SHELL OIL COMPANY

P. O. BOX 831
HOUSTON, TEXAS 77001

CIRCULATE TO:
DIRECTOR ☑
PETROLEUM ENGINEER ☒
MINE COORDINATOR ☐
ADMINISTRATIVE ASSISTANT ☐
ALL ☐
RETURN TO Schuss FOR FILING

MAY 1 1978

Subject: Shell, Tenneco -
Well No. 2-10B4
Altamont Field
Duchesne County, Utah

Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight, Director

Gentlemen:

This is to keep you apprised of our activity regarding subject test well. In our judgement the news release set forth below should provide appropriate information for dissemination by the Uintah Basin Standard, the Vernal Express and the television station at Roosevelt:

> Altamont, Utah, May 2 -- Shell Oil Company said today it will drill a test well in the central portion of the Altamont field to see whether an existing well is adequately draining a 640-acre unit.
>
> The present producing well will be shut in when the test well is completed, and will remain shut in while the performance of the test well is studied. Evaluation of the test well may take six months to a year. Drilling will begin in about one week.
>
> Shell will be operator on the test well. Tenneco owns a 21 percent working interest in the well.
>
> Shell has been producing oil and natural gas from the Altamont field since 1970 when it discovered the field.

Yours very truly,

W. M. Marshall

W. M. Marshall
Division Production Manager
Western Division

JES:ja

RECEIVED
MAY 3 1978
DIVISION OF OIL, GAS, & MINING

43-013-30143

SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

May 3, 1978

RECEIVED MAY 8 1978 DIVISION OF OIL, GAS, & MINING

Subject: Shell et al -
Brotherson 2-10B4
Altamont Field
Duchesne County, Utah

ok
PB

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention Cleon B. Feight, Director

Gentlemen:

Attached is our application for permit to drill subject well as an alternate to the current producer, Well 1-10B4.

A special Shell technical team has been studying the Wasatch reservoir for over two years. One of the principal objectives of the study has been to determine drainage efficiency. This effort has been inconclusive to date. It is possible in certain areas of the field that a 640 acre spacing unit is not being drained efficiently by the existing well. Therefore, we propose drilling Well 2-10B4 in order to determine the extent of drainage and the potential for profitable development of undrained reserves. The proposed well will cost approximately $2,000,000.

With consideration to the purposes for drilling an alternate well, the test is in the best interest of royalty owners and conservation. In regard to correlative rights, the well is located on a 640 acre pool, and only one well will be produced at a time except while running interference tests.

Data from this test will be periodically available to the Division, and upon conclusion of the test, permission to produce both wells concurrently will be sought in hearing on the basis of the test results.

Yours very truly,

JAC

K. W. LaGrone
Division Operations Manager
Rocky Mountain Operations

JES/THB:bfk

Attachment

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [X]

2. Name of Operator
Shell Oil Company

3. Address of Operator
1700 Broadway, Denver, Colorado 80290

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
1364' FWL & 1241' FSL, Section 10
At proposed prod. zone SE SW, USM

RECEIVED
MAY 8 1978
DIVISION OF OIL, GAS, & MINING

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
NA

7. Unit Agreement Name

8. ~~Farm or~~ Lease Name
Brotherson Pool

9. Well No.
2-10B4

10. Field and Pool, or Wildcat
Altamont

11. Sec., T., R., M., or Blk. and Survey or Area
Section 10-T2S-R4W

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

14. Distance in miles and direction from nearest town or post office*

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 1241' FSL, 1364' FWL

16. No. of acres in lease: 640

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

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: 3389'

19. Proposed depth: 13,500

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
EL 6277' GR

22. Approx. date work will start*
May 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	54.5#	300'	Cmt to sfc
12-1/4"	9-5/8"	36#	6500'	1500' fill on btm + 600 cu ft bullhd
8-3/4"	7"	26#	11,200'	Fill to 6500'
6-1/8"	5"	18#	13,500'	Fill to 11,000'

Drill to 13,500' with hole size and casing program as above.

BOP Program: 0-300' - None
300-6500' - 13-5/8" 5000# WP Annular Preventor
6500-TD - 13-5/8" 5000# WP Annular Preventor, 3 13-5/8" 5000# WP Ram BOP's (w/1 blind ram and 2 pipe rams)

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 R. Planty Title Div. Opers. Engr. Date 5/2/78

(This space for Federal or State office use)

Permit No. 43-013-30443 Approval Date

Approved by Title Date
Conditions of approval, if any:

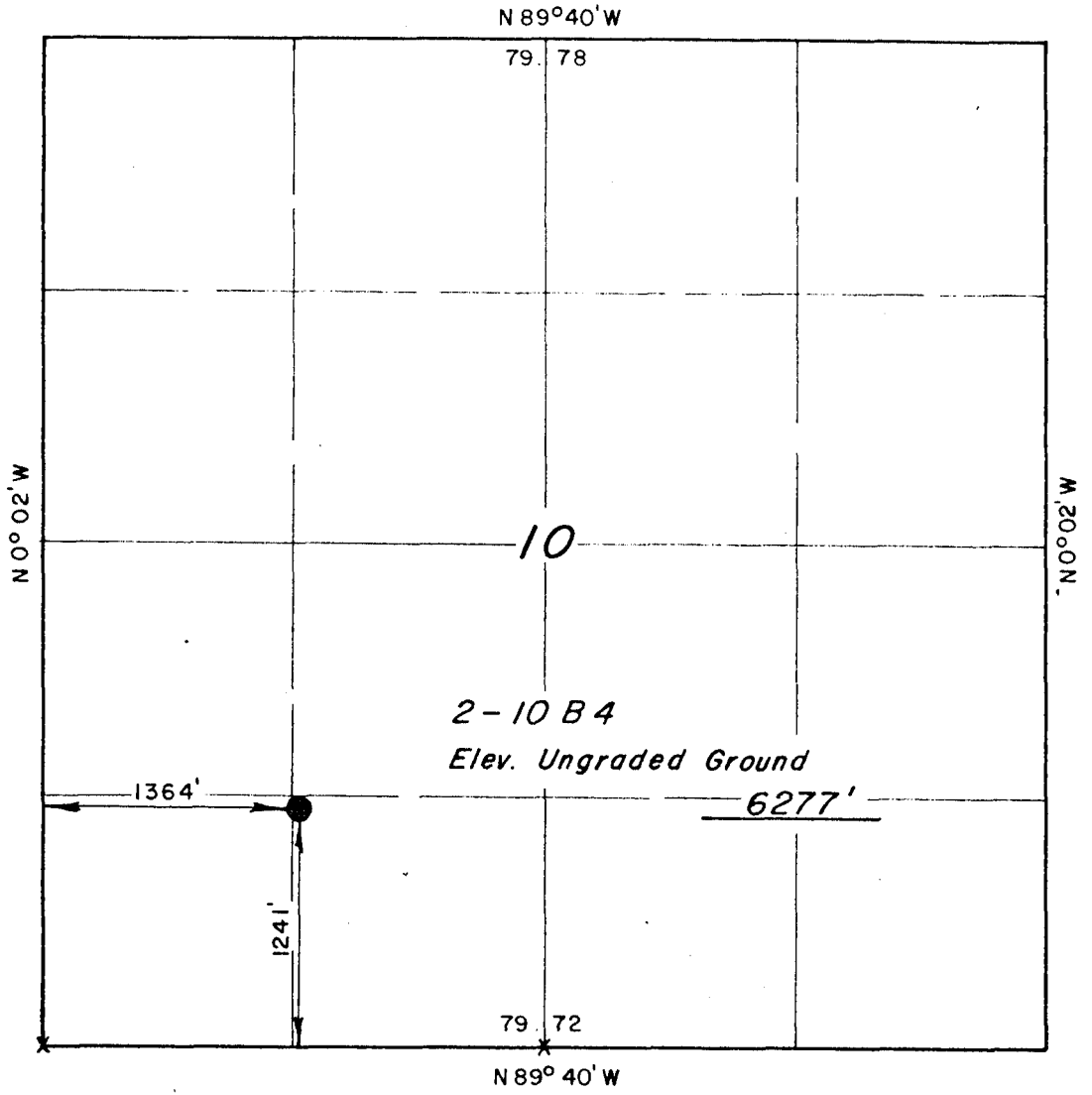
*See Instructions On Reverse Side

T 2 S, R 4 W, U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, *2-10B4*, located as shown in the SE 1/4 SW 1/4 Section 10, T 2 S, R 4 W, U.S.B.& M. Duchesne County, Utah.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR
REGISTRATION № 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q ~ 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 4 / 26 / 78
PARTY G.S. S.S. R.M. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE SHELL OIL CO.

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [X]

2. Name of Operator
Shell Oil Company

3. Address of Operator
1700 Broadway, Denver, Colorado 80290

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
1364' FWL & 1241' FSL, Section 10

At proposed prod. zone

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
NA

7. Unit Agreement Name

8. ~~Farm or~~ Lease Name
Brotherson Pool

9. Well No.
2-10B4

10. Field and Pool, or Wildcat
Altamont

11. Sec., T., R., M., or Blk. and Survey or Area
Section 10-T2S-R4W

12. County or Parrish 13. State
Duchesne Utah

14. Distance in miles and direction from nearest town or post office*

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1241' FSL 1364' FWL

16. No. of acres in lease 640

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

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 3389'

19. Proposed depth 13,500

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
EL 6277' GR

22. Approx. date work will start*
May 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	54.5#	300'	Cmt to sfc
12-1/4"	9-5/8"	36#	6500'	1500' fill on btm + 600 cu ft bullho
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6-1/8"	5"	18#	13,500'	Fill to 11,000'

Drill to 13,500' with hole size and casing program as above.

BOP Program: 0-300' - None
300-6500' - 13-5/8" 5000# WP Annular Preventor
6500-TD - 13-5/8" 5000# WP Annular Preventor, 3 13-5/8" 5000# WP Ram BOP's (w/1 blind ram and 2 pipe rams)

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 R. Plantz Title Div. Opers. Engr. Date 5/2/78

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date
Conditions of approval, if any:

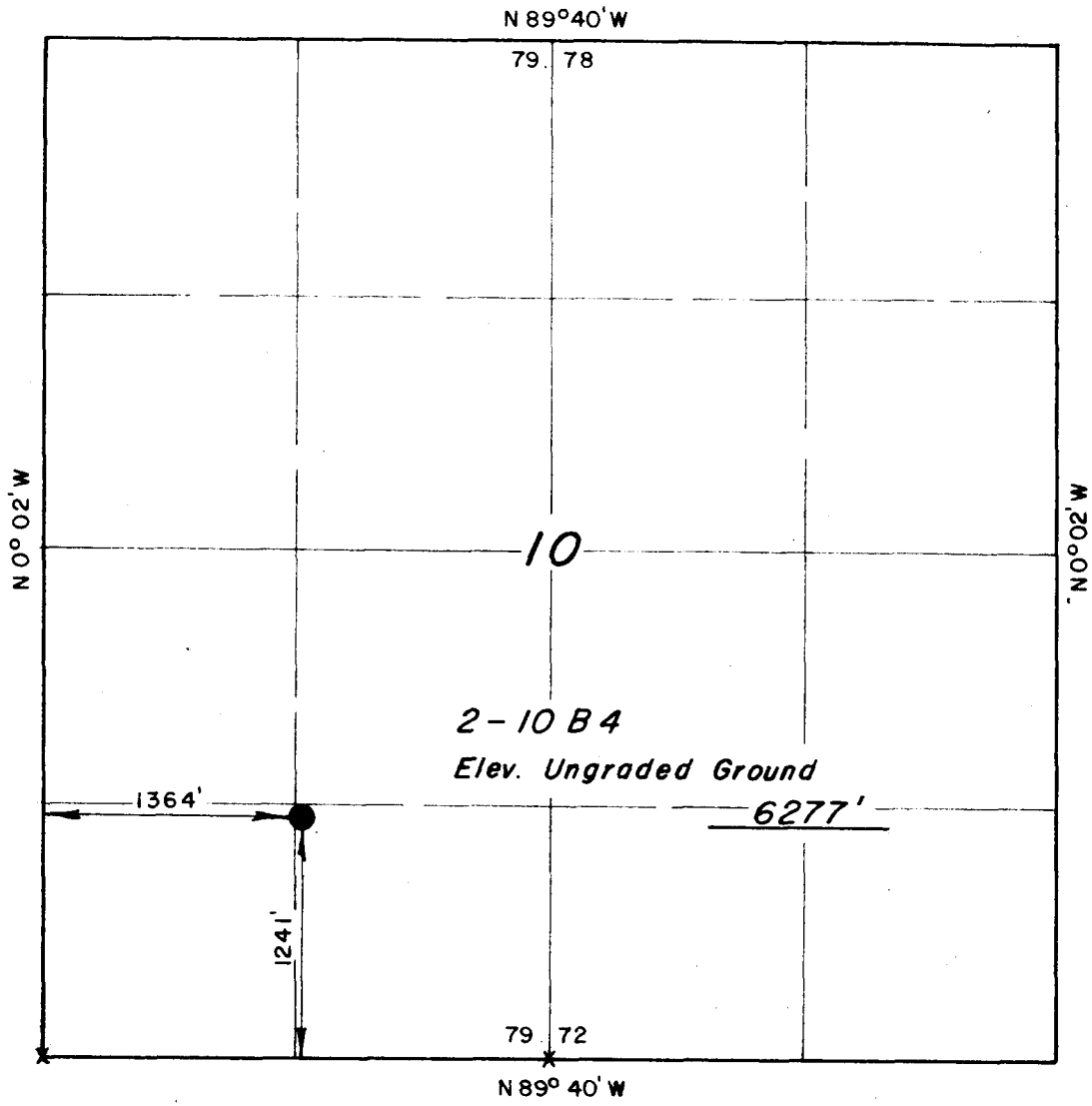
*See Instructions On Reverse Side

T 2 S, R 4 W, U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, *2-10B4*, located as shown in the SE 1/4 SW 1/4 Section 10, T 2 S, R 4 W, U.S.B.& M. Duchesne County, Utah.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION № 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 4 / 26 / 78
PARTY G.S. S.S. R.M. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE SHELL OIL CO.

Please return approved copy to the following address:
Shell Oil Company
Rocky Mountain Division Production
1700 Broadway - Attn T. M. Smith
Denver, Colorado 80290

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name: NA

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name:

b. Type of Well: Oil Well [X] Gas Well [ ] Other Single Zone [ ] Multiple Zone [X]

8. ~~Farm or~~ Lease Name: Brotherson Pool

2. Name of Operator: Shell Oil Company

9. Well No.: 2-10B4

3. Address of Operator: 1700 Broadway, Denver, Colorado 80290

10. Field and Pool, or Wildcat: Altamont

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1364' FWL & 1241' FSL, Section 10
At proposed prod. zone:

11. Sec., T., R., M., or Blk. and Survey or Area: Section 10-T2S-R4W

14. Distance in miles and direction from nearest town or post office*

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

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 1241' FSL 1364' FWL

16. No. of acres in lease: 640

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

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: 3389'

19. Proposed depth: 13,500

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): EL 6277' GR

22. Approx. date work will start*: May 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	54.5#	300'	Cmt to sfc
12-1/4"	9-5/8"	36#	6500'	1500' fill on btm + 600 cu ft bullhc
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6500-TD - 13-5/8" 5000# WP Annular Preventor, 3 13-5/8" 5000# WP Ram BOP's (w/1 blind ram and 2 pipe rams)

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24.
Signed: R. Plaudy Title: Div. Opers. Engr. Date: 5/2/78

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: May 9

Operator: Shell Oil Co.

Well No: Brotherson 2-10B4

Location: Sec. 10 T. 2S R. 4W County: Duchesne

File Prepared: / ✓ / *Entered on N.I.D.:* / ✓ /

Card Indexed: / ✓ / *Completion Sheet:* / ✓ /

API NUMBER: 43-013-30443

CHECKED BY:

Administrative Assistant LW

Remarks: OK

Petroleum Engineer AD

Remarks:

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK / *Survey Plat Required:* /

Order No. / / *Surface Casing Change to* /

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site /

O.K. Rule C-3 / / *O.K. In* / *Unit* /

Other: Board Authorized 2/21/78

/ / *Letter Written/~~Approved~~*

May 9, 1978

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Shell et al - Brotherson
2-10B4
Sec. 10, T. 2 S, R. 4 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted as per Board authorization of February 21, 1978.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30443.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

SHELL OIL COMPANY
P.O. BOX 831
HOUSTON, TEXAS 77001

RECEIVED
JUL 31 1978
DIVISION OF OIL, GAS, & MINING

JUL 28 1978

File
Brotherson
2-10B4

Division of Oil, Gas and Mining
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight

Dear Mr. Feight:

Shell Oil Company is preparing to complete the first Altamont infill test well--Brotherson 2-10B4. As specified in our permit to drill, we will shut-in the existing well (1-10B4) on the section (pool) when 2-10B4 is completed.

