.000
212°F	81 psi		0.000	1.50	196.019	-0.49	0.000	-0.09	0.000
231°F	91 psi		0.000	1.65	201.256	-0.45	0.000	0.05	20.727
250°F	100 psi		0.000	1.81	205.191	-0.42	0.000	0.19	76.455

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.31	0.000	-3.68	0.000	2.23	3.394	1.76	27.135
99°F	24 psi	-0.31	0.000	-3.70	0.000	2.18	3.391	1.89	27.269
118°F	34 psi	-0.30	0.000	-3.72	0.000	2.19	3.392	2.05	27.388
137°F	43 psi	-0.27	0.000	-3.73	0.000	2.24	3.395	2.20	27.473
156°F	53 psi	-0.23	0.000	-3.73	0.000	2.31	3.398	2.36	27.532
174°F	62 psi	-0.18	0.000	-3.73	0.000	2.39	3.402	2.52	27.571
193°F	72 psi	-0.12	0.000	-3.72	0.000	2.49	3.405	2.67	27.600
212°F	81 psi	-0.04	0.000	-3.71	0.000	2.61	3.408	2.83	27.619
231°F	91 psi	0.04	0.710	-3.70	0.000	2.73	3.411	2.97	27.632
250°F	100 psi	0.13	2.226	-3.69	0.000	2.86	3.413	3.11	27.641

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

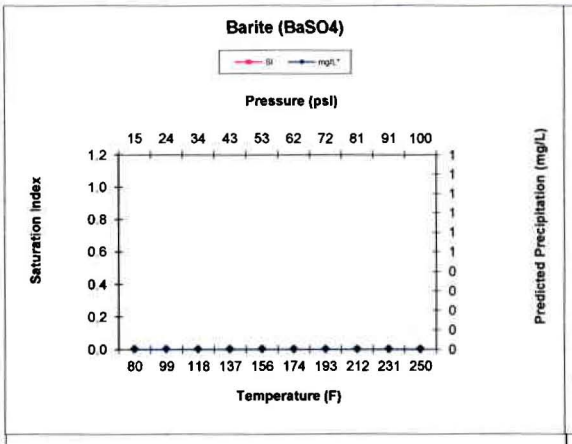
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

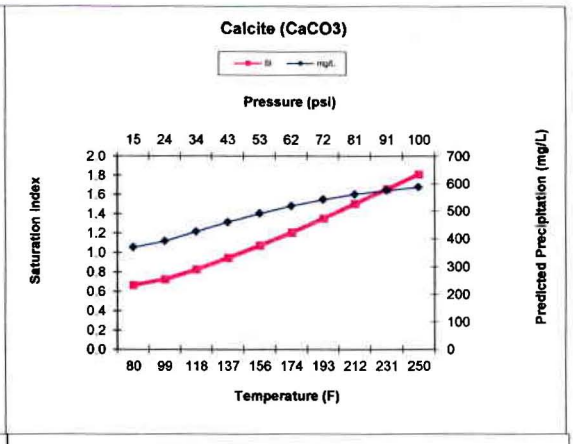
Calculate

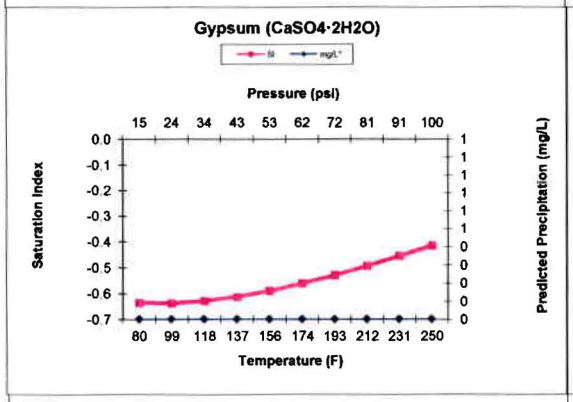
ScaleSoftPitzer™ SSP2010

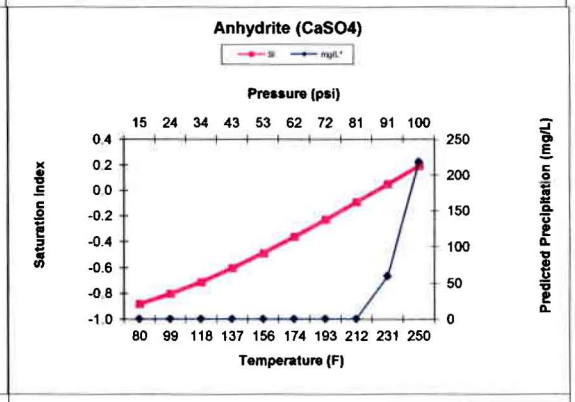
Comments: Ba<0.625ppm

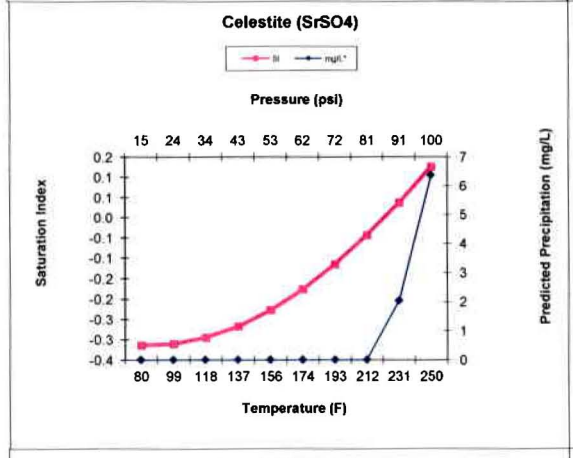
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , Ocampo 4-9C4

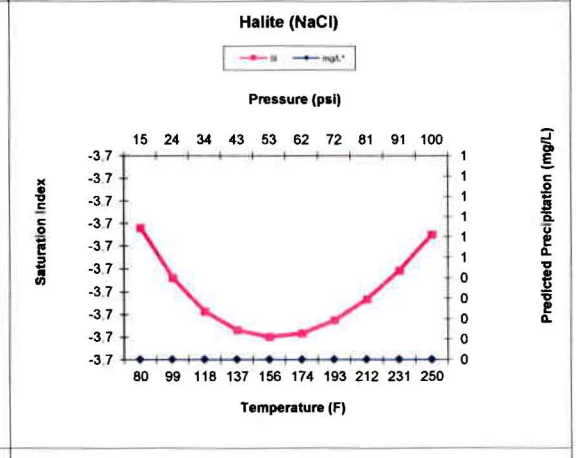


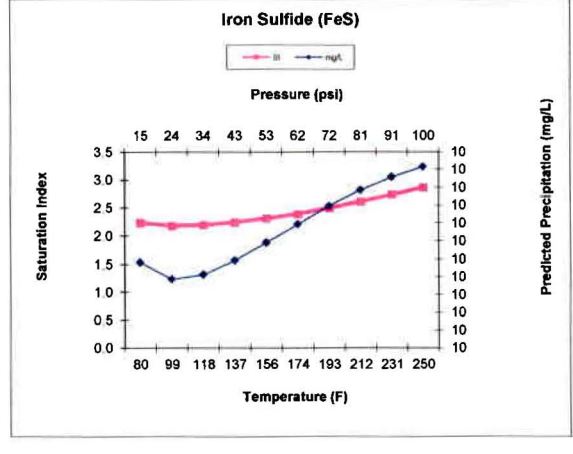


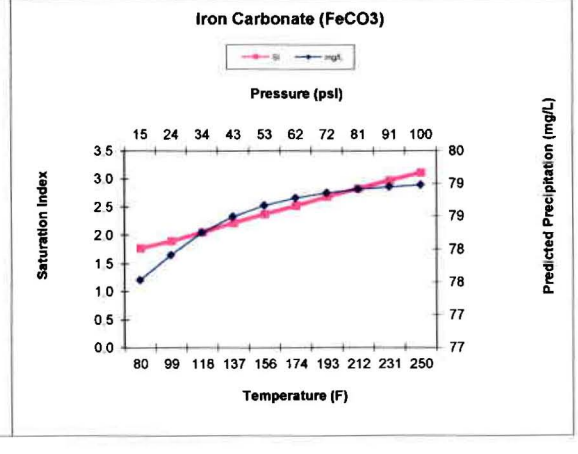












BAKER HUGHES

Western Divide District Laboratory
1382 South 2300 West
Roosevelt, UT. 84066

Report Date: 4/2/2014

Complete Water Analysis Report SSP v.8

Customer:	EP ENERGY	**Sample Point Name**	PENFIELD 2-8C4
District:	Western Divide	**Sample ID:**	201304005570
Sales Rep:	Robert P Riley	**Sample Date:**	12/2/2013
Lease:	ALTAMONT FIELD	**Log Out Date:**	12/17/2013
Site Type:	Not Provided	**Analyst:**	GvA
Sample Point Description:	Not Provided		

EP ENERGY, ALTAMONT FIELD , PENFIELD 2-8C4

Field Data	
Initial Temperature (°F):	250
Final Temperature (°F):	80
Initial Pressure (psi):	100
Final Pressure (psi):	15
pH:	
pH at time of sampling:	6.5

Alkalinity by Titration:	mg/L	meq/L
Bicarbonate (HCO_3^-):	1976.0	32.4
Carbonate (CO_3^{2-}):	ND	
Hydroxide (OH^-):	ND	

aqueous CO_2 (ppm):	310.0
aqueous H_2S (ppm):	3.0
aqueous O_2 (ppb):	ND
Calculated TDS (mg/L):	9359
Density/Specific Gravity (g/cm^3):	1.0040
Measured Density/Specific Gravity	ND
Conductivity (mmhos):	ND
MCF/D:	No Data
BOPD:	No Data
BWPD:	No Data

Analysis of Sample

Anions:	mg/L	meq/L
Chloride (Cl^-):	2350.0	66.3
Sulfate (SO_4^{2-}):	1956.4	40.7
Borate (H_3BO_3):	81.7	1.3
Fluoride (F^-):	ND	
Bromide (Br^-):	ND	
Nitrite (NO_2^-):	ND	
Nitrate (NO_3^-):	ND	
Phosphate (PO_4^{3-}):	2.5	0.1
Silica (SiO_2):	ND	

Organic Acids:	mg/L	meq/L
Formate:	ND	
Acetate:	ND	
Propionate:	ND	
Butyrate:	ND	
Valerate:	ND	

Cations:	mg/L	meq/L
Sodium (Na^+):	2780.0	121.0
Potassium (K^+):	30.3	0.8
Magnesium (Mg^{2+}):	11.3	0.9
Calcium (Ca^{2+}):	102.0	5.1
Strontium (Sr^{2+}):	5.9	0.1
Barium (Ba^{2+}):	0.0	0.0
Iron (Fe^{2+}):	60.3	2.2
Manganese (Mn^{2+}):	0.9	0.0
Lead (Pb^{2+}):	ND	
Zinc (Zn^{2+}):	2.3	0.1
Aluminum (Al^{3+}):	ND	
Chromium (Cr^{3+}):	ND	
Cobalt (Co^{2+}):	ND	
Copper (Cu^{2+}):	ND	
Molybdenum (Mo^{2+}):	ND	
Nickel (Ni^{2+}):	ND	
Tin (Sn^{2+}):	ND	
Titanium (Ti^{2+}):	ND	
Vanadium (V^{2+}):	ND	
Zirconium (Zr^{2+}):	ND	
Total Hardness:	308	N/A
Anion/Cation Ratio:	1.08	

ND = Not Determined

Conditions		Barite ($BaSO_4$)		Calcite ($CaCO_3$)		Gypsum ($CaSO_4 \cdot 2H_2O$)		Anhydrite ($CaSO_4$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi		0.000	-0.03	0.000	-0.77	0.000	-1.02	0.000
99°F	24 psi		0.000	0.03	4.056	-0.78	0.000	-0.94	0.000
118°F	34 psi		0.000	0.13	17.517	-0.77	0.000	-0.85	0.000
137°F	43 psi		0.000	0.24	31.118	-0.75	0.000	-0.74	0.000
156°F	53 psi		0.000	0.37	43.325	-0.73	0.000	-0.63	0.000
174°F	62 psi		0.000	0.51	54.404	-0.70	0.000	-0.51	0.000
193°F	72 psi		0.000	0.66	63.396	-0.67	0.000	-0.37	0.000
212°F	81 psi		0.000	0.81	70.308	-0.64	0.000	-0.24	0.000
231°F	91 psi		0.000	0.96	75.526	-0.60	0.000	-0.10	0.000
250°F	100 psi		0.000	1.11	79.399	-0.57	0.000	0.04	9.965

Conditions		Celestite ($SrSO_4$)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate ($FeCO_3$)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	-0.40	0.000	-3.94	0.000	2.12	5.865	1.66	42.670
99°F	24 psi	-0.40	0.000	-3.96	0.000	2.07	5.857	1.78	42.933
118°F	34 psi	-0.38	0.000	-3.98	0.000	2.09	5.860	1.93	43.184
137°F	43 psi	-0.35	0.000	-3.99	0.000	2.15	5.868	2.09	43.368
156°F	53 psi	-0.31	0.000	-3.99	0.000	2.23	5.877	2.25	43.496
174°F	62 psi	-0.26	0.000	-3.99	0.000	2.34	5.887	2.41	43.587
193°F	72 psi	-0.20	0.000	-3.98	0.000	2.47	5.895	2.57	43.649
212°F	81 psi	-0.13	0.000	-3.97	0.000	2.60	5.902	2.73	43.690
231°F	91 psi	-0.05	0.000	-3.96	0.000	2.73	5.907	2.88	43.717
250°F	100 psi	0.05	0.426	-3.94	0.000	2.87	5.911	3.02	43.736

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales

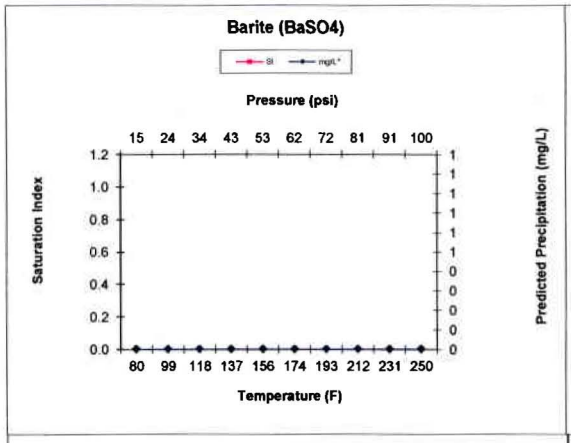
Note 3: Saturation Index predictions on this sheet use pH and alkalinity; $\%CO_2$ is not included in the calculations

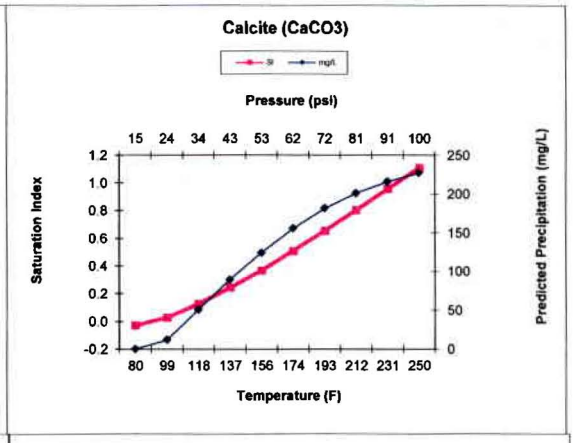
Calculate

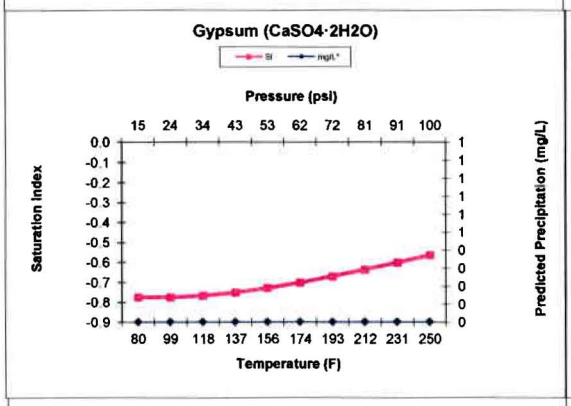
ScaleSoftPitzer™ SSP2010

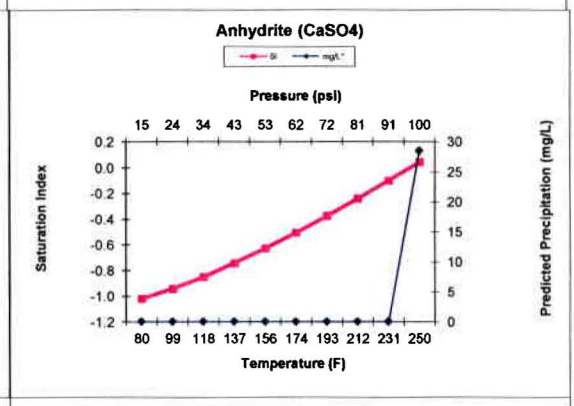
Comments: Ba<0.625ppm

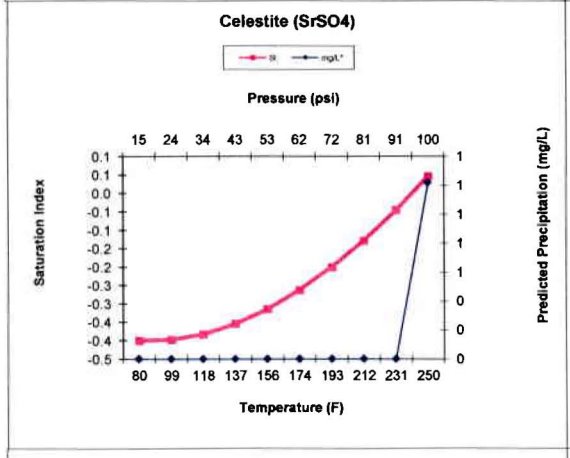
Sample ID: 41610 EP ENERGY, ALTAMONT FIELD , PENFIELD 2-8C4

