

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

PMB
12-24-73

COMPLETION DATA:

Date Well Completed *2-4-74*

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Drill Log..... GR-N..... Micro.....

UIC Sonic GR..... ME-L..... Sonic.....

CSLog..... CCLog..... Others.....

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG ELECTRIC LOGS X WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

* Operator change 1-1-87 Husky to Linmar: 951120 Linmar to Coastal O&G eff. 9-8-94.

* Chg. of operator for 11-01-87.

890530 Recorpl in GRR LOGS 1-20-98

DATE FILED 12-24-73

LAND: FEE & PATENTED X STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 12-24-73

SUDDEN IN: 7-1-88

COMPLETED: + PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: + 9000-9451 GRRV

TOTAL DEPTH:

WELL ELEVATION: 6644.65

DATE ABANDONED:

FIELD: Altamont

UNIT:

COUNTY: Duchesne

WELL NO. RHOADES #1-36 B5

APT. NO: 43-013-30289

LOCATION 1178' FT. FROM (N) LINE, 1178'

FT. FROM (E) LINE. XX SW NE NE 1/4-1/4 SEC. 36

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				2 S	5 W	36	Coastal O&G Linmar HUSKY OIL COMPANY

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

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rhodes

9. WELL NO.

1-36

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

36, T2S, R5W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

HUSKY OIL COMPANY OF DELAWARE

3. ADDRESS OF OPERATOR

P. O. BOX 380, CODY, WYOMING 82414

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
1178' FEL & 1178' FNL, Sec.36, T2S, R5W

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7 miles N. of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

12,100

20. ROTARY OR CABLE TOOLS

Rotary

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

6077' gr - Ungraded

22. APPROX. DATE WORK WILL START*

1-15-74

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"	48#	300	350 sax
12-1/4"	9-5/8"	40#	5000	450 sax
8 -3/4"	7"	26#	10100	450 sax
6 -1/8"	5" Liner		12100	175 sax

Blowout preventers:

12" 3000# WP

10" 5000# WP

900 Series Hydrill

Rotating head will also be installed.

Drill and complete 12,100 foot Wasatch well.

Set new casing as indicated above, casing head 3000# WP, casing spool 12"-3000# WP X 10-5000# WP.

Low water loss mud with non-dispersed system from 10,400 to T.D.

Run electric log and complete as indicated.

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

H. H. Earnest

H. H. EARNEST

TITLE

DISTRICT PRODUCTION SUPERINTENDENT

DATE 12/19/73

(This space for Federal or State office use)

PERMIT NO.

43-013-30289

APPROVAL DATE

APPROVED BY

TITLE

DATE

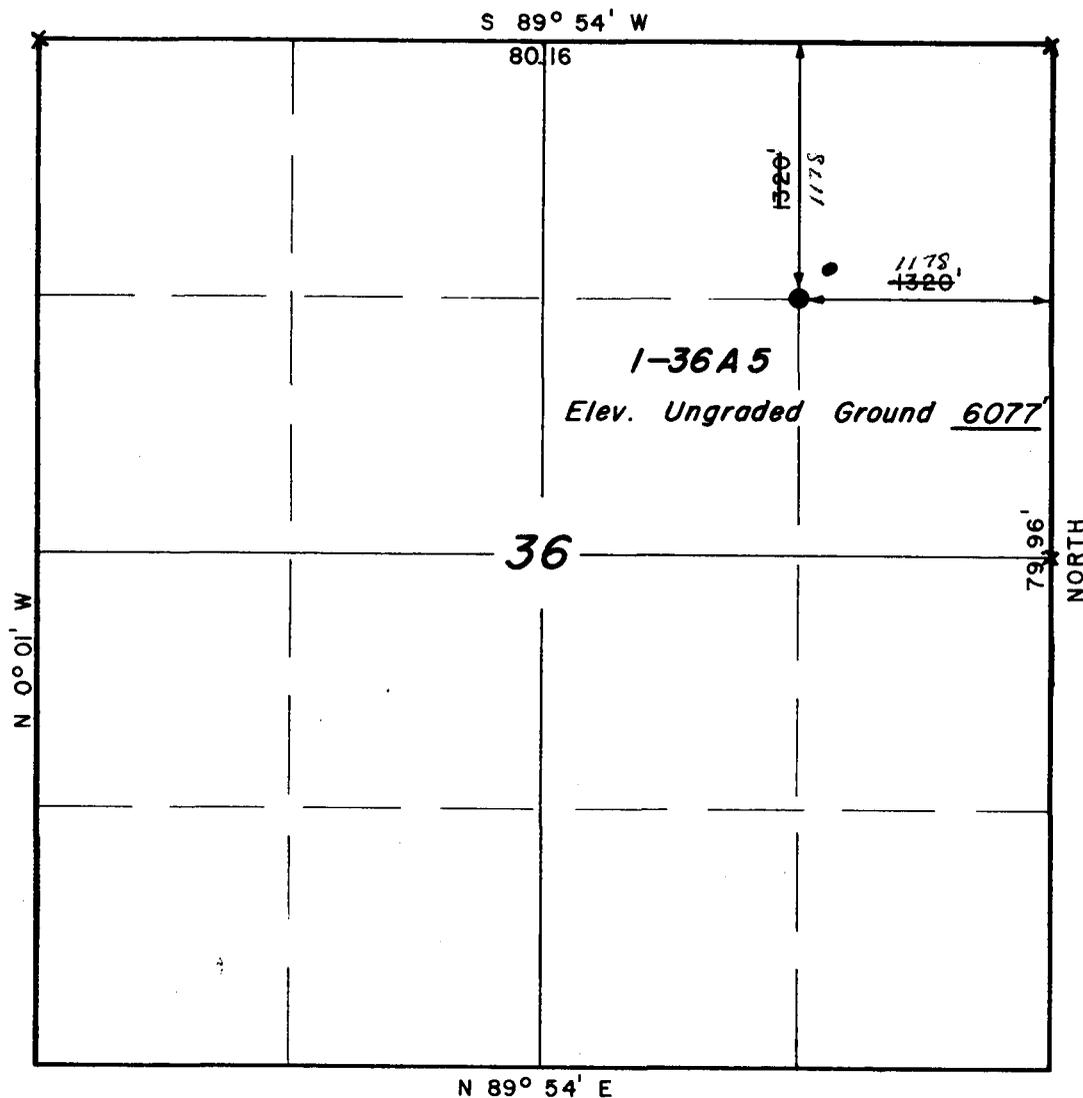
CONDITIONS OF APPROVAL, IF ANY:

T2S, R5W, U.S.B. & M.

PROJECT

HUSKY OIL COMPANY

Well location, 1-36 A 5, located as shown in the NE 1/4, Section 36, T2S, R5W, U.S.B. & M., Duchesne County, Utah.



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.

Lawrence C. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

X = Section Corners Located

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

SCALE 1" = 1000'	DATE DECEMBER 10, 1973
PARTY L.D.T., H.M., & N.D + R.K.-J.F.	REFERENCES GLO PLAT
WEATHER SNOW & COLD	FILE HUSKY OIL CO.

December 24, 1973

Husky Oil Company
Box 380
Cody, Wyoming 82414

Re: Well No's:
~~Griffiths~~ #1-33
Sec. 33, T. 2 S, R. 4 W, USM
~~Rhoades~~ #1-36
Sec. 36, T. 2 S, R. 5 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4. However, said approval will be conditional upon an oil and gas drilling bond being filed with this Division prior to spudding-in.

It should be noted that the following mud system monitoring equipment must be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing the intermediate string or upon reaching a depth at which high pressures could occur:

- (1) Recording mud pit level indicator to determine mud pit volume gains and losses. This indicator shall include a visual or audio warning device.
- (2) Mud volume measuring device for accurately determining mud volumes required to fill the hole on trips.
- (3) Mud return indicator to determine that returns essentially equal the pump discharge rate.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Husky Oil Company
December 24, 1973
Page Two

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-013-30288 (#1-33) and 43-013-30289 (#1-36).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

16
PJ

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
HUSKY OIL COMPANY OF DELAWARE

3. ADDRESS OF OPERATOR
P. O. Box 380, Cody, Wyoming 82414

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1178' FEL, 1178' FNL Sec 36, T2S, R5W
 At top prod. interval reported below Same
 At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Rhoades

9. WELL NO.
1-36

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
36 T2S-R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUNDED 3-16-74 16. DATE T.D. REACHED 5-22-74 17. DATE COMPL. (Ready to prod.) 7-4-74 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6077 Gr. Ungraded 19. ELEV. CASINGHEAD 6077

20. TOTAL DEPTH, MD & TVD 12095 21. PLUG, BACK T.D., MD & TVD 11990 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 11686-691 11652-657 11454-459 11120-125 10782-789 Wasatch
 11662-673 11616-621 11175-179 10854-870 10756-765
 10669-679

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
DUL. IND. LL-GR. BHCS-GR. FDC-CNL-GR.

27. WAS WELL CORBED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48#	315 K.B.	17-1/2"	300 sks class G 3% CaCl ₂	
9-5/8	40#	5612 K.B.	12-1/4"	400 sks lite 200sks class G	
7	26#	10200 K.B.	8-1/2"	180 sks lite 200sks class G	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	9872	12092	210 sks	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	9772	9755
1-1/2	5026.56	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number
11686-691	11454-459	10756-765
11662-673	11175-179	10669-679
11652-657	11120-125	2 jet shots per ft.
11616-621	10854-870	
	10782-789	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
All Perfs	20,000 Gal 15% HCL
	6,000# Unibeads
	600# Buttons
	264 Balls

33.* PRODUCTION

DATE FIRST PRODUCTION 6-12-74 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-4-74	24	16/64	→	106	379	43	3575 SCF/BBL

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
300 PSIG		→	37	260	127	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented (connection to gas plant) TEST WITNESSED BY Glynn Mayson

35. LIST OF ATTACHMENTS

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

SIGNED Joe C. Hugo TITLE PRODUCTION ENGINEER DATE 7-8-74

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

4

HUSKY OIL

Company

PL 10/11

1122 LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203

TELEPHONE 303-292-9265

July 18, 1974

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

RE: Husky #1-36 Rhoades
Altamont Area
Duchesne County, Utah

Gentlemen:

Enclosed are the following well logs for your files
for the captioned well:

Compensated Neutron-Formation Density
Compensated Formation Density Log
Dual Induction-Laterolog
Borehole Compensated Sonic Log - Gamma Ray

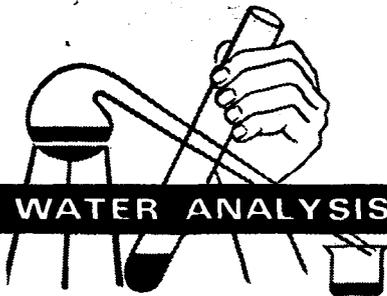
Yours very truly,

R. Warren Johnston
R. Warren Johnston *rs*

/lrs
Enclosures



WATER ANALYSIS REPORT



Champion
CHEMICALS, INC.