We anticipate that the completion procedure to achieve full production capability from the test well will require approximately 10 days. The following is our plan and approximate timing associated with it:

1.	Begin well clean-up through 8 holes at the bottom of the 2200 foot completion interval.	8/2/78
2.	Produce well until no mud and/or cuttings contaminates production.	3 days ±
3.	Shoot holes in liner opposite all potentially productive intervals.	2 days ±
4.	Produce wells until production is free of mud and/or cuttings contaminants.	3 days ±
5.	Acidize well and initiate maximum production capability	1 day

Immediately following the completion of the acid job and the initiation of production from infill test well 2-10B4, the existing well on the section will be shut-in. This well will remain shut-in throughout the testing period except for extraordinary reservoir testing. We will advise you in advance of any such tests.

Very truly yours,

M. R. Hudgins

M. R. Hudgins
Division Engineering Manager
Western Division

EJV:JG

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

October 20, 1978

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Brotherson 2-10B4
Sec. 10, T. 2S, R. 4W,
Duchesne County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Ostler

KATHY OSTLER
RECORDS CLERK

SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

August 7, 1979

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Brotherson 2-10B4
Sec. 10, T. 2S, R. 4W,
Duchesne County, Utah
SECOND REQUEST

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

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)

14

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: Shell Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Texas 77001

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1241' FSL & 1364' FWL, Section 10, T2S-R4W
At top prod. interval reported below
At total depth

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

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-30443	5-9-78	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
5-8-78	7-18-78	9-23-78	6277' GL, 6297' KB	-

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
13,500	13,430	-	→	Total	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Wasatch 11,300' - 13,385'

25. WAS DIRECTIONAL SURVEY MADE:

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL/SP GR-FDC-CNL BHCS-GR

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"	54.5#	291'	17-1/2"	450 sx	None
9-5/8"	36#	6,498'	12-1/4"	910 sx	None
7"	26#	11,292'	8-3/4"	1535 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	11,085'	13,499	Uncmt'd	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10,750'	10,750'

31. PERFORATION RECORD (*Interval, size and number*)
11,300' - 13,385' (248 holes)
See Attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
8-3-78	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-22-78	24	1"	→	1358	2333	337	1717

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
400 psi	-	→	1358	2333	337	42.3° API

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

TEST WITNESSED BY

NOV 26 1979
DIVISION OF
GAS & MINING

35. LIST OF ATTACHMENTS
Drilling & completion history.

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

SIGNED [signature] TITLE Division Production Engineer DATE 11-16-79

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

BROTHERSON 2-10B4
REMEDIAL PROGNOSIS
ATTACHMENT I

a) Use a 4" O.D. hollow steel carrier, centralized, loaded with DML Densi-Jet XIX charges (19.0 gram) at 120° phasing, 3 JSPF.

b) Record and report wellhead pressure before and after each run.

c) Perforate 3 JSPF in each of the following intervals (reference OWP's GR-CBL-CCL dated 8-24-78):

11,050-057	(21 holes)	10,938	(3)	10,855-859	(12)
11,039	(3)	10,928-931	(9)	10,851-853	(6)
11,027-029	(6)	10,919-923	(12)	10,841-845	(12)
11,014-016	(6)	10,910-912	(6)	10,834-838	(12)
10,994	(3)	10,905	(3)	10,815-819	(12)
10,991	(3)	10,898-901	(9)	10,809-812	(9)
10,988	(3)	10,889-995	(18)	10,803-806	(9)
10,977-982	(15)	10,879	(3)	10,799	(3)
10,968-972	(12)	10,875	(3)	10,795-797	(6)
10,961	(3)	10,869-872	(9)	10,782-785	(9)
10,949	(3)	10,863-865	(6)		

Total New Holes: 83' X 3 JSPF = 249 holes

~~RM 450 (12-60)~~
RMO-Z-60
(75)

SHELL OIL COMPANY
WELL WORK REPORT

FIELD: Ottamont
LEASE: Brotherson
WELL. NO.: 2-1084
COUNTY: Duchesne
STATE: Utah
DATE:

CONTRACT: W.O.W.
RIG NO.: 17

REMARKS: Monday 8-20-79 Status- Prepare to Kill well, install BOPS & pull tbg.
Sunday 8-19-79. Shut down
Saturday 8-18-79 First report on this location. AFE will provide funds to mill out & pull model "D" packer perforate 249 holes from 11,057' to 10,785'. & Acid treat perfs with 17,500 gals 7½% HCL
TD 13,500' PBTD 13,499' CIBP @ 13,420'. Set R.B.P. befor perforating. Move from 1-32BS & rig up. Shut down rig operations until 8/20/79.
Have not received AFE #

EQUIPMENT REPLACED:

HOURS WORKED:

HOURS STANDBY

Rig 8-18 - 1600
Rig 8-19 150
BOPS 500

MISCELLANEOUS COSTS:

$

$

$

$

UNIT/OR RIG COST PER HR./LABOR $

APPROVED WORK ORDER $

UNIT/OR RIG COST FOR TODAY $

RENTAL TOOL COSTS FOR TODAY $

OTHER COSTS FOR TODAY $

TODAYS TOTAL COST $ 2050

CUMULATIVE TOTAL COST $

(OVER/UNDER) $

~~RM-458 (12-60)~~
RMO-2-60
(12/75)

SHELL OIL COMPANY
WELL WORK REPORT

CONTRACT: W.O.W
RIG NO.: 17

FIELD: altamont
LEASE: Brotherson
WELL NO.: 2-10B4
COUNTY: Duchesne
STATE: utah
DATE:

REMARKS: Tuesday 8-21-79 - Started milling over Baker model "D" PKr at 11,070 w/ 6 1/8" O.D Baker PKr Picker.

Monday 8-20-79 - Finish Rigging up. Pump 350 bbls Hot Produced water down annulus + 100 bbls down Tbg. Remove X'mas tree + Install 6" B.O.P unseating latch from my del "D" PKr at 11,070'. (note latch was sealed in PKr, work latch 1½ hrs to free). P.O.O.H. laying down gas mandrels as pulled. 1st mandrel pulled was sealed + flagged up inside! Strong blow from Tbg for a few minutes inside Tbg + Remaining mandrels badly sealed. Pick up 6 1/8" O.D. Baker PKr Picker, safety latch + stinger. Run in Hole to 11,050'. Rig up Power Swivel S.D. 7 P.M.

2050

EQUIPMENT REPLACED:

HOURS WORKED:

HOURS STANDBY
Rig-8-20-79 - 2100

MISCELLANEOUS COSTS:

Delsco - 1162-291	$ 291 - 22-31	
Inter - 457K-61, 420K-107, 458K-137	305 - 22-58	
	$ 596	
	$	
UNIT/OR RIG COST PER HR./LABOR	$	
APPROVED WORK ORDER	$	

UNIT/OR RIG COST FOR TODAY	$ 2100
RENTAL TOOL COSTS FOR TODAY (B.O.P)	$ 300
OTHER COSTS FOR TODAY	$ 596
TODAYS TOTAL COST	$ 2996
CUMULATIVE TOTAL COST	$ 5046
OVER/(UNDER)	$

M. H. Gray

~~RM-160 (12-68)~~
RMO-Z-60
(12/75)

SHELL OIL COMPANY
WELL WORK REPORT

CONTRACT: W.O.W
RIG NO.: 17

FIELD: altamont
LEASE: Brotherson
WELL NO.: 2-10 B4
COUNTY: Duchesne
STATE: utah
DATE:

REMARKS: Wednesday 8-22-79 - Status Running 4 1/8" O.D. mill + 9 jt of 4" O.D. mesh Pipe at 13,000' No Scale thus far!
Tuesday 8-21-79 - Sting into Baker model D PKr at 11,070'. mill over PKr (3 hrs) move PKr down Hole 30'. work force up Hole. P.O.O.H. w/ milled over PKr intact! Lay down PKr Picker + PKr. pick up 4 1/8" O.D X 3 1/8 I.D X 3' long + 1 jt mesh pipe 4" O.D X 3 1/2" I.D. X 30' long + changeover sub Back to 2 1/8" 8R.T. Jbg Ran in Hole to top of liner at 11,101' S.D.T.P.
(Note used 1300 bbls Produced water filling Hole + milling over PKr)
Tuesday 8-23-79 - Status Running 7" Baker Retrievable Bridge plug to + set at 11,075'.
Wednesday 8-22-79 - Finish Running 4 1/8" O.D mill + mesh Pipe Jag Scale on fill at 13,402'. Re-Rig Power Swivel. mill scale on fill to 13,412' (10' 3 hrs) → P.B.T.D (new) used 1300 bbls produced water to attempt filling Hole + Reverse circulate w/ no circulation out Jbg Slight Blow out Jbg! Present bottom existing Perf at 13,385' P.O.O.H. Lay down 4 1/8" O. mill + 1 jt mesh pipe. Pick up 7" Baker R.B.P w/ 6" O.D X 2' long Bell catch → layed down 81 stds Jbg work string ontop. Ran 10 stds Jbg + R.B.P in Hole. S.D.T.P.M.

5046

EQUIPMENT REPLACED:

HOURS WORKED:

HOURS STANDBY

P.S + Rig 8-21-79 - 2500
P.S + Rig 8-22-79 - 2500

MISCELLANEOUS COSTS:

Baker - B6-136-64754-1840	$ 1840	22-98
[illegible] - 7-[illegible]-59	59	26-70
	$ 1899	
	$	
UNIT/OR RIG COST PER HR./LABOR	$	
APPROVED WORK ORDER	$	

UNIT/OR RIG COST FOR TODAY	$ 5000
RENTAL TOOL COSTS FOR TODAY R.O.P.	$ 300
OTHER COSTS FOR TODAY	$ 1899
TODAYS TOTAL COST	$ 7199
CUMULATIVE TOTAL COST	$ 12,245
OVER/(UNDER)	$

RWO-2-60
(12/75)

SHELL OIL COMPANY
WELL WORK REPORT

CONTRACT NO. W.O.W 17

FIELD Altamont
LEASE Brotherson
WELL NO. 2-10B4
COUNTY Duchesne
STATE Utah
DATE

REMARKS Friday 8-24-79 - Status 12 hr S.I.C.P. 650 lbs. Bled off Pressure to conti
Perforating
Thursday 8-23-79 - Finish Running 7" Baker R.B.P + Set at 11,080', Fill
Hole w/ Produced water + Pressure test R.B.P. to 2000 lbs for 10 Min O.K.
P.O.O.H. Rig up O.W.P. make 2 Perforating Runs, w/ a using 4" O.D Hollow
Steel Carrier csg gun (Centralized) w/ 23 Gram charges 120° Phasing 3 Jets Per Foot
Run #1 Perforate 11,039 up to 10,799 (6' Selections 33 Holes). Run #2 Perforate
11,050 up to 10,972' (5 Selections 60 Holes) F.L. 2nd Run 700'. Rig + Pick up 3rd
gun + Hang in Lubricator w/ Blind Rams closed. Total Perf's 2 Runs 93 Holes. S.D. 7 PM
Saturday 8-25-79 - Status Rigging up BJ Service to acid treat Perf's 10,782 to 11,05
(249 Holes)
Friday 8-24-79 12 hr S.I. csg Pressure = 650 lbs Bled Pressure off to 0 5 minutes, Perforate
w/ 4" csg Run #3 10,928' up to 10,889' (5 Selections 54 Holes) F.L. 700' Run #4 Perforate 10,869 up
10,834' (6 Selections 57 Holes) F.L. 850' → 0 PSI Run #5 Perforate 10,815' up to 10,782' (5 Selections 45 Holes
all Perforations as Per Prognosis, Grand Total Holes Perforated = 249. Rig down O.W.P. Pick
Baker Full Bore Pkr w/ unloader + Regular 2.441 I.D Retrieving Hd. Run in Hole. Set Pkr @ 12,245

EQUIPMENT REPLACED: at 10,640' Pump 100 bbls Hot water down csg w/ 5 bbl
water dropped after 75 bbls Total Pumped. Pressure test csg to 650 lbs O.K.
Rig up Hydra 7/8" wire line Junk, Pull Stingerline. Remove 6" B.O.P. Install
10,000 lb Fracture. S.D. 7 P.M. Pkr Set w/ 15,000 lbs Tension

HOURS WORKED:

HOURS STANDBY

Rig	8-23-79 -	2100
"	8-24-79 -	2100

MISCELLANEOUS COSTS:

switch - 74346 - 88	$ 88 - 26 - 70
O.W.P. #L1865 - $9995	$ 9995 - 22 - 28
Trans - 0716 - $107.585K - 275.349K - 744 / 581K - $275.062K - 138.437K - 168.314K - 204 / 224K - 244.236K - 346	$ 1970 - 22 - 58
T - 377 - 44768 - 18,310	$ 18,310
(FOR RIG COST PER HR. LABOR	$ 30,363
APPROVED WORK ORDER	$

UNIT/OR RIG COST FOR TODAY	$ 4200
RENTAL TOOL COSTS FOR TODAY (B.O.P.)	$ 300
OTHER COSTS FOR TODAY	$ 30,363
TODAYS TOTAL COST	$ 34,86
CUMULATIVE TOTAL COST	$ 47,10
OVER/(UNDER)	$

W.O. # 579187 - $70,000

M. J. Gray

RMD-Z-60
(12/75)

SHELL OIL COMPANY
WELL WORK REPORT

CONTRACT: W o W
RIG NO.: 17

FIELD: altamont
LEASE: Brotherson
WELL NO.: 2-10 B4
COUNTY: Duchesne
STATE: utah
DATE:

REMARKS: Sunday 8-26-79 - Shut down Sunday, 18 hr S.I.T.P. 400 lbs, open well (would not flow)

Saturday 8-25-79 - Finish Rigging up B.J. Service. Pressure test Surface testing lines to 9500 lbs O.K. Set annulus Pressure at 2600 lbs. acid treat Perf's 10,782 to 11,057' (249 Holes) w/ 17,500 gallons 7½% HCL acid as per Prognosis Max T.P. = 8600, min T.P. = 5800, ave T.P. = 7000, max Rate 22 bbls per min = 22, min R = 15, ave Rate = 18. I.S.I. = 3000 lbs 5 min = 2600, 10 min = 2100, 15 M = 1400 total fluid to recover = 407 bbls acid + 95 bbls fluid = Total of 502 bbls. Dropped total of 120 Ball Sealers (7/8") used 1500 lbs Benzoic acid flakes. Total of time 29 min. Finished down B.J. Rig up O.W.P. Ran Gamma Ray Radioactive log from 11,075 up to 10,540' log indicates all Perf's took treatment. 4 hrs log Pressure = 3200.

Monday 8-27-79 24 hr S.I.T.P = 700 lbs, bleed off pressure w/ no flow! Load hole w/ 100 bbls Hot Produced water. Remove 10,000 lb tree + Installing 6" B.O.P. to pull Full Bore Pkr + Run Dual mandrels.

47,108

EQUIPMENT REPLACED:

HOURS WORKED:

HOURS STANDBY:

Rig 8-25-79 - 2100

MISCELLANEOUS COSTS:

Jones - 28738 - $191,368 - $244	$	435-22-58
United - 74348 - $88,74350 - $117	$	205
	$	640
	$	
UNIT/OR RIG COST PER HR./LABOR	$	
APPROVED WORK ORDER	$	

W.O. # 579187 - $70,000

CONTRACTOR REPRESENTATIVE

UNIT/OR RIG COST FOR TODAY	$	2100
RENTAL TOOL COSTS FOR TODAY	$	
OTHER COSTS FOR TODAY	$	640
TODAYS TOTAL COST	$	2740
CUMULATIVE TOTAL COST	$	49848
OVER/(UNDER)	$	

M. D. Gray

COMPANY REPRESENTATIVE

RMO-Z-60
(12/75)

SHELL OIL COMPANY
WELL WORK REPORT

CONTRACT: W.O.W
RIG NO.: 17

FIELD: altamont
LEASE: Brotherson
WELL. NO.: 2-10 B4
COUNTY: Duchesne
STATE: utah
DATE:

REMARKS: Tuesday 8-28-79 - Status Rigging down to Move Back to Broadhead 1-32B.
Monday 8-27-79 - Finish Removing 10,000 # tree + Install 6" B.O.P. Release Baker
7" Full Bore Pkr + P.O.O.H. Pick up new 7" Baker Full Bore Pkr w/ unloader above Pkr
+ Regular Retrieving Hd on Bottom of Pkr. Run in Hole + Picking up Camco Dev Mandrel
as Running Jog. Mandrels 11 Spaced as Per Progress at Following depths: 1st Camco
w/ orifice check at 10,627' 11 1st above Pkr 10,440, 9846, 9251, 8688, 8093, 7529, 6934, 6216, 4969 + 3041,
set Pkr at 10,664' w/ 15,000 # Tension. Strip off B.O.P + valve, 7 flow line etc,
Remove 6" B.O.P. + Install
Rest 5000 # Regular Cameron X mas tree w/ LC operator valve, Release Rig 7 P.M. Start
Rigging down to Move Back to Broadhead 1-32B5. Turn well over to Production.