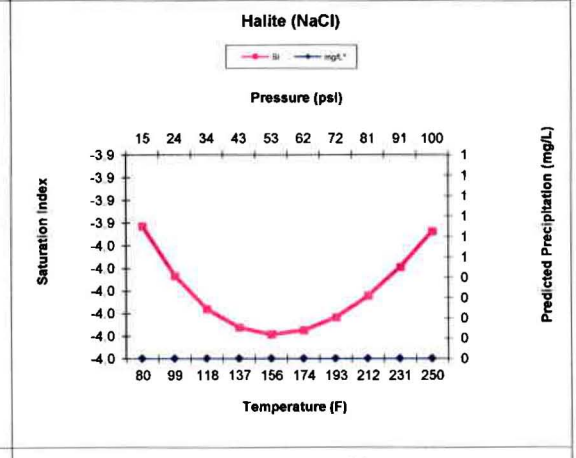


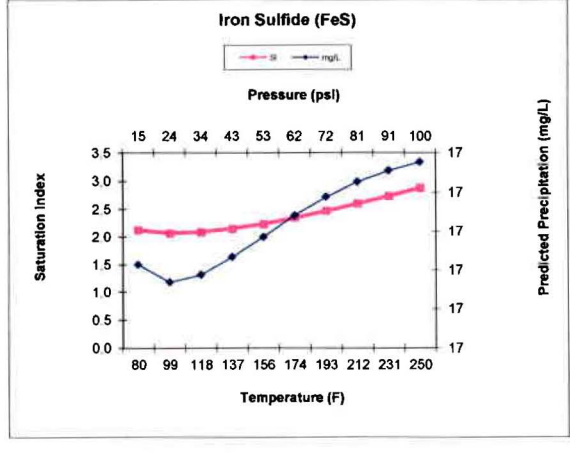


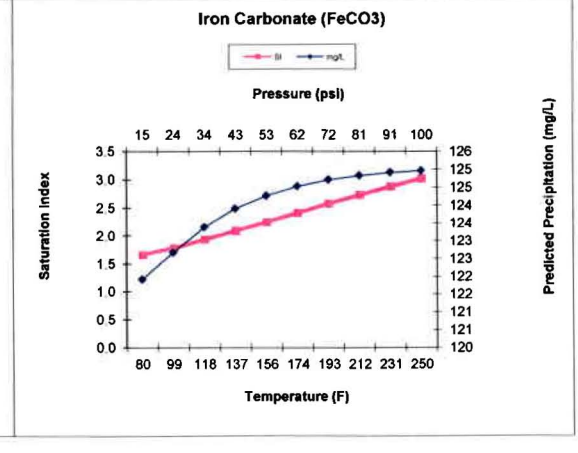












RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.5
CASING PROGRAM

Wellbore Diagrams
&
Work Prognosis

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	BELCHER 2-33B4	**Wellbore No.**	OH
Well Name	BELCHER 2-33B4	**Common Name**	BELCHER 2-33B4
Report No.	005	**Report Date**	11/6/2012
Supervisor - Day	LLOYD	**Engineer (Last, First)**	TISCI, SAM
Avg Tubing Pressure	(psi)	**Avg Casing Press**	(psi)
Daily Cost	26,925.00 ($)	**Cumulative Total**	105,964.00 ($)
Fill Depth/Date	(usft)/	**Date Last Wireline Work**	
Property Number	10001403	**Objective**	RECOM-3STAGES-ALTAMONT
Wireline Crew	LLOYD/TISCI, SAM/LLOYD/		
Assembly Name			

1.3 Status

Current Status	3 STAGE ACID RECOMPLETION
24 Hr Summary	P/ U PACKER RIH SET IN TOP OF LINER @ 2326', PSI TEST BELOW TO 4000#, 1000# ABOVE, POOH L/D PACKER ,PERFORATE 1 ST STAGE, RIH SET PACKER @ 2336'.
Job	
Tree Condition	

2 Time Summary

2.1 Activity Details

From	To	Operation
11/5/2012 6:00AM	11/5/2012 7:30AM	TRAVEL TO LOCATION, HSM, P/U TBG W/ HYDRAULIC LIFT 0 PSI ON WELL. SUPER HEATERS HEATING WATER FOR ACID JOBS
11/5/2012 7:30AM	11/5/2012 8:30AM	CHANGE PIPE RAMS & TBG EQUIP, FROM 2 7/8" TO 3 1/2"
11/5/2012 8:30AM	11/5/2012 11:30AM	P/U WEATHERFORD 5" AERO SET PACKER, RIH ON 1 JT 2 7/8" P-110, 73 JTS 3 1/2" P-110 TBG, SET @ 2336'.
11/5/2012 11:30AM	11/5/2012 12:30PM	PSI TEST PACKER & CSG & 3 1/2" RAMS TO 1000# DOWN CSG, 0 LOSS 15 MIN. PSI TEST PACKER & SCAB LINER & CIBP TO 4000# DOWN TBG O LOSS 15 MIN.
11/5/2012 12:30PM	11/5/2012 1:30PM	RELEASE PACKER, POOH STD BACK 3 1/2" N-80 TBG, L/D PACKER.
11/5/2012 1:30PM	11/5/2012 3:30PM	MIRU PIONEER WIRELINE SERVICES, P/U & RIH W/ 2 3/4" HSC GUN , 3 SPF 120 DEG PHASING W/ 15 GRAM CHARGES. PERF 1ST STAGE FROM 7612' - 7708' ,AS PER DESIGN. W/ 69 TOTAL SHOTS. POOH, R/D WIRELINE
11/5/2012 3:30PM	11/5/2012 5:30PM	P/U WEATHERFORD 5" AERO SET PACKER, RIH ON 1 JT 2 7/8" P-110, 73 JTS 3 1/2" P-110 TBG, SET @ 2336'. PSI TEST CSG & PKR TO 1000#, 0 LOSS 15 MIN INSTALL FRAC VALVE. SWIFN 2% KCL PUMPED = 30 BBLS PROPANE USED = 1500 GAL DIESEL USED = 84 GAL

3 Daily Cost

3.1 Cost Details

3 Daily Cost (Continued)

Vendor	Item	Code	Amount ($)	Cumulative Cost ($)
KEY ENERGY SERVICES INC	KEY # 30	125	5,676.00	5,676.00
WILLIES HOT OIL SERVICE	PROPANE	131	2,310.00	7,986.00
SHIELDS TRUCKING INC	2% KCL & TRUCKING	133	2,500.00	10,486.00
EL PASO E & P COMPANY LP	FILTER POT	133	75.00	10,561.00
DALBO INC	FRAC TANKS	134	800.00	11,361.00
GRACO FISHING & RENTAL TOOL INC	BOPS, 3 1/2" ELEVATORS	154	550.00	11,911.00
CROZIER OILFIELD SERVICES INC	SANITATION	155	125.00	12,036.00
HS RENTALS INC	LIGHT PLANTS (2)	155	250.00	12,286.00
PROPETRO SERVICES INC	PUMP CMT	161	0.00	12,286.00
WILLIES HOT OIL SERVICE	HOT OILER 2 SUPER HEATERS	162	2,775.00	15,061.00
WEATHERFORD INTERNATIONAL INC (EVI	5" CBPS	163	0.00	15,061.00
PIONEER OIL FIELD SERVICES LLC	PERF 1ST STAGE	192	7,000.00	22,061.00
RON JENKINS TRUCKING INC	HAUL TBG & PIPE RACKS	201	0.00	22,061.00
DALBO INC	MOVE FRAC TANKS	201	0.00	22,061.00
WATKINS ENTERPRISES (ELDON WATKINS)	HOT SHOT	201	420.00	22,481.00
C & J CONTRACT PUMPING & WELL SITE INC	CONSULTANT	212	1,000.00	23,481.00
BENCO OIL SERVICES INC	PULL TEST ANCHORS	241	0.00	23,481.00
PIPE RENEWAL SERVICE INC	SCAN TBG	253	0.00	23,481.00
WEATHERFORD INTERNATIONAL INC (EVI	PACKER & SUPERVISOR	163	2,257.00	25,738.00
NABORS WELL SERVICES COMPANY (NABORS WELL	HYDRAULIC CAT WALK	252	750.00	26,488.00
EL PASO E & P COMPANY LP	3 1/2" TBG	151	437.00	26,925.00
RIG 1 INC	SHOWER STATION	155	0.00	26,925.00
PLATINUM ENERGY SOLUTIONS INC (PLATINUM	PUMP ACID	193	0.00	26,925.00
SHIELDS TRUCKING INC	BRINE WATER	133	0.00	26,925.00
WEATHERFORD INTERNATIONAL INC (EVI	3 1/2" FRAC VALVE	154	0.00	26,925.00

EP ENERGY

Recompletion Prognosis

Convert to SWD
Belcher 2-33B4

API #: 430-13-30907
Sec. 33, T2S – R4W
Altamont - Bluebell Field
Duchesne County, Utah

AFE # Pending

Version #1

Objective : Convert well to a salt water disposal (SWD) well injecting into perforations within the Upper Green River formation. (Requested Permitted Interval is from 4142' – 6095').

Prepared by: _____ _____
DAVID BERCEGEAY Date

Approved by: _____ _____
IVA TOMOVA Date

Approved by: _____ _____
DENNIS SCHMITT Date

Approved by: _____ _____
MICHAEL KING Date

Distribution (Approved copies):
David Bercegeay
Iva Tomova
Dennis Schmitt
Michael King
Joe Sager
Troy Anderton

COMPANY PERSONNEL

Title	Name	Office	Mobile
Sr. Contract Production Engineer	David Bercegeay	(713) 997-5741	(337) 298-8084
Sr. Production Engineer	Iva Tomova	(713) 997-3330	(720) 233-2408
Production Manager	Michael King	(713) 997-4780	(713) 253-7457
Sr. Facility Engineer	Dennis Schmitt	(713) 997-5784	(832) 349-2455
Sr. Geologist	Zachary Wessel	(713) 997-5476	(740) 590-2516
Production Supt.	Joseph Sager	(435) 454-4245	(435) 823-1488
Production Foreman	Troy Anderton	(435) 454-3394	(435) 544-4229

Tubular Data

String	Description	Burst (psi) 100%	Col (psi) 100%	Body Yield (100lbs)	Joint Yield (100lbs)	ID (in.)	Drift (in.)	TOC
Surface Casing	9-5/8" 36# K-55 @ 2,525'	3520	2020	564	423	8.921	8.765	Surface
* Production Casing	7" 26# N-80 LT&C @ 9,997'	7240	5410	604	519	6.276	**6.151**	6400' CBL
Liner	5" 18# P110 @ 12,245 – 9,801'	13620	13450	580	495	4.276	4.151	
* Scab Liner	5" 18# N80 @ 9,801' - 2,307'	10140	10490	422	396	4.276	**4.151**	TOL 2307'
Production Tubing (Work String)	2-7/8" 6.5# N-80 EUE 8rd EOT @ 7851' (See WBD - TBG Detail)(or use 2 3/8" PH6 workstring)	10570	11160		145	2.441	2.347	TOL 9801'
Proposed Injection Tubing	2-7/8" 6.5# J55 EUE T&C **Internally Coated** IPC 1505 w/Packer@ **4050'**	7260	7680		99.66	2.441	2.347	

NOTE: Max. Collar OD on 2 7/8"EUE 8rd is 3.668" (4.276-3.668=.602/2=**.301"**) (Consider utilizing 2 3/8 PH6 work string inside 5" liner if an increase in milling activity is required)

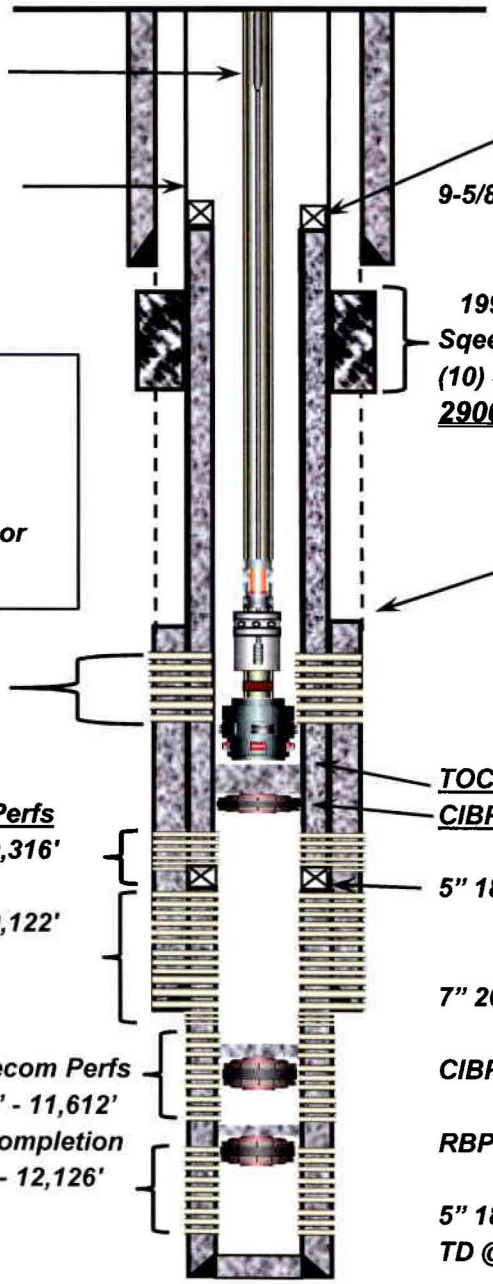
Present wellbore condition

The well is completed through perforations in the Lower Green River @ 6786' – 7708' (2013). It was tested extensively and produced non-commercial hydrocarbons. This procedure is written to convert the well to a SWD well injecting into the Upper Green River from 4142' – 6095'.

EP ENERGY

Present Pumping Schematic as of December 31, 2013

Company Name:	*EP Energy*	**Last Updated:**	*January 13, 2014*
Well Name:	***Belcher 2-33B4***	**By:**	*DSB*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*12,284'*
API No. :	*430-13-30907*	**BHL:**	
Producing Zone(s):	*Wasatch & LGR*	**Elevation:**	*6179*



GL – 6,179'

KB – 20'

239 Jts 2 7/8" 6.5# N-80 8rd

1000 PSI ABOVE
(11/5/12) CSG TESTED @ 2339'
4000 PSI BELOW

1997
Top of Scab Liner @ 2,307'
(CEMENTED TO TOL)
(NO CBL RUN)
9-5/8" 36# K-55 Surface csg @ 2,525'
(CEMENTED TO SURFACE)
(NO CBL RUN)

1995
Sqeezed Holes from 2745' to 4154'
(10) - Sqeeze procedures
2900+ Sacks of cement pumped
(NO CBL RUN)

Tubing Anchor @ 7,615'
4 Jts 2 3/8" Tubing
Seating Nipple @ 7,750'
4' x 2-3/8" Tubing Sub
3-1/2" x 33' PBGA
2 jts 2-3/8" N-80 Mud Anchor
Solid Plug
EOT @ 7,851'

CBL - TOC @ 6400'
(Ratty Bonding to 6400')
(Good Bonding to 7050')

GR Recom Perfs - Nov '12
6,786' - 7,069' - 23'/69 Holes
7,126' - 7,340' - 23'/69 Holes
7,612' - 7,708' - 23'/69 Holes

TOC @ 7,900'
CIBP @ 8,000' w/100' Cement

2008 Recom Perfs
8,300' - 9,316'
9,369' - 10,122'

5" 18# N-80 scab liner @ 9801'

7" 26# N-80 @ 9997'

Recom Perfs
10,084' - 11,612'

CIBP @ 10,130' w/5' sand & 5' Cement

Original Completion
11,200' - 12,126'

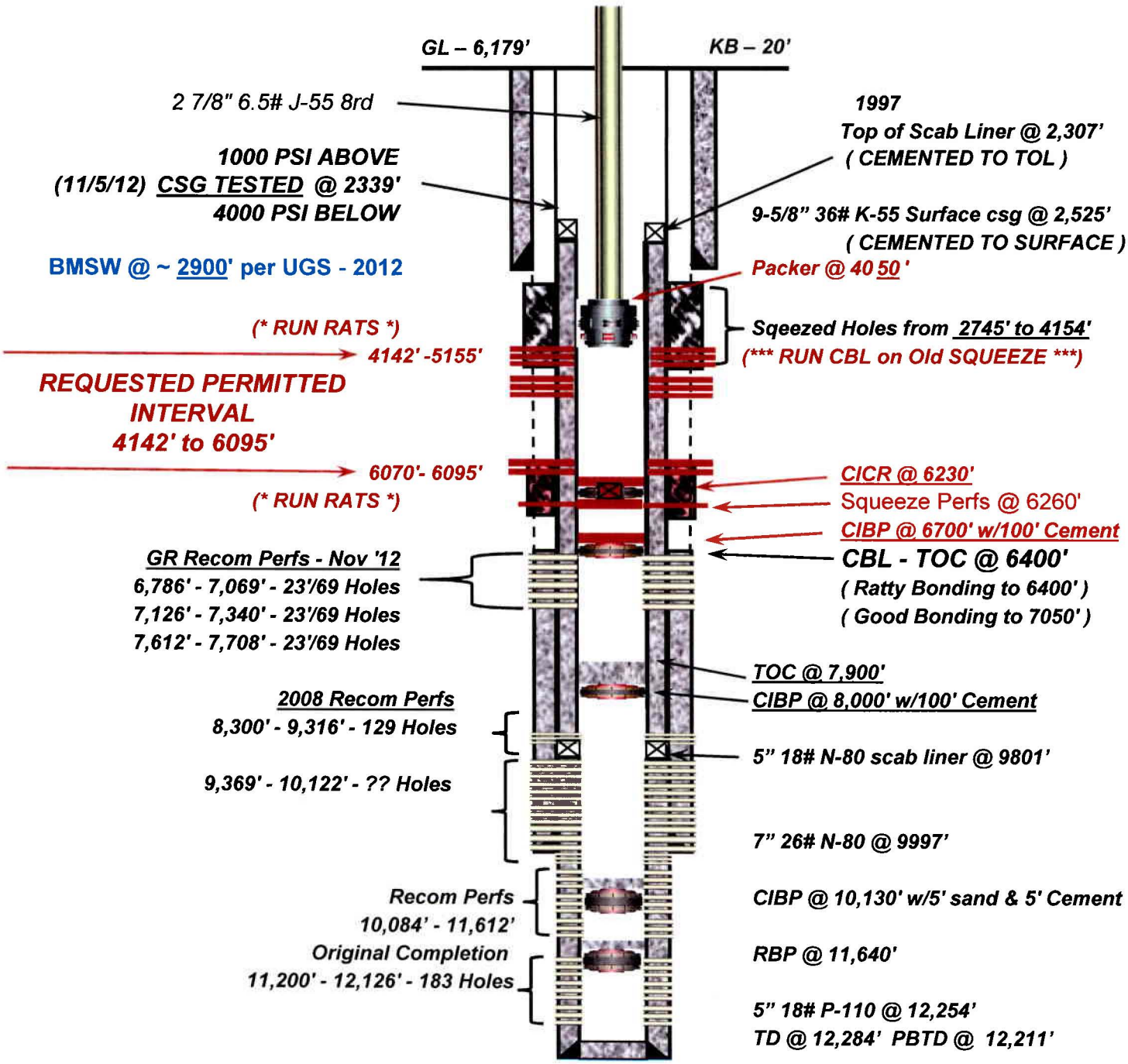
RBP @ 11,640'

5" 18# P-110 @ 12,254'
TD @ 12,284' PBTD @ 12,211'

EP ENERGY

PROPOSED SWD CONVERSION

Company Name:	*EP Energy*	**Last Updated:**	*March 27, 2014*
Well Name:	***Belcher 2-33B4 SWD***	**By:**	*DSB*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*12,284'*
API No. :	*430-13-30907*	**BHL:**	
Producing Zone(s):	*Wasatch & LGR*	**Elevation:**	*6179*



Belcher 2-33B4 SWD

Completion Prognosis
PERMITTED INTERVAL FROM
4142' TO 6095'

Procedure

1. Notify Dan Jarvis w/ UDOGM @ 801-538-5338 and BLM of SWD Conversion operations at least 24 hours prior to start of well work (See Contact List).
2. MIRU work-over rig. Fill tanks with clean lease Salt water. RU Hot Oil Unit and pump hot lease SW down casing to heat up tubing. Unseat pump and flush tubing & rods with hot water. POOH laying down rods & pump.
3. Send pump in for inspection & rebuild. ND tree and NU and test BOP's to 5,000# for 10 minutes. Have test recorded and chart signed and dated by well site supervisor. Record BOP serial number.
4. Release tubing anchor at 7,615' and POOH w/ 2-7/8" tbg, scanning for tubing for wear. Lay out all bad joints. Check for NORM (*If no NORM is found, note it in the daily report; If NORM is found in the tubing; Follow EP Energy procedures and chain of custody paperwork for handling, wrapping and transporting NORM tubing to a proper cleaning or disposal site).
5. MIRU E-line, RIH w/ Gauge Ring (check min setting OD on CICR & CIBP to be run in 5"-18# to 6,700'), if hole gauges to 6,700' then RD E-line and proceed to Step 7, otherwise continue with procedure.
6. PU 4 1/8" Flat Bottom Mill (or 4 1/8" tri-cone rock bit & bit-sub), 5"- 18# casing scraper, 4 - 3 ½" Spiral drill collars on 2 7/8" tubing (or 2-3/8 workstring). Work down to top of perforations @ 6750' and circ until returns are clean (If perforations take fluid, mix 10 bbl HEC pills and circulate around or spot as required) POOH.