SERVICE LABORATORY: Odessa, Texas Phone (915) 337-2356 & 563-1162
 RESEARCH LABORATORY: Houston, Texas Phone (713) 431-2561
 PLANT: Odessa, Texas Phone (915) 362-2353 & 563-0863

BOX 1671
 ODESSA, TEXAS 79760
CHEMICAL WITH SERVICE

REPORT FOR	Glynn Mayson	DATE SAMPLED	April 29, 1976
CC	H. H. Conant	DATE REPORTED	April 30, 1976
CC		FIELD, LEASE, OR WELL	Rhodes 1-36 # 5
CC	Cary L. Nays	COUNTY	Cochise STATE Utah
COMPANY	Musky Oil Company Of Delaware	FORMATION	Wasatch
ADDRESS	P. O. Box 300, Cody, Wyoming 82414	DEPTH	12,100 feet
SERVICE ENGINEER	Cary L. Nays	SUBMITTED BY	Cary L. Nays

CHEMICAL ANALYSIS (AS PARTS PER MILLION)

Chemical Component	Field, Lease, or Well				
	INDEX				
	1-36 # 5				
Chloride (Cl)	19,600.00				
Iron (Fe)	45.50				
Total Hardness (Ca CO ₃)	8,000.00				
Calcium (Ca)	2,200.00				
Magnesium (Mg)	559.00				
Bicarbonate (HCO ₃)	366.00				
Carbonate (CO ₃)				
Sulfate (SO ₄)	1,275.00				
Hydrogen Sulfide (H ₂ S)	N O N E				
Specific Gravity	1.023				
Density, lb./gal.				
pH - Beckman (M Strip [])	7.1				
Dissolved Solids	27,500.00				
Sodium	9,792.00				

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

STABILITY INDEX	
122° F.	+ .88
140° F.	+1.22
158° F.	+1.54
176° F.	+1.88

REPORTED BY Cary L. Nays TITLE _____

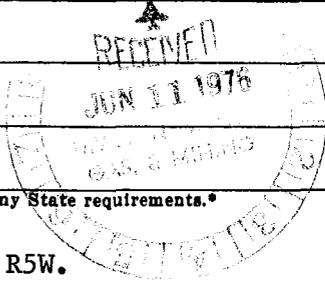
STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR HUSKY OIL COMPANY OF DELAWARE</p> <p>3. ADDRESS OF OPERATOR P.O. Box 380, Cody, Wyoming 82414</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1178' FEL, 1178' FNL, Sec. 36, T2S, R5W.</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. FEE</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Rhoades</p> <p>9. WELL NO. 1-36</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 36, T2S, R5W.</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, 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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(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.) *

4/13/76 Perforated additional Wasatch formation from 10,214 to 11,548 with Jet perforations various intervals.

4/14/76 Acidized all perforations with 20,000 gal. 7½% Hcl., and 4,000# Benzoic acid flakes as divertor agent.

4/15/76 Treat @ 13 bpm @ 6300 psi.

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

SIGNED J.C. Hugo TITLE Production Engineer DATE 6/7/76
 (This space for Federal or State office use)

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

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.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Husky Oil Company</p> <p>3. ADDRESS OF OPERATOR c/o Linmar Energy Corp. PO Box 1327, Roosevelt, UT 84066-1327</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1178' FEL 1178' FNL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTED OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Rhoades-Moon</p> <p>9. WELL NO. 6-1-3685</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 36 2S 5W USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. API 43 013 XXXXXX</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6077 GL</p>	

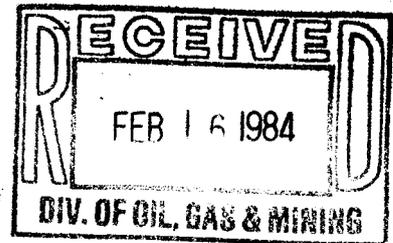
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Linmar Energy corporation has purchased Husky's interest in the Altamont Field, Effective January 1, 1984.

Linmar Energy is now, therefore, the Operator of this well.



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

SIGNED C. A. Ryserom TITLE Vice President - Land DATE Feb. 13, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
09002512

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
1-36

10. FIELD AND POOL, OR WILDCAT
Altament

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
LINMAR ENERGY CORP

3. ADDRESS OF OPERATOR
7979 E. TUSTS AVE PKWY #604 DENVER, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
Sec. 26 T2S R5W NENE

14. PERMIT NO.
43-013-30289

15. ELEVATIONS (Show whether OF, RT, OR, 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 <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) change of operator <input type="checkbox"/>	

(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.)*

Husky sold interest to above 11/84

RECEIVED
JUN 14 1984
DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED *J. J. [Signature]* TITLE *Prod. Acct. Supervisor* DATE *6-11-84*

(This space for Federal or State office use)

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

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

SUBMIT IN TRIPLICATE
(One copy to be retained on file)

3/16

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
LINMAR ENERGY CORPORATION

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1178' FEL 1178' FNL

14. PERMIT NO.
API 43-013

15. ELEVATIONS (Show whether OF, AT, OR, etc.)
6077 GL

RECEIVED

OCT 18 1985

DIVISION OF OIL
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Rhodes

9. WELL NO.
1-36B5

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
25 SW
Sec. 36. 28 SW USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(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.)

Acidize Watsatch perforations from 10669'-11691' with 10,000 gals. 15% HCl on 10/9/85.

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

SIGNED [Signature] TITLE Division Engineer DATE October 15, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

111202

November 6, 1987

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

ATTN: Tami Searing

Re: Change of Operator

14503

Dear Ms. Searing:

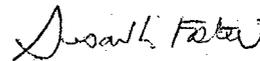
Enclosed is a Sundry Notice, in triplicate, evidencing Change of Operator effective November 1, 1987, from Linmar Energy Corporation to Linmar Petroleum Company covering the wells listed on the Exhibit "A" attached thereto. Such listing of wells should cover all the wells in which you currently show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

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

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

Very truly yours,

LINMAR PETROLEUM COMPANY



Susan L. Foster
Land Consultant

SLF:jgm

Enclosures

cc: Ed Whicker, Field Superintendent, Linmar Petroleum Company

NOV 9 1987

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR See Below		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR See Below		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. See Exhibit "A" Attached Hereto
15. ELEVATIONS (Show whether DR, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA See Exhibit "A" Attached Hereto
		12. COUNTY OR PARISH Duchesne & Uintah Counties
		13. STATE Utah

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

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

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

CHANGE OF OPERATOR
(Effective November 1, 1987)

FROM:

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

TO:

Company Name: Linmar Petroleum Company **19503**
Address: 7979 East Tufts Avenue Parkway, Suite 604, Denver, Colorado 80237
Telephone No.: (303) 773-8003

18. I hereby certify that the foregoing is true and correct
LINMAR ENERGY CORPORATION
SIGNED BY: B. J. Lewis TITLE Vice President DATE November 6, 1987
B. J. Lewis
(This space for Federal or State office use)

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

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

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

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

(Other instructions on reverse side)

16

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Linmar Petroleum Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1178' FEL, 1178' FNL (NENE) MAY 18 1990

5. LEASE DESIGNATION AND SERIAL
Fee

6. IF INDIAN, ALLOTTEE OR TRIBAL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Rhoades

9. WELL NO.
1-3685

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., S., R., OR BLK. AND SURVEY OR AREA
Sec. 36, T2S, R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO.
43-013-30289

15. ELEVATIONS (Show whether of, to, or, etc.)
6,077' GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(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 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.)

The Wasatch perforations were isolated with a CIBP and the well was recompleted to the Green River Formation on 7/1/88. The intervals from 9,000' to 9,451 were perforated with 4" bullet guns shooting 3 spf. Sixteen intervals were perforated with 48 holes.

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

SIGNED [Signature] TITLE Production Engineer DATE 08-May-89

(This space for Federal or State office use)

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

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

(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Linmar Petroleum Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1178' FEL, 1178' FNL

14. PERMIT NO.
43-013-30289

15. ELEVATIONS (Show whether OF, ST, GR, etc.)
6,077' GR, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRUST LAND

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Rhoades

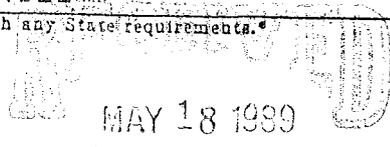
9. WELL NO.
1-36B5

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
Sec. 36, T2S, R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah



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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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 and 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.) *

Acidized the Green River intervals from 9,000' to 9,451' with 2500 gallons 15% HCL on 7/20/88. Acid contained 8 gpm corrosion inhibitor, 3 gpm demulsifier, and 2 gpm clay stabilizer. One hundred ball sealers were dropped for diversion.

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

SIGNED [Signature] TITLE Production Engineer DATE 09-May-89

(This space for Federal or State office use)

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SEP 26 1994

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Free

6. Indian, Allottee or Tribe Name:

None

7. Unit Agreement Name:

See attached list.

8. Well Name and Number:

See attached list.

9. API Well Number:

See attached list.

10. Field and Pool, or Wildcat:

Altamont/Bluebell

1. Type of Well:

OIL GAS OTHER:

2. Name of Operator:

Linmar Petroleum Company

3. Address and Telephone Number:

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

4. Location of Well

Footages:

See attached list.

County:

See attached list.

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

State:

Utah

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

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of operator.</u> | |

Approximate date work will start 9/8/94

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

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

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

13.