EQUIPMENT REPLACED:

HOURS WORKED: 49848

HOURS STANDBY:
Rig - 8-27-78 - 2400
Rig + Correction - 895

United - 74351 - $59	MISCELLANEOUS COSTS:	59 - 26 - 70
Jones 29739 - $46	$	46 - 22 - 58
Baker - B6-136-64924 - $2014	$	2014 - 25 - 44
Baker - B6-136-64960 - $1740	$	1740 - 25 - 44
Hydril - 28009 - $464	$	464 - 22 - 39
Jones - 529K - $168, 366K 366		534 - 22 - 58
UNIT/OR RIG COST PER HR/LABOR	$	
APPROVED WORK ORDER	$	4847

UNIT/OR RIG COST FOR TODAY	$	3295
RENTAL TOOL COSTS FOR TODAY B.O.P.	$	150
OTHER COSTS FOR TODAY	$	4847
TODAYS TOTAL COST	$	8292
CUMULATIVE TOTAL COST	$	58140
~~OVER~~/(UNDER)	$	11860

W.O. # 579187 - $70,000

CONTRACTOR REPRESENTATIVE

M. D. Gray

COMPANY REPRESENTATIVE

RMO-Z-60
(12/75)

SHELL OIL COMPANY
WELL WORK REPORT

FIELD: altamont
LEASE: Brotherson
WELL NO.: 2-10B4
COUNTY: Duchesne
STATE: Utah
DATE:

CONTRACT: W.O.W
RIG NO.: 17

REMARKS: Wednesday 8-29-79 - Status, Rig on Standby

Tuesday 8-28-79 - Finish Rigging down Rig. Park Rig on Location. Clean up location + Rig. Place Rig on Standby.

58,140

EQUIPMENT REPLACED:

HOURS WORKED:

HOURS STANDBY

MISCELLANEOUS COSTS:

FINAL REPORT - NEW WELL

WELL: BROTHERSON 2-10B4
DEPTH: TD 13,500' PBTD 13,430'
OBJECTIVE: Wasatch
STATUS: Well complete. Flowing.
COMPLETION DATE: 9-23-78

On 24-hour test 9-22-78, flowed 1358 BO, 337 BW & 2333 MCFG (GOR 1717) on 64/64" choke with 400 psi FTP and zero casing pressure from Wasatch perfs (1/ft) listed below.

11300	11577	11909	12219	12556	12942
11305	11582	11919	12227	12568	12955
11318	11591	11930	12233	12583	12968
11320	11598	11936	12242	12592	12974
11329	11606	11943	12252	12603	12982
11333	11616	11949	12262	12612	12991
11337	11624	11960	12280	12618	13000
11344	11629	11966	12292	12627	13006
11352	11635	11973	12297	12634	13019
11363	11645	11980	12307	12644	13024
11374	11654	11985	12310	12650	13038
11378	11666	11992	12323	12661	13049
11382	11672	12004	12329	12663	13053
11390	11677	12009	12334	12672	13059
11398	11687	12014	12341	12679	13075
11402	11694	12019	12348	12691	13082
11409	11699	12027	12354	12698	13089
11417	11709	12033	12360	12704	13102
11421	11715	12043	12364	12716	13110
11428	11722	12053	12367	12728	13120
11434	11730	12060	12370	12735	13140
11442	11741	12066	12379	12744	13151
11448	11751	12075	12391	12748	13157
11455	11758	12080	12405	12759	13169
11464	11763	12089	12411	12765	13178
11474	11775	12096	12423	12776	13186
11476	11782	12103	12436	12792	13195
11484	11785	12110	12449	12799	13206
11490	11796	12115	12463	12811	13212
11496	11800	12123	12466	12823	13232
11500	11804	12129	12476	12836	13249
11513	11815	12134	12482	12842	13265
11518	11824	12143	12485	12851	13285
11522	11833	12153	12496	12858	13293
11528	11841	12159	12507	12868	13304
11530	11849	12167	12508	12876	13309
11540	11859	12176	12516	12895	13333
11542	11866	12187	12517	12912	13342
11552	11870	12193	12526	12914	13350
11559	11879	12199	12533	12921	13367
11566	11888	12207	12544	12932	13385
11571	11897				

WELL: Brotherson 2-10B4

Elevation: 6297' KB 6277' GL
Oil Gravity: 42.3° API @ 60° F.
Initial Production Date: 8-3-78

Log Tops:	TGR-3	9321'	(-3024)
	M1	10590'	(-4293)
	T1	10785'	(-4488)
	M2	11552'	(-5255)
	M3	12240'	(-5943)
	M4	12730'	(-6433)
	M5	13150'	(-6853)

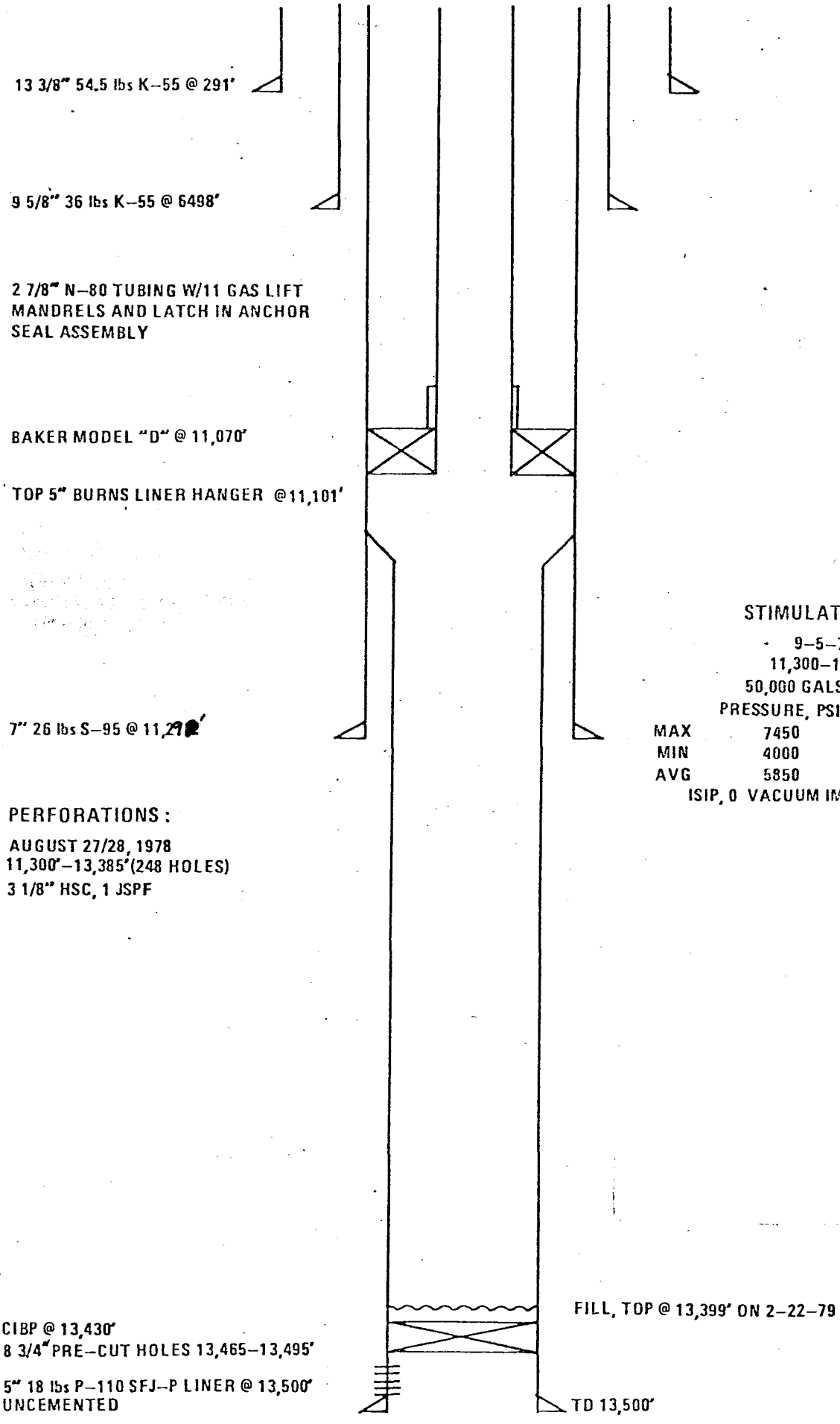
This well was drilled to help evaluate the infill potential in the Altamont field.

FINAL REPORT

Drilling rig moved off: 7-22-78

Completion rig moved off: 8-28-78.

BROTHERSON 2-1084
SE SW SECTION 10, T 2 S – R 4W
UCHESNE COUNTY, UTAH
ELEVATION: 6297' KB
KB–GL: 20'



STIMULATIONS:

9–5–78
11,300–13,385'
50,000 GALS 7½% HCL

	PRESSURE, PSI	RATE, BPM
MAX	7450	19
MIN	4000	14
AVG	5850	16.2

ISIP, 0 VACUUM IMMEDIATELY

PERFORATIONS:

AUGUST 27/28, 1978
11,300'–13,385' (248 HOLES)
3 1/8" HSC, 1 JSPF

2Z00966–00

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 24-hr test, prod 1028 BO, 175 BW & 1700 MCF gas w/700 psi FTP.

SEP 19 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 24-hr test, prod 1099 BO, 244 BW & 1891 MCF gas w/625 psi FTP.

SEP 20 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 24-hr test 9/17, prod 1478 BO, 250 BW, 1975 MCF gas w/135 psi FTP. On 24-hr test 9/18, prod 1278 BO, 301 BW & 1708 MCF gas w/650 psi FTP.

SEP 21 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 17-hr test, prod 860 BO, 176 BW & 1347 MCF gas w/660 psi FTP.

SEP 22 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 24-hr test, prod 1561 BO, 424 BW & 3700 MCF gas w/580 psi FTP.

SEP 23 1978

25

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2 " csg @ 13,500'

TD 13,500. PB 12,890. 9/11 Prod 637 BO, 150 BW & 1032 MCF gas/day on 27/64 chk w/690 psi FTP & 650 flwline press. Opened well @ 4 a.m. on 50/64 chk & rate incr'd to 720 BO/D. TP & flwline press equalized. Chk'g press drop on flwline & prep to prod log.

SEP 12 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. 9/12 Schl RIH & made dummy run. POOH & RU log'g tools. Log'd well on 64/64" chk & 500 psi FTP. The well was flw'g an avg of 69 BO/H, 14 BW/H & 124 MCF/H. The well was then pinched 9/13/78 in betwn a 32/64" & 26/64" chk w/700-800 psi FTP. The well during this interval was prod'g 52 BO/H, 7 BW/H & 84 MCF/H. The well is still being log'd @ the 32-26/64" chk rate.

SEP 13 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. 9/13 Fin'd log'g w/Schl on pinched in rates & then SI well; made SI runs. SITP 1320 psi. POOH & RD&MO Schl. Opened well to the trt'r on a 40/64" chk @ 7 p.m. w/600 psi FTP. Well is now back on prod.

SEP 14 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 24-hr test 9/13, prod 1248 BO, 269 BW & 1406 MCF gas w/800 psi FTP.

SEP 15 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. On 15-hr test 9/14, prod 922 BO, 224 BW & 1525 MCF gas w/730 psi FTP.

9/16-18/78

2-1081

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

SEP 6 1978

TD 13,500. 9/5 MI&RU BJ to AT perf'd interval 11,300-13,385 (248 holes) w/50,000 gals 7-1/2% HCl. Pmp'd 70 bbls prod wtr down tbg while placing 3000-3300// on tbg-csg annulus. Pmp'd 6000 gals acid & pmp'd 1000 gals gelled acid w/1500// OS-160 Unibeads (50-50 Buttons & Beads) distributed evenly in the acid.. Repeated procedure 5 more times for a total of 42,000 gals acid & 9000// beads. Pmp'd 8000 gals acid & flushed w/120 bbls prod wtr. SI well; on strong vac for 15 mins. With 289 bbls acid pmp'd press brk @ 6800-6500// & slowly climbed again to 6700// & decr'd to 5000//. With approx 720 bbls total acid pmp'd press rose to 7100// & decr'd to 4200//. After SD after pmp'g acid & going to flush, well on vac. When pmp'g the wtr, a press of 7100// was obtained @ 13 B/M & then brk back. RD&MO BJ. Max press 7450 psi, min 4000, avg 5850. Max rate 19 B/M, min 14, avg 16.2. Well was on vac from 11:30 a.m.-5:30 p.m. At 5:30 p.m. well started bld'g press & @ 8:30 p.m. well had 530 psi & @ 10 p.m. had 750 psi. MI&RU Geotex & ran temp log from 3 a.m. to 4 a.m. on 9/6. At 4:15 a.m. well had 1305 psi & @ 7 a.m. well had 1535 psi. The temp anomalies are as follo: 12,230' incr 3/4 deg; 12,368' incr 1 deg; 12,784-92' incr 1-1/4 deg. PBTD tag'd @ 12,890.

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

SEP 7 1978

TD 13,500. PB 12,890. SITP 1750// & SICP 3300//. Flwd well to pit from 9 a.m. to 9:45 a.m.; making gas & wtr. TP decr'd from 1750// to 750//. Well started making yellow oil @ 9:45 a.m. Cont'd flw'g well to pit until 10 a.m. & turned well to bty on 14/64 chk w/960// TP. From 10 a.m. thru 11 a.m. well made 10 BO, 1 BW & 23 MCF gas. From 10 a.m. 9/6 thru 7 a.m. 9/7 (21 hrs), well made 167 BO, 4 BW & 389 MCF gas. 7 a.m. 9/7 TP 1000// & CP 3050//.

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. Schl made dummy run; well on 14/64" chk w/1000// TP. POOH & RU log'g tool. RIH; well not mak'g any fluids (some gas). TP 1000 psi & well on 14/64" chk. Left log'g tool on btm & SI well & started SI log. Fin'd SI run @ 5 a.m. 9/8 & opened well to pit. Flwd gas & no fluids. SI well w/1000 psi TP.

SEP 8 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
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13-3/8" csg @ 291'
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. PB 12,890. 9/9 Well flwd 36.5 BO/H, 4 BW/H & 60 MCF gas/H on 27/64 chk w/770 psi FTP. 9/10 Well flwd 36.5 BO/H, 4 BW/H & 58.5 MCF gas/H on 27/64 chk w/600 psi FTP (600-550 psi FTP).

9/9-11/78

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. 24-hr production; 650 BO, 2 BW & 1042 MCF gas on a 17/64" chk w/1300 psi FTP. Scheduled to cut wax.

AUG 30 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. No report.

AUG 31 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. In 24 hrs flw'd 429BO, 12 BW, 696 MCF/gas, 16/64" choke, 1340 FTP. SI to check choke no plugging.

SEP 1 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
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13-3/8" csg @ 291'
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. On various tests, prod:

Date	BO	BW	MCF Gas	Chk	FTP
9/1	419	15	791	16/64"	1340
9/2	378	15	641	16/64"	1220
9/3	326	27	669	16/64"	1340
9/4	340	29	641	14/64"	1300

SEP 2 1978
5

2-10 B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

8/26-28/78

TD 13,500. POOH & LD milling shoe & wash pipe. 8/24 Ran GR/CCL in conjunction w/SCBL log to 13,450'. (SCBL log'g tool failed). Ran GR/CCL 13,430 to 10,700'. Ran Bkr CIBP & set @ 13,430. Closed rams & press tested csg to 1500#, ok. Ran SCDL 13,430-10,700'. Temp log 13,430' up to 10,700'. Ran 7" Bkr Mdl "D" pkr w/expendable plug in place, set @ 10,750'. 8/25 Finished LD work string. Picked up Bkr 1" seal nip + 345 jts 2-7/8" tbg & stung into pkr. Displaced mud out of tbg & csg w/clean wtr. Press @ 3800#, attempted to knock expendable plug. 8/26 1200# strain on knock out tools. Drop'd line cutting tool. Cut line off @ rope socket. Fish & cutting tool ok. Ran fish'g tool w/sinker bar & jars. Engaged fish & rec'd fish, ok. Ran baller & rec'd Barite. Ran jars & sinker bars; could not knock out plug. Press tbg to 1500, 200, 2500, 3000, 3500 & 4000; knocked out expendable plug out of pkr w/4000# on tbg. RU OWP. Shut well in & press increased to 1650# in 1st 10 mins, 1 hr 2000#. SD. 8/27 15 hrs SITP 2400#. Perf as per prog w/2-1/16 thru tbg gun decentralized w/6.5 gram charges. Tag'd btm, heavy mud 13,393. Perf 13,385 up to 11,699 (164 holes). Press increased to 2500# on 3rd run while perf'g 12,618 -12,436. 3rd run gun quit firing & press increased to 3000# on 4th run while perf'g 12,307-12,009. Press decreased to 2650# while perf'g up to 11,699 5th run. Shut well in overnight.