Plug #1

7. PU & MU a 5"-18# mechanical set CIBP on the work-string and TIH to ±6,700'. Set CIBP @ ±6,700' (above top perfs @ 6,786'). Get off of CIBP & establish circulation.
8. Mix and circulate (± 20.5 sacks) (± 3.85 bbl) of 16.4ppg 1.05 yield Class G cement and lay in a ±100' balanced cement plug on top of the CIBP. POOH 5 stands and reverse hole clean. WOC.
9. Test casing & CIBP to 1000# watch for leak off for 30 min. With good test – POOH.

BOTTOM INJECTION ZONE - (6070'-6095')(ZONE A)

Squeeze & Plug #2

10. RU E-line; PU & MU a perforation assembly; Test lubricator to 1000 psig; RIH to ±6,260'; Pressure up to 500 psig on casing and perforate SQZ perfs in casing at ±6,260' (Correlate with CBL/CCL of 11/2/84 to avoid shooting casing collars) POOH.
11. Close BOP and Establish injection into perforations to 1000psi. If sufficient injection rate can be established, RD ELU and continue with procedure. If an acceptable injection rate cannot be established, contact Houston office for instructions.

12. PU & MU a 5"- 18# CICR (mechanical set cement retainer) on the work-string; TIH to ±6,230'; Set cement retainer @ ±6,230'. Establish circulation or injection into perforations. If sufficient injection rate can be established continue with procedure. If an acceptable injection rate cannot be established, contact Houston office for instructions.
13. Mix and circulate (± 200 sacks) (± 37.5 bbl) of 16.4ppg 1.05 yield Class G cement. Squeeze perfs below the cement retainer with as much cement as possible and attempt to get a running squeeze by staging cement. Sting out of the cement retainer and spot a balanced 70' plug on top of CICR (± 13.3 sacks) (± 2.5 bbl). POOH (3) stands and reverse circulate the hole clean keeping circulating pressure below final squeeze pressure, once hole is clean, WOC & TIH and tag plug to ensure enough rat hole for #14 below (Need 40' min rat hole for GR), POOH.
14. RU E-line; PU & MU a CBL/CCL/GR (***GR at very bottom of tool assembly***) and run same across zone of bottom & top perfs (4136'± 500' and from TOC @ CICR (±6,160') to 500' above) in order to obtain a reference CBL and ***a base line GR as per Radioactive Tracer Survey guidelines***. (See guidelines attached) Review results with UDOGM representatives and Houston office for further requirements and procedures.
15. PU & MU a perforation assembly; Test lubricator; RIH to ±6,095'; Pressure up to 500 psig on casing and perforate casing (ZONE A) at ±6,090'-6,095' & ±6,070'-6,075' (or as directed by UDOGM and Houston office per #14 above) (Correlate with CBL/CCL to avoid shooting 7" & 5" casing collars) POOH.
16. PU WL Re-entry guide, (2) jts tbg and 5" MR Packer, TIH and set packer @ 5900'. Establish an injection rate into perforations to 1000psi. If sufficient injection rate can be established to perform RATS as per guidelines, continue with procedure. If an acceptable injection rate cannot be established, contact Houston office for instructions. (May have to Acidize perforations)
17. MU & RU Swab unit and swab clean, quality, formation water sample from (ZONE A) comingled perfs @ ±6,090'-6,095' & ±6,070'-6,075' and send into lab for 24hr analysis.

RADIOACTIVE TRACER SURVEY (RATS) ON (BOTTOM) OF PERMITTED INTERVAL (6095')
(Notify UDOGM and BLM representatives 48 hours prior to performing the RATS)

18. RU E-line; PU & MU the RATS assembly and perform RATS at 1000 psig equivalent (MASIP) injection pressure as per UDOGM Guidelines.
19. Once an acceptable RATS has been performed, proceed with the remaining operations below. If UDOGM acceptable RATS cannot be obtained, contact Houston for further instruction. (Repeat the procedures for Squeeze & Plug #2 above utilizing the present perforations (±6,090'-6,095' & ±6,070'-6,075') as the squeeze perforations and then drill out (utilizing BOA in #6 above) down to Original CICR @ 6140' and repeat RATS again after re-perforating ±6,090'-6,095' & ±6,070'-6,075' as per instruction from Houston).
20. Once an acceptable RATS has been performed, proceed with the remaining operations below.
21. POOH.

TOP INJECTION ZONE (4142'- 5155')(ZONE B, C & D)

(ZONE B) (4972 - 5155')

22. RU E-line & MU a 5"- 18# CBP (Drillable Bridge Plug), test lubricator to 1000 psig TIH and set CBP @ ±5,300' and POOH.
23. Close BOP and test CBP to 1000 psig.
24. RU E-line perforators and perforate the Upper Green River with 3-3/8 Tag gun (3 SPF/120 degree - High Gram Premium charges) as follows (ZONE B)(4972'-5155'):

BELCHER 2-33B4 - PROPOSED SWD PERFS

TOP & BOTTOM INJECTION ZONES

Open Hole Reference Log: (Dual Induction - SFL)

(Run : Sep-6-84)

Top	Bottom	Feet	Shots	4-H2O Samples/4-Acid Jobs		
TOP ZONE				4050'	PACKER	
4142	4148	6	18	RATS		
4152	4156	4	12			
4216	4220	4	12			
4234	4238	4	12			
4256	4262	6	18			ZONE D
4276	4284	8	24			
4330	4338	8	24			
4382	4386	4	12			
4392	4396	4	12			
4452	4456	4	12	4520'	CBP	
4546	4550	4	12		PLUG	
4622	4626	4	12			
4710	4716	6	18			ZONE C
4774	4782	8	24			
4858	4862	4	12	4930'	CBP	
4972	4976	4	12		PLUG	
4980	4984	4	12			
5050	5056	6	18			
5074	5080	6	18			ZONE B
5104	5110	6	18			
5118	5122	4	12			
5142	5148	6	18			
5150	5155	5	15	5300'	CBP	
TOP ZONE TOTALS					PLUG	
23	**1013**	**119**	**357**			
Zones	**Gross**	**Net**	**Shots**			
BOTTOM ZONE						
6070	6075	5	15			ZONE A
6090	6095	5	15	RATS		
BOTTOM ZONE TOTALS				6140'	CICR	
2	**20**	**10**	**30**			
Zones	**Gross**	**Net**	**Shots**			

BOTH ZONE TOTALS			
25	**1953**	**129**	**387**
Zones	**Gross**	**Net**	**Shots**

25. RD E-line
26. PU WL Re-entry guide, (2) jts tbg and 5" MR Packer, TIH and set packer @ 4930'. Establish an injection rate into perforations to 1000psi.
27. MU & RU Swab unit and swab clean, quality, formation water sample from comingled perfs (ZONE B) @±4972'-5155' and send into lab for 24hr analysis (UDGOM & Acid vendor test).
28. MU & RU Acid unit and acidize (ZONE B) perfs with 5000 gal of acid per Acid vendors bid and recommendations.
29. POOH

(ZONE C) (4546'- 4862')

30. RU E-line & MU a 5"- 18# CBP (Drillable Bridge Plug), test lubricator to 1000 psig TIH and set CBP @ ±4,930 and POOH.
31. Close BOP and test CBP to 1000 psig.
32. RU E-line perforators and perforate the Upper Green River with 3-3/8 Tag gun (3 SPF/120 degree - High Gram Premium charges) as follows (ZONE C)(4546'-4862'):
33. RD E-line.
34. PU WL Re-entry guide, (2) jts tbg and 5" MR Packer, TIH and set packer @ 4420'. Establish an injection rate into perforations to 1000psi.
35. MU & RU Swab unit and swab clean, quality, formation water sample from comingled perfs (ZONE C) @±4546'-4862' and send into lab for 24hr analysis (UDGOM & Acid vendor test).
36. MU & RU Acid unit and acidize (ZONE C) perfs with 5000 gal acid per Acid vendors bid and recommendations..
37. POOH

(ZONE D) (4142' – 4456')

38. RU E-line & MU a 5"- 18# CBP (Drillable Bridge Plug), test lubricator to 1000 psig TIH and set CBP @ ±4,520 and POOH.
39. Close BOP and test CBP to 1000 psig.
40. RU E-line perforators and perforate the Upper Green River with 3-3/8 Tag gun (3 SPF/120 degree - High Gram Premium charges) as follows (ZONE D) (4142'-4456'):
41. RD E-line.
42. PU WL Re-entry guide, (2) jts tbg and 5" MR Packer, TIH and set packer @ 4050'. Establish an injection rate into perforations to 1000psi.
43. MU & RU Swab unit and swab clean, quality, formation water sample from comingled perfs (ZONE D) @±4142'-4456' and send into lab for 24hr analysis (UDGOM & Acid vendor test).
44. MU & RU Acid unit and acidize (ZONE D) perfs with 5000 gal acid per Acid vendors bid and recommendations.

RADIOACTIVE TRACER SURVEY (RATS) ON (TOP) OF PERMITTED INTERVAL (4142')
(Notify UDOGM and BLM representatives 48 hours prior to performing the RATS)

45. RU E-line; PU & MU the RATS assembly and perform RATS at 1000 psig equivalent (MASIP) injection pressure as per UDOGM Guidelines.
46. Once an acceptable RATS has been performed, proceed with the remaining operations below. If UDOGM acceptable RATS cannot be obtained, contact Houston for further instruction. (Set CBP @ 4200' & Squeeze perforations (4142'-4156') and then drill out (utilizing BOA in #6 above) down to Original CICR @ 6140' and repeat RATS again after re-perforating (4142'-4156') as per instruction from Houston.

47. Once an acceptable RATS has been performed, POOH and proceed with the remaining operations below.
48. PU 4 1/8" Flat Bottom Mill (or 4 1/8" tri-cone rock bit & bit-sub), 5"- 18# casing scraper, 4 - 3 ½" Spiral drill collars on 2 7/8" tubing (or 2-3/8 PH6 workstring). Drill out CBP's and work down to top of CICR @ 6140' and circ until returns are clean (If perforations take fluid, mix 10 bbl HEC pills and circulate around or spot as required, keep hole full and POOH.
49. PU WL Re-entry guide, (2) jts 2 7/8" tbg and a (NEW) 5"-18# - MR Packer, 1900' of 2 7/8 & ~2150' of 3 ½ coated tubing), TIH, space out and set packer @ 4050'. Test backside per UDOGM Mechanical Integrity Test (1050 psig / 30 min), notify UDOGM 24hr before step #51 below.
50. ND BOP & NU Tree, test backside per UDOGM Mechanical Integrity Test (1050 psig / 30 min) and have witnessed by UDOGM representative. Establish an injection rate into perforations and perform a STEP RATE TEST (SRT) as per UDOGM guidelines attached to establish injection profile and MAIP.

EP Energy CBL-CCL-GR-RATS Distribution List

Distribution	5" Prints	Final Electronic File
EP Energy LLC. 1001 Louisiana Ave. Houston, TX 77002 ATTN: David Bercegeay/Iva Tomova	2 (Color)	
David.Bercegeay@epenergy.com Micheal.King@epenergy.com Ivayla.Tomova@epenergy.com Troy.Anderton@epenergy.com		1 LAS 1 PDF
EP Energy LLC. 17790 West 3750 North Altamont, Utah 84001 ATTN: Troy Anderton	1 (Color)	
Utah Division of Oil, Gas & Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84116-3154 ATTN: Brad Hill	1 (Black & White)	
Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, UT 84078 ATTN: Michael Lee	1 (Black & White)	
TOTAL	**5**	**1**

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.2-2.4
EVALUATIONS LOG

On file with UDOGM

Utah Oil and Gas
Division of Oil, Gas and Mining - Department of Natural Resources

Oil & Gas Well Log Search

API Well Number LIKE 4301330907 Submit AND Reset Form Export to CSV

*Download Time is estimated for 56 Kb Dialup. Your time may vary. (Click on column headers to sort data)

API Well Number	Log Information							Current Well Information							
	Log Type	Min. Depth	Max. Depth	File Size	Available Logs		Time*	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Section
43-013-30907	CEMENT BOND	5900	12192	2,762 KB	View	Download	7 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	COMPUTER	9998	12247	1,249 KB	View	Download	3 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	NEUTRON DENSITY	6000	12247	5,296 KB	View	Download	13 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	OTHER	100	4232	3,521 KB	View	Download	9 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	OTHER	11000	12198	727 KB	View	Download	2 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	RESISTIVITY	2500	12244	6,147 KB	View	Download	15 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	RESISTIVITY	2485	12244	3,541 KB	View	Download	9 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	SAMPLE LOG	5000	8600	5,233 KB	View	Download	13 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33
43-013-30907	SAMPLE LOG	8600	12250	5,587 KB	View	Download	14 Min	EP ENERGY E&P COMPANY, L.P.	BELCHER 2-33B4	Oil Well	Shut-In	ALTAMONT	DUCHESNE	2S-4W	33

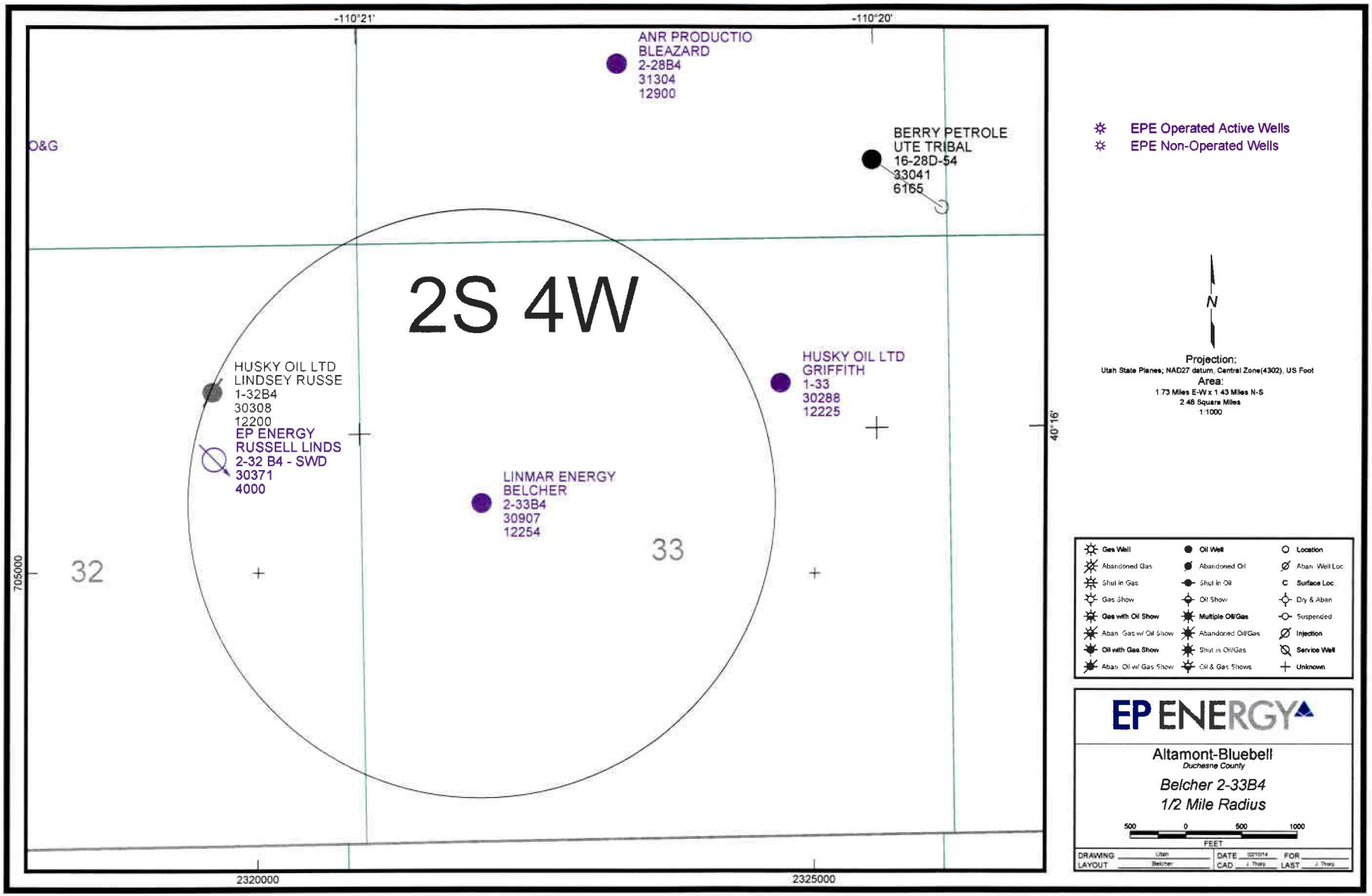
RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.8-2.9
INJECTION PRESSURES FRACTURE PREVENTION