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

V.P. OF MANAGING
Title: GENERAL PARTNER

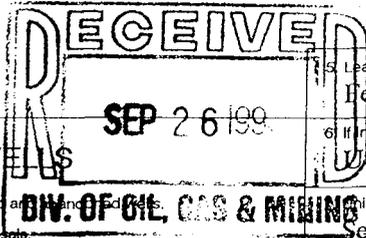
Date: 9/20/94

(This space for State use only)

WELL NAME	API #	FOOTAGES	LOCATION	COUNTY	LEASE DESIGNATION	TRIBE NAME	CA #	BOND #
Allred 1-16A3	43-013-30232	700' FNL & 1280' FEL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Allred 2-16A3	43-013- 30661 20361		Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Belcher 2-33B4	43-013-30907	2348' FNL & 1085' FWL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Brown 2-28B5	43-013-30718	1777' FSL & 1413' FWL	Section 28, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000068	102102, 962270
Carl Smith 2-25A4	43-013-30776		Section 25, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000036	102102, 962270
Chasel 2-17A1	43-013-30732	1379' FSL & 1360' FWL	Section 17, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	VR49184680C	102102, 962270
Chasel Hackford 2-10A1E#	43-047-31421	1120' FSL & 1120' FEL	Section 10, T1S, R1E, U.S.M.	Uintah	Fee	Ute	UT08014986C693	102102, 962270
Chasel Miller 2-1A2	43-013-30360		Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Clark 2-9A3	43-013-30876		Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Duncan 3-1A2	43-013-31135	1097' FSL & 702' FWL	Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Dye 1-25Z2	43-013-30659	1520' FSL & 1520' FEL	Section 25, T1N, R2W, U.S.M.	Duchesne	Fee	Ute	UT08049P84C723	102102, 962270
Fieldsted 2-27A4	43-013-30915	1496' FSL & 1718' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Fisher 1-16A4	43-013-30737	1527' FSL & 834' FEL	Section 16, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184672C	102102, 962270
Fisher 1-7A3	43-013-30131	1980' FNL & 2080' FEL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Goodrich 1-24A4	43-013-30760	1106' FNL & 1599' FEL	Section 24, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184703C	102102, 962270
Griffith 1-33B4	43-013-30288	1307' FNL & 1512' FEL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Horrocks 2-4A1	43-013-30954	1678' FNL & 1520' FEL	Section 4, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014985C701	102102, 962270
Jacobson 2-12A4	43-013-30985	1104' FSL & 2417' FWL	Section 12, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	UT08014986C685	102102, 962270
Jenkins 3-16A3	43-013-30877	1085' FSL & 1905' FWL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Jensen 1-29Z1	43-013-30725	1331' FSL & 2424' FEL	Section 29, T1N, T1W, U.S.M.	Duchesne	Fee	Ute	VR49184681C	102102, 962270
Jessen 1-15A4	43-013-30817	2417' FNL & 1514' FEL	Section 15, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184692C	102102, 962270
LeBeau 1-34A1	43-013-30590		Section 34, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute	VR49184694C	102102, 962270
Lindsay Russell 1-32B4	43-013-30308	1320' FNL & 1320' FEL	Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Morris 2-7A3	43-013-30977	2473' FSL & 580' FWL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Olsen 1-27A4	43-013-30064	1200' FNL & 1200' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Oman 2-32A4	43-013-30904	754' FSL & 1140' FWL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Powell 2-8A3	43-013-30979	661' FSL & 1114' FWL	Section 8, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	NRM-715	102102, 962270
3-24A4 30289	43-013-30289		Section 36, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000113	102102, 962270
Timothy 1-9A3	43-013-30321	1491' FNL & 1646' FEL	Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Timothy 3-18A3	43-013-30940		Section 18, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000132	102102, 962270
Warren 1-32A4	43-013-30174	1799' FNL & 1104' FEL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Wildlife Resources 1-33B5	43-013-30649	1804' FNL & 1603' FEL	Section 33, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	UT08049184C726	102102, 962270
Wilkerson 1-20Z1	43-013-30942	1523' FSL & 1509' FEL	Section 20, T1N, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014986C680	102102, 962270

SEP 26 1994

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/>	8. Well Name and Number: See attached list.
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: See attached list.
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	10. Field and Pool, or Wildcat: Altamont/Bluebell
4. Location of Well Footages: See attached list. County: See attached list. QQ, Sec., T., R., M.: State: Utah	

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

NOTICE OF INTENT
(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of operator.</u> | |

Approximate date work will start 9/8/94

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

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

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

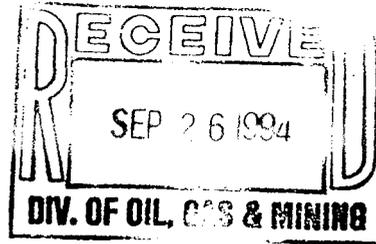
13. Name & Signature: Bonnie Schuder Title: Environmental Analyst Date: 09/19/94

(This space for State use only)

WELL NAME	API #	FOOTAGES	LOCATION	COUNTY	LEASE DESIGNATION	TRIBE NAME	CA #	BOND #
Allred 1-16A5	43-013-30232	700' FNL & 1280' FEL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Allred 2-16A5	43-013-30361		Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Barrett 1-34A5	43-013-30323	713' FNL & 1387' FEL	Section 34, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Belcher 2-33B4	43-013-30907	2348' FNL & 1085' FWL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Birch 1-35A5	43-013-30233	757' FNL & 1024' FEL	Section 35, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Birch 2-35A5	43-013-30362		Section 35, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 1-25B4	43-013-30668	778' FNL & 1627' FEL	Section 25, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 1-27B4	43-013-30185	1244' FNL & 1464' FEL	Section 27, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 2-35B5	43-013-30908	2432' FNL & 1648' FWL	Section 35, T2S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brotherson 2-38B4	43-013-31008	1226' FSL & 1933' FWL	Section 3, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Brown 2-28B3	43-013-30718	1777' FSL & 1413' FWL	Section 28, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000068	102102, 962270
Carl Smith 2-35A4	43-013-30776		Section 25, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000036	102102, 962270
Chandler 2-53B4	43-013-31000	466' FSL & 1180' FWL	Section 5, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Chasel 2-17A1	43-013-30732	1379' FSL & 1360' FWL	Section 17, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	VR49184680C	102102, 962270
Chasel Hackford 2-10A1E	43-047-31421	1120' FSL & 1120' FEL	Section 10, T1S, R1E, U.S.M.	Uintah	Fee	Ute	UT08014986C693	102102, 962270
Chasel Miller 2-1A2	43-013-30360		Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Christensen 2-26A5	43-013-30905	776' FSL & 1467' FWL	Section 26, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Christensen 2-48B3	43-013-30780	1880' FSL & 1694' FWL	Section 8, T2S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Christensen 3-48B4	43-013-31142	804' FSL & 1933' FWL	Section 4, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Christman Blann 1-31B4	43-013-30198	1257' FNL & 1552' FEL	Section 31, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Clark 2-9A3	43-013-30876		Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Duncan 3-1A2	43-013-31135	1097' FSL & 702' FWL	Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Dye 1-25Z2	43-013-30659	1520' FSL & 1520' FEL	Section 25, T1N, R2W, U.S.M.	Duchesne	Fee	Ute	UT08049P84C723	102102, 962270
D. Moon 1-23Z1	43-047-31479		Section 23, T1N, R1W, U.S.M.	Uintah	Fee	Ute		102102, 962270
Ellsworth 2-33B4	43-013-30898	1580' FSL & 1580' FWL	Section 8, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Ellsworth 2-53B4	43-013-31138	2976' FNL & 2543' FWL	Section 9, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Evans 1-31A4	43-013-30067	1987' FNL & 1973' FEL	Section 31, T1S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Fieldsted 2-27A4	43-013-30915	1496' FSL & 1718' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Fisher 1-16A5	43-013-30737	1527' FSL & 834' FEL	Section 16, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184672C	102102, 962270
Fisher 1-19A3	43-013-30535	1609' FNL & 1671' FEL	Section 19, T1S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Fisher 1-7A3	43-013-30131	1980' FNL & 2080' FEL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Fisher 2-6A3	43-013-30984	404' FSL & 596' FEL	Section 6, T1S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Ford 2-36A5	43-013-30911	1113' FSL & 1659' FWL	Section 36, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Goodrich 1-24A4	43-013-30760	1106' FNL & 1599' FEL	Section 24, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184703C	102102, 962270
Griffith 1-33B4	43-013-30288	1307' FNL & 1512' FEL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Hansen 1-16B3	43-013-30617	2088' FSL & 1760' FWL	Section 16, T2S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Horrocks 1-3A1	43-013-30171	2502' FNL & 2141' FWL	Section 3, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute		102102, 962270
Horrocks 2-4A1	43-013-30954	1678' FNL & 1520' FEL	Section 4, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014985C701	102102, 962270
Jacobson 2-12A4	43-013-30985	1104' FSL & 2417' FWL	Section 12, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	UT08014986C685	102102, 962270
Jenkins 3-16A3	43-013-30877	1085' FSL & 1905' FWL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Jensen 1-20Z1	43-013-30725	1331' FSL & 2424' FEL	Section 29, T1N, T1W, U.S.M.	Duchesne	Fee	Ute	VR49184681C	102102, 962270
Jensen 1-31A5	43-013-30186	1380' FNL & 1244' FEL	Section 31, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Jensen 2-29A3	43-013-30974	1085' FSL & 1528' FWL	Section 29, T1S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Jessen 1-15A3	43-013-30817	2417' FNL & 1514' FEL	Section 15, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184692C	102102, 962270
Jessen 1-17A3	43-013-30173	1182' FNL & 1130' FEL	Section 17, T1S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
LeBeau 1-34A1	43-013-30590		Section 34, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute	VR49184694C	102102, 962270
Lindsay Russell 1-32B4	43-013-30308	1320' FNL & 1320' FEL	Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Linmar 1-19B2	43-013-30600	2032' FNL & 2120' FWL	Section 19, T2S, R2W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Marshall 1-20A3	43-013-30193	565' FNL & 1821' FEL	Section 20, T1S, R3W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Morris 2-7A3	43-013-30977	2473' FSL & 580' FWL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Murray 3-2A2	43-013-30816	2211' FNL & 2257' FWL	Section 2, T1S, R2W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Olsen 1-27A4	43-013-30064	1200' FNL & 1200' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Oman 2-32A4	43-013-30904	754' FSL & 1140' FWL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Oman 2-4B4	43-013-30645	1536' FSL & 1849' FWL	Section 4, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Powell 2-8A3	43-013-30979	661' FSL & 1114' FWL	Section 8, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	NRM-715	102102, 962270
Rhodes Moon 1-35B5	43-013-30155	870' FNL & 960' FEL	Section 35, T2S, R5W, U.S.M.	Duchesne	Fee	Ute		102102, 962270
Rhodes Moon 1-36B5	43-013-30289		Section 36, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000113	102102, 962270
Timothy 1-9A3	43-013-30321	1491' FNL & 1646' FEL	Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Timothy 3-10A3	43-013-30940		Section 18, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000132	102102, 962270
Warren 1-32A4	43-013-30174	1799' FNL & 1104' FEL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Wildlife Resources 1-33B5	43-013-30649	1804' FNL & 1603' FEL	Section 33, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	UT08049184C726	102102, 962270
Wilkinson 1-20Z1	43-013-30942	1523' FSL & 1509' FEL	Section 20, T1N, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014986C680	102102, 962270
Wimmer 2-27B4	43-013-30941	904' FNL & 886' FWL	Section 27, T2S, R4W, U.S.M.	Duchesne	Fee	Ute		102102, 962270