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

AUG 29 1978

TD 13,500. Continued perf'g. Ran gun #6 & set down on paraffin brides, several bridges @ 800,900 & 1000'; work'd gun thru. Set down @ 1230'; could not get gun below 1230'. Pulled gun out of hole & pmp'd 25 bbls diesel down tbg @ max press of 5200#, Immediate SI 4800, 5 mins 4750, 20 mins 4390. Ran gun #6 back in hole, gun flickered @ 1230'. Perf as per prog; 11,699-11,442 (top 5 shots did not fire), 3900# on tbg out of hole. Ran gun #7 (43 shots to finish all perfs except 12,411, 12,364, 12,360, 12,334 & 11,421.) Could not get below 13,272 to pick up shot @ 13,361. Pulled up & shot perf @ 12,411 & then started perf'g misfires in run #3 @ 12,568-13,323'. Gun quit firing after 19 shots. POOH & made run #8 to pick up all remaining shots not perf'd 13,364-11,300 in run #4, 3, 6 & 7; all shots fired. Total of 248 holes. Shots missed on prog were 13,361 & 13,427 down to 13,486 (12 shots misfired due to PO & heavy mud). 3300# on tbg w/gun out of hole last run. Opened well to pit to clean up. Turned to battery @ 2:00 a.m. 8/29/78. Released rig @ 8:00 p.m. 8/28/78 & turned well over to prod. 8/29 SITP @ 7:30 p.m. (8/28) was 2600 psi. Opened well to pit on a 13/64" chk & flw'd gas, oil & wtr from 7:30 pm to 9:45 a.m.. At 9:45 a.m. well started flw'g muddy wtr & @ 10:15 p.m. flw'd mud & flw'g muddy oil @ 10:50 p.m. At 11:10 p.m. well had clean yellow oil until 11:20 p.m. then it turned to mud until 2:15 p.m. At 2:15 p.m. the well was switched to the treater & in 5 hrs the well has prod'd 138 BO, 10 BW & 225 MCF gas on a 17/64" chk w/2000 FTP.

2-1084

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. POOH & rec'd milled over 7" Mdl "D" pkr. LD pkr & RU 4-1/8" OD x 3-1/4" ID mill + 4" OD x 3-1/2" ID x 25' long wash pipe. RIH picked up 84 jts tbg work string. Tag'd fill @ 12,741 & established rev circ. Rotated & rev circ down 1 jt to 12,771. Tag'd bridge @ 12,745. Milled & washed thru. Rec good blw of gas & small shale particles over shaker. (No big chunks of shale, no mud loss or gain in 3 hrs of circ). Shut pmp down & returns stop'd. Mud wt in & out 15.0 per gal.

AUG 23 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. RU slick line truck. Ran 1-1/2" blind box w/1-1/2 OD Hyd jars thru tbg & milling shoe. Ran mill to 13,370; and tag'd fill. Pulled back up to 13,350 and rev circ bottoms up while running mill to 13,376'. Plugged 1" chk on return line to tank w/shale several times. Switched manifold & unplug'd chk. Plug'd gooseneck on power swivel w/2" milled out pkr slips. (Large chunks would not come thru 3 x 2 high press swedge on gooseneck). Removed 1" chk on return line to tank. Removed power swivel & hooked up steel

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7" csg @ 11,292'
5-1/2" csg @ 13,500'

(Cont'd)
line to tbg TIW valve. Continued rev circ; ok, circ'd clean. Rec'd gas in mud; no great amt + small shale particles. Circ'd & conditioned mud for 3 hrs. Mud wt in 15.0# per gal & out 18.0# per gal. (POOH 125 stds 7800'.)

AUG 24 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. 8/24 RU OMP & ran GR/CCL in conjunction w/SCBL log. Ran to 13,450' & log'g tool failed. Ran GR/CCL, 13,430-10,700. Ran Bkr Mdl N CIBP & set @ 13,430. POOH & filled hole. Closed blind rams & press csg to 1500# for 15 mins, ok. (Ran SCBL log 13,430-10,700.) Ran HRD temp log 13,430-10,700 (BHT 240 deg @ 13,430). Ran 7" Bkr Mdl D pkr w/expendable plug in place. Set 7" pkr @ 10,750' RD OMP.

AUG 25 1978

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

8/19-21/78

TD 13,500. 8/18 Re-press tbg to 3000# & released press (surging) 6 times; could not break bridge in tbg. Circ mud in hole completely around 15.2# per gal in & 15.2# per gal out. RU slick line truck. Ran 2-1/8" OD gauge ring to 9494' (solid btm), 170' below previous TD check @ 9324'. POOH & RU OWP. Ran 2-7/8" Co International Elite cast iron BP. Set down @ 9410' & picked up & set BP @ 9373. POOH & press'd tbg to 3000# & released attempting to break tbg bridge. Removed tbg donut, closed pipe rams & press'd annulus to 1500#. Unstung from pkr & csg decreased to 0 immediately. Pmp'd 100 bbls 15.2# per gal mud down annulus. csg on vac (2 min) wait 30 mins & pmp 15 bbls 15.2# per gal mud down annulus. Caught 800# pmp press. Pmp'd 10 bbls mud @ 800# (total mud pmp'd in annulus 125 bbls), press decreased to 0 immediately. Shut tbg & csg in @ 7 p.m. w/gauge in valves to check & monitor press build up. 8/19 Load csg w/20 bbls 15.2# mud. Load tbg w/5 bbls 15.2 mud. Started POOH @ 7 a.m. LD gas mandrels. Load annulus w/15.2 mud as tbg pulled. RU Brown Oil Tools hot tapping equip. Started hot tapping tbg w/1" bit on btm of 23rd jt below btm mandrel w/TIW valve in top of jt (valve closed). Tapped hole 15' below tbg BP. Jt had 600# press trapped inside. Bled off press through tool 1" valve. Hot tapped next 12 jts (total 13 jts). Found trapped gas & several jts plug'd w/small shale particles w/no press. 13th jt (below tbg BP) @ 9776 had 1000# trapped inside tbg. Bled off gas to pit. Pmp'd down tbg & moved remainder of plugs in btm. 1000' of tbg still in hole. Switched manifold to rev circ. Pmp'd 50 bbls mud. Rev circ tbg clean + approx 40 bbls (rec'd gas, oil & shale slugs). Tbg clean & dead. RU OWP & ran 2-1/8" OD sinker bar, depth check w/TD of 12,745' (710' above top pre cut hole in liner @13,455') Checked TD 4-5 times w/ clean pick up each time @ 12,745'. Picked up Bkr 6-1/8" OD pkr picker & ran 4000' tbg in hole. 8/20 Finished run'g 6-1/8" OD Bkr pkr picker & tag'd pkr @ 10,775'. RU power swivel & latched into 7" Bkr mdl D pkr. Started mill'g using rev circ. Mud wt in 15.2 ppg; mud wt out 14.6 ppg (gas cut). Milled over pkr 3 hrs & pkr free. Plug'd chk

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7" csg @ 11,292'
5-1/2" csg @ 13,500'

(Cont'd)
in return line to mud circ'g tank & blew out stripper rubber. Closed pipe rams, CO chk & continued rev circ'g. Started gaining mud vol in return mud tank 1/2 way through 2nd complete circ (gained 10 bbls in tank; heavily gas cut). Mud wt in 14.8 ppg; mud wt out of hole 12.9 ppg. Shut well in @ 4 p.m. After 4 hrs SITP 50# & CP 0#.

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5-1/2" csg @ 13,500'

TD 13,500. 8/21 Circ'd & knocked gas out of mud in circ tank to mud pmp. Broke circ in hole & broke gas out of mud circ'd out of hole. Last 50 bbls (gas broke out &/or in formation) circ hole 2 times around w/15.0# mud in & out of hole; no flw back w/pmp shut off. Moved pkr up & down hole freely. Circ mud in tank through jets overnight.

AUG 2 2 1978

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
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5-1/2" csg @ 13,500'

TD 13,500. 8/14 Started bleeding off press to prep to fill hole w/mud. Bled down csg first & tbg press reduced so SI csg & opened tbg chk to pit & bled tbg to 0 w/approx 30 bbls wtr returns. Had 400 psi on csg with 0 on tbg. Bled csg to 0 w/only mist returns. Ran WL tools & retrieved gas lift valve from 8683'. Field inspection indicated valve trim, seat & check valve washed. Pmp'd 320 bbls 15# mud down tbg until had mud returns to pit. Checked wt of mud to pit @ 12#/gal. Required 1000 psi sfc press to displace hole w/mud. AUG 15 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
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13-3/8" csg @ 291'
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. Prep to RU work over rig to pull tbg.

AUG 16 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 5498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. 8/16 MI&RU WOW Rig #19. Installed BPV, removed 10,000# wellhead & installed 6" BOP's; removed BPV. Cleaned up mud tanks & wtr tanks for conditioning mud. SION.

AUG 17 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. 8/17 Finished RU Rig #19. RU BJ, mixed & raised mud wt 13.2 returns to 15.2# per gal in & out of hole. Mixed 400 sx barite & circ'd well down annulus & through gas mandrel @ 8680. Raised mud wt to 15.2# per gal. Closed csg valve & press'd tbg to 1500#. Held 15 mins (no bleed off) & increased tbg press in 500# increments to 3000#, waiting 15 mins each time. Left 3000# on tbg overnight w/no bleed off in 12 hrs. AUG 18 1978

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

AUG 1 0 1978

TD 13,500. 8/9 Filled tbg w/42.5 gals diesel @ 12:30 p.m. & press'd up to 6500 psi w/BJ pmp truck; unable to move plug. Opened well to flwline & rec'd approx 20 bbls diesel before open'g well to pit. Flw'd remainder of diesel to pit then prod'd some 20 bbls of crude & approx 5 bbls mud. Chk noises indicated solids passing & from 4:30 to 6:00 p.m. had chk plug'g problems w/formation chunks up to 3/4" wide. Installed 2" chk on pit line & fluid cleaned up. Turned well to battery & flw'd 43 BO w/0 wtr on 30/64" chk w/1100 psi FTP from 7:00 p.m. to 11:00 p.m. FTP drop'd to 350 psi. Opened up gas lift gas to csg. 8/10 Prod'd approx 20 bbls mud & formation chunks to pit from 12 midnight to 3:00 a.m., then started prod'g some yellow oil. At 4:00 a.m. well was prod'g mud & oil to pit. Turned well to battery @ 5:00 a.m. w/oil & gas production; did not prod any fluid in one hour. Prod'g gas & oil mist to pit @ 6:00 a.m. Total gas inj this period approx 1,560 MCF. Plan to SI well @ sfc for 1 hr w/gas lift gas on csg to equalize press then open full 2" chk to pit to rock well.

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AUG 1 1 1978

TD 13,500. 8/10 SI tbg chk & opened gas to annulus to build press in tbg to 1200 psi. Open'd tbg to pit to press. Performed this operation twice; unable to unplug tbg. RU BJ pmp truck & pmp'd 41 bbls of diesel in tbg & press'd tbg to 6500 psi w/1340 psi on csg. Press bled off to 0 on tbg in about 2 mins. Pmp'd an additional 22 bbls of diesel to displace tbg. Then pmp'd 19 bbls diesel @ 0 press to displace 7" csg & into 5" liner. Shut well in over night. 7:00 a.m. tbg & csg press equalized @ 1400 psi. Prep to check for fill w/OWP electric line.

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8/12-14/78

TD 13,500. 8/11 RU OWP & RIH w/2-1/8" OD feeler; did not locate FL. Felt sli obstruction @ 8826' & when work'g feeler thru interval 8826-8846 it indicated additional friction when pull'g up. Ran on down to 8900' & had excessive friction when pull'g up. POOH w/feeler & shot FL on tbg; FL determined to be @ 4433 in tbg & 4960 in csg. Prep to bleed off press & fill hole w/wtr. Bled tbg to 0 & csg press drop'g to 1080 psi; bled csg to 0. Pmp'd 244 bbls prod wtr & filled csg & tbg. Press'd tbg to 4000 psi & csg came up to 3200 psi. After 2 hrs had 3700 psi TP & 3100 CP. Left press on well overnight. 7/12 Had 3000 psi TP & 2400 psi CP. RI tbg w/WL, sinker bars & jars, (total 75# wt). Ran to 9010', ok then hit heavy fluid to 9177'; seemed like gas pocket @ 9177-9197'. Hit heavy fluid again @ 9197-9300' & 9300-9324'. Tools set down @ 9324'. Worked & spudded tools several times & was unable to work thru bridge or plug @ 9324'. Tools did not stick during spudding action. POOH w/WL tools & there were no marks on btm of tools. Hooked up hot oil truck to tbg & press'd up from 3000 to 4000 psi. Csg press increased from 2400 to 1400 psi. Left well SI. 8/13 TP 3500 psi & CP 3150 psi. 8/14 TP 3500 psi & CP 3150 psi.

2-10 B4

ALTAMONT
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(D)
13,500' Wasatch Test
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

AUG 4 1978

TD 13,500. Reamed 6" BOP & installed 10,000# tree w/extra 10,000 chk. RU slick line truck & ran 2" blind box w/1-1/2' OD sinker bars & jars. Tag'd knock out plug @ 10,800'. Press tbg to 3800 + 4200#; could not knock plug out of pkr Press tbg to 4500# & knocked plug out of pkr. Pulled slick line tools. Heavy blw down line to pit. Bled tbg press to 0 immediately w/constant 1" stream still flw'g to pit. Unloaded tbg (65 bbls prod wtr + 49 bbls drlg mud) in 2-1/2 hrs. Tbg press increased last 30 mins to 1500# while unloading drlg mud on a 32/64" chk. Shut well in 30 mins. Hooked up flw line etc & tbg press increased w/SI 1500 to 5150# (3650# increase in 30 mins). Turned well to battery @ 2 p.m. 8/3/78. Released rig 7 a.m. 8/4/78.
(Report discontinued until test established.)

ALTAMONT
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Brotherson 2-10B4
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13,500' Wasatch Test
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7" csg @ 11,292'
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TD 13,500. (RRD 8/4/78) On 24-hr test well pmp'd 815 BO, 0 BW, 1088 MCF gas w/1325 press.

AUG 8 1978

Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
EL 6277' GR
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. 8/7/78 RU WL unit & cut soft wax from sfc to 1600' also some wax @ 2200' then clean to btm of tbg. FTP increased from 1200 psi to 1400 psi. Treater pressure @ 72 psi. Sent sample to Ute Lab and determined pour point to be 105 deg F w/46 deg API Gravity. Started open'g chk from 22/64" to 34/64" to clean up well. Flw rate is limited by design press of treater (75 psi). Tbg press declined to 1000 psi w/well on 34/64" chk & well unloaded wtr

AUG 9 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D)
13,500' Wasatch Test
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7" csg @ 11,292'
5-1/2" csg @ 13,500'

(Cont'd)
(probably from annulus via gas lift mandrels w/gas lift valves in place). Continued to open chk to 64/64" w/500 psi FTP & 380 psi on flwline. Well shut-in automatically @ 1:00 a.m. 8/8/78 due to SWD tank problems. Mud was found upon draining treater. Wellhead press rose to 3000 psi during SI. In 17 hrs prior to shut-in, well prod'd 403 BO & 220 BW. Well was opened to the treater on a 25/64" chk w/1500 psi FTP & 320 psi on the flwline. At this time the well is prod'g clean oil & between 10:00 a.m. & 11:00 a.m. the well prod'd 42 BO plus 0 BW on a 33/64" chk w/750 psi FTP. By 12:15 p.m. wellhead press drop'd to 400 psi & w/the high flwline press well almost ceased flw'g. Opened well to pit & it flow'd mud, oil, gas & some wtr. Wellhead rose to 1000 psi. Continued to flw well to pit in the p.m. Well prod'g mud, yellow & green oil, wtr & gas. Began pmp'g hot wtr down flwline to clear possible obstruction. Also began injecting gas into annulus. In 30 mins, press went from 0 to 800 psi. Well appeared to be flw'g so gas lift gas was shut off. At 6:00 p.m. the well ceased flw'g & gas lift gas was started. The well lifted mud & wtr w/some oil until about 2:30 a.m. 8/9/78 when all fluid ceased & gas lift gas was circulating. Well was shut-in

2-1084

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D) Brinkerhoff #69
13,500' Wasatch Test
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13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

13,500/80/74/0. Testing 7" csg. Ran 63 jts 5" 18# P-110 SFJP liner w/8 3/4" holes in shoe jt & plain guide @ 13,500'. Top Burns lead seal liner hanger @ 11,085'. Tested csg @ 11,080' @ 3000# for 5 mins, ok.
Mud: (.780) 15 x 44 x 5.6

JUL 21 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

7/22: 13,500/80/75/0. LD DP. Pulled to 8000 & tested csg w/3500 psi, 5 mins, ok. Pulled to 4000 & tested csg w/4500 psi, 5 mins, ok. RD Shell equip. Set Mdl "D" pkr @ 10,775 w/OWP, collar @ 10,755-10,799. LD DP & DC's.
Mud: (.780) 15 x 46
7/23: 13,500/80/76/0. MORT. Washing to pit & ND.
Mud: (.780) 15 x 45
Released rig @ 12 p.m. 7/22/78.
(Report discontinued until further activity.)
Cost $1,408,610 7/22-24/78

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. (RRD 7/24/78). AFE #573511 provides funds to complete well. MI & RU completion rig. Removed tree & 1 10 x 10 spool. Installed BOP equip.

AUG 1 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. Ran Bkr no go + smooth seal assembly (no seals). Tallied tbg in hole; rev circ'd mud out of hole @ 5000'. Ran tbg to btm & tag'd 7" pkr @ 10,775. Rev circ'd mud out of hole. Max press 3900# @ btm. Pmp'd 30 bbls BJ mud flush when displacing mud @ btm. Circ'd hole clean.