Shall be determined and base on final Step Rate Test Pressures

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.11
½ MILE RADIUS WELL MECHANICAL REVIEWS

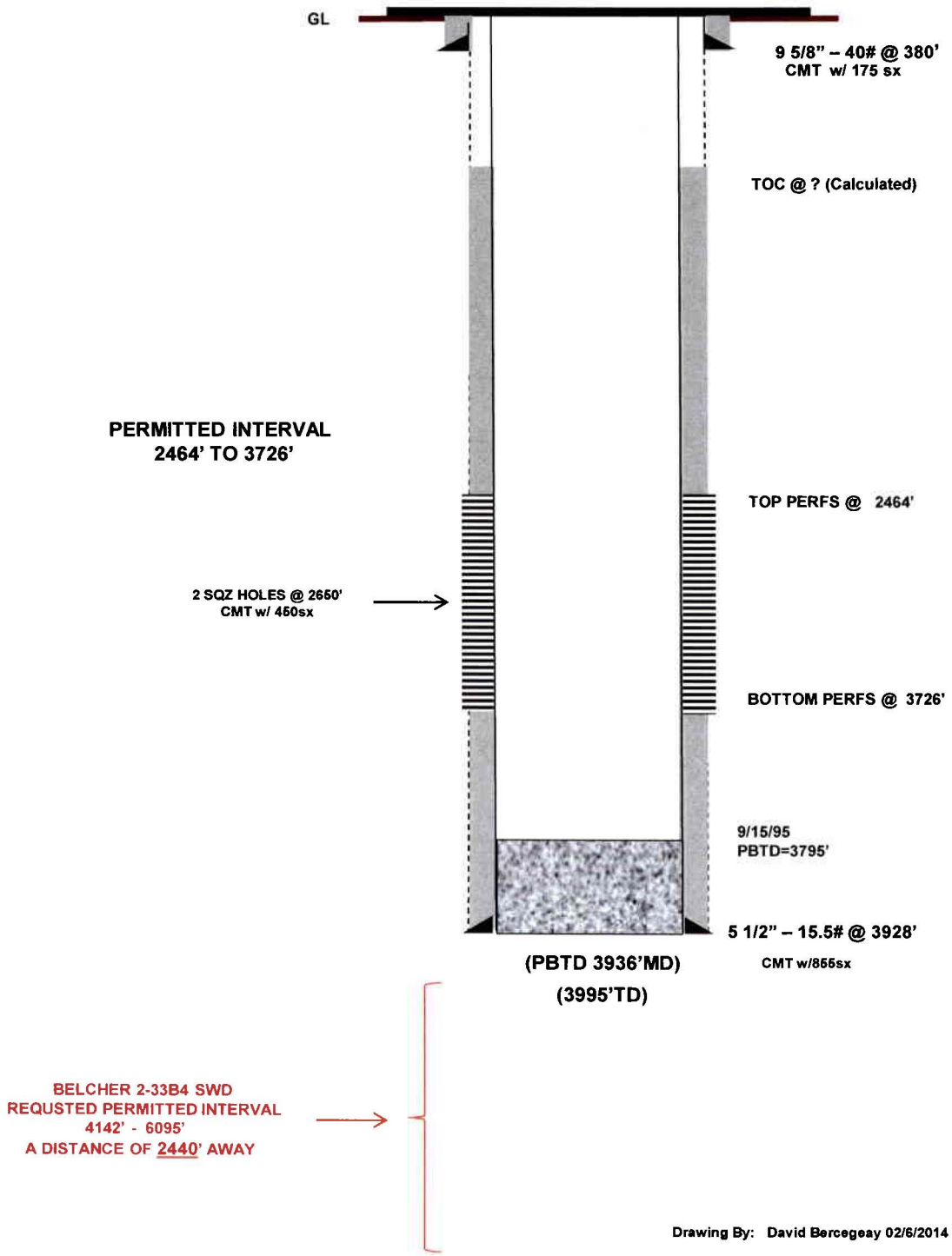

-110°21'
-110°20'
ANR PRODUCTIO
BLEAZARD
2-28B4
31304
12900
O&G
BERRY PETROLE
UTE TRIBAL
16-28D-54
33041
6155
2S 4W
HUSKY OIL LTD
LINDSEY RUSSE
1-32B4
30308
12200
EP ENERGY
RUSSELL LINDS
2-32 B4 - SWD
30371
4000
HUSKY OIL LTD
GRIFFITH
1-33
30288
12225
LINMAR ENERGY
BELCHER
2-33B4
30907
12254
32
33
40°16'
705000
2320000
2325000
EPE Operated Active Wells
EPE Non-Operated Wells
N
Projection:
Utah State Planes; NAD27 datum, Central Zone(4302), US Foot
Area:
1.73 Miles E-W x 1.43 Miles N-S
2.48 Square Miles
1:1000
Gas Well
Abandoned Gas
Shut in Gas
Gas Show
Gas with Oil Show
Aban. Gas w/ Oil Show
Oil with Gas Show
Aban. Oil w/ Gas Show
Oil Well
Abandoned Oil
Shut in Oil
Oil Show
Multiple Oil/Gas
Abandoned Oil/Gas
Shut in Oil/Gas
Oil & Gas Shows
Location
Aban. Well Loc.
Surface Loc.
Dry & Aban
Suspended
Injection
Service Well
Unknown
EP ENERGY
Altamont-Bluebell
Duchesne County
Belcher 2-33B4
1/2 Mile Radius
500 0 500 1000
FEET
DRAWING Utah
LAYOUT Belcher
DATE 02/10/14
CAD J. Theis
FOR
LAST J. Theis

EP ENERGY

BELCHER 2-33B4 SWD – (1/2 MILE RADIUS WELL REVIEW EXHIBIT)

NOTE: REVIEW DATA TAKEN FROM UDOGM WELL FILES	**Field:** ALTAMONT	**Lease:** LINDSEY RUSSELL
	County: Duchesne	**Well:** 2-32B4-SWD
	REVIEW NOTES :	API #: 43-013-30308

Current Wellbore Status: **ACTIVE SWD – UIC PERMIT # 139-9.11**



Drawing By: David Bercegeay 02/6/2014

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other SWD Well

b. TYPE OF COMPLETION: NEW WELL XX WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Husky Oil Company of Delaware

3. ADDRESS OF OPERATOR: P. O. Box 380, Cody, Wyoming 82414

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: S½ NE (1919' FNL, 1317' FEL) Sec. 32, T2S, R4W
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Russell

9. WELL NO.: SWDW 2-32 B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 32 T2S, R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO. / DATE ISSUED:

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3-21-75	3-28-75	4-17-75	6145.8 KB, 6134 GL	6136

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4000	3936		→	Total	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2464-3720 (gross interval) Duchesne River - Uinta

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: GHC-GR, DIL, CBL

27. WAS WELL CORED: no

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	40#	380'	12-1/4"	175 sacks	0
5-1/2"	15.5#	3982'	8-1/2"	1305 sacks	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	2412'	2391'

31. PERFORATION RECORD (*Interval, size and number*)
2464-2470, 2548-2558, 2630-2638, 2884-2890, 3054-3062, 3720-3726 (2 holes/ft.)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	none

33.* PRODUCTION

DATE FIRST PRODUCTION:

PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): injecting into SWD well

WELL STATUS (*Producing or shut-in*): shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-17-75			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
500 psig		→			8000 (est.)	

injection

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: Well history report, Cement Bond logs

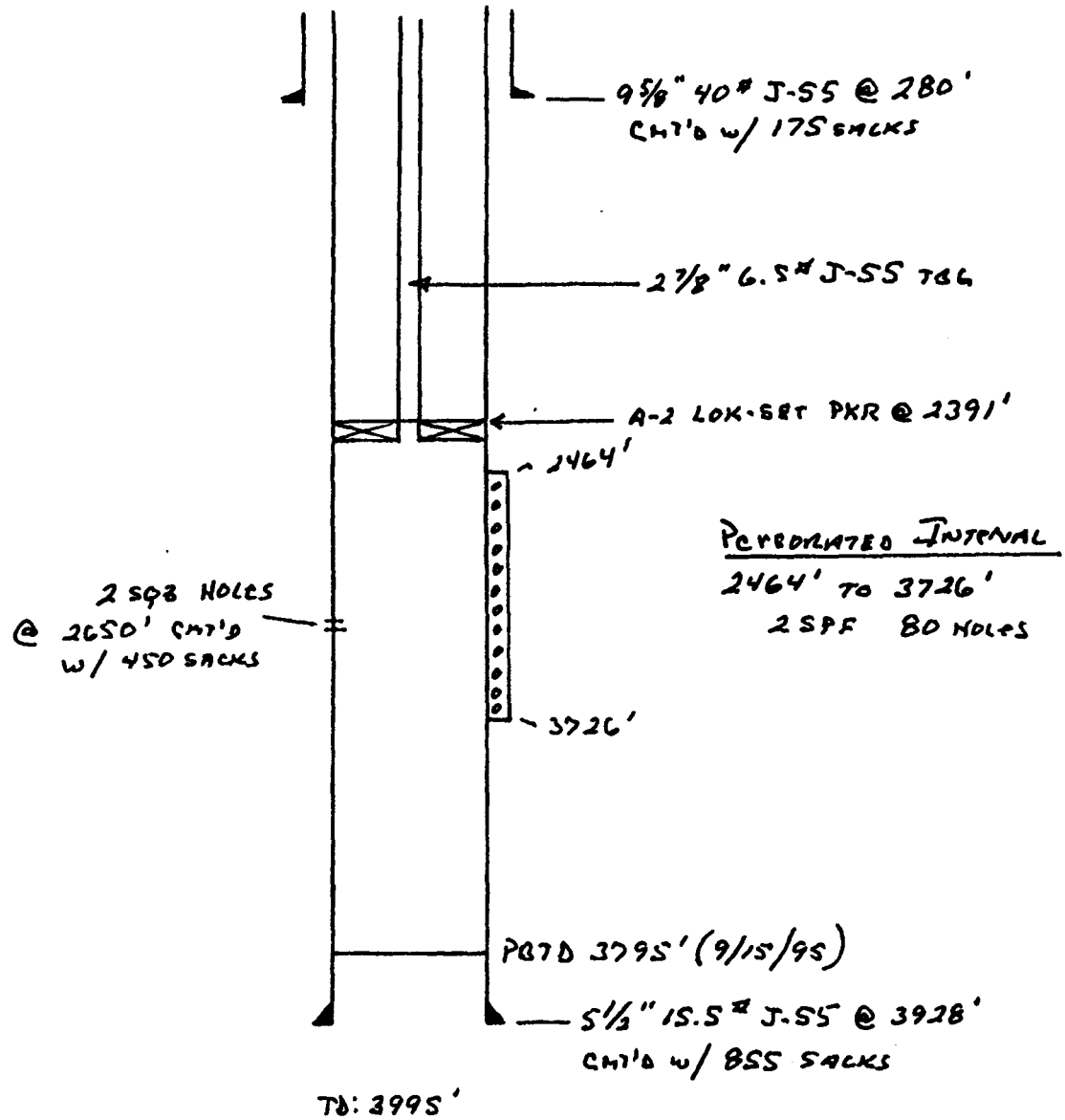
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. Warren Johnston TITLE Senior Engineer DATE 4-24-75

(See Instructions and Spaces for Additional Data on Reverse Side)

PRESENT WELLBORE SCHEMATIC
LINSAY RUSSELL SWD
2-3284

S.C. Prutch
11/13/96

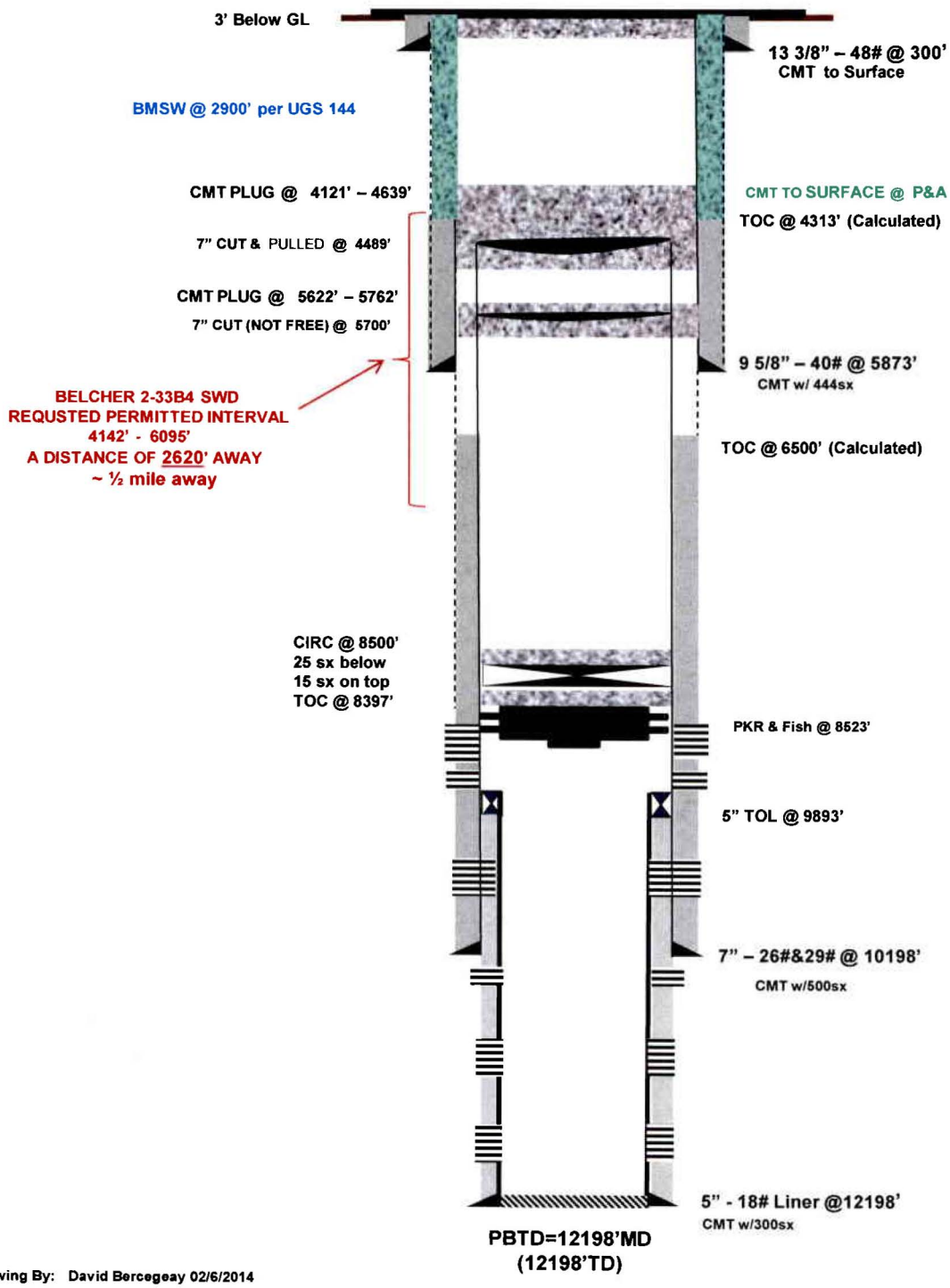


EP ENERGY

BELCHER 2-33B4 SWD – (1/2 MILE RADIUS WELL REVIEW EXHIBIT)

NOTE: REVIEW DATA TAKEN FROM UDOGM WELL FILES	**Field:** ALTAMONT	**Lease:** LINDSEY RUSSELL
	County: Duchesne	**Well:** 1-32B4
	REVIEW NOTES :	**API #: 43-013-30308**

Current Wellbore Status: **P&A in 1996 - (9 5/8 annulus cemented to surface per UDOGM)**



Drawing By: David Bercegeay 02/6/2014

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

SEPTEMBER 10, 1995

STIPULATIONS FOR PLUGGING AND ABANDONMENT
LINDSAY RUSSELL #1-32B4
SECTION 32, TOWNSHIP 02 SOUTH, RANGE 04 WEST
DUCHESNE COUNTY, UTAH
API #43-013-30308

1. Notify DOGM 24 hours prior to plugging.

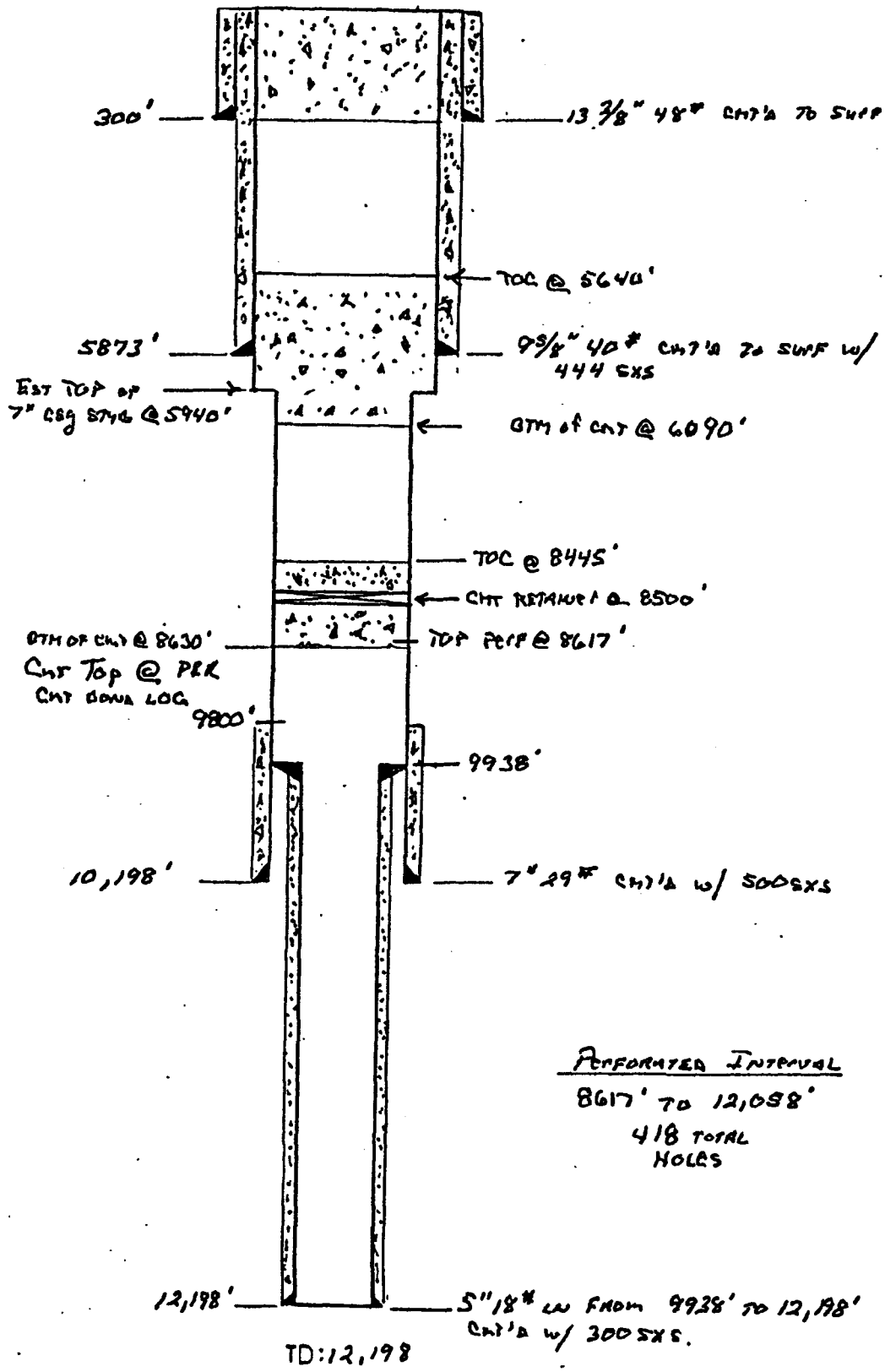
2. Tag plug across stub.