Coastal
The Energy People



September 21, 1994

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

ATTN: Leesha Cordoba

Leesha:

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

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

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

Thanks again for you much appreciated help.

Sincerely,

Bonnie Johnston
Environmental Coordinator
(303) 573-4476

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, 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:
N/A

7. Unit Agreement Name:
N/A

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
Rhoades-Moon #1-36B5

2. Name of Operator:
Coastal Oil & Gas Corporation

9. API Well Number:
43-013-30289

3. Address and Telephone Number:
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat:
Altamont

4. Location of Well
Footages: 1178' FEL & 1178' FNL
QQ, Sec., T., R., M.: NENE Section 36-T2S-R5W

County: Duchesne
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 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 to P&A the subject well.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
DATE: 12/29/94
BY: [Signature]
as per attached strips.

13. Name & Signature: N.O. Shiflett jeb

Title: N.O. Shiflett District Drilling Manager Date: 12/16/94

(This space for State use only)

PLUG AND ABANDON PROCEDURE

RHOADES-MOON #1-36B5

Section 36-T2S-R5W
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1178' FEL, 1178' FNL
Elevation: 6077' GL; 6105' KB
Total Depth: 12,100' PBT: 9390' (RBP)
Casing: 9 5/8" 40#, J-55 and N-80 @ 5800'
7" 26#, S-95 and N-80 LT&C from 0' to 10,198' cmt
w/970 sxs
5", 18#, N-80 LT&C from 9872' to 12,100' cmt w/210
sxs
Tubing: 2-7/8", N-80 EUE 8 RD @ 8905' w/R-3 packer

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity (BPF)</u>	<u>Burst (PSI)</u>	<u>Collapse (PSI)</u>
9-5/8" 40# J-55	8.835"	8.679"	.0773	3,950	2,570
7" 26# S-95 LT&C	6.276"	6.151"	.0382	8,600	7,800
5" 18# N-80 LT&C	4.276"	4.151"	.0177	10,140	10,490

WELL HISTORY

06/74 Initial Completion. Perforate from 10,669' to 11,691', 2 SPF, 164 holes. Acidize w/20,000 gal 15% HCl. Prod 50 BOPD, 250 MCFPD, 125 BWPD.

04/76 Added perforations 10,214' to 11,548'. 374 holes. Acidize with 20,000 gals 7-1/2% acid.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 75 BOPD, 225 MCFPD, 35 BWPD

02/81 Acidized w/10,000 gal 15% HCl.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 25 BOPD, 75 MCFPD, 20 BWPD

10/85 Acidized w/5,000 gal 15% HCl.
Prior Production: 5 BOPD, Nil MCFPD, 10 BWPD
Post Production: 5 BOPD, 5 MCFPD, 35 BWPD

07/88 Recomplete to GR 9000'-451', 48 holes. Acidize w/2500 gal 15% HCl.
Prior Production: 5 BOPD, Nil MCFPD, 25 BWPD
Post Production: 7 BOPD, 5 MCFPD, 40 BWPD

PLUG AND ABANDON PROCEDURE
PAGE TWO
RHOADES-MOON #1-36B5
Section 36-T2S-R5W
Altamont Field
Duchesne County, Utah

PROCEDURE

- 1) MIRU service rig. ND tree and spool & RU 11" BOP's. Unseat R-3 pkr and POOH.
- 2) PU 7" 26# retainer and TIH on 2-7/8" tbg. Set retainer @ 8900' and circ hole clean. Sting into retainer and establish injection rate. Pump ± 100 sx class G (yield 1.15 ft³/sk) below retainer. Unsting f/retainer and spot ± 25 sx cmt as a balanced plug above the retainer. Cement plug to fill casing from 8800' to RBP @ 9390'.
- 3) Circulate hole w/9.0 ppg inhibited fluid. POOH w/tbg.
- 4) RU WLS. Tag PBTB to verify plug depth. run free point survey to determine viability of pulling 7" casing.

If 7" csg is recovered below 2000':

- a) TIH w/2-7/8" tbg open-ended to top of 7" casing stub. Spot a balanced 200' plug centered across the stub. PU tbg and WOC. With pumps on and circulating, tag plug to verify depth.
- b) Spot a 100'+ plug in the 9-5/8" casing from 1950'-2050'. WOC. With pumps on and circulating, tag plug to verify depth.

If 7" csg is recovered to less than the lowest known fresh water (2000'):

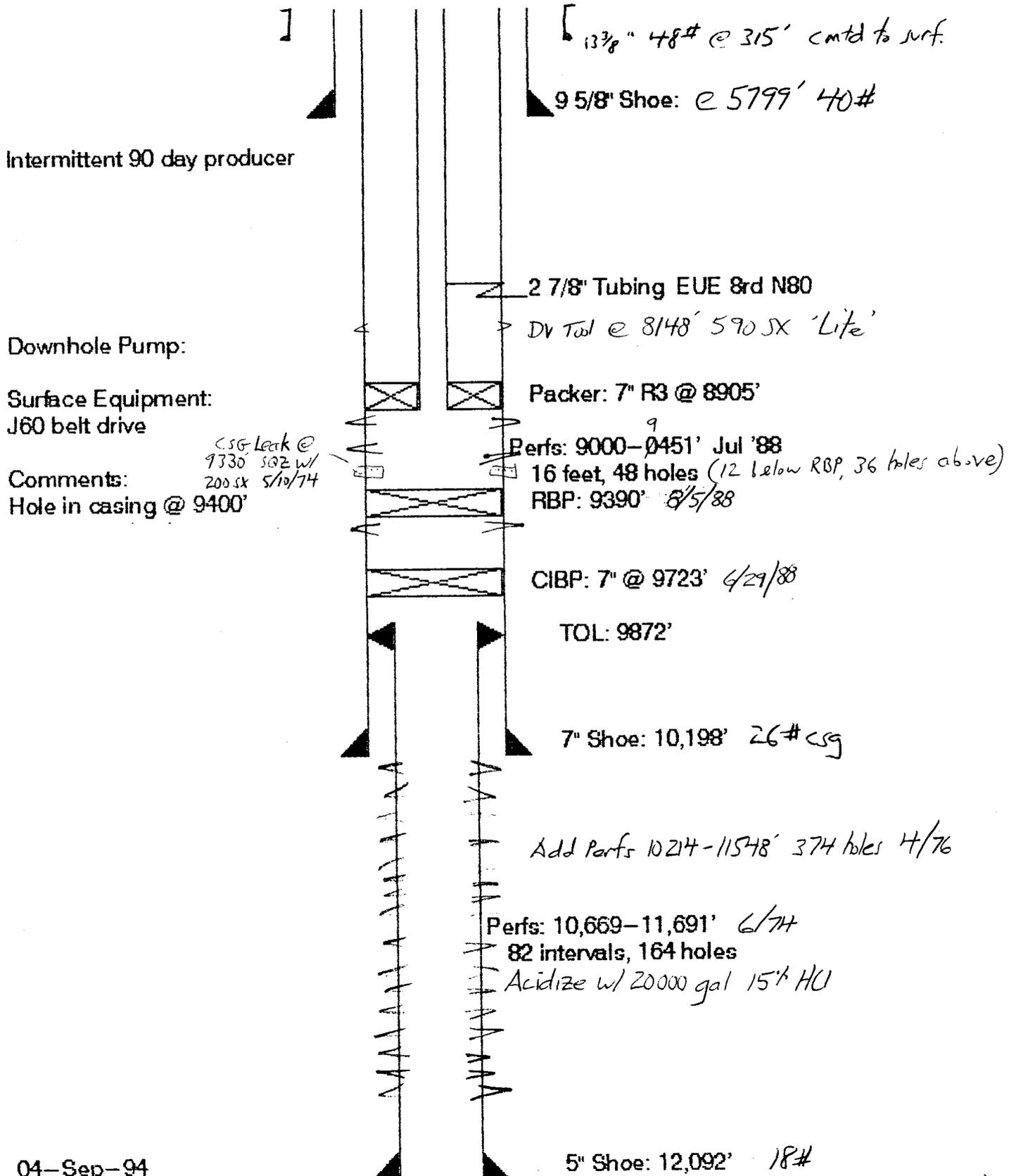
- a) RU WLS. Punch four squeeze holes in 7" casing ^{at} to 2000'. RIH and set 7" retainer above squeeze holes. TIH, sting into retainer and establish injection rate. Pump 100 sx of cement (>100' plug) below and above retainer. WOC.
- 5) TOOH to 300'. Spot a 300' cement surface plug. Tie onto each remaining casing annulus and test the injection rate. Pump cement into each annulus to approx. 300'.
- 6) Cut casings as necessary and weld a dry hole marker w/an inscription to include well number, location, and name of lease. Restore location. RDMO.