AUG 2 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-1084
(D)
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'
5-1/2" csg @ 13,500'

TD 13,500. POOH & LD Bkr no go & slick seal assembly (no seals). Ran Bkr BL on-off connector, seating nip, gas lift mandrels & tbg as per prog. Mandrels spaced @ 3025, 4975, 6220, 6940, 7520, 8100 & 8680. Latched into pkr @ 10,775 & spaced out w/12,000# tension. Press tested tbg to 7000#, ok.

AUG 3 1978

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

12,625/80/66/153. Drlg. BG 10 units.
Mud: (.780) 15 x 43 x 6.2

JUL 13 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

12,960/80/67/135. Drlg. BG 10 units; high 180 units.
Mud: (.780) 15 x 43 x 6

JUL 14 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

7/15: 13094/80/68/134. Drlg. BG 20 units; high 25 units.
Mud: (.780) 15 x 42 x 5.8
7/16: 13214/80/69/120. Drlg. BG 15 units; high 60 units.
Mud: (.780) 15 x 44 x 5.6
7/17: 13348/80/70/134. Drlg. BG 15 units; high 45 units.
Mud: (.780) 15 x 44 x 5.6 7/15-17/78

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

13467/80/71/119. Drlg. BG 15 units; high 45 units.
Mud: (.780) 15 x 44 x 5.6

JUL 18 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

13500/80/72/33. Log'g. BG 15 units.
Mud: (.780) 15 x 42 x 5.6

JUL 19 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

13,500/80/73/0. Run'g Liner. BG 35 units.
Mud: (.780) 15 x 44 x 5.6

JUL 20 1978

2-10 B4

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

12052/80/59/77. Drlg. Lost returns @ 12,020. Spot'd 75 bbls pill w/10#/bbl med + 5#/bbl fine. Spot'd 100 bbls pill w/20#/bbl CSE + 10#/bbl med + 5#/bbl fine. Let hole heal & cond mud. Established 100% returns. Lost 250 bbls mud & 220 units gas on BU.
Mud: (.780) 15 x 43 x 6.6

JUL 6 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

12163/80/60/111. Drlg.
Mud: (.780) 15 x 43 x 6.8

JUL 7 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

7/8: 12,194/80/61/31. TIH. Tested BOP, rams, valves & chk manifold to 5000# & hyd to 2500#. Magnafluxed DC's; found cracked box 4 DC's from bit. CG 285 units & BG 40.
Mud: (.780) 15 x 43 x 6.8
7/9: 12,304/80/62/110. Drlg. CG 40-50 units, BG 20-40 & Trip 1400.
Mud: (.780) 15 x 43 x 6.8
7/10: 12,438/80/63/134. Drlg. CG 45 units & BG 25.
Mud: (.785) 15.1 x 44 x 6.4 7/8-10/78

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

12561/80/64/123. Drlg. Background gas 20 units & connection gas 35 units.
Mud: (.780) 15 x 43 x 6.6

JUL 11 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

12,672/80/65/111. Drlg.
Mud: (.785) 15.1 x 44 x 6.4

JUL 12 1978

2-10B4

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

11294/80/51/1. TIH for mill & junk sub. Drld cmt & float equip. POOH LD junk sub & mill. PU BHA & TIH. Seat bit & drill; worked stuck pipe free. POOH & LD bit & stabilizers.
Mud: (.655) 12.6 x 43 x 8

JUN 2 8 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

11336/80/52/42. Drlg.
Mud: (.655) 12.6 x 44 x 8.2

JUN 2 9 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

11449/80/53/113. Drlg. Background gas 0-4 units & Connection gas 0 units.
Mud: (.676) 13 x 43 x 7.6

JUN 3 0 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

7/1: 11541/80/54/92. Drlg. Background gas 800 units max & connection gas 1000 units max.
Mud: (.707) 13.6 x 43 x 7.6
7/2: 11645/80/55/104. Drlg. Background gas 18 units & connection gas 32 units.
Mud: (.728) 14.0 x 46 x 6.2
7/3: 11762/80/56/117. Drlg. Background gas 25 units & connection gas 18-20 units.
Mud: (.738) 14.2 x 45 x 6.0 7/1-3/78

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

7/4: 11875/80/57/113. Drlg. Lost 70 bbls mud 11833'-11853'. Seepage type loss & hole healed. Background gas 16-20 units & connection gas 35 units.
Mud: (.769) 14.8 x 45 x 6.6
7/3: 11975/80/58/100. Drlg. Background gas 10-15 units & connection gas 18 units.
Mud: (.774) 14.9 x 46 x 6.4 7/4-5/78

2-10 B4

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

10751/80/36/240. Drlg.
Mud: (.582) 11.2 x 40 x 8.6

JUN 13 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

10850/80/37/99. Drlg.
Mud: (.598) 11.5 x 41 x 7.2

JUN 14 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

10850/80/38/0. Circ out gas. POOH, left all 3 cones in hole. Slip & cut drlg line. Picked up Bowen junk basket w/mill shoe & RIH. Circ bttms up, milled on junk, cut approx 8" hole, worked mill approx 1 hr after drop'g ball; dry job. POOH, no recovery. Picked up magnet & junk sub & run in & circ out gas.

JUN 15 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

10858/80/39/8. Drlg. Finished circ out gas, worked magnet on junk; dry job. POOH & rec'd 2 cones; nose ends cut off. RIH w/junk mill, milled on junk; hole seemed clean & made 2' hole; dry job. POOH & picked up Drlg assembly. RIH & washed & reamed rat hole. Drlg hole is clean. Installed 16 mesh shaker screens. Conn gas 600, trip gas 980 & back ground gas 412.
Mud: (.598) 11.5 x 42 x 6.4

JUN 16 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

6/17: 10973/80/40/115. Drlg.
Mud: (.598) 11.5 x 40 x 6.8
6/18: 11045/80/41/72. Drlg.
Mud: (.598) 11.5 x 41 x 6.6
6/19: 11179/80/42/134. Drlg.
Mud: (.598) 11.5 x 40 x 6.2
6/17-19/78

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

11276/80/43/97. Drlg.
Mud: (.598) 11.5 x 40 x 6.8

JUN 20 1978

2-10 D4

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

11293/80/44/17. Log'g. Drld to 11293' & bit quit. Made 10 std wiper runs & circ 2 hrs for log'g; dry job. Drop'd survey & POOH. Ran Sonic/GR & CNL/FDC. Dev: 1/2 deg @ 11,260'.
Mud: (.598) 11.5 x 40 x 6.6

JUN 21 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

11293/80/45/0. RU csg crew. Ran DC in hole & cut drlg line. Circ'd & conditioned mud; 1000 units gas, mud cut to 8.5 w/gas & oil. LD DP & DC. RU csg crew.
Mud: (.598) 11.5 x 42 x 6.8

JUN 22 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

11293/80/46/0. Circ thru DV. RU & ran 255 jts new 26#, 7" S95 to 11,292'. FS 11,289.65, FC 11,240.62, Baffle 11,193.25, DV 8882.35 & Pkr DV 6396.94. Cmt'd 1st stage & overdispl'd 1-1/2 bbls. Did not bump plug; floats held.

JUN 23 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

6/24-26/78

6/24: 11293/80/47/0. Nip'g up BOP. Cmt'd 1st stage w/ 175 sx Halco lite + .5% CFR-2, tailed in w/ 445 sx Class "G" + .75% CFR-2 & 2% HR-5. Cmt'd 2nd stage w/415 sx lite w/.5% CFR-2 mixed @ 12.4 ppg; lost returns on last 160 bbls displacing. Opened DV @ 6397' & circ'd w/full returns. Cmt'd 3rd stage w/500 sx lite + .5% CFR-2, 12.4 ppg & 1.97 yield. Had 100% returns. Bumped plug & closed DV @ 3:30 pm.
6/25: 11293/80/48/0. Pick'g up 3-1/2 DP. Changed Kelly & tested BOP's.
6/26: 11293/80/49/0. Drlg cmt. Top of cmt @ 10,780'.
Mud: (.598) 11.5 x 43 x 8.6

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'
7" csg @ 11,292'

11293/80/50/0. Drlg cmt. Drld from 10,870-11,270'.
Mud: (.650) 12.5 x 44 x 8.6

JUN 27 1978

2-10B4

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

6/3: 7195/80/26/440. Drlg.
Mud: (.452) 8.7 x 29
6/4: 7645/80/27/450. Drlg.
Mud: (.542) 8.7 x 29
6/5: 8060/80/28/415. Drlg.

6/3-5/78

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

8460/80/29/380. Drlg.
Mud: (.447) 8.6 x 28

JUN 6 1978

RH

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

8780/80/30/360. Drlg. Dev: 1 deg @ 8600'.
Mud: (.431) 8.3

JUN 7 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

9465/80/31/685. Drlg.
Mud: (.431) 8.3

JUN 8 1978

LR

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

9977/80/32/512. Drlg.
Mud: (.452) 8.7 x 32 x 18.6

JUN 9 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

6/10-12/78

6/10: 10260/80/33/283. Drlg.
Mud: (.478) 9.2 x 33 x 16.6
6/11: 10451/80/34/191. Trip'g Out. Building mud wt as per prog. Installed Cameron choke equip & Drilco De-gasser.
Mud: (.468) 9 x 35 x 14.2
6/12: 10511/80/35/60. Trip'g In. Checked pmps & found leak. Washed out on 103-2/3 stands down in slip area. RIH.
Mud: (.525) 10.1 x 36 x 12.2

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

No report.

MAY 2 6 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5/27: 6252/80/19/402 (2 days). TOOH. Hit a bridge @ 4700'. Working thru w/high torque.
Mud: (.452) 8.7 x 33 x 14.8
5/28: 6320/80/20/68. Drlg. Wash & ream @ 4730. Washing & reaming from 4700 to 6252. Hole falling in.
Mud: (.468) 9.0 x 43 x 10

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5/27-30/78

(Cont'd)
5/29: 6437/80/21/117. Drlg. Drld to 6342, circ 1-1/2 hrs w/46 vis 90 ppg. Cutting stopped coming up, started trip out. 3rd to the 17th std pulled tight. Going back in hit fill @ 5100'. Reamed to 5472, ran to 6187, reamed to btm.
Mud: (.478) 9.2 x 51 x 8.8
5/30: 6515/80/22/78. Making short trip. 3' of fill on btm.
Mud: (.478) 9.2 x 55 x 8.6

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

6515/80/23/0. WOC. Ran 9-5/8" K55 36# LT&C, shoe @ 6498' & FC @ 6418'. Cmt'd w/635 sx Hal lite. Tailed in w/275 sx Class "G". Float held, displaced w/496.5 bbls wtr.

MAY 3 1 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

6515/80/24/0. Picking up DC. Test BOP.

JUN 1 1978

ALTAMONT
Shell-Tenneco
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'
9-5/8" csg @ 6498'

6755/80/25/240. Drlg. Drill cmt plug float 8 hrs.
Mud: (.447) 8.6 x 36

JUN 2 1978

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

3661/80/9/431. Drlg.
Mud: (.433) 8.33 x 27

MAY 17 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

4094/80/10/433. Drlg. Dev: 1/2 deg @ 3728'.
Mud: (.431) 8.3 x 27

MAY 18 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

4324/80/11/230. Tripping out w/fish. Twist off. Circ & wash over fish.
Mud: (.431) 8.3 x 27

MAY 19 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5/20: 4524/80/12/200. Drlg.
Mud: (.433) 8.33 x 27
5/21: 4840/80/13/324. Drlg.
Mud: (.433) 8.33 x 27
5/22: 5182/80/14/334. Drlg.
Mud: (.433) 8.33 x 27

5/20-22/78

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5293/80/15/111. Trying to ream to btm. Wash & ream from 4885-5030.
Mud: (.433) 8.3 x 27

MAY 23 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5510/80/16/217. Drlg.
Mud: (.447) 8.6 x 32 x 18.8

MAY 24 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5770/80/17/280. Drlg.
Mud: (.457) 8.8 x 32 x 15.2

MAY 25 1978

2-10B4

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR

"FR" 203/80/1/203. Drlg. Located 1364' FWL & 1241' FSL, SE/4 SW/4 Section 10-T2S-R4W, Duchesne County, Utah. Spudded 8 p.m. 5/8/78. Shell's Working Interest: 79.35%. Dev: 3/4 deg @ 112' & 1/2 deg @ 175'.
Mud: (.462) 8.9 x 30

MAY 9 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

291/80/2/88. Weld'g on CIW flange. Ran 7 jts 13-3/8" 54.5# K55 ST&C csg & cmt'd w/450 sx (515 cu ft) Class "G" w/2% CaCl2. Had cmt returns to sfc (15 bbls). CIP @ 6:45 p.m. 5/9/78. Cut off 24" & 13-3/8" pipe. Dev: 1/4 deg @ 291'.
Mud: (.442) 8.5 x 35

MAY 10 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

291/80/3/0. NU BOP's. Fin'd welding hd & tested to 800# for 15 mins, ok.
Mud: Wtr

MAY 11 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

291/80/4/0. Drlg baffle plate. NU & tested BOP's & equip. PU BHA & RIH.
Mud: Wtr

MAY 12 1978

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

5/13-15/78

5/13: 1176/80/5/885. WO overshot. DO cmt to 275'. Tested csg to 1000 psi 15 mins, ok. Drld cmt & shoe. Twisted off DP; left 10 9" DC's & 2 8" DC's in hole. Dev: 3/4 deg @ 531', 3/4 deg @ 778' & 1/2 deg @ 1028'.
Mud: Wtr
5/14: 1837/80/6/661. Drlg. Made up fish'g tools & RIH w/overshot. POOH w/fish. Dev: 3/4 deg @ 1784'.
Mud: Wtr
5/15: 2640/80/7/803. Drlg. Dev: 3/4 deg @ 1995'.
Mud: Wtr

ALTAMONT
Shell-Tenneco-
Brotherson 2-10B4
(D) Brinkerhoff #69
13,500' Wasatch Test
EL 6277' GR
13-3/8" csg @ 291'

3230/80/8/590. Trip'g. Tripped @ 2693'. Dev: 3/4 deg @ 2740'.
Mud: (.433) 8.33 x 27

MAY 16 1978

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: Shell Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1364' FWL & 1241' FSL

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Brotherson

9. WELL NO.: 2-10B4

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 SW/4 Sec. 10-T2S-R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6297' KB

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	X	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.)*

See attached.

RECEIVED
SEP 18 1980
DIVISION OF OIL, GAS & MINING

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

SIGNED _____ TITLE Division Production Engineer DATE 9/15/80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
BROTHERSON 2-10B4
ALTAMONT FIELD

PERTINENT DATA:

KB elevation: 6297' KB-GL 20'
TD: 13,500' PBTD: CIBP @ 13,430, cleaned out to 13,399' on 2-22-79

9-5/8", 36#, K-55 @ 6498'
7", 26#, S-95 @ 11,292'
5", 18#, N-80, S-95 and P-110 @ 13,499' (uncemented)
5" liner top @ 11,101' (CBL depth)

7" Baker Model "D" packer @ 11,070' w/6' millout extension and Otis "N" Nipple (1.791" I.D.)

Perforations: 248 holes, 11,300' - 13,385'
180 holes, 11,090' - 11,252' (3 JSPF in 19 zones)

PROCEDURE:

1. MI&RU workover rig. Install and test BOPE as per field specifications.

2. On wireline, run an Otis 2" "PN" plug into the "N" landing nipple at ± 11,076'. Pressure test tubing to 3000 psi.

3. Release tubing from Model "D" packer @ 11,070' and POOH with tubing and seal assembly, laying down mandrels.

4. Rig up perforators with lubricator (test to 3000 psi) and perforate as per Attachment I.

5. a.) If well does not have pressure after perforating, run tubing with 7" Fullbore packer, unloading sub, and "plus-45" seating nipple. Set packer at ± 10,650', test tubing to 6500 psi and casing to 2500 psi. Install 10,000 psi tree.

   b.) If well has pressure after perforating, lubricate in a 7" Model "D" packer with flapper and set at ± 10,650'. Run tubing with anchor seal assembly and "plus-45" seating nipple. Test tubing to 6500 psi. Latch into packer, test casing to 2500 psi, land tubing and install 10,000 psi tree.

6. Acid treat gross perfs 10,782' - 11,057' (249 holes) with 17,500 gallons 7-1/2% HCl as follows:

   a) Pump 4000 gallons 7-1/2% HCl, dropping one ball sealer (7/8", RCN) every 100 gallons.

   b) Pump 500 gallons 7-1/2% HCl containing 500# BAF (benzoic acid flakes).

   c) Repeat Step (a) three more times and Step (b) two more times.

   TOTALS: 17,500 gallons 7-1/2% HCl, 1500# BAF, 160 balls.

   d) Flush with 4000 gallons clean produced water.

   e) Record ISIP and pressure fall-off for at least 30 minutes.

   NOTE:
   1. All acid and flush to contain sufficient friction reducing agent for 50% friction reduction and 1# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
   2. Acid to contain sufficient inhibitor for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
   3. Heat all fluids to 100°F.
   4. Inject acid and flush at maximum rate while not exceeding 9000 psi surface pressure. Hold 2500 psi on annulus throughout job.
   5. Increase amount of diverting material as necessary to obtain a gradual increase in treating pressure and/or decrease in pumping rate.

7. Run GR log from PBTD to ± 100 feet above packer at 10,650'.

8. Attempt to flow well. If well will not flow, round trip tubing to run GL equipment (same design as before, with orifice one joint above packer) and put well on GL production.