3. Fill all annuli with cement after cutting off casing head.

J.R. Matthews

LINDSAY RUSSELL #1-3284
PROPOSED P+A SCHEMATIC

S.C. Prutch
3/23/95



FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Fee

6. If Indian, Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name: CA #96-000116

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: Lindsay Russell #1-32B4

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-013-30308

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

10. Field and Pool, or Wildcat: Altamont

4. Location of Well

Footages: 1320' FNL & 1320' FEL County: Duchesne

QQ, Sec., T., R., M.: Section 32-T2S-R4W State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- [ ] Abandon
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- [X] Abandon *
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion 7/16/96

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.

RECEIVED
AUG 23 1996
DIV. OF OIL, GAS & MINING

13.

Name & Signature: Sheila Bremer Title Sheila Bremer Environmental & Safety Analyst Date 08/21/96

(This space for State use only)

(5/94) (See Instructions on Reverse Side)

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

LINDSAY RUSSELL #1-32B4 (PLUG & ABANDON)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 78.27% COGC/ANR AFE: 10342/00794
TD: 12,198'
CWC(M$): 58.8

7/17/96 **Well P & A'd.**

7/9-16/96: MIRU Wisco. ND WH, NU BOP. LD 1.90" heat string. Could not work 2⅞" tbg & pkr free. Cut off 2⅞" @ 8520'. Set CICR @ 8502' on tbg. PT csg to 1000#. Est inj rate below ret @ 1½ BPM, 1200#. Roll hole w/9.0 ppg mud. Sqz 25 sk below retainer & leave 15 sk on top (TOC @ 8397'). POH w/tbg. ND BOP & WH. Weld on 7" csg landing jt. Cut csg @ 5700' - would not pull free. Cut csg @ 4500' & LD 109 jt 7". NU BOP & RIH w/2⅞" to 5762'. Spot 25 sk Class 'G' cmt from 5622' to 5762'. POH to 4639'. Spot 215 sk Class 'G' cmt from 4121' to 4639'. POH to 300'. Spot 140 sk Class'G' cmt @ sfc. Cut off WH 3' BGL. Cmt 9⅝"-13⅜" annulus w/130 sk Class 'G' & 9⅝" w/15 sk. Weld on DH marker. P & A witnessed by State of Utah. Well P & A'd 7/16/96. CC: $30,085.

Final Report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
RECORD OF ABANDONMENT OPERATIONS

COMPANY NAME: COASTAL OIL & GAS CORPORATION

WELL NAME: LINDSAY RUSSELL #1-32B4

QTR/QTR: _____ SECTION: 32 TOWNSHIP: 02S RANGE: 04W

COUNTY: DUCHESNE API NO: 43-013-30308

INSPECTOR: DENNIS L INGRAM TIME: _____ DATE: 7/13/96

SURFACE CASING SHOE DEPTH 5873 FEET CASING PULLED YES X NO ____

CASING PULLED: SIZE 7" #23 CUT DEPTH4489' FT/CSG RECOVERED YES

CASING TESTED YES YES NO ___ TESTED TO: 1000 PSI TIME: 10 MIN:

CEMENTING COMPANY: BASIN CEMENTING COMPANY

CEMENTING OPERATIONS: P&A WELL: X

PLUG 1. SET: FROM 8410 FT. TO 8644 FT. TAGGED YES ___ NO X

SLURRY: 8.32 BBLS (40 SXS) "G" NEAT CEMENT AT 15.8 PPG, 1.15 YIELD, 25 SXS BELOW AND 15 ABOVE RETAINER.

PLUG 2. SET FROM 5622 FT. TO 5722 FT. TAGGED YES ___ NO X

SLURRY: 5.2 BBLS (25 SXS) "G" @ 15.8 PPG ACROSS CASING CUT

PLUG 3. SET FROM 4362 FT. TO 4362 FT. TAGGED YES X NO ____

SLURRY: 29.1 BBLS (140 SXS) "G" @ CSG STUB

PLUG 4. SET FROM 4121 FT. TO 4362 FT. TAGGED YES ___ NO ____

SLURRY: 75 SX PLUG "G" TO EXTEND STUB PLUG TO 450' LIKE REQUIRED BY STIP.

SURFACE PLUG: FROM 0 FT. TO 300 FT.

ALL ANNULUS CEMENTED TO SURFACE: YES X NO ____

PLUGGING FLUID TYPE: FORMATION WATER WITH CORROSION INHIBITOR

PERFORATIONS: FROM _____ FT. TO _____ FT.
FROM _____ FT. TO _____ FT.

1 CIBP SET: 7" RETAINER SET AT 8500 FEET

2 CIBP SET: _____

ABANDONMENT MARKER: PLATE: PIPE: YES CORRECT INFORMATION: YES

COMMENTS: COULDN'T RETRIEVE CIBP, CUT TUBING AT 8523 FEET. SET RETAINER AT 8500'. ATTEMPT CASING CUT AT 5700'. NO GO. (PUMP 25 SX PLUG ACROSS SAME). 7" CSG STUB AT 4489. 145 SXS "G" TO FILL ANNULAR W/CEMENT.

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Husky Oil Company of Delaware

3. ADDRESS OF OPERATOR: P. O. Box 380, Cody, Wyoming 82414

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1320 FNL & 1320 FEL, Sec. 32 - T2S - R4W
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Lindsey-Russell

9. WELL NO.: 1-32

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 32 - T2S - R4W

14. PERMIT NO. / DATE ISSUED:

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4/6/74	5/18/74	5/6/74	6166 KB	6147

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
12,200			→	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Wasatch 10,309 to 12,058

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction Laterologs, - BHC - Sonic w/GR, Neutron Density

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	300	17-1/2	~~300 sax~~, 2% cacl	
9-5/8"	40#	5873	~~12-1/4~~	477 sax	?
7"	26-29	~~10198~~	~~8-3/4~~	500 sax	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	9883	12,198	300	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	9860	9860

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION: 6/7/74
PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Flowing
WELL STATUS (*Producing or shut-in*): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/7/74	24	18/64	→	665	1134	0	1705

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1800	0	→				40

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

TEST WITNESSED BY: Glynn Mayson

35. LIST OF ATTACHMENTS: (Logs will be mailed by Schlumberger)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED T. H. Earnest TITLE DISTRICT PRODUCTION SUPT. DATE 6/13/74

*(See Instructions and Spaces for Additional Data on Reverse Side)

2.13
SUNDRY FORM 9

Gather additional data as may be required by UDOM:

CBL, RATS, MIT, Formation Water Samples

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Belcher 2-33B4

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

9. API NUMBER: 4301330907

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2348' FNL & 1085' FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 33 T2S R4W U

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 7/31/2014	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Gather data to convert to SWD
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP requests approval to obtain data to convert this well to a salt water disposal well. The following work is proposed:

1. Isolate producing zone (P&A)
2. Pressure test casing
3. Run cement bond log
4. Perforate 4142'-6095'
5. Swab formation water samples
6. Acidize perforations
7. Perform RATS (top & bottom injection tracer surveys)
8. Run packer (3 1/5" x 2 7/8" coated tubing) to 4050'
9. Perform step rate test to establish injection profile and MAIP

NAME (PLEASE PRINT) Maria S Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 4/18/2014

(This space for State use only)

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
  - minor deepening of an existing well bore,
  - plugging back a well,
  - recompleting to a different producing formation within an existing well bore (intent only),
  - reperforating the current producing formation,
  - drilling a sidetrack to repair a well,
  - reporting monthly the status of each drilling well.

This form is not to be used for <u>proposals</u> to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the <u>results</u> of the following operations:

- completing or plugging a new well,
- reentering a previously plugged and abandoned well,
- significantly deepening an existing well bore below the current bottom-hole depth,
- drilling horizontal laterals from an existing well bore,
- drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,
- recompleting to a different producing formation.

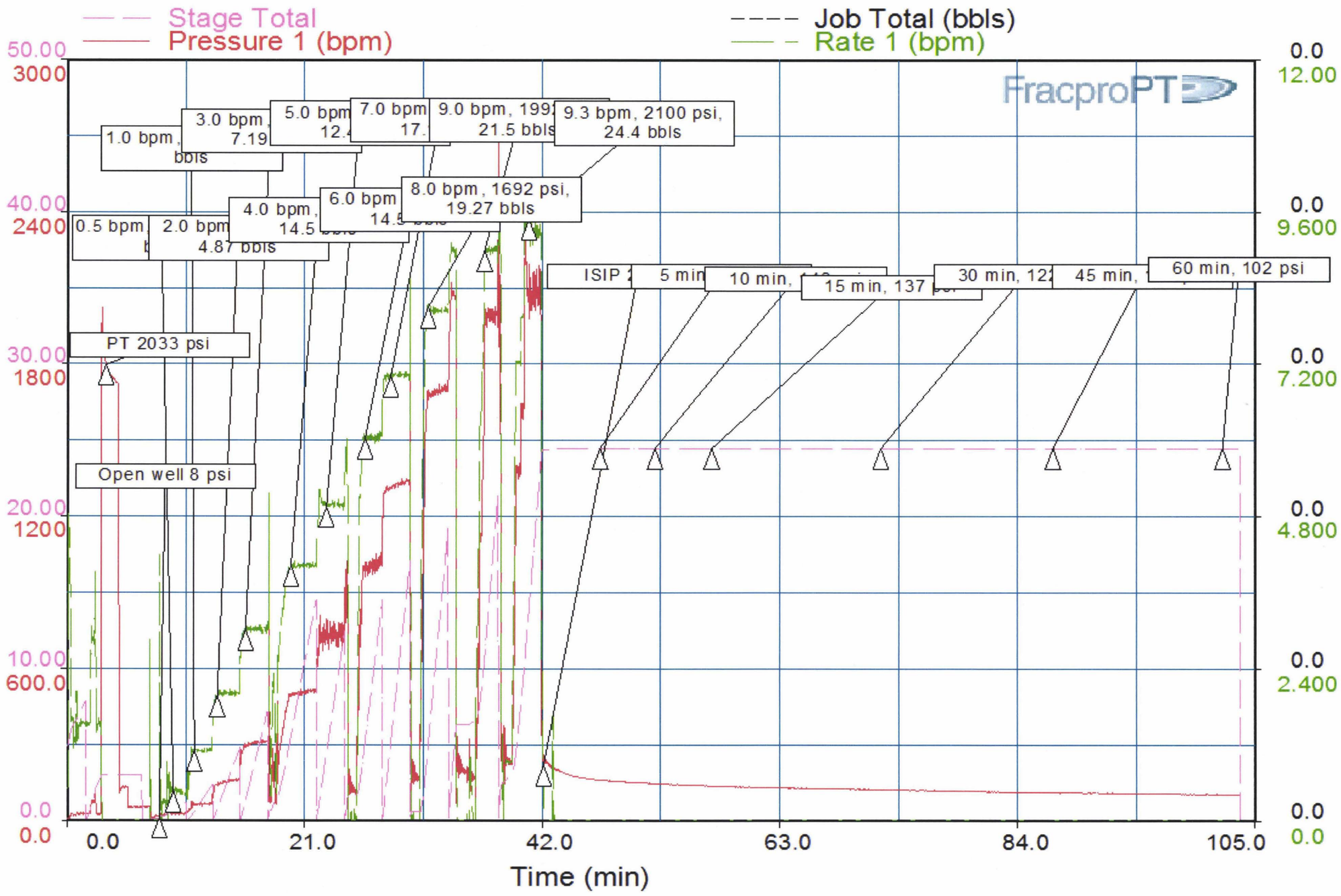
Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

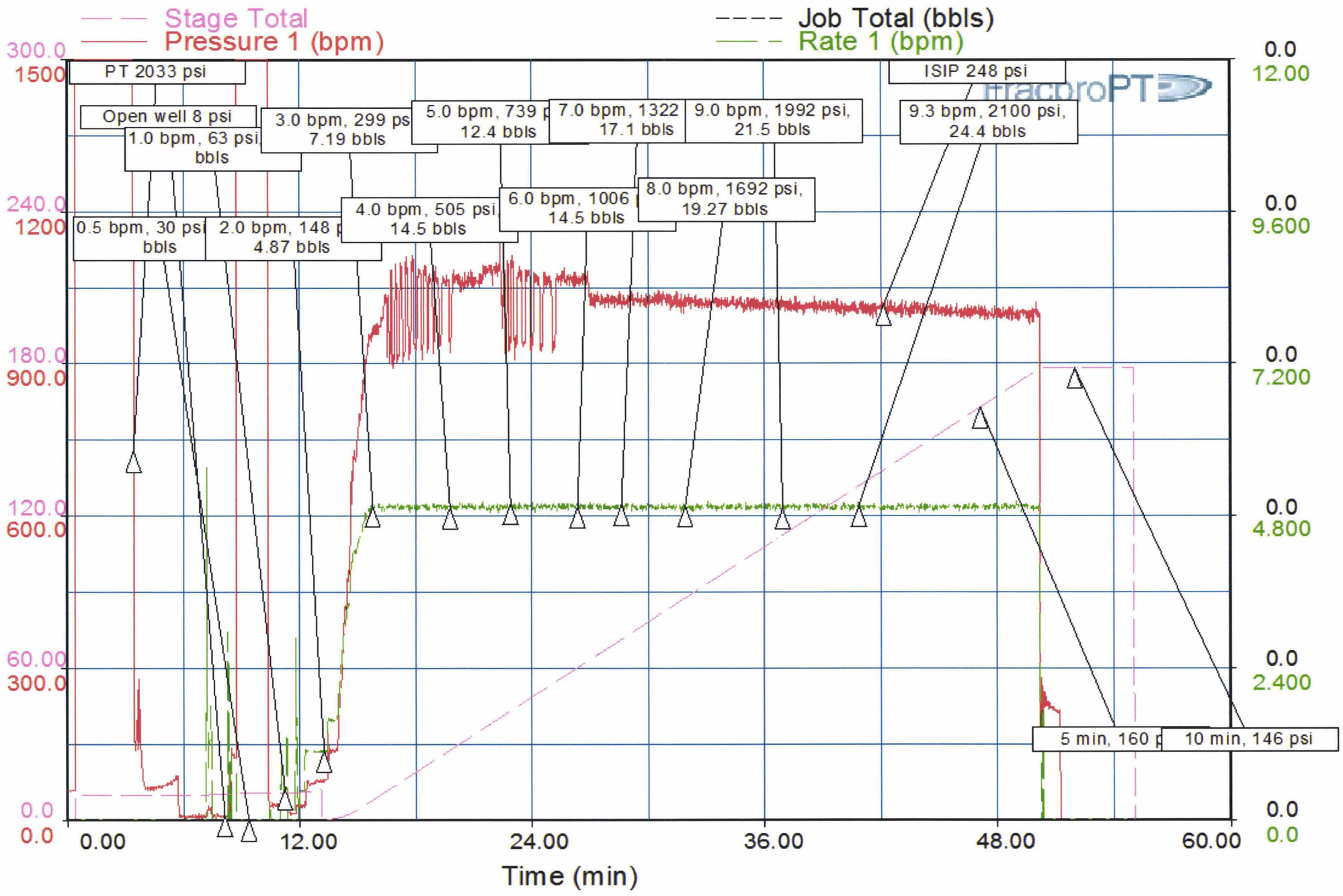
Fax: 801-359-3940

EP Energy
Belcher 2-33B4 DFIT



Treatment data 9-4-14

EP Energy
Belcher 2-33B4 Pumpdown Wireline Tracer



Treatment data 9-5-14

2.12
AFFIDAVIT OF MAILING TO ALL OWNERS

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL

Name of Operator EP ENERGY E&P COMPANY, L.P.	Utah Account Number N 3850	Well Name and Number BELCHER 2-33B4
Address of Operator 1001 LOUISIANA CITY HOUSTON STATE TX ZIP 77002	Phone Number (713) 997-5038	API Number 4301330907
Location of Well Footage : 2348' FNL & 1085' FWL County : DUCHESNE QQ, Section, Township, Range: SWNW 33 T2S R4W State : UTAH		Field or Unit Name ALTAMONT Lease Designation and Number

Is this application for expansion of an existing project?	Yes ☐	No ☑
Will the proposed well be used for: Enhanced Recovery?	Yes ☐	No ☑
Disposal?	Yes ☑	No ☐
Storage?	Yes ☐	No ☑
Is this application for a new well to be drilled?	Yes ☐	No ☑
If this application is for an existing well, has a casing test been performed? Date of test: 11/5/2012	Yes ☑	No ☐