TWH/gld

RHOADES 1-36B5

Sec 36; 2S; 5W

Current Schematic 11/94

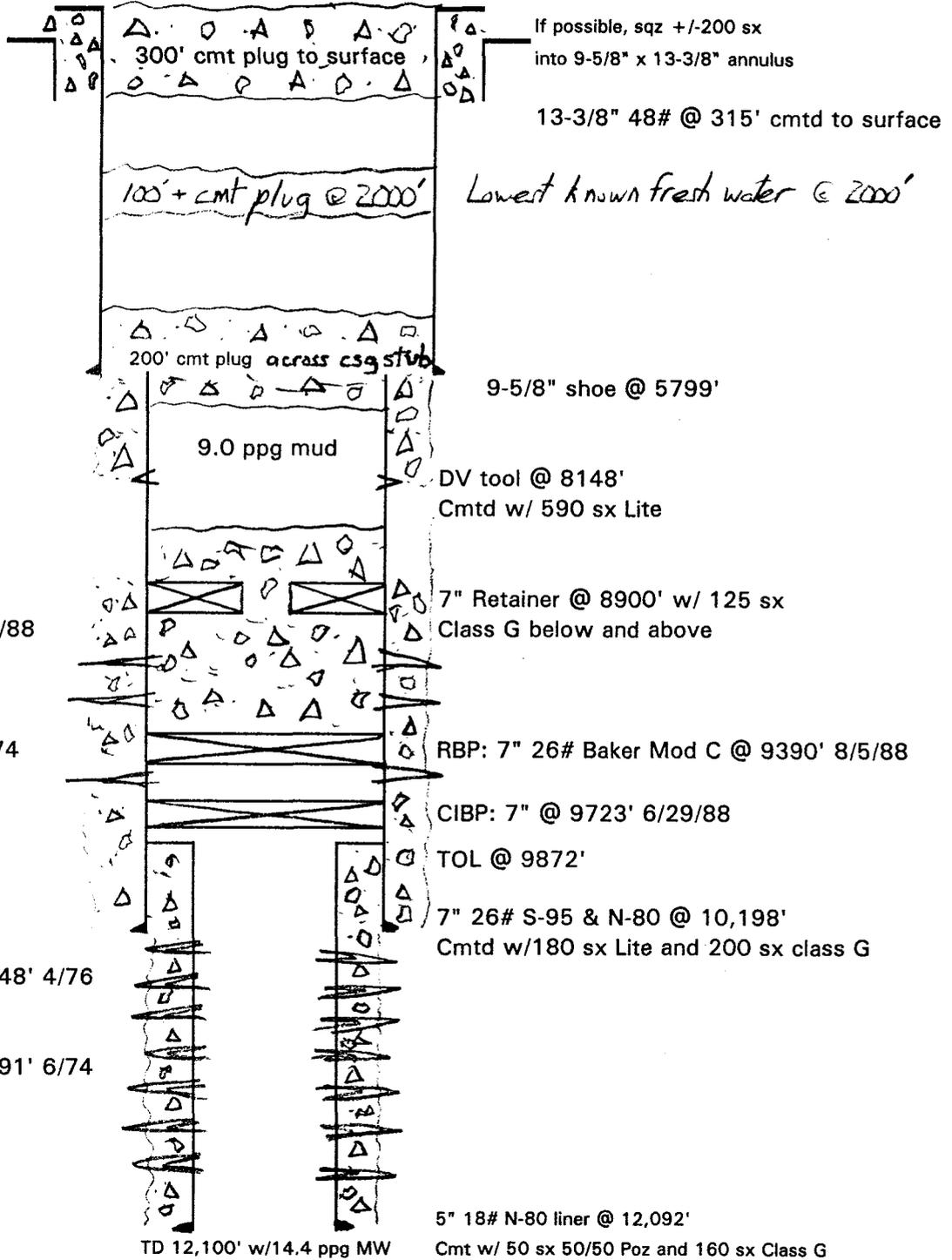


04-Sep-94

Rhoades-Moon #1-36B5
 Altamont Field
 Duchesne Co., UT

Proposed P&A Schematic
 Assuming production csg is cut ^{below fresh water zones} at surface shoe

KB: 6105'
 GL: 6077'



Perfs 9000-451' 7/88
 48 holes

Csg leak @ 9330'
 Sqzd w/200 sx 5/74

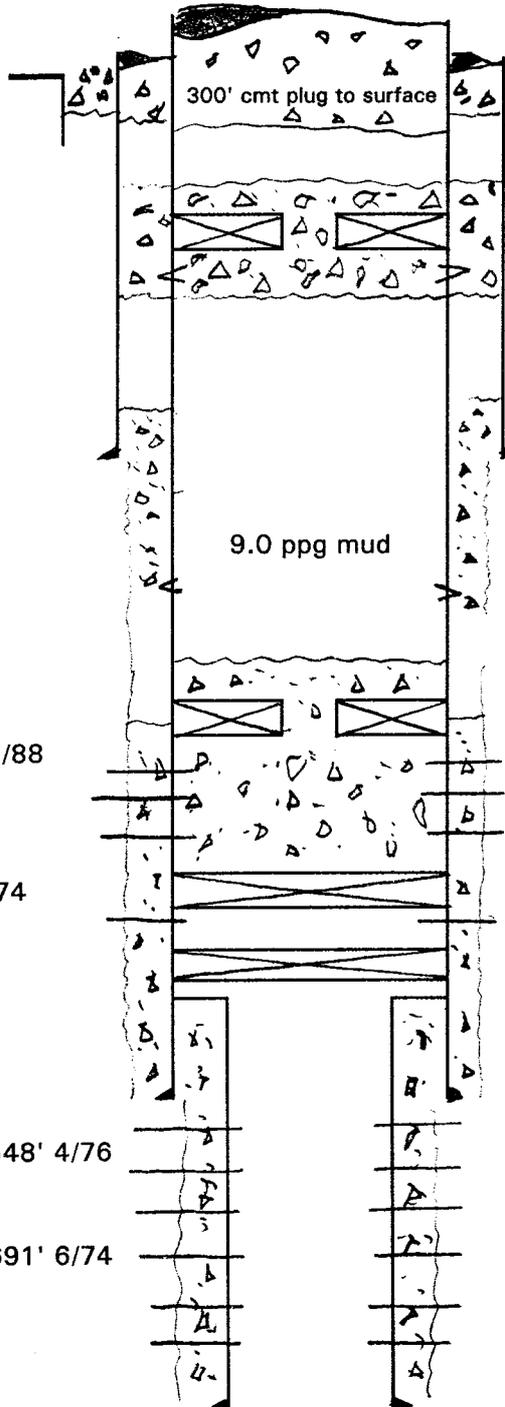
Perfs 10,214-11,548' 4/76
 374 holes

Perfs 10,669-11,691' 6/74
 164 holes

Rhoades-Moon #1-36B5
 Altamont Field
 Duchesne Co., UT

Proposed P&A Schematic *fresh water zone*
 Assuming production csg is not cut or is cut above ~~surface shoe~~

KB: 6105'
 GL: 6077'



If possible, sqz cmt into each csg annulus

13-3/8" 48# @ 315' cmtd to surface

Retainer @ 2000' w/cmt sqzd into 9-5/8" x 7" annulus

TOC Unknown

200' cmt plug in 7" csg @ 9-5/8" shoe
 9-5/8" shoe @ 5799' *40# csg*

9.0 ppg mud

DV tool @ 8148'
 Cmtd w/ 590 sx Lite

7" Retainer @ 8900' w/ 125 sx
 Class G below and above

Perfs 9000-451' 7/88
 48 holes

Csg leak @ 9330'
 Sqzd w/200 sx 5/74

RBP: 7" 26# Baker Mod C @ 9390' 8/5/88

CIBP: 7" @ 9723' 6/29/88

TOL @ 9872'

7" 26# S-95 & N-80 @ 10,198'
 Cmtd w/180 sx Lite and 200 sx class G

Perfs 10,214-11,548' 4/76
 374 holes

Perfs 10,669-11,691' 6/74
 164 holes

5" 18# N-80 liner @ 12,092'

TD 12,100' w/14.4 ppg MW

Cmt w/ 50 sx 50/50 Poz and 160 sx Class G



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 29, 1994

PLUGGING & ABANDONMENT STIPULATIONS
Rhoads-Moon 1-36B5
Section 36, Township 2 South, Range 5 West
Duchesne County, Utah
API # 43-013-30289

1. Notify DOGM office 24 hours prior to beginning plugging.
2. After Step 3, pressure test casing to 500 psi. for 15 min.
3. If casing is pulled, a 100' cement plug will be placed across the casing stub, 50' in and 50' out of the stub. if cuts are made and casing cannot be pulled, cement will be placed across the cut.
4. In Step 4. (b) spot a 100' plug from 2450' to 2550' and **Tag Plug.**
5. Fill all casing annuli at the surface w/cement.
6. Install dry hole marker as per Utah Adm. Code R.6649-3-24-7, and rehab location according to State Trust Lands specifications.

A handwritten signature in black ink, appearing to be 'JWA'.