9. Stabilize well at maximum producing rate in preparation for a production log. A logging prognosis will be issued at this time.

MRS:maf
4-4-79

G. L. Thompson

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: Shell Oil Company ATTN: C. A. Miller 6494 WCK.

3. ADDRESS OF OPERATOR: P. O. Box 831 Houston, Tx. 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1241' FSL & 1364' FWL Sec. 10

5. LEASE DESIGNATION AND SERIAL NO.: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Brotherson

9. WELL NO.: 2-10B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 SW/4 Sec. 10 T2S R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30443

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6297'

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	XX	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.)*

Current Status: Currently producing 73 BOPD + 474 BWPD + 236 MCFGPD from Wasatch (10,782'-13,385').

Proposed Work: Clean out to PBTD (CIBP @ 13,430'). Acid treat perforations with 50,000 gallons of 7-1/2% HCL. Return well to production.

RECEIVED
NOV 21 1983
DIV. OF OIL, GAS & MINING

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

SIGNED: LAO CAMILLER TITLE: Div. Oper Engr. DATE: 11/22/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Shell Oil Company

P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

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
Shell Western E&P Inc. ATTN: C. A. Miller 6494 WCK.

3. ADDRESS OF OPERATOR
P. O. Box 831 Houston, Tx. 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1241' FSL & 1364' FWL Sec. 10

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brotherson

9. WELL NO.
2-10B4

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 SW/4
Sec. 10 T2S R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6297'

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.)*

COMPLETED OPERATIONS
(12/10-19/83)

Cleaned out to PBTD (CIBP @ 13,430'). Acid treated Wasatch (10,782'-13,385') with 50,000 gallons 7-1/2% HCL. Returned well to production.

RECEIVED
JAN 11 1984
DIVISION OF
OIL, GAS & MINING

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

SIGNED C. A. Miller TITLE Div. Oper. Engr. DATE 1/3/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 2-10B4

LABEL: FIRST REPORT
WO NO.: 597887
FOREMAN: B.J. THOMPSON
RIG: WOW 17
AUTH. AMNT: 115000
DAILY COST: 691
CUM. COST: 691
TYPE OF JOB: CLEAN OUT ACID TREAT
OBJECTIVE: WASATCH

DATE(S): 12-10-83
PRESENT STATUS: RIG UP
LATEST TEST: AVE FOR NOV 64 OIL 409 WTR

ACTIVITY: MOVE RIG TO LOCATION UNLOAD
02 EQUIP SOON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 2-10B4

LABEL: -----
WO NO.: 597887
FOREMAN: B.J. THOMPSON
RIG: WOW 17
AUTH. AMNT: 115000
DAILY COST: 2546
CUM. COST: 3237
TYPE OF JOB: CLEAN OUT ACID TREAT
OBJECTIVE: WASATCH

RECEIVED
JAN 11 1984
DIVISION OF
OIL, GAS & MINING

DATE(S): 12-12-83
PRESENT STATUS: POOH W/ PROD TBG

ACTIVITY: RIG UP BLED WELL PUMP 300 BBLS WTR DOWN
02 CSG 100 BBLS DOWN TBG REMOVE TREE
03 INSTALL AND TEST 6 IN ACME BOP RELEASE PKR TRY TO
04 RIH TO 5 IN LINER TOP WOULDNT GO DOWN HOLE START
05 TALLING OOH SOON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 2-10B4

LABEL: -----
WO NO.: 597887
FOREMAN: B.J. THOMPSON
RIG: WOW 17
AUTH. AMNT: 115000
DAILY COST: 1863
CUM. COST: 5100
TYPE OF JOB: CLEAN OUT ACID TREAT
OBJECTIVE: WASATCH

DATE(S): 12-13-83
PRESENT STATUS: RIH W/ MILL

ACTIVITY: BLED WELL PUMP DOWN CSG AND TBG FIN POOH L/D
02 MANDRELS AND PKR MADE UP 6 1/8 IN MILL START
03 IN HOLE SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 2-10B4

LABEL: -----
WO NO.: 597887
FOREMAN: B.J. THOMPSON
RIG: WOW 17
AUTH. AMNT: 115000
DAILY COST: 2947
CUM. COST: 8047
TYPE OF JOB: CLEAN OUT ACID TREAT
OBJECTIVE: WASATCH

RECEIVED
JAN 11 1984
DIVISION OF
OIL, GAS & MINING

DATE(S): 12-14-83
PRESENT STATUS: MILL 5 IN LINER

ACTIVITY: BLED WELL PUMP DOWN TBG CONT RIH W/ MILL TO 5 IN
02 LINER TOP AT 11101 FT POOH RIH W/ 4 1/8 IN
03 MILL TO 5 IN LINER TOP SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 2-10B4

LABEL: -----
WO NO.: 597887
FOREMAN: B.J. THOMPSON
RIG: WOW 17
AUTH. AMNT: 115000
DAILY COST: 5997
CUM. COST: 14044
TYPE OF JOB: CLEAN OUT ACID TREAT
OBJECTIVE: WASATCH

DATE(S): 12-15-83
PRESENT STATUS: RIH W/ 7 IN PKR

ACTIVITY:
02 BLED WELL P/U WORK STRING AND CLEAN OUT LINER TO
03 13430 FT POOH LAY DOWN WORK STRING AND MILL START
IN HOLE W/ 7 IN MT STATES HD PKR SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 2-10B4

RECEIVED
JAN 11 1984
DIVISION OF
OIL, GAS & MINING

LABEL: -----
WO NO.: 597887
FOREMAN: B.J. THOMPSON
RIG: WOW 17
AUTH. AMNT: 115000
DAILY COST: 37057 1863
CUM. COST: 51101 52964
TYPE OF JOB: CLEAN OUT ACID TREAT
OBJECTIVE: WASATCH

DATE(S): 12-16 AND 12-17-83
PRESENT STATUS: RUN PROD TBG

ACTIVITY:
02 BLED WELL FIN RIH W/ TBG AND 7 IN HD PKR SET AT
03 10700 FT W/ 30000 LBS COMP INSTALL 10000 LB FRAC
04 TREE R/U NOWSCO PUMPED 50000 GAL 7 1/2 % HCL AT
05 AVE PRESS 7550 LBS AVE RATE 17.9 BBLS/ MIN USED
06 550 BALLS AND 12500 LBS BAF FLUSHED W/ 125 BBLS
07 PROD WTR HELD 1500 LBS ON CSG ISIP 0 R/D NOWSCO SDON
08 12-17-83 BLED WELL 1400 LBS PUMP DOWN TBG INSTALL
09 AND TEST 6 IN BOP RELEASE PKR PUMP DOWN WELL AGAIN
10 POOH START IN HOLE W/ 7 IN 32-A MT STATES PKR
INSTALLING CAMCOS AS PER PROG SDON

STATE:	UTAH
FIELD:	ALTAMONT
WELL:	BROTHERSON 2-10B4
LABEL:	FINAL REPORT
WO NO.:	597887
FOREMAN:	B.J. THOMPSON
RIG:	WOW 17
AUTH. AMNT:	115000
DAILY COST:	7202
CUM. COST:	60166
TYPE OF JOB:	CLEAN OUT ACID TREAT
OBJECTIVE:	WASATCH
DATE(S):	12-19-83
PRESENT STATUS:	MOVE

ACTIVITY:
02 BLED WELL PUMP DOWN TBG AND CSG FIN RIH W/ PROD TBG
03 SET PKR AT 10680 FT W/ 15000 LBS TENSION INSTALL
04 AND TEST 5000 LB TREE RIG DOWN AND MOVE
7 DAYS TEST DATA TO FOLLOW

RECEIVED
JAN 24 1984
DIVISION OF
OIL, GAS & MINING

PRD427[redacted]54I9

4241 State Office Building:Salt Lake City, Ut. 84114.● 801-533-5771

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

Duchesne

UTEX OIL CO.
% SHELL WESTERN E&P INC.

[redacted]
PO BOX 576
HOUSTON TX 77001
ATTN: R.T. KENT, OIL ACCT.

Operator name change

N1CEC

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report ☐

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
FARNSWORTH 1-07B4 4301330097	01600	02S 04W 7	WSTC	SI 0	0	0	0
FARNSWORTH 1-13B5 4301330092	01610	02S 05W 13	WSTC	21	685	2847	4206
BROTHERSON 1-10B4 4301330110	01615	02S 04W 10	WSTC	0	0	0	0
BROTHERSON 2-10B4 4301330443	01615	02S 04W 10	WSTC	23	2785	1147	1686
CHATWIN 1-21A4 4301330101	01620	01S 04W 21	GRRV	23	1604	1584	6220
POWELL 1-33A3 4301330105	01625	01S 03W 33	WSTC	0	0	0	0
BABCOCK 1-12B4 4301330104	01630	02S 04W 12	WSTC	22	923	1016	7871
HANSON TRUST 1-05B3 4301330109	01635	02S 03W 5	GR-WS	21	576	1038	4377
HANSON 1-32A3 4301330141	01640	01S 03W 32	WSTC	21	65	1069	3080
FARNSWORTH 1-12B5 4301330124	01645	02S 05W 12	WSTC	31	2326	546	12710
UTE TRIBAL 1-20B5 4301330376	01650	02S 05W 20	WSTC	17	1211	0	1160
ELLSWORTH 1-08B4 4301330112	01655	02S 04W 8	WSTC	0	0	0	0
ELLSWORTH 1-09B4 4301330118	01660	02S 04W 9	WSTC	20	758	418	4322
			TOTAL		10933	10218	56632

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Authorized signature

Telephone

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

010984

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: ANR Limited Inc.

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

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

RECEIVED DEC 31 1986 DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Brotherson

9. WELL NO.: 2-10B4

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10 2S 4W

12. COUNTY OR PARISH: Duchesne

13. STATE

14. PERMIT NO.: 43-013-30443

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

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 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.)*

ANR Limited has been elected successor Operator to Utex Oil Company on the oil wells described on the attached Exhibit "A".

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

SIGNED: Jon K. Nelson TITLE: Dist. Land Mgr. DATE: 12/24/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTAH NATURAL RESOURCES
Oil, Gas & Mining
355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

ANR LIMITED INC./COASTAL
P O BOX 749
DENVER CO 80201 0749
ATTN: RANDY WAHL

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report ☐

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE UNIT 1-34A4 4301330076	01585	01S 04W 34	WSTC				
MONSEN 1-21A3 4301330082	01590	01S 03W 21	GR-WS				
BROADHEAD 1-21B6 4301330100	01595	02S 06W 21	WSTC				
FARNSWORTH 1-07B4 4301330097	01600	02S 04W 7	WSTC				
FARNSWORTH 1-13B5 4301330092	01610	02S 05W 13	WSTC				
BROTHERSON 1-10B4 4301330110	01614	02S 04W 10	WSTC				
BROTHERSON 2-10B4 4301330443	01615	02S 04W 10	WSTC				
CHATWIN 1-21A4 4301330101	01620	01S 04W 21	GRRV				
POWELL 1-33A3 4301330105	01625	01S 03W 33	WSTC				
BABCOCK 1-12B4 4301330104	01630	02S 04W 12	WSTC				
HANSON TRUST 1-05B3 4301330109	01635	02S 03W 5	GR-WS				
HANSON 1-32A3 4301330141	01640	01S 03W 32	WSTC				
FARNSWORTH 1-12B5 4301330124	01645	02S 05W 12	WSTC				
			TOTAL				

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date

Authorized signature Telephone

PLEASE COMPLETE FORMS IN BLACK INK

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 DEC 7 1987 DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: Patented POW-WSTC

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 121115

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

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: ANR Limited Inc.

8. FARM OR LEASE NAME: Brotherson

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 2-10B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1241' FSL & 1364' FWL

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: (SESW) Sec. 10-T2S-R4W

14. PERMIT NO.: 43-013-30443

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6297' KB

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:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
(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.)*

Convert well from gas lift to rod pump.

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

SIGNED Brenda W. Swank (Brenda W. Swank) TITLE Assoc. Regulatory Analyst DATE 12/3/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.

ANR Production Company
a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988
DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

Coastal Tower, Nine Greenway Plaza, Houston, Texas 77046-0995 • (713) 877-1400

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

FEB 25 1988

DIVISION OF OIL, GAS & MINING

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

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1241' FSL & 1364' FWL

5. LEASE DESIGNATION AND SERIAL NO.: Patented POW/WSTC

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A 030304

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Brotherson

9. WELL NO.: 2-10B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 10-T2S-R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30443

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6297' KB

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) Convert well to rod pump			[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.)*

Well converted from gas lift to rod pump January 31, 1988. Well returned to production February 1, 1988.

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

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 2-18-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 FEB 25 1988 DIVISION OF OIL, GAS & MINING

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

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1241' FSL & 1364' FWL

5. LEASE DESIGNATION AND SERIAL NO.: Patented POW / WSTC

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 030304

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Brotherson

9. WELL NO.: 2-10B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: (SE SW) Section 10-T2S-R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-30443

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6297' KB

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.)*

Procedure for workover starting 9/10/87 and completed 1/5/88.

1) MIRU. POOH w/production equipment
Clean out liner to PBTD 13,430'.

2) Set CIBP @ 13,430' and cement retainer at 10,750'.
Cement squeeze perfs (11,101'-10,782').

3) Drill out cement retainer, cement and CIBP.

4) Acidize perfs (10,782'-13,385') w/18,000 gallons 15% HCL w/additives and ball sealers.

5) Flow back acid load. Pull tubing and packer.

6) Ran production equipment. Put well on production.

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

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 2-19-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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.

Form 9

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

6. Lease Designation and Serial Number: Patented

7. Indian Allottee or Tribe Name: N/A

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— for such proposals.

8. Unit or Communitization Agreement: N/A

1. Type of Well: [XX] Oil Well [ ] Gas Well [ ] Other (specify)

9. Well Name and Number: Brotherson #2-10B4

2. Name of Operator: ANR Production Company

10. API Well Number: 43-013-30443

3. Address of Operator: P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number: (303) 573-4476

11. Field and Pool, or Wildcat: Altamont

5. Location of Well
Footage: 1241' FSL & 1364' FWL
County: Duchesne
QQ, Sec, T., R., M.: SE/SW Section 10, T2S-R4W
State: UTAH

12. 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
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- [ ] Abandonment *
- [ ] Casing Repair
- [ ] Change of Plans
- [ ] Conversion to Injection
- [ ] Fracture Treat
- [XX] Other Annual Status Report
- [ ] 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.

13. 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.)

The above referenced well has been shut-in because it is uneconomical to produce. This well is a future workover candidate.

RECEIVED
MAR 19 1992
DIVISION OF
OIL GAS & MINING

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

Name & Signature: Eileen Danni Dey Title: Regulatory Analyst Date: 3/16/92

(State Use Only)

Form 9

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

6. Lease Designation and Serial Number: Patented

7. Indian Allottee or Tribe Name: N/A

8. Unit or Communitization Agreement: N/A

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 — for such proposals.

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

9. Well Name and Number: Brotherson #2-10B4

2. Name of Operator: ANR Production Company

10. API Well Number: 43-013-30443

3. Address of Operator: P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number: (303) 573-4476

11. Field and Pool, or Wildcat: Altamont

5. Location of Well

Footage : 1241' FSL & 1364' FWL
QQ, Sec, T., R., M. : SE/SW Section 10, T2S-R4W
County : Duchesne
State : UTAH

12. 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
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [X] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate Date Work Will Start: 1/15/93

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.

13. 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 procedure to recomplete the above referenced well to the Green River formation.

RECEIVED
DEC 23 1992
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
DATE: 12-28-92
BY: [illegible]

I hereby certify that the foregoing is true and correct

Name & Signature: Eileen Danielson Day (Eileen Danielson Day)
Title: Regulatory Analyst
Date: 12/21/92

(State Use Only)

See Instructions on Reverse Side

GREEN RIVER RECOMPLETION

Brotherson #2-10B4
Section 10, T2S, R4W
Duchesne County, Utah

WELL DATA

Location:	1241' FSL and 1364' FWL, Section 10, T2S, R4W
Elevation:	6277' GL 6297' KB
Total Depth:	13,500'
PBTD:	13,412'
Casing:	13-3/8" 54.5# K-55 @ 291' cmt'd w/450 sxs
	9-5/8" 36.0# K-55 @ 6498' cmt'd w/910 sxs
	7" 26.0# S-95 @ 11,278' cmt'd w/1535 sxs
	5" 18.0# P-110 SFJ-P 11,101'-13,500' uncemented
Tubing:	2-7/8" 6.5# 8rd N-80 @ 7509'
	TAC @ 7767'; SN @ 7532'

TUBULAR DATA

Description	ID	Drift	Capacity,B/F	Burst,psi	Collapse,psi
9-5/8" 36# K-55	8.921"	8.765"	.0773	3520	2020
7" 26# S-95	6.276"	6.151"	.0382	8600	7800
5" 18# P-110	4.276"	4.151"	.0177	13940	13450
2-7/8" 6.5# N-80	2.441"	2.347"	.00579	10570	11160

PERFORATION AND TREATMENT HISTORY

July 1975

5½" preperforated liner w/2 holes @ 13,465', 13,475', 13,485' and 13,495'

August 1978

CIBP set @ 13,430'. Perf 11,300'-13,385', 1 SPF, 248 holes.
Acidized 11,300'-13,385' w/50,000 gals 7½% HCl. Well flowed 1358 BOPD, 2333 MCFPD, 337 BWPD on a 1" chk w/FTP of 400 psi.