Proposed injection interval: from 4,142 to 6,095

Proposed maximum injection: rate 10,000 bpd pressure 1,000 psig

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

List of attachments: 1/2 MILE RADIUS PLATS, OWNER LIST, WELL REVIEWS & WORK PROG, GEOLOGY REVIEW, EXHIBITS, UTAH DIVISION OF WATER RIGHTS MAP, INJECTION WATER SAMPLES, FORM 9

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) MARIA S GOMEZ Title PRINCIPAL REGULATORY ANALYST

Signature Maria O. Gomez Date 4/11/2014

(5/2002)

INSTRUCTIONS

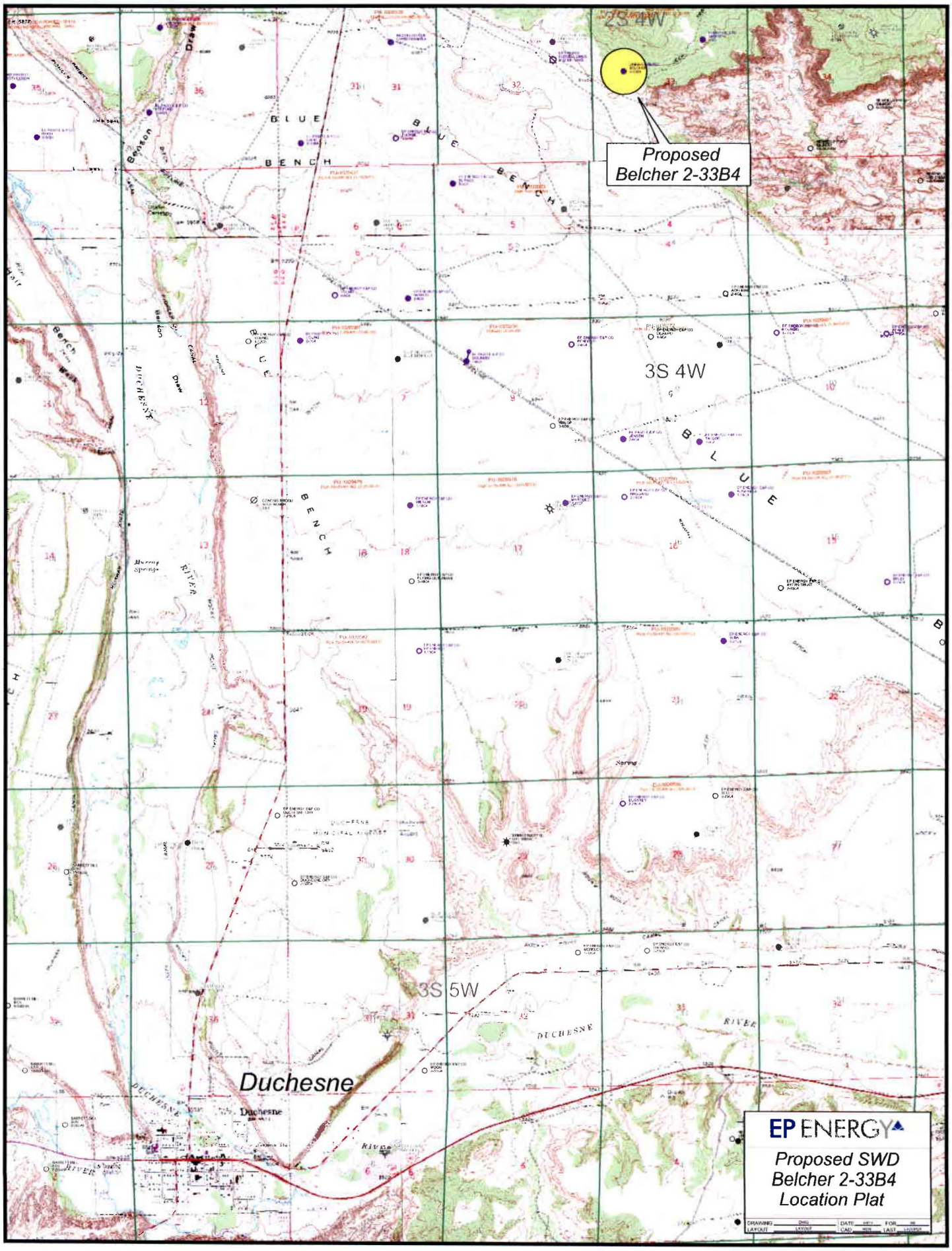
This form shall be submitted by the well operator prior to the commencement of operations for injecting any fluid into a well for the purpose of enhanced recovery, disposal, or storage within the state of Utah, in accordance to the Utah Oil and Gas Conservation General Rules. Approvals or orders authorizing injection wells shall be valid for the life of the well, unless revoked by the board for just cause, after notice and hearing.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

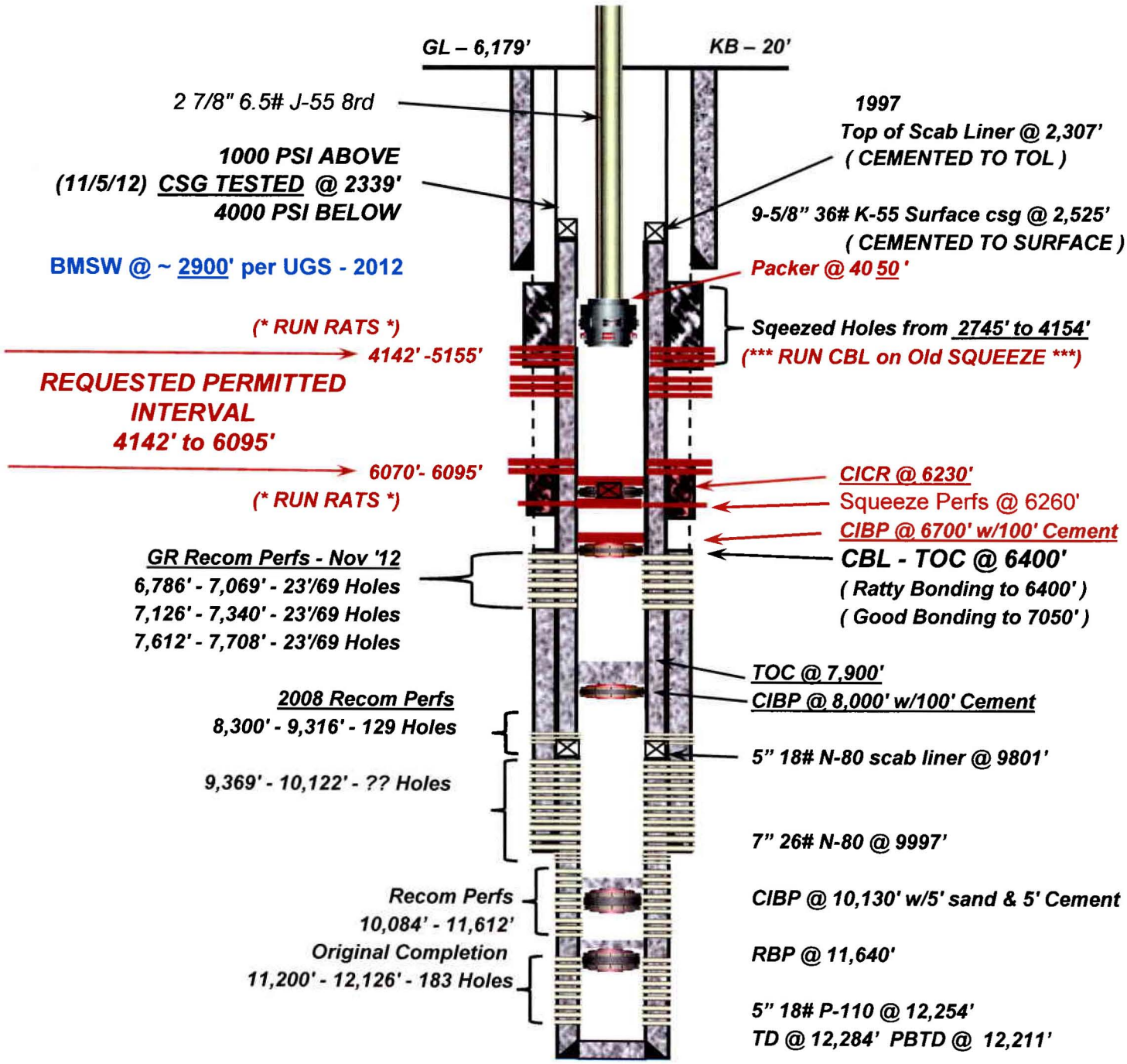
Fax: 801-359-3940


Proposed
Belcher 2-33B4
2S 4W
3S 4W
3S 5W
BLUE
BENCH
Duchesne
DUCHESNE
RIVER
EP ENERGY
Proposed SWD
Belcher 2-33B4
Location Plat

EP ENERGY

PROPOSED SWD CONVERSION

Company Name:	*EP Energy*	**Last Updated:**	*March 27, 2014*
Well Name:	***Belcher 2-33B4 SWD***	**By:**	*DSB*
Field, County, State:	*Altamont - Bluebell, Duchesne, Utah*	**TD:**	*12,284'*
API No. :	*430-13-30907*	**BHL:**	
Producing Zone(s):	*Wasatch & LGR*	**Elevation:**	*6179*



AFFIDAVIT OF NOTIFICATION

Jacquelyn L. Lynch personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Jacquelyn L. Lynch. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana St., Houston, Texas 77002 ("EP Energy").
2. EP Energy is the Operator of the Belcher 2-33B4 Well, located in the SWNW of Section 33, Township 2 South, Range 4 West, Duchesne County, Utah.
3. To the best of my knowledge and beliefs the names on the attached Distribution List represent all of the operators, working interest owners, unleased mineral owners and surface owners within a ½ mile radius of the Belcher 2-33B4 Well.
4. EP Energy has provided a copy of the Application for Injection Well (UIC Form 1) to all operators, working interest owners, unleased owners, and surface owners listed on the Distribution List.

FURTHER AFFIANT SAYETH NOT.

Jacquelyn L. Lynch

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF HARRIS §

Sworn to and subscribed before me on this 15th day of April, 2014, by Jacquelyn L. Lynch, as Landman for EP Energy E&P Company, L.P., a Delaware limited partnership.

NOTARY PUBLIC

My Commission Expires:
8/2/2014

GINGER M CEARLEY
NOTARY PUBLIC STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 2, 2014

EP ENERGY

April 15, 2014

<See Attached Distribution List>

Re: Notice of Permit Application
Belcher 2-33B4 SWD
Township 2 South, Range 4 West
Section 33: SWNW
Duchesne County, UT

Ladies & Gentlemen:

This letter is to advise you that EP Energy E&P Company, L.P. has submitted an application to the Utah Division of Oil, Gas, and Mining to request approval to inject water produced from exploration activities into the shut-in Belcher 2-33B4. A copy of the application and ownership map is being provided to the operators, owners and surface owners located within a one-half (1/2) mile radius of the location pursuant to the Utah Division of Oil, Gas, and Mining regulation R649-5-2.12

Should you have any questions or comments please feel free to contact me at (713)-997-5747.

Sincerely,

Jacquelyn L. Lynch
Landman
EP Energy E&P Company, L.P.

Enclosure

EP Energy
1001 Louisiana Street Houston, Texas 77002
PO Box 4660 Houston, Texas 77210-4660
Tel 713.997.1000

DISTRIBUTION LIST
SURFACE AND WORKING INTEREST OWNERS OF RECORD WITHIN ONE HALF MILE RADIUS OF THE BELCHER 2-33B4 WELL

EP ENERGY E&P COMPANY, L.P.
1001 Lousiana St.
Houston, TX 77210-44660

LOIS BLEAZARD, TRUSTEE OF THE LOIS BLEAZARD TRUST, A REVOCABLE LIVING TRUST, DATEED 4/25/2006
PO Box 510033
Mountain Home, Utah 84051-0033

UTE INDIAN TRIBE
Attn: Rose Taveapont
P.O. Box 70
Fort Duchesne, UT 84026

DUCHESNE COUNTY
P.O. Box 270
Duchesne, Utah 84021

BUREAU OF INDIAN AFFAIRS
Attn: David Murray
P.O. Box 130
Fort Duchesne, UT 84026

BUTTE, LLC
1552 35th Avenue
San Francisco, California 94122

THE DUCHESNE/WASATCH BLUE BENCH LANDFILL SPECIAL SERVICE DISTRICT
P.O. Box 356
Duchesne, Utah 84021

RICARDO VALENCIA
912 N. 2500 W.
Vernal, Utah 84078-8215

LILY R. STUART AND MELISSA A. ROSE, JT
1628 South 620 East
Orem, UT 84097

KENNETH D. MECHAM
3788 Tail Trail CT
Magna, Utah 84044-2358

RICHARD A. LEARNED AND LENNA LEARNED, JT
2082 Pinecrest Lane
Sandy, Utah 84092-5527

MARK ALLEN MODDERMAN
8760 W. 3150 S.
Magna, Utah 84044

KEITH A WALTERS
79 N. 1020 W.
American Fork, Utah 84003-9709

DARLENE LOOCK
423 1/2 Poplar Street
Lodi, California 95240-5919

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL

Name of Operator EP ENERGY E&P COMPANY, L.P.	Utah Account Number N 3850	Well Name and Number BELCHER 2-33B4
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Location of Well Footage : 2348' FNL & 1085' FWL County : DUCHESNE QQ, Section, Township, Range SWNW 33 T2S R4W State UTAH		Field or Unit Name ALTAMONT Lease Designation and Number

Is this application for expansion of an existing project? Yes ☐ No ☑

Will the proposed well be used for
- Enhanced Recovery? Yes ☐ No ☑
- Disposal? Yes ☑ No ☐
- Storage? Yes ☐ No ☑

Is this application for a new well to be drilled? Yes ☐ No ☑

If this application is for an existing well, has a casing test been performed? Yes ☑ No ☐
Date of test 11/5/2012

Proposed injection interval from 4,142 to 6,095

Proposed maximum injection rate 10,000 bpd pressure 1,000 psig

Proposed injection zone contains oil [ ] gas [ ] and/or fresh water [ ] within ½ mile of the well

List of attachments 1/2 MILE RADIUS PLATS, OWNER LIST, WELL REVIEWS & WORK PROG, GEOLOGY REVIEW
EXHIBITS UTAH DIVISION OF WATER RIGHTS MAP, INJECTION WATER SAMPLES, FORM 9

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge

Name (Please Print) MARIA S GOMEZ Title PRINCIPAL REGULATORY ANALYST

Signature Maria A. Gomez Date 4/11/2014

RECEIVED
APR 25 2014
DIV. OF OIL, GAS & MINING

2.10
GEOLOGICAL DATA

X-Sections, Structure Maps, Fresh Water Sources

REF: UGS 2012 Study 144

Belcher 2-33B4 SWD Conversion
Geologic Recommendation

EP Energy proposes to convert the Belcher 2-33B4 well to a salt water disposal (SWD) well. The well first produced in 1984 and has cumulative production of 151 MBO and 545 MMCF from the Wasatch, Lower Green River, and Middle Green River Formations. Existing perforations span 6797' to 12127'. The well was originally shut-in 1986, was returned to production in 1988, shut-in a second time in 1989, returned to production in 1990, and shut-in a third time in 1992. The well was again shut-in 1992 and brought back on line 1997 and has produced Wasatch until 2008 Lower Green River recompletion. The well is located in the central part of the greater Altamont-Bluebell-Cedar Rim field (Section 33, T2S, R4W), just north of the Cedar Rim area.

A structure map for the top of the lower Green River Formation (TGR3 marker) shows that strata dips north (4° azimuth) at about 3.2°. Surface geology consists of Quaternary (Holocene and Pleistocene) alluvium, colluviums, pediment, and glacial deposits underlain by the Dry Gulch (Tdd) and Brennan Basin (Tdb) Members of the Duchesne River Formation, as well as undivided divisions of the Duchesne River Formation.

The location is approximately 7.5 miles north-north-east of the town of Duchesne. According to the closest offset data from the 2012 Utah Geological Survey Moderately Saline Groundwater Study the elevation of BMSGW is ~3350' (sea-level datum) which equates to a measured depth of ~2900' (kb datum = 6199').