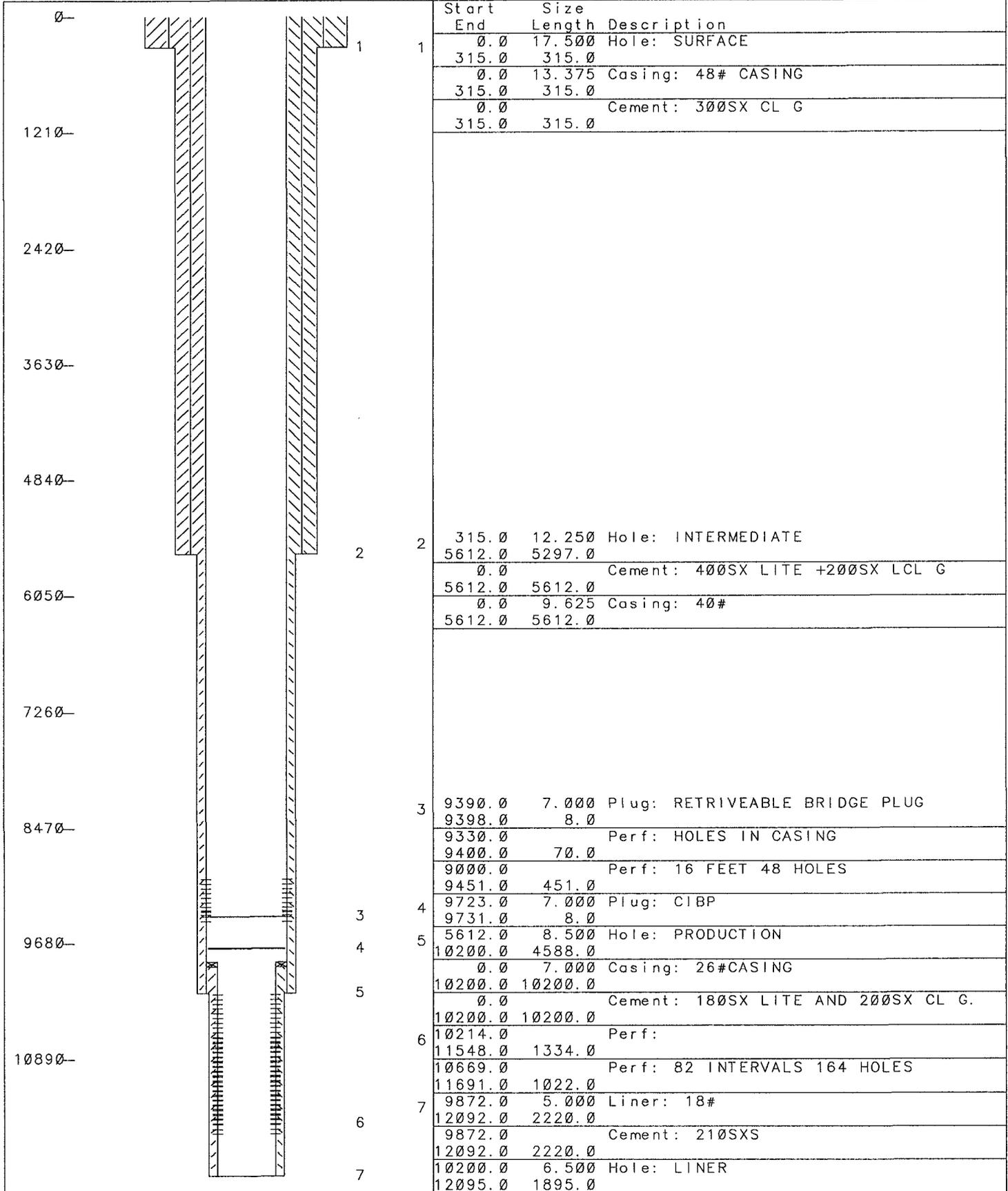


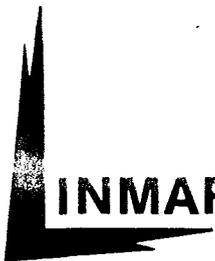
Lease: RHOADES
Well #: 1-36B5

API #: 43-013-30289-
Location: Sec 36 Twn 2S Rng 05W
County: DUCHESNE
State: UTAH
Field: ALTAMONT
Operator: COASTAL OIL & GAS CORP.

Spud Date: 03/16/1974
KB: 0
TD: 12095

Comp Date: 07/04/1974
ELEV: 6077
PBD: 11990

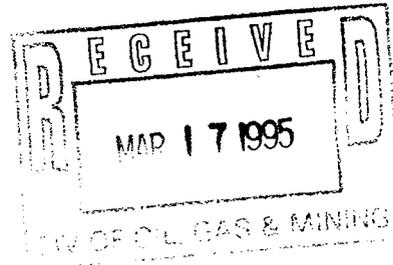




INMAR PETROLEUM COMPANY

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

March 15, 1995



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

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

Gentlemen:

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

Thank you for your cooperation.

Very truly,

LINMAR PETROLEUM COMPANY

BY:

L. M. Rohleder
Vice President of
Managing General Partner

LMR

Encl.

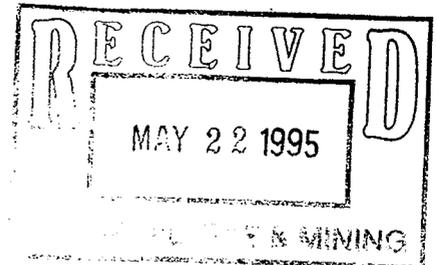
INMAR PETROLEUM COMPANY

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

May 18, 1995

2nd NOTICE!

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



GENTLEMEN:

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

Thank you for your cooperation.

Very truly,

LINMAR PETROLEUM COMPANY

BY:


L. M. Rohleder
Vice President of Managing
General Partner

LMR

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

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9523

REPORT PERIOD (MONTH/YEAR): 8 / 95

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
RHOADES MOON 1-36B5								
4301330289	04765	02S 05W 36	GR-WS			96-000113	FEE	
LINDSAY RUSSELL 1-32B4								
4301330308	04770	02S 04W 32	GR-WS			96-000116	FEE	
WILDLIFE RESOURCES 1-33B5								
4301330649	09132	02S 05W 33	GR-WS			UT080492840726	FEE	
CARL SMITH 2-25A4								
4301330776	09137	01S 04W 25	GR-WS			96-000036	FEE	
CHASEL-HACKFORD 2-10-A1E								
4304731421	09400	01S 01E 10	GR-WS			UTC80149860693	FEE	
UTE TRIBAL 2-21C7								
1331026	10320	03S 07W 21	GR-WS			96-000112	INDIAN	
TOTALS								

REMARKS: *950913 when chgd to Coastal set up under N0230 (B)

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

Date: _____

Name and Signature: _____

Telephone Number: _____

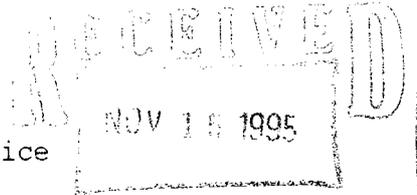
memorandum

DATE: November 6, 1995

REPLY TO: *cc: [signature]*
 ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

to: Bureau of Land Management, Vernal District Office



DEPT. OF OIL, GAS & MINING

We are in receipt of the Designation of Successor Operator for our approval whereby Linmar Petroleum Company resigned as Operator and Coastal Oil & Gas Corporation was designated as the new Operator for Communization Agreements (CA) listed below:

CA Number	Sec./ Twnshp/Rng	Legal Descrip.	Acres
96-000116	32-2S-4W	All	657.77
UT080149-84C726	33-2S-5W	All	640.0
96-000036	25-1S-4W	All	640.0
96-000112	21-3S-7W	ALL	640.0
UT080149-86C693	10-1S-1E	ALL	640.0
96-000113	36-2S-5W	ALL	640.0

The enclosed instruments were approved on November 3, 1995. Coastal Bond No. 11-40-66A will be used to cover all CA operations, plugging and abandonment of wells.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

Charles H. Cameron

Enclosures

cc: Lisha Cordova, Utah State DOGM
 Theresa Thompson, BLM/SLC

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
(OPER. CHG.) _____
RJF/FYI _____
VLC/FYI _____

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

2. DOGM Employee (name) L. CORDOVA (Initiated Call)
Talked to:

Name BOB DALE (Initiated Call) - Phone No. (303) 572-1121
of (Company/Organization) COASTAL OIL & GAS CORP.

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

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

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

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

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

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-PL	✓
2-LMP	8-SJ	✓
3-DPS	9-FILE	✓
4-VLC		✓
5-RJF		✓
6-LWP		✓

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

- 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: 9-8-94)

TO (new operator) COASTAL OIL & GAS CORP
 (address) PO BOX 749
DENVER CO 80201-0749
 phone (303) 572-1121
 account no. N 0230(B)

FROM (former operator) LINMAR PETROLEUM COMPANY
 (address) 7979 E TUFTS AVE PKWY 604
DENVER CO 80237
C/O COASTAL OIL & GAS CORP
 phone (303) 773-8003
 account no. N 9523(A)

Well(s) (attach additional page if needed): *CA'S

Name: *RHOADES MOON 1-36B5/GR	API: 43-013-30289	Entity: 4765	Sec 36	Twp 2S	Rng 5W	Lease Type: FEE
Name: *LINDSAY RUSSELL 1-32B4	API: 43-013-30308	Entity: 4770	Sec 32	Twp 2S	Rng 4W	Lease Type: FEE
Name: *DYE 1-25Z2/GR-WS	API: 43-013-30659	Entity: 9111	Sec 25	Twp 1N	Rng 2W	Lease Type: FEE
Name: *WILDLIFE RES 1-33B5/GR	API: 43-013-30649	Entity: 9132	Sec 33	Twp 2S	Rng 5W	Lease Type: FEE
Name: *CARL SMITH 2-25A4/GR-WS	API: 43-013-30776	Entity: 9137	Sec 25	Twp 1S	Rng 4W	Lease Type: FEE
Name: *CHASEL-HACKFORD 2-10-A1	API: 43-047-31421	Entity: 9400	Sec 10	Twp 1S	Rng 1E	Lease Type: FEE
Name: *UTE TRIBAL 2-21C7/GR-WS	API: 43-013-31026	Entity: 10320	Sec 21	Twp 3S	Rng 7W	Lease Type: INDIAN

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 9-12-94)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 9-21-94)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____.
- lec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-16-95)*
- lec* 6. Cardex file has been updated for each well listed above. *(11-20-95)*
- lec* 7. Well file labels have been updated for each well listed above. *(11-20-95)*
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-16-95)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) 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) * U605382-1 (80,000) "United Pacific Ins. Co."

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. * Upon compl. of routing.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date July 6, 1995. If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: November 30 1995.