March 1979

Acid wash perfs 11,300'-13,385' w/1000 gals 7½% HCl, perf 11,090'-11,250' (180 holes).
Acidize 11,090'-13,500' w/47,000 gals 7½% HCl.
Initiate Gas Lift
Prod before workover: Flwg 405 BOPD, 776 BWPD, 1385 MCFPD w/FTP 210 psi.
Prod after workover: Gas lift 708 BOPD, 996 BWPD, 2160 MCFPD w/TP of 320 psi.

August 1979

Perf 10,782'-11,057' (249 holes) acidized w/17,500 gals 7½% HCl.
Commingle w/remaining perforated interval.
Prod before workover: Gas lift 185 BOPD, 554 BWPD, 1220 MCFPD
Prod after workover: Gas lift 1138 BOPD, 119 BWPD, 857 MCFPD

December 1983

Acidize 10,782'-13,500' w/50,000 gals 7½% HCl.
Prod before workover: Gas lift 73 BOPD, 474 BWPD, 236 MCFPD
Prod ater workover: Gas lift 272 BOPD, 750 BWPD, 1123 MCFPD

January 1988	Cement squeeze perfs 11,101'-10,782' w/900 sxs cement (251 total holes squeezed). Prod before workover: 19 BOPD, 250 BWPD, 175 MCFPD Prod after workover: 54 BOPD, 509 BWPD, 95 MCFPD
February 1988	Install Beam Pump Prod before: 54 BOPD, 509 BWPD, 95 MCFPD Prod after: 61 BOPD, 473 BWPD, 140 MCFPD
April 1989	Pressure test casing for leak. None found.
July 1992	Run sidestring and production log.

PRESENT STATUS

Shut in with uneconomical production. Last production was on August 11, 1992. Made 0 BO, 338 BW, 103 MCF.

PROCEDURE

1. MIRU service rig. Kill well if necessary. POOH w/rods. ND wellhead and NU BOPE. Stand back tbg.

2. PU and RIH w/7" 26# csg scraper to ± 10,780'.

3. PU & RIH w/7" 26# cmt retainer on 2-7/8" tbg. Set retainer @ ± 10,770'. Pump 50 sxs premium cement below retainer. Spot 10 sacks of cement on top of retainer. TOC @ ± 10,716'. POOH w/stinger to 10,716'. Rvs holes clean, POOH.

4. RU wireline service company. PU & RIH w/4" csg gun, 3 SPF, 120° phasing. Perforate the Lower Green River formation from 9336' to 10,606', 35 settings, 105 total holes per the attached perforation schedule.

5. PU & RIH w/7" Mtn States treating pkr on 2-7/8" N-80 6.5# tbg W/tiw VALVE. Press test tbg to 8500 psi while TIH.

6. Acidize L. Green River perfs from 9336' to 10,606', 105 total holes, w/4500 gals 15% HCl w/200 - 1.1 BS's and specified additives. Max treating press 8500 psi.

   NOTE: The above acid job should be designed to include:
   A) All fluids to be heated to 150°F.
   B) Precede acid w/50 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor w/50 1.1 BS's evenly spaced.
   C) All water to contain 3% KCl.
   D) Acidize in 2 stages of 2250 gal each containing 75 1.1 BS's evenly spaced and 1 diverter stage of 1000 gals gelled saltwater w/½#/gal Benzoic acid flakes and rock salt. (Note: Xylene is not required.)

7. Flow/swab back acid load.

8. If the well flows strongly, shut TIW valve. RD MO and return online. Proceed to Step 9 when well dies. If well does not flow release pkr, POOH and stand back 2-7/8" tbg and proceed to Step 9.

9. RU wireline sand bailer. Determine where top of ball sealers are and bail out as many as possible.

10. PU & RIH w/7" TAC, 2-7/8" solid plug, 1 perforated jt of 2-7/8" N-80 tbg, SN, ± 10,630' 2-7/8" tbg. SN should be set at minimum of 10,625'. TAC at ± 10,660'. Note: Makeup tubing should be "Blueband".

11. PU & RIH w/1-3/4" pump, 200' - 1" rod w/g, 3350' - 3/4" rod slick, 150' - 3/4" rod w/g, 3500' - 7/8" rod slick, 3425' - 1" slick. Return to production.

SCP:cam

Proposed Perforation Schedule
ANRPC Brotherson #2-10B4
SE/SW Section 10, T2S-R4W
Duchesne County, Utah

Reference Log: Schlumberger Compensated Neutron-Formation Density Dated 6/21/78.

9336	9844	10,100	10,600
9380	9868	10,113	10,606
9391	9898	10,122	
		10,193	
9420	9906		
9442	9916	10,234	
	9924		
9506		10,496	
9510	10,000		
9522	10,090	10,503	
9538	10,095	10,509	
9568		10,515	
9591		10,529	
9595		10,536	
		10,592	

Totals: 27 zones, 35 feet and 105 holes at 3 JSPF.

W. Cole
10/7/92

Approved: _____
R. D. Liebling

PRESENT WELLBORE SCHEMATIC

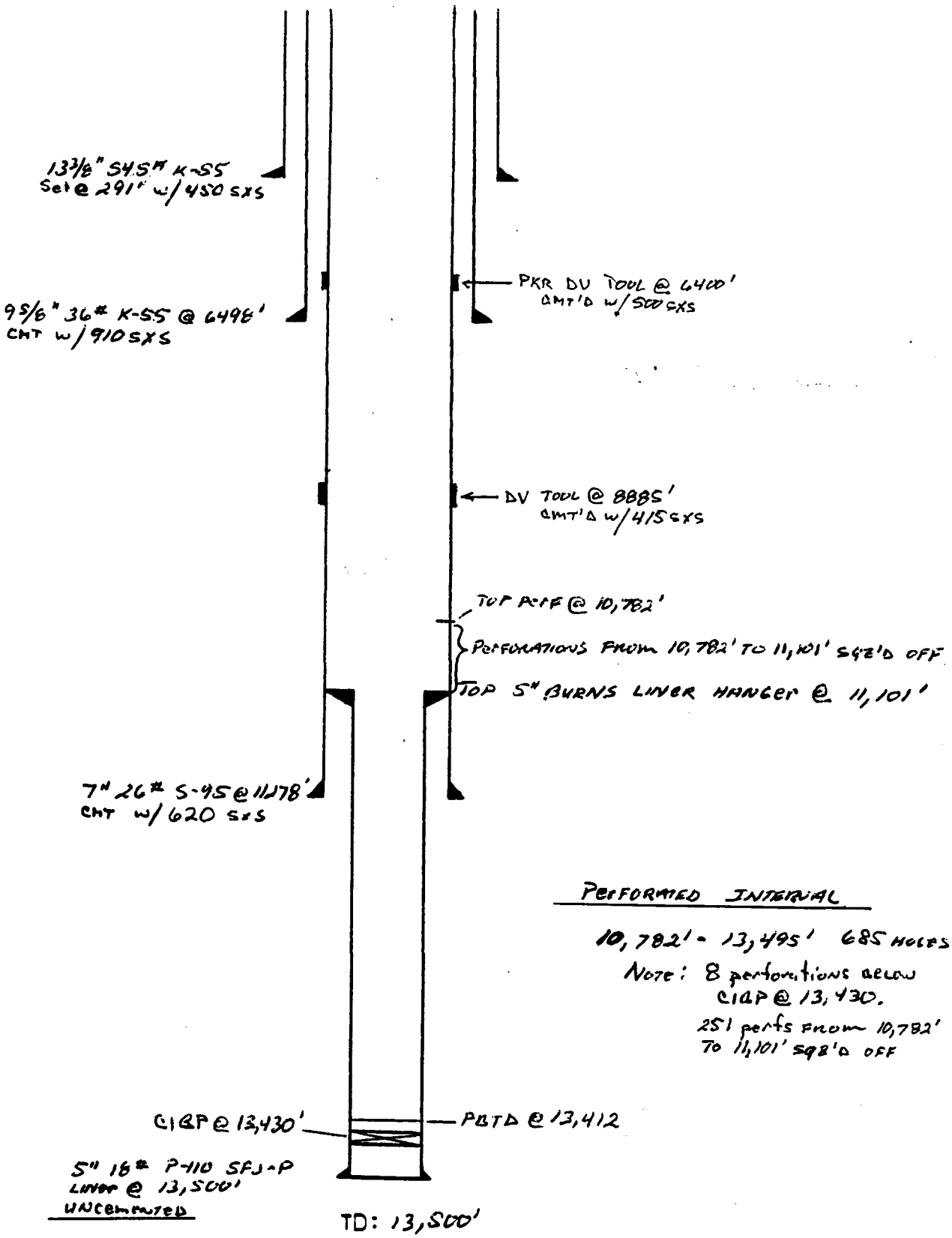
BROTHERSON #2-10B4

Sec 10, T2S, R4W

DUCHESNE COUNTY, Utah

S.C. Prutch

10/16/92



FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND 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 [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [X] Other

RECEIVED JUN 03 1993 DIVISION OF OIL GAS & MINING

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 1241' FSL & 1364' FWL
At top prod. interval reported below: Same as above.
At total depth: Same as above.

5. LEASE DESIGNATION AND SERIAL NO.: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT AGREEMENT NAME: N/A
8. FARM OR LEASE NAME: Brotherson
9. WELL NO.: 2-10B4
10. FIELD AND POOL, OR WILDCAT: Altamont
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 10, T2S-R4W

14. API NO.	DATE ISSUED	12. COUNTY	13. STATE
43-013-30443	5/9/78	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
5/8/78	7/18/78	3/2/93	6277' GL; 6297' KB	

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
13,500'	13,412'		→	SFC-TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): Green River 9,336'-10,606'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR & CCL (logs previously submitted)

27. WAS WELL CORED YES [ ] NO [X] (Submit analysis)
DRILL STEM TEST YES [ ] NO [X] (See reverse side)

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"	54.5#	291'	17-1/2"	450 sx	None
9-5/8"	36#	6498'	12-1/4"	910 sx	None
7"	26#	11292'	8-3/4"	1535 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)
5"	11101'	13500'	uncmt'd	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	10670'	

31. PERFORATION RECORD (Interval, size and number)

Perf'd w/4" csg gun, 3 SPF as follows:

Interval	Feet	Holes
10,606'-9,906'	20	60
9,898'-9,336'	15	45
Total	35'	105 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10770' CR	50 sx cmt below retainer & 10 sx above
9336-10606'	4500 gal 15% HCl + 200 BS's

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2/25/93	Pumping (RHBC 2-1/2" x 1-3/4" x 26' pump)	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/2/93	24	N/A	→	253	50	257	197.63

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
N/A	N/A	→	253	50	257	33.7

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

TEST WITNESSED BY: H. Ivie

35. LIST OF ATTACHMENTS: Chronological History

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE 6/2/93

See Spaces for Additional Data on Reverse Side

(3/89)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-10B4 (RECOMPLETE GREEN RIVER)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 71.42007% ANR AFE: 64437

2/26/93 RIH w/rods. Cont in hole w/2-7/8" prod. Set 7" TAC @ 10,670' w/SN @ 10,634' in 20,000# tension. Land hanger. ND BOP, NU prod "T". PU 1-3/4" x 26' pump. RIH w/8 - 1", 21 - 3/4", tagged cmt in tbg. Flush tbg w/30 BW. Still unable to RIH. POOH w/rods & pump (cups flat on 1-side). ND prod "T", NU BOP. Rls 7" TAC, POOH w/30 jts. RU broach & broach tbg in hole. LD #23 jt (cmt). Re-set 7" TAC @ 10,670' in 20,000# tension. ND BOP, NU prod "T". SDFN.
DC: $4,679 TC: $74,756

2/27/93 Well producing. RIH w/2-1/2" x 1-3/4" x 26' pump & 9 - 1" rods, 195 slick & 6 w/guides 3/4" rods, 140 - 7/8" and 134 - 1" rods. Space out. PT to 500 psi. Hang off rods. RD. SDFN @ 4:00 p.m.
DC: $15,673 TC: $90,429

2/27/93 Pmpd 15 BO, 226 BW, 32 MCF/12 hrs, 10.2 SPM.

2/28/93 Pmpd 20 BO, 298 BW, 40 MCF, 10.2 SPM.

3/1/93 Pmpd 251 BO, 237 BW, 49 MCF, 10.2 SPM/21 hrs.

3/2/93 Pmpd 253 BO, 257 BW, 50 MCF, 10.2 SPM.

3/3/93 Pmpd 241 BO, 191 BW, 82 MCF, 10.2 SPM.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-10B4 (RECOMPLETE GREEN RIVER)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 71.42007% ANR AFE: 64437
TD: 13,500' PBTD: 10,716'
5" LINER @ 11,101'-13,500'
PERFS: 9,336'-10,606' (GREEN RIVER)
CWC(M$): 97.7

2/19/93 POOH w/2-7/8". Spot & RU rig. Work rods & unseat pump. POOH w/109 - 1" rods, 102 - 7/8", 75 - 3/4" & 13 - 1" rods. LD 2-1/2" x 1-3/4" x 26' pump. NU BOP & spool. Rls 7" TAC. POOH w/112 jts 2-7/8" tbg. SDFN @ 6:00 p.m.
DC: $4,188 TC: $4,188

2/20/93 RU Cutters to log. Cont POOH w/2-7/8" prod. LD PSN, 4-1/2" PBGA & 7" TAC. PU 7" 26# csg scraper. Measure in hole w/247 jts 2-7/8" tbg. PU 110 jts 2-7/8" tbg, 5" LT @ 11,121' (tbg meas). POOH w/345 jts 2-7/8" tbg. LD 7" 26# csg scraper. SDFN @ 5:30 p.m.
DC: $3,285 TC: $7,473

2/22/93 Cont POOH w/2-7/8" tbg. RU Cutters & run GR/CCL log from 11,300'-9,000'. PU MSOT 7" 26# cmt retainer & run on WL. Set retainer w/top @ 10,770'. RD Cutters. PU MSOT stinger & RIH w/346 jts 2-7/8" tbg. Fill csg w/118 BW. Sting into cmt retainer. RU Western & pump 50 sx cmt below retainer. Unsting from retainer, spot 10 sx above retainer. Rev clean w/90 bbls @ 10,716'. LD 46 jts 2-7/8" tbg. POOH w/60 jts 2-7/8". SDFN.
DC: $13,557 TC: $21,030

2/23/93 RU Western for acid treatment. Cont POOH w/2-7/8" tbg. Fill csg w/10 bbls & PT to 2000#, held. RU Cutters & perf Green River fmn 9,336'-10,606' w/4" csg guns, 35 zones, 35', 105 total holes, 3 SPF on 120 deg phasing.

	Perf Interval	Zones	Holes	FL	PSI
#1	10,606'-9,906'	20	60	sfc	0
#2	9,898'-9,336'	15	45	sfc	0

No response after perf'g. PU MSOT 7" 26# HD pkr & RIH w/297 jts while hydrotesting to 8500#. Set 7" 26# pkr @ 9238' in 35,000# compression. PT csg to 2000#, held. SDFN.
DC: $13,988 TC: $35,018

2/24/93 Swabbing back acid load. RU Western & acidize Green River fmn 9,336'-10,606' (105 holes) w/4500 gal 15% HCl w/additives & 200 - 1.1 BS's, BAF & rock salt. Max rate 26 BPM, avg rate 16 BPM. Max press 8750#, avg press 8200#. Good diversion, 318 BLWTBR. ISIP 1800#, 15 min 990#. RD Western. Well flwd 20 BW/30 min. RU to swab. Made 19 runs/5.5 hrs. Swabbed back 30 BO, 105.5 BW. IFL @ sfc, FFL @ 1200'. Final oil cut 40%, final pH 3. Total load rec 125.5 bbls w/192.5 bbls left. RD swab. RU to flow to treater. (Made 26 BLW, no oil to HT overnight, 10 MCF, SIP 100#, this a.m., 2/25/93. 166 BLTBR.)
DC: $26,150 TC: $61,168

2/25/93 Cont RIH w/7" TAC. Well flwd 26 BW & 10 MCF overnight. Flwd 8.5 bbls/1 hr (6 BO, 2.5 BW). RU swab. Made 7 runs/2 hrs. Swab back 38 BF (20 BW, 18 BO). Total since 7:00 a.m., 24 BO, 22.5 BW. IFL @ sfc, FFL @ 1500', pH 5, 40% oil. RD swab. Release 7" HD pkr from 9238'. POOH w/297 jts 2-7/8" tbg. PU 7" 26# MSOT TAC, solid plug, 1 perf 2-7/8" jt, PSN. RIH w/257 jts 2-7/8" tbg. SDFN.
DC: $8,909 TC: $70,077

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: See Attached

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.