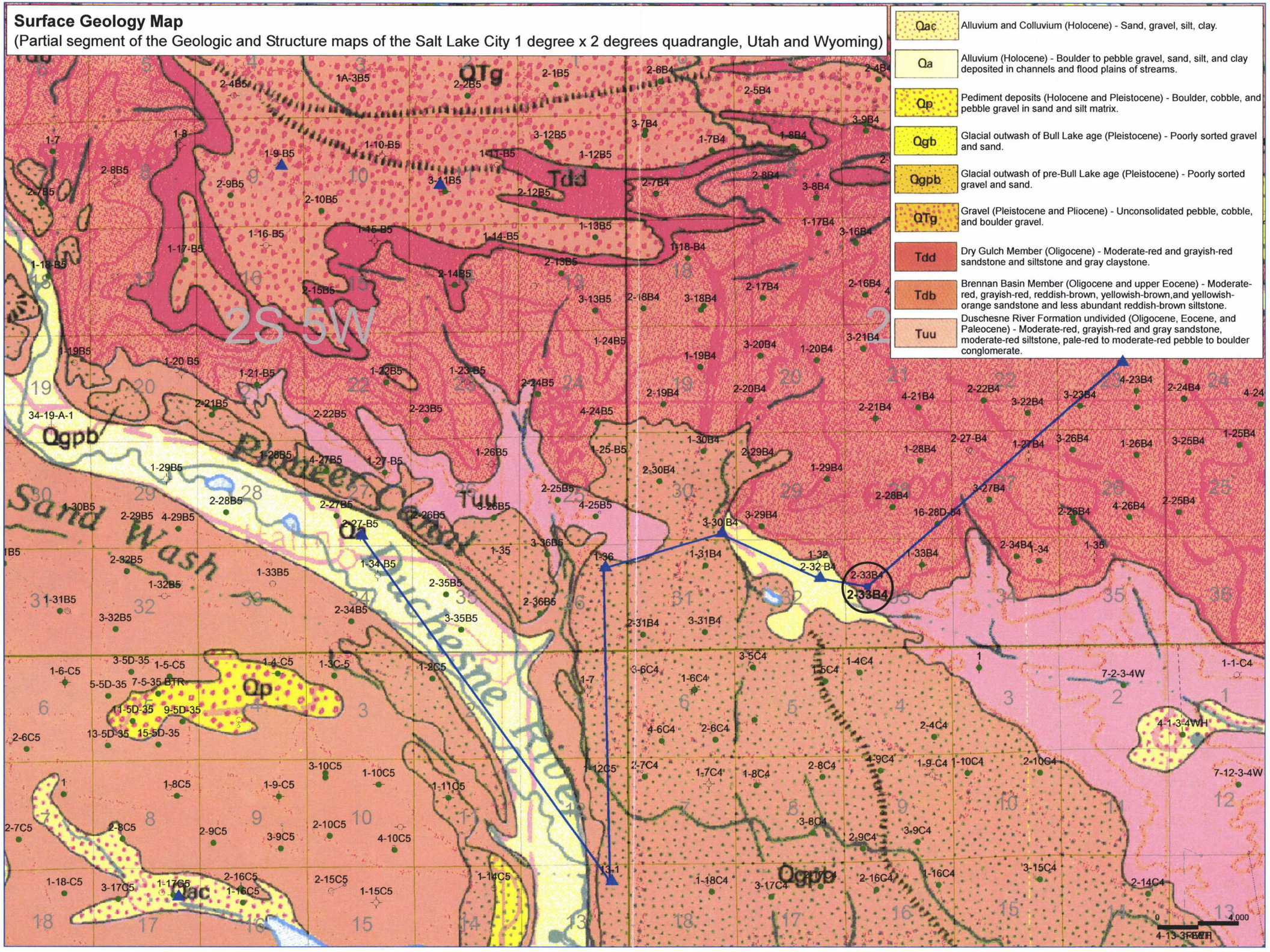
Proposed injection perforations for the Belcher 2-33B4 SWD conversion span a 1953' gross interval in the basal portion of the Uinta and throughout the Upper Green River Formations from 4142' to 6095' and include 129 net feet of perforations. The injection interval is chosen to limit injection into prospective Upper and Middle Green River oil and gas zones and to keep injection far below the base of moderately saline ground water. Considering the deepest (3350') estimate for the BMSGW, the injection zone will be at least 1242' below the BMSGW. The proposed injection interval targets sand-rich intervals throughout the Upper Green River Formation with the lowest perforation ~750' above the Middle Green River Formation marker. Twenty-five, 2-12 ft thick intervals are targeted for injection. Similar intervals are used for disposal in the 1-36B5 and 3-30B4 SWD wells.

The basal aquitard is regional shale from 6683'-6782' at the base of the Upper Green River, just above the Middle Green River stratigraphic marker. A series of Upper Green River shale-rich intervals provide seals between the injection zones and an upper ~200' seal of stacked shale-siltstone will protect upper overlying groundwater system.

It is critical to have a regional understanding of SWD perforations and injection histories in order to predict water flows and decrease downtime during drilling operations throughout Altamont field. A cross section through 6 offset SWD wells near the proposed Belcher 2-33B4 SWD conversion show a broad spectrum of previous injection horizons.

Surface Geology Map

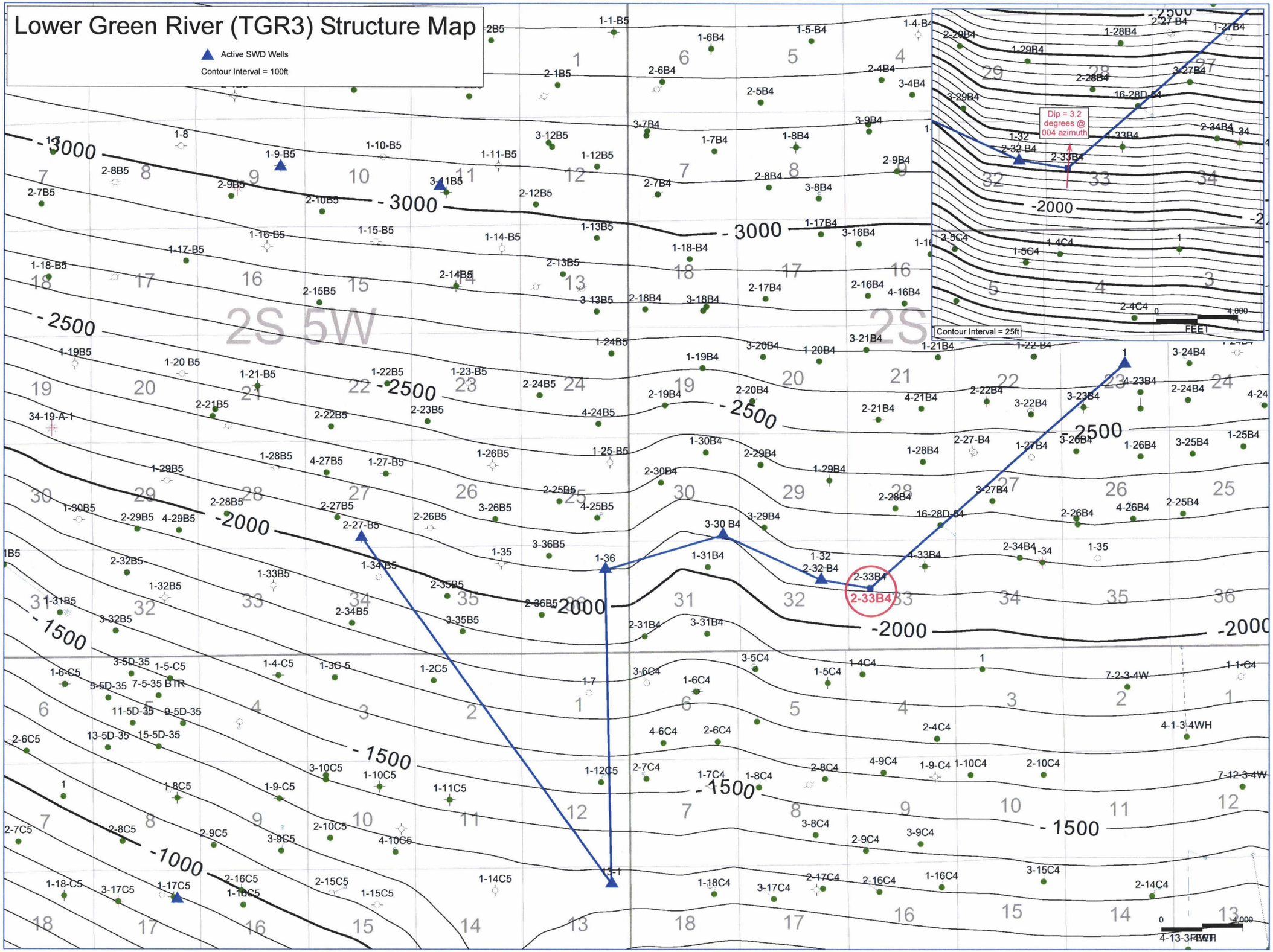
(Partial segment of the Geologic and Structure maps of the Salt Lake City 1 degree x 2 degrees quadrangle, Utah and Wyoming)



Lower Green River (TGR3) Structure Map

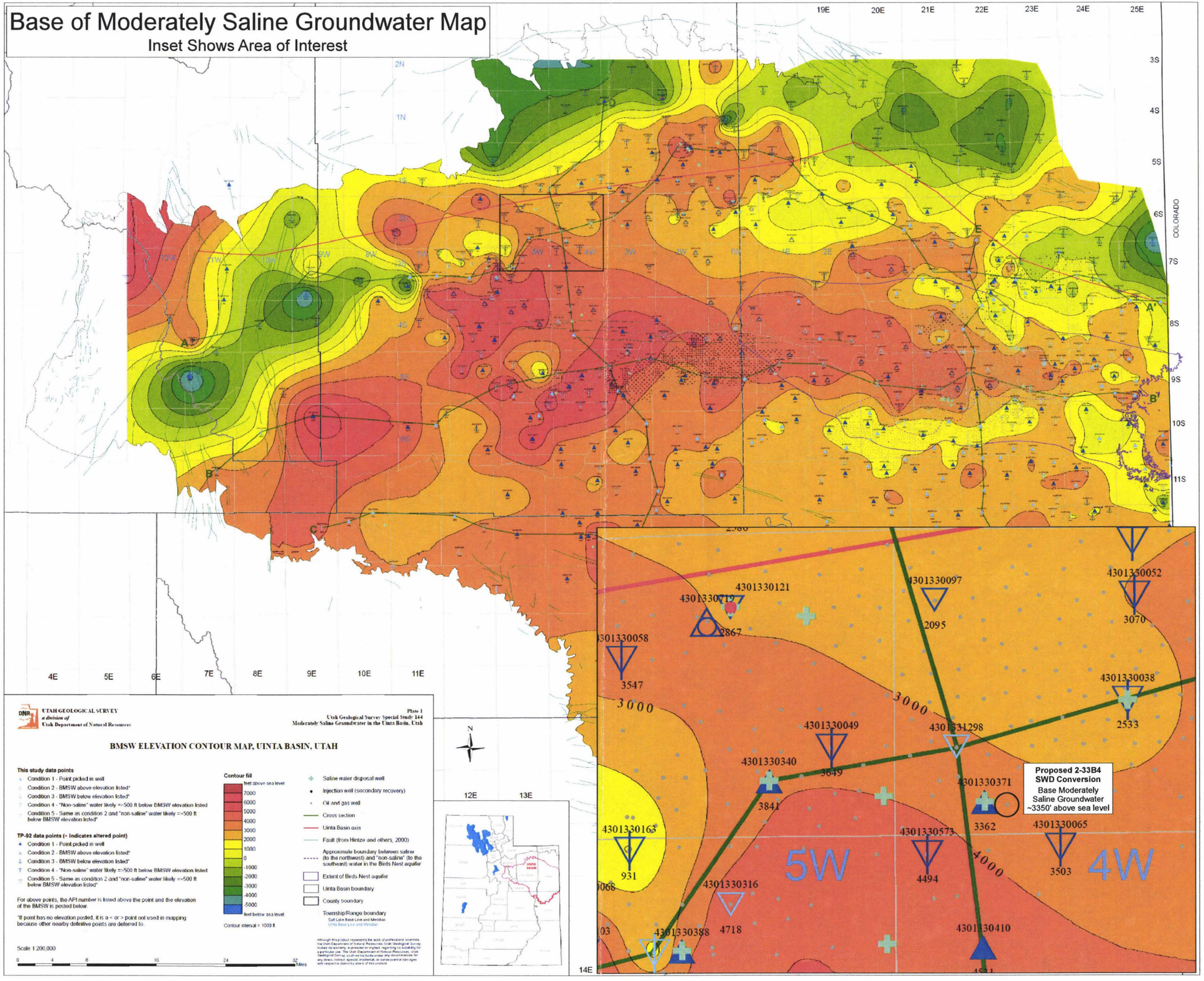
Active SWD Wells

Contour Interval = 100ft



Base of Moderately Saline Groundwater Map

Inset Shows Area of Interest



UTAH GEOLOGICAL SURVEY
a division of
Utah Department of Natural Resources

Plate 1
Utah Geological Survey Special Study 144
Moderately Saline Groundwater in the Uinta Basin, Utah

BMSW ELEVATION CONTOUR MAP, UINTA BASIN, UTAH

This study data points

- Condition 1 - Point picked in well
- Condition 2 - BMSW above elevation listed*
- Condition 3 - BMSW below elevation listed*
- Condition 4 - "Non-saline" water likely =>500 ft below BMSW elevation listed
- Condition 5 - Same as condition 2 and "non-saline" water likely =>500 ft below BMSW elevation listed*

TP-92 data points (+ Indicates altered point)

- Condition 1 - Point picked in well
- Condition 2 - BMSW above elevation listed*
- Condition 3 - BMSW below elevation listed*
- Condition 4 - "Non-saline" water likely =>500 ft below BMSW elevation listed
- Condition 5 - Same as condition 2 and "non-saline" water likely =>500 ft below BMSW elevation listed*

For above points, the API number is listed above the point and the elevation of the BMSW is posted below.

*If point has no elevation posted, it is a < or > point not used in mapping because other nearby definitive points are deferred to.

Contour fill

feet above sea level
7000
6000
5000
4000
3000
2000
1000
0
-1000
-2000
-3000
-4000
-5000
feet below sea level

Contour interval = 1000 ft

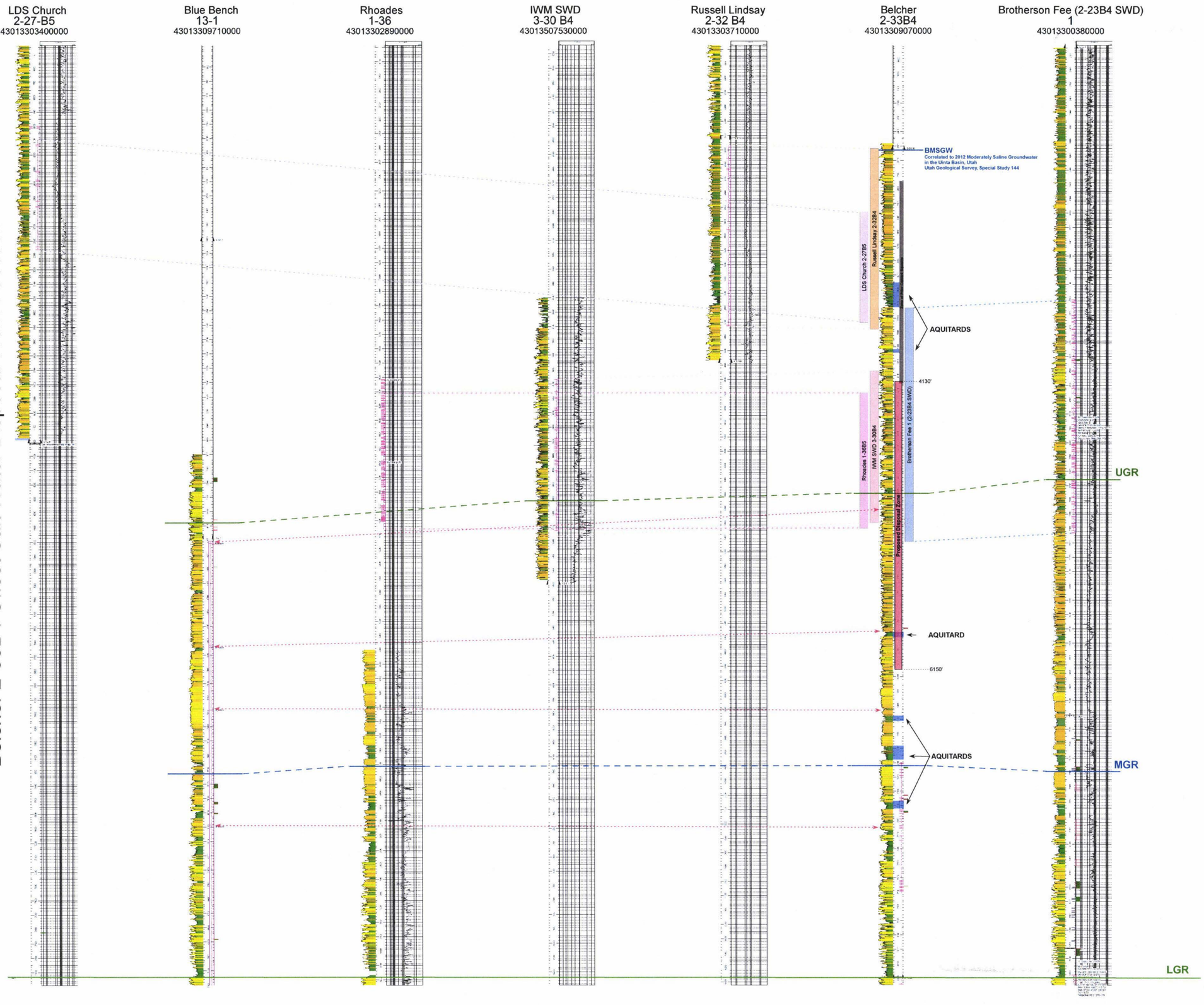
- Saline water disposal well
- Injection well (secondary recovery)
- Oil and gas well
- Cross section
- Uinta Basin axis
- Fault (from Hintze and others, 2000)
- Approximate boundary between saline (to the northwest) and "non-saline" (to the southeast) water in the Birds Nest aquifer
- Extent of Birds Nest aquifer
- Uinta Basin boundary
- County boundary
- Township/Range boundary
  Salt Lake Base Line and Meridian
  Uinta Base Line and Meridian

Scale 1:200,000

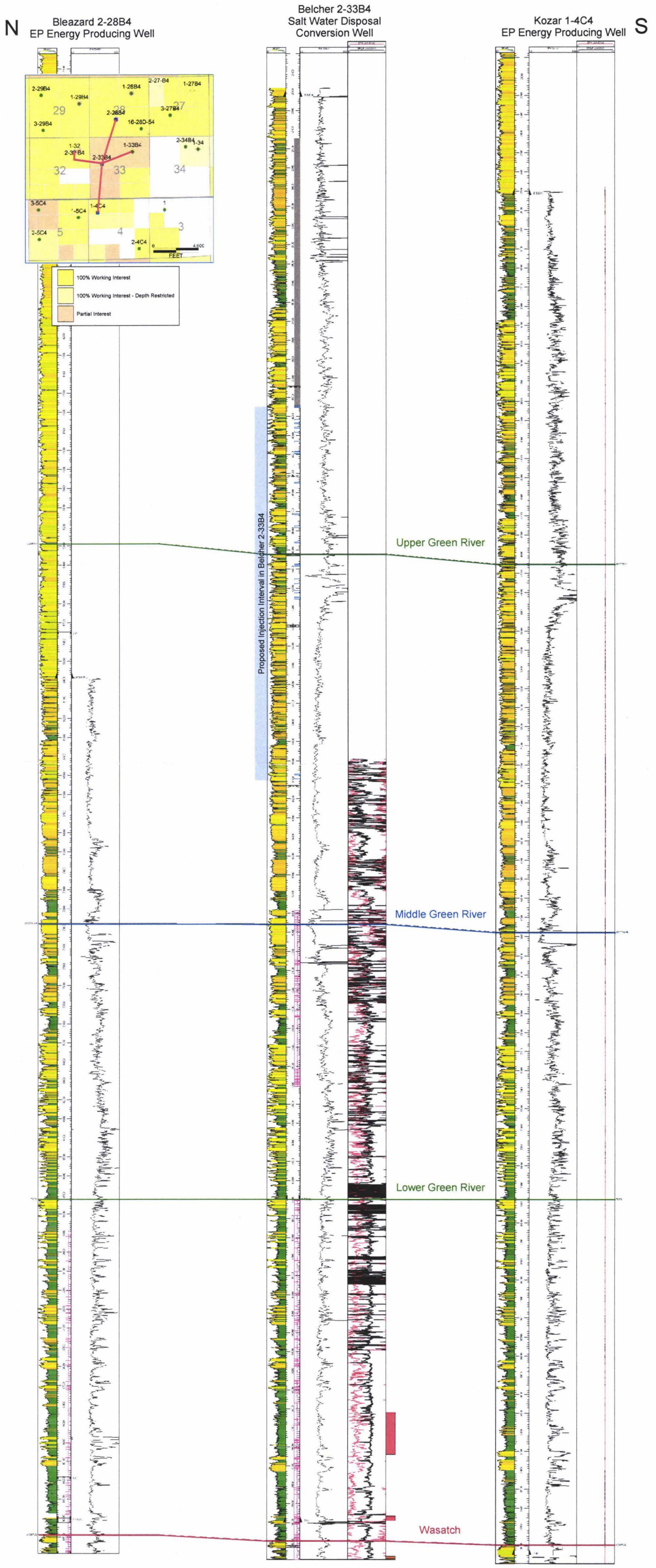
0 4 8 16 24 32 Miles

Although this product represents the work of professional scientists, the Utah Department of Natural Resources, Utah Geological Survey, makes no warranty, expressed or implied, regarding its suitability for a particular use. The Utah Department of Natural Resources, Utah Geological Survey, shall not be liable under any circumstances for any direct, indirect, special, incidental, or consequential damages with respect to claims by users of this product.