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

951115 BIA / Apr. 11-3-95.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, 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:
N/A

7. Unit Agreement Name:
N/A

1. Type of Well:
OIL GAS OTHER:

8. Well Name and Number:
Rhoades-Moon #1-36B5

2. Name of Operator:
Coastal Oil & Gas Corporation

9. API Well Number:
43-013-30289

3. Address and Telephone Number:
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat:
Altamont

4. Location of Well
Footages: 1178' FEL & 1178' FNL
QQ, Sec., T., R., M.: NENE Section 36-T2S-R5W

County: Duchesne
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input checked="" type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start: _____ Upon Approval _____

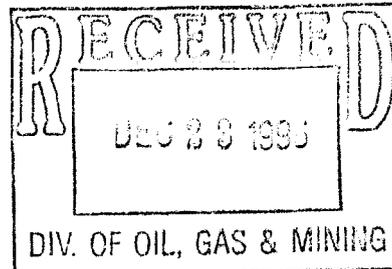
Date of work completion: _____
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* 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 to convert the subject well to SWD. Please note that this well is currently temporarily abandoned.

A UIC permit application is currently being prepared for submittal to the State of Utah and EPA.



13. Name & Signature: Sheila Bremer

Title: Environmental & Safety Analyst Date: 12/19/96

(This space for State use only)

SWD CONVERSION PROCEDURE

RHOADES-MOON #1-36B5

Section 36-T2S-R5W
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1178' FEL, 1178' FNL
Elevation: 6077' GL; 6105' KB
Total Depth: 12,100' PBTd: 9390' (RBP)
Casing: 13-3/8" 48# H-40 @ 315' KB cmt'd to surf w/ 300 sks
9-5/8" 40# J-55(103 jts) and N-80 (38 jts) @ 5799' KB cmt'd w/ 600sks
7" 26# S-95 (64 jts) & N-80 (186 jts) @ 10,198' KB cmt'd w/ 380 sks
DV collar @ 8148' cmt'd w/ 590 sks.
5" 18# N-80 from 9,872' to 12,092' cmt'd w/ 210 sks

Tubing: 2-7/8" N-80 EUE 8 rd @ 8905' w/ R-3 pkr

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity (BPF)</u>	<u>Burst (PSI)</u>	<u>Collapse (PSI)</u>
9-5/8" 40# J-55	8.835"	8.679"	.0773	3950	2570
9-5/8" 40# N-80	8.835"	8.679"	.0773	5750	3090
7" 26# S-95	6.276"	6.151"	.0382	8600	5870
7" 26# N-80	6.276"	6.151"	.0382	7240	5410
5" 18# N-80	4.276"	4.151"	.0177	10140	10490

WELL HISTORY

- 6/74 Initial completion. Perforate from 10,669' to 11,691', 2 SPF, 164 holes. Acidize w/ 20,000 gals 15% HCl. Prod 50 BOPD, 250 MCFPD, 125 BWPD.
- 4/76 Added perforations 10,214' to 11,548'. 374 holes. Acidize with 20,000 gals 7-1/2% HCl.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 75 BOPD, 225 MCFPD, 35 BWPD
- 2/81 Acidized w/ 10,000 gals 15% HCl
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 25 BOPD, 75 MCFPD, 20 BWPD

10/85 Acidized w/ 5,000 gals 15% HCl

Prior Production: 5 BOPD, 0 MCFPD, 10 BWPD

Post Production: 5 BOPD, 5 MCFPD, 35 BWPD

7/88 Recomplete to Green River. Perf 9000' to 9451', 48 holes. Acidize w/ 2,500 gals 15% HCl.

Prior Production: 5 BOPD, 0 MCFPD, 25 BWPD

Post Production: 7 BOPD, 5 MCFPD, 40 BWPD

PRESENT STATUS

Shut In. Approved to P & A

PROCEDURE

- 1) Notify DOGM office 24 hrs prior to beginning operations.
- 2) MIRU service rig. NUBPOE. Unseat R-3 pkr and POOH.
- 3) PU 7" 26# cmt retainer on 2-7/8" tubing & TIH. Set retainer @ 8900'. Rls from retainer and circ hole clean. Sting into retainer and establish injection rate. Pump 100 sacks class G cmt below retainer. Rls from retainer and spot 25 sxs cmt on top of retainer. TOC at ±8800'. Btm of cmt @ ±9390' (RBP).
- 4) Circ hole w/ 9.0 ppg inhibited fluid. Press tst casing to 500 psi for 15 min. POOH w/ tubing.
- 5) RU casing jacks. Prep to chemical cut and POOH w/ 7" casing. (Note: free point taken 11/12/96 indicated 7" casing free between 4700' to 5000'). Make first cut @ 5000' and work way uphole until casing comes free. POOH.
- 6) TIH w/ tubing open ended. Spot 200 ft cement plug across casing stub, 100' in and 100' out of stub (±46 sacks). Estimated TOC between 4600' to 4900'. WOC 24 hrs min. Press tst 9-5/8" casing and cmt plug to 1500 psig.
- 7) RU Schlumberger. Run GR/CBL/CET logs from PBTD to surf w/ 1500 psig. Run GR/CNL/DSI Sonic tool from PBTD to surf to determine proposed injection zones.
- 8) Squeeze casing as necessary.
- 9) RU wireline service co. Perforate the Uintah-Duchesne Formation and selectively from ±2400' to ±4600' @ 4 SPF w/ 4" csg gun. Correlate to the DSI Sonic log.

Rhoades Moon #1-36B5

November 18, 1996

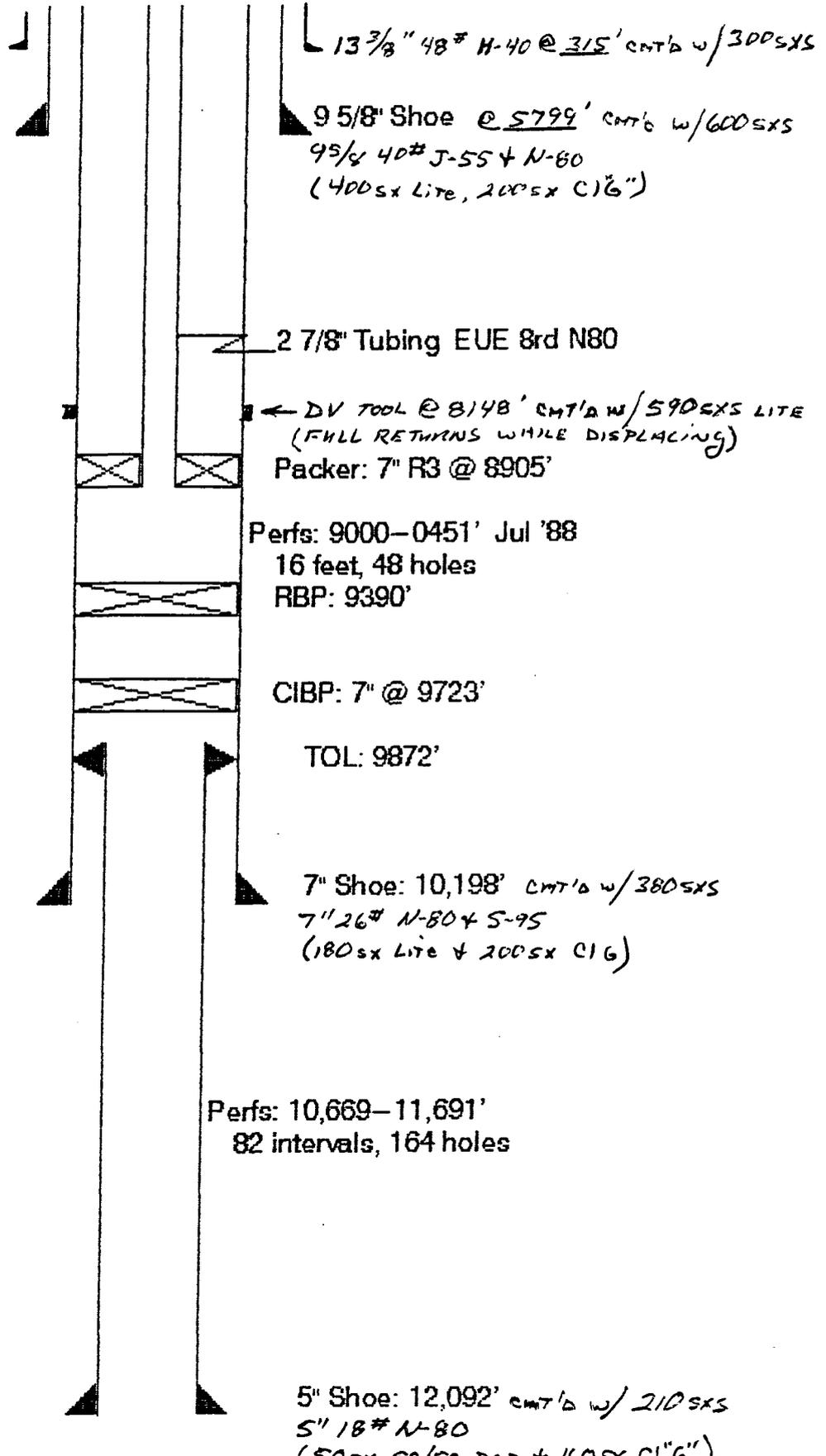
Page 2

- 10) RIH w/ a retrievable pkr & RBP. Isolate perforated intervals and swab test separately for analysis of formation water as required by the State of Utah and BLM. POOH w/ pkr & RBP.
- 11) RIH w/ tension set pkr and set above the perforated interval. Press tst backside to 1500 psig. Acidize interval with 15% HCL and rock salt diverter. Volumes to be determined following zone identification and perforations shot in step 9. Consult with Denver office.
- 12) Swab back acid load. Establish injection rate. POOH
- 13) RIH w/ Loc-Set pkr, w/profile nipple, on-off tool on 3-1/2" 9.3# 8rd Duoline-20 fiberglass lined tubing. Set pkr approx 100' above top perf. Press test annulus to 1000 psig.
- 14) NU injection wellhead. RDMO.