6. If Indian, Allottee or Tribe Name: See Attached

7. Unit Agreement Name: See Attached

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

8. Well Name and Number: See Attached

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: See Attached

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

10. Field and Pool, or Wildcat: See Attached

4. Location of Well

Footages: See Attached
QQ, Sec., T., R., M.: See Attached
County: See Attached
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)

- [ ] Abandon *
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [X] Other Change of Operator
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Perforate
- [ ] 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 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 be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company

RECEIVED
MAR - 8 1996
DIV OF OIL, GAS & MINING

13.

Name & Signature: Sheila Bremer

Sheila Bremer
Environmental & Safety Analyst
Title: Coastal Oil & Gas Corporation Date: 03/07/96

(This space for State use only)

(5/94)

(See Instructions on Reverse Side)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL Footages	Section, Township & Range	Field	County
Brotherson 1-33A4	43-013-30272	Patented 1680	N/A	N/A	820' FNL & 660' FEL	NENE, 33-1S-4W	Altamont	Duchesne
→ Brotherson 2-10B4	43-013-30443	Patented 1615	N/A	N/A	1241' FSL & 1364' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815	Fee 10450	N/A	N/A	2557' FSL & 1642' FWL	NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-31103	Fee 1771	N/A	N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31086	Fee 1782	N/A	N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
Brotherson 2-2B5	43-013-31302	Fee 11342	N/A	N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Christensen 2-29A4	43-013-31303	Fee 11235	N/A	N/A	1425' FSL & 2131' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Crook 1-6B4	43-013-30213	Patented 1825	N/A	N/A	2485' FNL & 1203' FEL	SENE, 6-2S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-31320	Fee 11253	N/A	N/A	1250' FSL & 1229' FWL	SWSW, 30-1S-3W	Altamont	Duchesne
Doyle 1-10B3	43-013-30187	Patented 1810	N/A	N/A	2382' FNL & 2157' FWL	SENW, 10-2S3W	Bluebell	Duchesne
Duncan 2-9B5	43-013-30719	Fee 2410	N/A	N/A	1701' FWL & 1554' FSL	NESW, 9-2S-5W	Altamont	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1691	N/A	N/A	1654' FSL & 1754' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-30366	Patented 1905	N/A	N/A	1490' FNL & 1334' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A	763' FNL & 1189' FEL	NENE, 17-2S-4W	Altamont	Duchesne
Ellsworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	SWNE, 19-2S-4W	Altamont	Duchesne
Ellsworth 1-20B4	43-013-30351	Patented 1900	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	Duchesne
Ellsworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 1761	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19 -2S-4W	Altamont	Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSW, 20-2S-4W	Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL	SWNW, 20-2S-4W	Altamont	Duchesne
Farnsworth 1-12B5	43-013-~~31024~~ 30124	Patented 1645	N/A	N/A	2479' FNL & 1503' FEL	SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 1600	N/A	N/A	1923' FNL & 1095' FEL	SENE, 7-2S-4W	Altamont	Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 1646	N/A	N/A	993' FSL & 768' FWL	SWSW, 12-2S-5W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee 11177	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanskutt 2-23B5	43-013-30917	Fee 9600	N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 1-24B3	43-013-30629	Fee 2390	N/A	N/A	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson 2-9B3	43-013-31136	Fee 10455	N/A	N/A	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-32A3	43-013-30141	Patented 1640	N/A	N/A	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109	Patented 1635	N/A	N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043	Fee 10205	N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee 1641	N/A	N/A	1141' FWL & 1602' FSL	NWSW, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31079	Fee 1636	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 1-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-31243	Fee 11026	N/A	N/A	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W	Altamont	Duchesne
Hunt 2-21B4	43-013-31114	Fee 1839	N/A	N/A	1512' FWL & 664' FSL	NESW, 21-2S-4W	Altamont	Duchesne
Iorg 2-10B3	43-013-31388	Fee 11482	N/A	N/A	738' FNL & 660' FEL	NENE, 10-2S-3W	Altamont	Duchesne
Lake Fork 3-15B4	43-013-31358	Fee 11378	N/A	N/A	1300' FNL & 1450' FWL	NENW, 15-2S-4W	Altamont	Duchesne
Lawrence 1-30B4	43-013-30220	Fee 1845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee 1901	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W	Bluebell	Duchesne
Lazy K 2-14B3	43-013-31354	Fee 11452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W	Bluebell	Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W	Altamont	Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W	Altamont	Duchesne
Matthews 2-13B2	43-013-31357	Fee 11374	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W	Bluebell	Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W	Altamont	Duchesne

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: GH

1-LEC	7-SJ
2-DTS	8-FILE
3-VLD	
4-RJF	
5-LEC	
6-FILM	

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

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

phone (303)572-1121
account no. N 0230 (B)

FROM (former operator) ANR PRODUCTION CO INC
(address) PO BOX 749
DENVER CO 80201-0749

phone (303)572-1121
account no. N0675

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

Name	API	Entity	Sec	Twp	Rng	Lease Type
SEE ATTACHED	013-30443					

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 3-8-96)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-96)

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: _____.

N/A 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. (3-11-96)(4-3-96 Indian)(4-15-96 Fee C.A.'s)(8-20-96 Indian C.A.'s)

Lec 6. Cardex file has been updated for each well listed above.

Lec 7. Well file labels have been updated for each well listed above.

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-11-96)

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

Lec 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) Surety No. U605382-1 ($80,000) United Pacific Ins. Co.

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

* Upon Compl. of routing.

___ 2. A copy of this form has been placed in the new and former operators' bond files.

Lec 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date march 11, 1996. If yes, division response was made by letter dated _____ 19___. (Same Bond as Coastal)

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.

___ 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

VB 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

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

960311 This change involves Fee lease / non C.A. wells ~~only.~~ & State lease wells.
~~C.A. & Indian lease wells will be handled on separate change.~~
960412 BLM / SL Aprv. C.A.'s 4-11-96.
960820 BIA Aprv. CA's 8-16-96.
960329 BIA Aprv. Indian Lease wells 3-26-96.
* 961107 Lemicq 2-5B2 / 43-013-30784 under review at this time; no chg. yet!

WE71/34-35

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Patented

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 purposes

6. Indian, Allottee or Tribe Name: N/A

7. Unit Agreement Name: N/A

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

8. Well Name and Number: Brotherson 2-10B4

2. Name of Operator: ANR Production Company

9. API Well Number: 43-013-30443

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: 1241' FSL & 1364' FWL

County: Duchesne

QQ,Sec., T., R., M.: SESW Section 10, 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
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recomplete
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off
- [X] Other Acidize

Approximate date work will start Upon approval

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] 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

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 procedure for work to be performed on the subject well.

RECEIVED
OCT 10 1997
DIV. OF OIL, GAS & MINING

13. Name & Signature: Sheila Bremer / Title: Sheila Bremer, Environmental & Safety Analyst Date: 10/8/97

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10/16/97
BY: John R. Baza

(5/94) (See Instructions on Reverse Side)

Brotherson #2-10B4

SECTION 10 - T2S - R4W
Duchesne Co., Utah

PROCEDURE

1) MIRU PU. NDWH. POOH w/ rods. Rlse 7" TAC set @ 10,670'. NUBOP. POOH w/ tubing.

2) RIH w/ 5" ret. pkr., 2-7/8" production string. Set pkr @ 9,230'. Perfs open below @ 9,336'.

3) MIRU Dowell to acidize interval from 9,336-10,606' w/ 5,000 gallons 15% gelled HCl as per attached treatment schedule. MTP 8,500 psi. Attempt to keep backside full w/ 2,000 psi.

4) Swab/flow back load and test. Rlse pkr. POOH.

5) RIH w/ pumping BHA. Return well to production.

Well Name: Brotherson #2-10B4 Date: 9/23/97

Fluid Description	Stage #	**% KCl (Gal)	15 % Gelled Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	1,900		
Acid	2		5,000	250
Flush	3	3,800		
Totals	(gals):	5,700	5,000	250, 1.3 S.G.
	(bbls):	136	119	

% KCl to be determined by Mike Angus to match formation salinity

Perforations from 9,336' - 10,606'

Packer set @ 9,250'

Treatment down 2 7/8" tubing @ 8,500 psi MTP; holding 2,000 psi on backside

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Patented

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 purposes

6. Indian, Allottee or Tribe Name: N/A

7. Unit Agreement Name: N/A

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

8. Well Name and Number: Brotherson 2-10B4

2. Name of Operator: Coastal Oil & Gas Corporation

9. API Well Number: 43-013-30443

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: 1241' FSL & 1364' FWL

County: Duchesne

QQ,Sec., T., R., M.: SESW Section 10, T2S-R4W

State: Utah

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- [ ] Repair Casing
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- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recomplete
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandon*
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [X] Other Acidize
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion 11/12/97

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
NOV 17 1997
DIV. OF OIL, GAS & MINING

13. Name & Signature: Sheila Bremer Title: Sheila Bremer, Environmental & Safety Analyst Date: 11/14/97

(This space for State use only)

(5/94) (See Instructions on Reverse Side)

WO tax credit 10/98

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-10B4 (ACIDIZE GREEN RIVER)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 92.06% AFE: 27403
TD: 13,500' PBTD: 10,750'
5" @ 13,500'
PERFS: 9336'-13,606'
CWC(M$): 58.1

10/31/97 **ND WH, NU BOP.**
MIRU equip. Unseat 1¼" pump @ 10,604'. Flush w/50 bbls 1% KCL, reseat, test to 500#, ok. POOH w/rds & 1¼" pump. CC: $5118.

11/1/97 **RIH w/7" pkr & 2⅞" tbg, test to 8500#.**
ND WH, NU BOP. Rel 7" A/C @ 10,670'. POOH w/2⅞" tbg, 7" A/C & BHA. CC: $8216.

11/2/97 **RU BJ & ackdize.**
RIH w/7" pkr & 2⅞" tbg hydtesting to 8500#. Set pkr @ 9230', fill csg w/271 bbls 1% KCL, test to 2000#, ok. Bled off. CC: $13,121.

11/3/97 **Ck press & FL.**
RU BJ & acidize GR perfs from 9336' to 10,606' w/5000 gals 15% HCL w/additives & 250 BS's. MTP 8600#, ATP 8400#, MTR 25 BPM, ATR 15.5 BPM, ISIP 1400#, 5 min 0#. Total load 280 bbls, diversion good. RD BJ, RU swab, IFL 6900', FFL 6900', 44 BW, 8 BO, PH 4, 14 BPH entry, last run 80% oil. CC: $48,693.

11/4/97 **PU new tongs & POOH.**
SITP 325#, bled off. RU swab, 2 runs, 7 BO, IFL 6900'. Having trouble getting swab dn. RD swab, rel 7" pkr @ 9230', had to wait on hot oil truck, flush tbg w/50 bbls 1% KCL, POOH w/2⅞" tbg, tongs broke dn, EOT @ 6680'. CC: $52,765.

11/5/97 **POOH w/2⅞" tbg.**
POOH w/2⅞" tbg & 7" HD pkr. RIH w/7" A/C, BHA & 2⅞" tbg. Set A/C @ 10,640' & A/C sheared, will not hold, prep to POOH. CC: $57,270.

11/6/97 **RIH w/1¼" pump & rods.**
POOH w/2⅞" tbg, BHA & 7" A/C. RIH w/7" A/C, BHA & 2⅞" tbg. Set A/C @ 10,640', SN @ 10,601', ND BOP, NU WH. CC: $61,217.

11/7/97 **On production.**
RIH w/1¼" pump & rods, seat pump @10,601', fill tbg w/28 bbls 1% KCL, test to 1000#, ok. Place on production @ 1:00 pm. CC: $57,780.
Pmpd 0 BO, 149 BW, 3 MCF, 17 hrs.

11/8/97 Pmpd 36 BO, 120 BW, 34 MCF, 24 hrs.

11/9/97 Pmpd 76 BO, 123 BW, 54 MCF, 24 hrs.

11/10/97 Pmpd 38 BO, 115 BW, 48 MCF, 8.9 SPM, 24 hrs.

11/11/97 Pmpd 75 BO, 114 BW, 58 MCF, 8.9 SPM, 24 hrs.

11/12/97 Pmpd 70 BO, 121 BW, 52 MCF, 8.9 SPM, 24 hrs.
Prior production: 14 BO, 32 BW, 29 MCF.
Final report.

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, 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
EVANS 2-19B3 (CA 96-78)	43-013-31113	1777	19-02S-03W	FEE	OW	P
HANSON 1-2B3	43-013-30629	2390	24-02S-03W	FEE	OW	P
BROTHERSON 1-2B4 (CA 96-35)	43-013-30062	1570	02-02S-04W	FEE	OW	P
BROTHERSON 2-2B4 (CA 96-35)	43-013-30855	8420	02-02S-04W	FEE	OW	P
BROTHERSON 2-3B4	43-013-31008	10165	03-02S-04W	FEE	OW	P
OMAN 2-4B4	43-013-30645	9125	04-02S-04W	FEE	OW	P
CHRISTENSEN 3-4B4	43-013-31142	10481	04-02S-04W	FEE	OW	S
CHANDLER 1-5B4 (CA NW-580)	43-013-30140	1685	05-02S-04W	FEE	OW	P
CHANDLER 2-5B4 (CA NW-580)	43-013-31000	10075	05-02S-04W	FEE	OW	P
CROOK 1-6B4	43-013-30213	1825	06-02S-04W	FEE	OW	S
POTTER 2-6B4	43-013-31249	11038	06-02S-04W	FEE	OW	P
FARNSWORTH 1-7B4	43-013-30097	1600	07-02S-04W	FEE	OW	S
FARNSWORTH 2-7B4	43-013-30470	1935	07-02S-04W	FEE	OW	P
ELLSWORTH 1-8B4	43-013-30112	1655	08-02S-04W	FEE	OW	P
ELLSWORTH 2-8B4	43-013-30898	2418	08-02S-04W	FEE	OW	P
ELLSWORTH 1-9B4 (CA 96-45)	43-013-30118	1660	09-02S-04W	FEE	OW	P
ELLSWORTH 2-9B4 (CA 96-45)	43-013-31138	10460	09-02S-04W	FEE	OW	S
BROTHERSON 1-10B4	43-013-30110	1614	10-02S-04W	FEE	OW	P
BROTHERSON 2-10B4	43-013-30443	1615	10-02S-04W	FEE	OW	P
BROTHERSON 2-11B4	43-013-31078	1541	11-02S-04W	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:** 07/03/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 07/03/2001

3. Bond information entered in RBDMS on: 06/20/2001

4. Fee wells attached to bond in RBDMS on: 07/03/2001

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

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: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Brotherson 2-10B4
9. API NUMBER: 43013 30443
10. FIELD AND POOL, OR WILDCAT: Altamont

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6475
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1241' FSL, 1364' FWL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 10 T2S R4W 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: Surface Meter Commingle
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well is commingled at surface meter with the Brotherson 1-10B4 API# 43-013-30110

NAME (PLEASE PRINT) Rachael Overbey TITLE Engineering Tech
SIGNATURE Rachael Overbey DATE 7/16/2008

(This space for State use only)

RECEIVED
AUG 05 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

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:

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1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Brotherson 2-10B4

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4301330443

3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6475

10. FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1241' FSL, 1364' FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 10 T2S R4W

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: commingle/measure
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL AND 1-10B4 (4301330110) UTILIZE SEPARATE TREATERS WITH THEIR OWN ORIFICE METER GAS CHARTS AND THEN SHARE THE SAME GAS SALES METER. THE ORIFICE METER GAS CHARTS AT EACH TREATER ARE FOR ALLOCATION PURPOSES ONLY. OIL & WATER PRODUCTION VOLUMES ARE TAKEN FROM OIL AND WATER METERS WITHIN THE TREATER.
THE 1-10B4 IS CURRENTLY TEMPORARILY ABANDONED.

COPY SENT TO OPERATOR
Date: 12.3.2009
Initials: KS

NAME (PLEASE PRINT) MARIE OKEEFE TITLE SR REGULATORY ANALYST

SIGNATURE Marie Okeefe DATE 10/29/2009

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/30/09
BY: D. Hill

(See Instructions on Reverse Side)

(5/2000)

RECEIVED
NOV 09 2009
DIV. OF OIL, GAS & MINING

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: Brotherson 2-10B4

2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.

9. API NUMBER: 4301330443

3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 291-6475

10. FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1241' FSL, 1364' FWL COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 10 T2S R4W 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: commingle/measure
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL AND 1-10B4 (4301330110) UTILIZE SEPARATE TREATERS WITH THEIR OWN ORIFICE METER GAS CHARTS AND THEN SHARE THE SAME GAS SALES METER. THE ORIFICE METER GAS CHARTS AT EACH TREATER ARE FOR ALLOCATION PURPOSES ONLY. OIL & WATER PRODUCTION VOLUMES ARE TAKEN FROM OIL AND WATER METERS WITHIN THE TREATER.
THE 1-10B4 IS CURRENTLY TEMPORARILY ABANDONED.

COPY SENT TO OPERATOR
Date: 12·3·2009
Initials: KS

NAME (PLEASE PRINT) MARIE OKEEFE TITLE SR REGULATORY ANALYST

SIGNATURE Marie Okeefe DATE 10/29/2009

(This space for State use only)
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE 11/30/09
BY: [signature]

(5/2000) (See Instructions on Reverse Side)

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NOV 09 2009
DIV. OF OIL, GAS & MINING

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		
☑ 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: 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

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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	