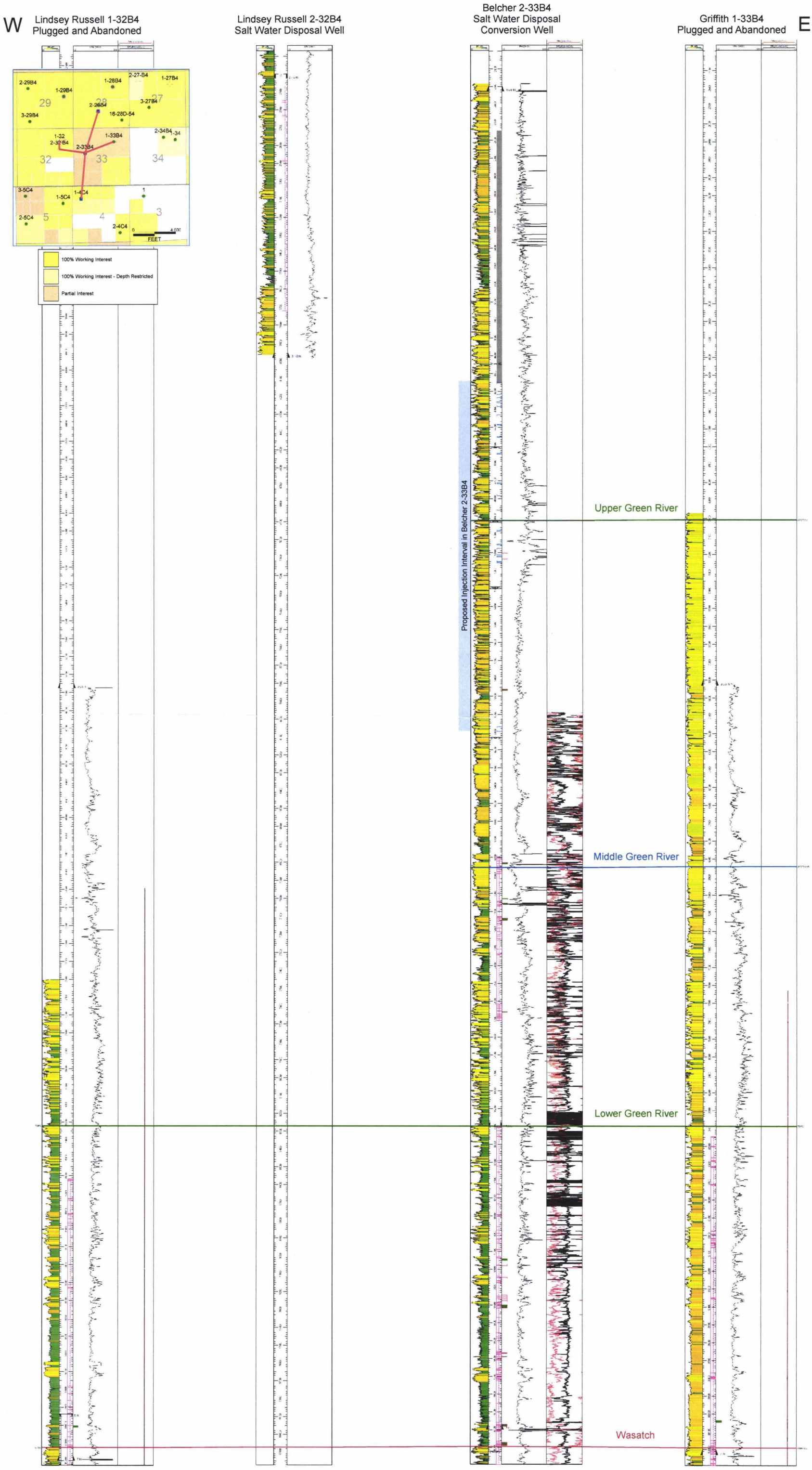
Belcher 2-33B4 Offset Salt Water Disposal Well X-Section



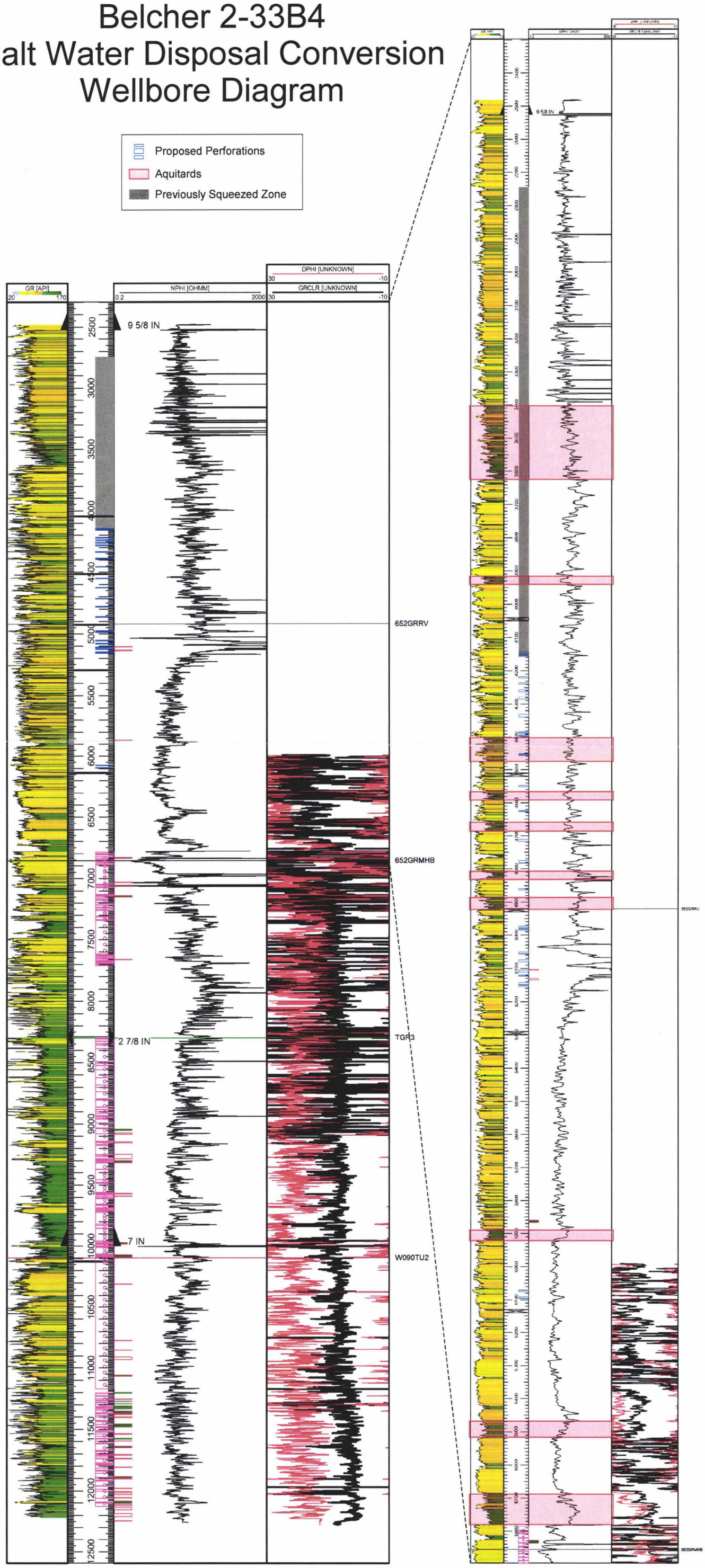
Belcher 2-33B4 9-Spot Operators Map and North-South Cross Section



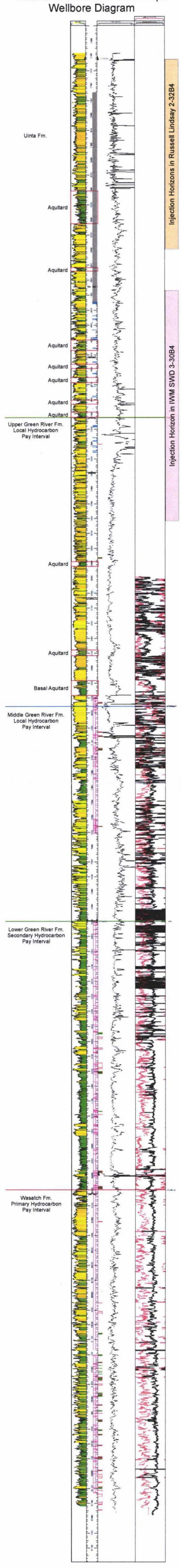
Belcher 2-33B4 9-Spot Operators Map and East-West Cross Section



Belcher 2-33B4
Salt Water Disposal Conversion
Wellbore Diagram



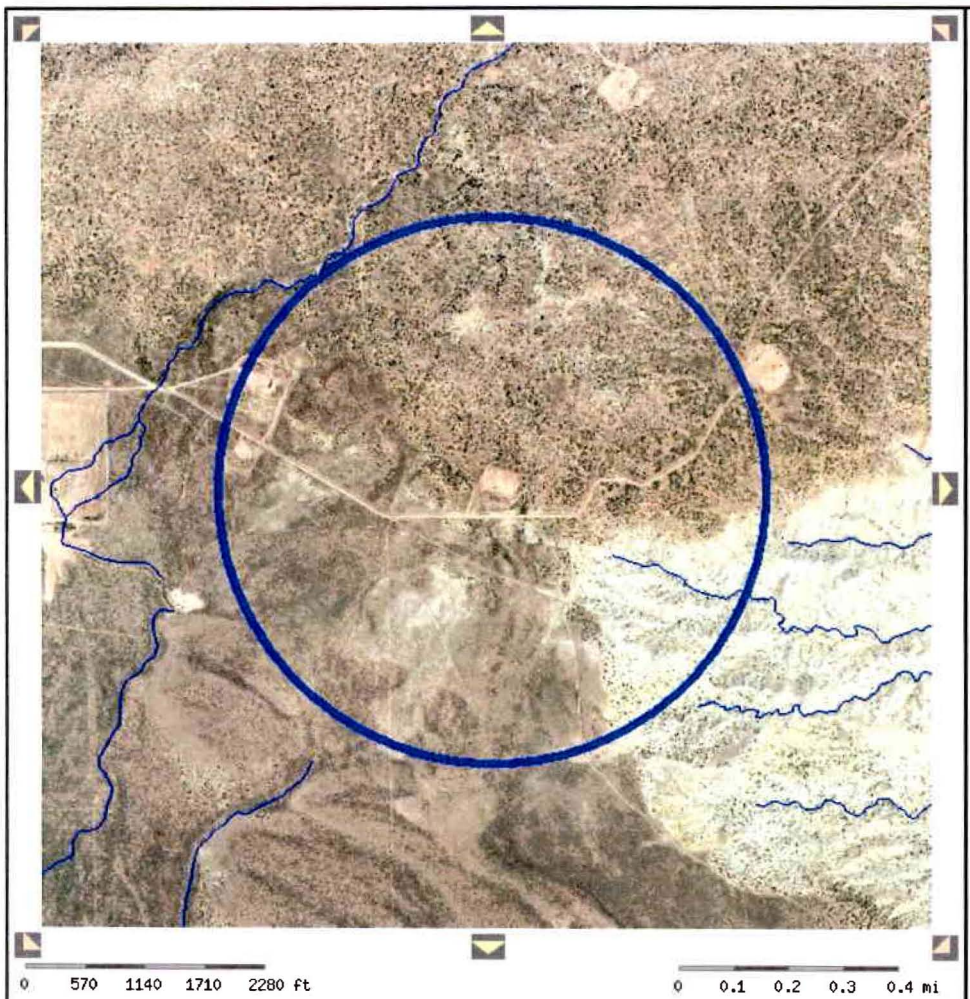
Belcher 2-33B4 Formation Tops
Wellbore Diagram



utah gov | Online Services | Agency List | Business

Search

Utah Division of Water Rights



Zoom In Mode ▾ Map

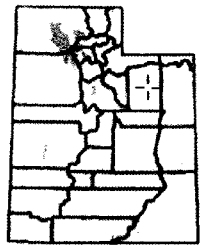
Tools

Display	Layer Name
☐	Points of Diversion
☐	POD Labels
☐	Digitized Place of Use
☐	National Historic Sites
☐	National Historic Sites Labels
☐	Counties
☐	Public Land Survey System
☑	Rivers and Streams
☑	Roads
☐	Water Right Areas
☐	Adjudication Books
☐	County Parcels (As Available)
☐	County Parcel Labels
☐	Restricted Areas
☐	Duty

Aerial Photographs ▾ **Base Map**

Legend

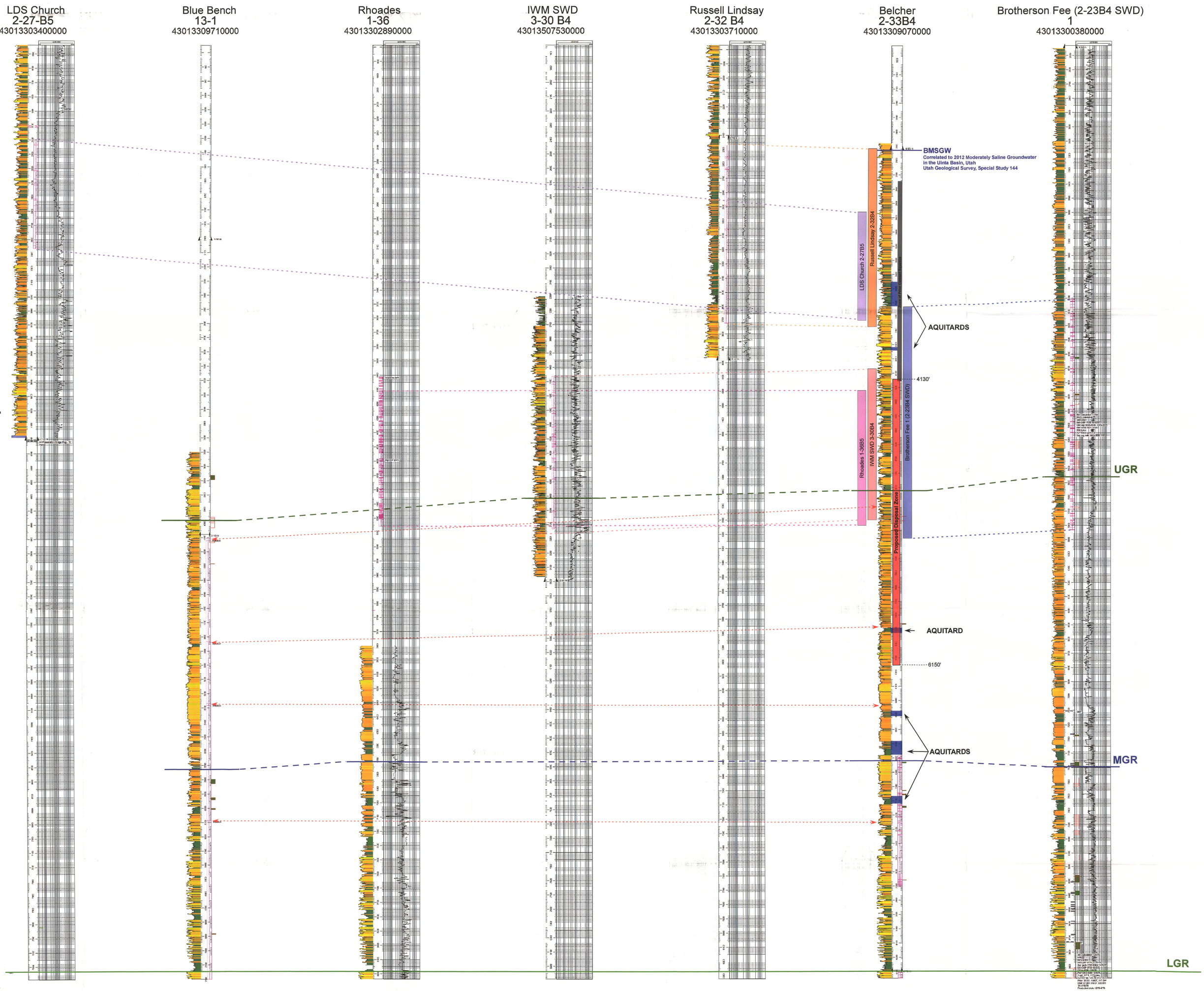
- UNDERGROUND
- SURFACE
- SPRING
- POINT TO POINT
- REDIVERSION
- Search Area
- Primary Route
- Secondary
- Rural Roads
- Minor Roads
- Stream
- Ditch or Canal
- Wash or Epheneral Drain
- Intermittent Stream
- Aqueduct



Utah Division of Water Rights

Search Radius: 2640 ft.

From the NW corner South 2348 East 1085 section 33 township 2S range 4W USbm

WR Number Diversion Type Well Log Location Status Priority Uses CFS ACFT Address Owner Name

Belcher 2-33B4 Offset Salt Water Disposal Well X-Section