RHOADES 1-36B5

Sec 36; 1S; 5W

PRESENT WELLBORE SCHEMATIC

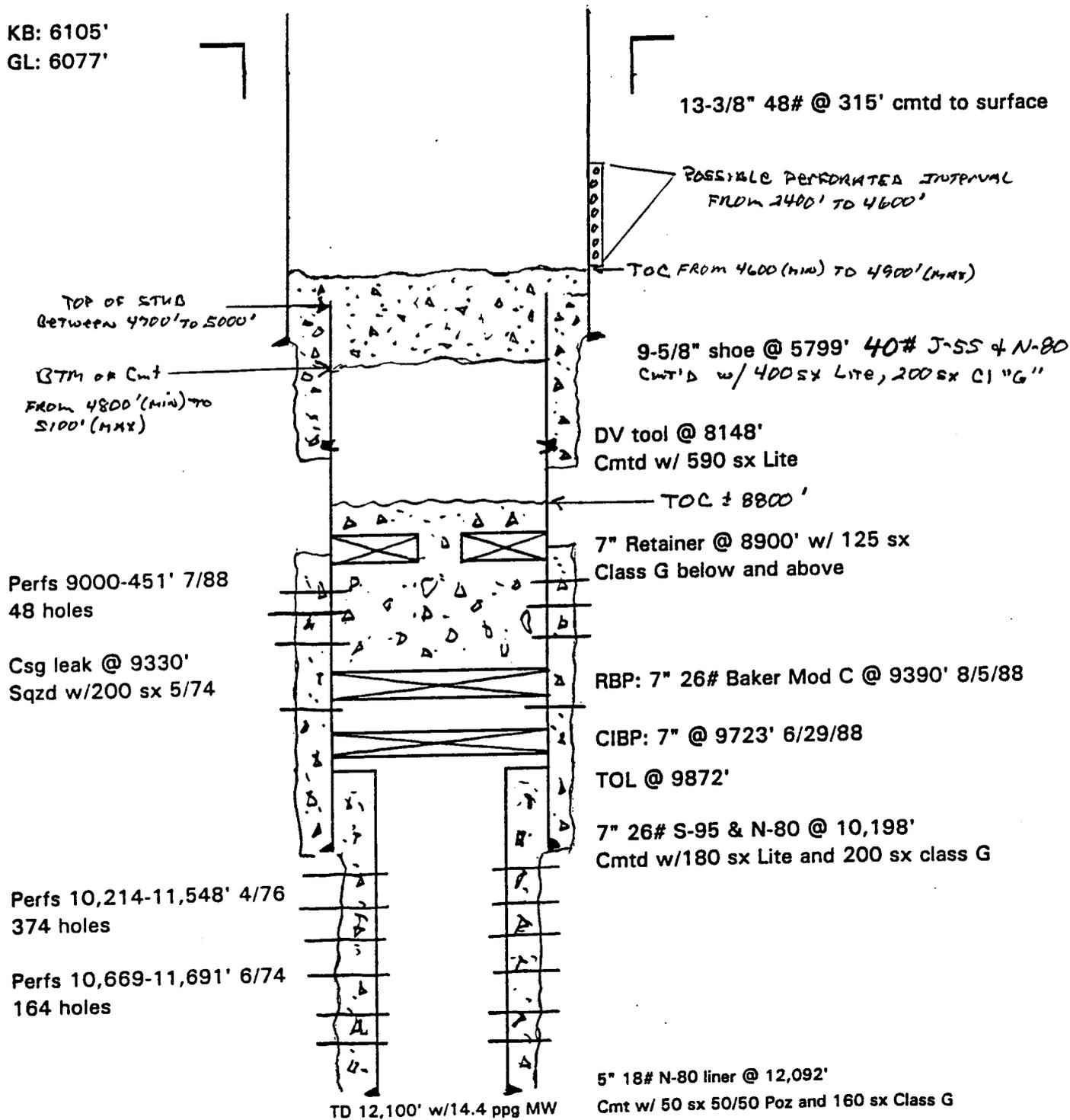


Rhoades-Moon #1-36B5

Altamont Field
Duchesne Co., UT

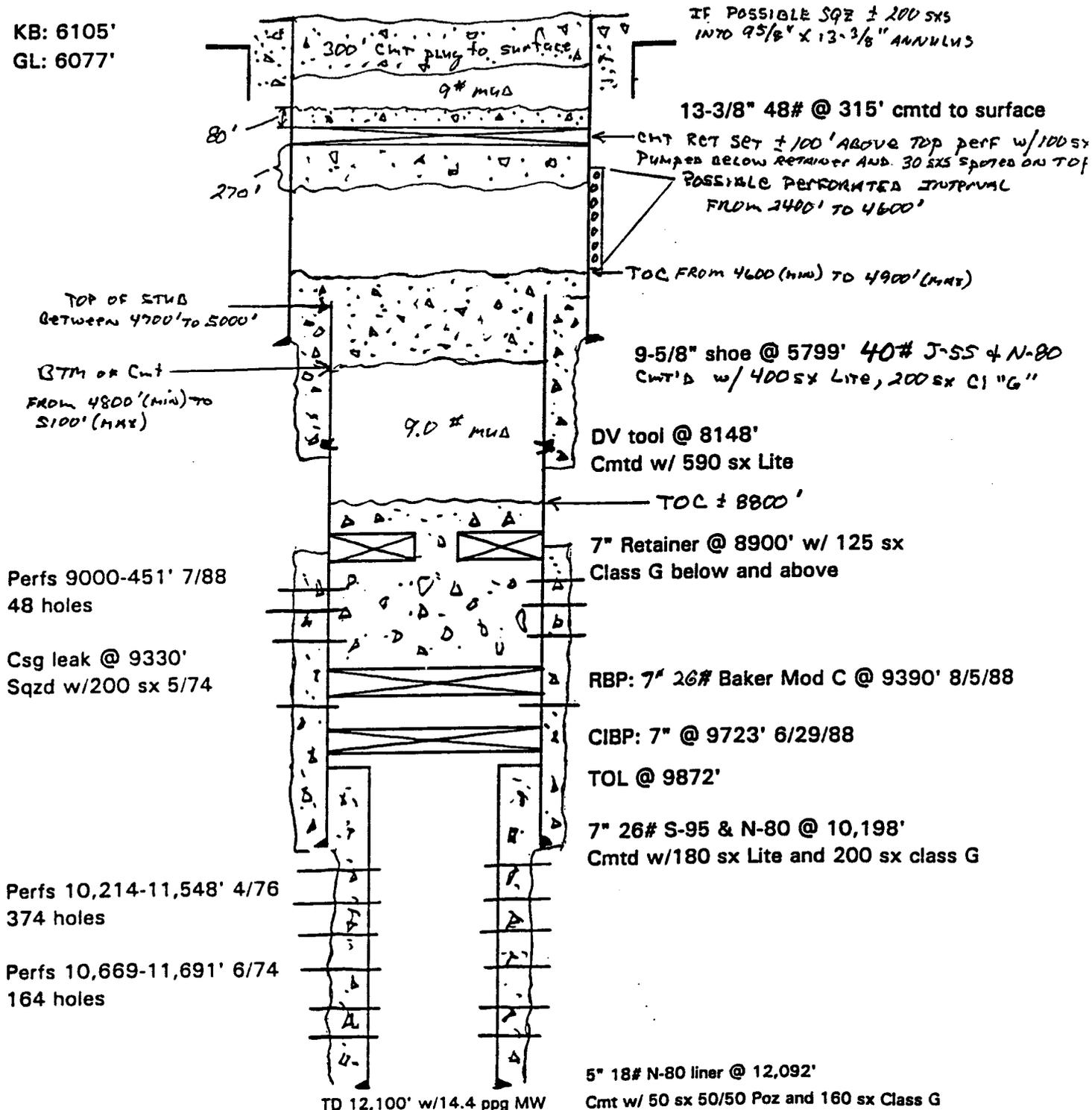
PROPOSED WELLBORE SCHEMATIC

KB: 6105'
GL: 6077'



Rhoades-Moon #1-36B5
Altamont Field
Duchesne Co., UT
PLUG AND ABANDONMENT
FOLLOWING SLID CONVERSION

KB: 6105'
GL: 6077'



IF POSSIBLE SQZ ± 200 SXS
INTO 9 5/8" X 13 3/8" ANNULUS

13-3/8" 48# @ 315' cmtd to surface

CMT RET SET ± 100' ABOVE TOP PERF W/ 100 SXS
PUMPED BELOW RETAINER AND 30 SXS SPOTED ON TOP
POSSIBLE PERFORATED INTERVAL
FROM 3400' TO 4600'

TOC FROM 4600' (MIN) TO 4900' (MAX)

TOP OF STUB
BETWEEN 4700' TO 5000'

BTM OF CMT
FROM 4800' (MIN) TO
5100' (MAX)

9-5/8" shoe @ 5799' 40# J-55 & N-80
CMT'D W/ 400 SXS LITE, 200 SXS C1 "G"

DV tool @ 8148'
Cmt'd w/ 590 sx Lite

TOC ± 8800'

7" Retainer @ 8900' w/ 125 sx
Class G below and above

Perfs 9000-451' 7/88
48 holes

Csg leak @ 9330'
Sqzd w/ 200 sx 5/74

RBP: 7" 26# Baker Mod C @ 9390' 8/5/88

CIBP: 7" @ 9723' 6/29/88

TOL @ 9872'

7" 26# S-95 & N-80 @ 10,198'
Cmt'd w/ 180 sx Lite and 200 sx class G

Perfs 10,214-11,548' 4/76
374 holes

Perfs 10,669-11,691' 6/74
164 holes

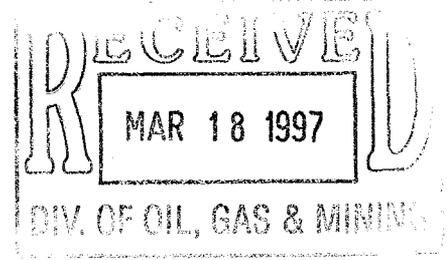
5" 18# N-80 liner @ 12,092'
Cmt w/ 50 sx 50/50 Poz and 160 sx Class G

TD 12,100' w/ 14.4 ppg MW



Coastal
The Energy People

March 13, 1997



Notice of Permit Application
For Water Disposal Well
Rhoades-Moon #1-36B5
Section 36-T2S-R5W
Duchesne County, Utah

CERTIFIED MAIL

See Attached Distribution List

Ladies & Gentlemen:

This letter is to advise you that Coastal Oil & Gas Corporation is requesting approval from the U.S. Environmental Protection Agency to inject water produced from the Altamont/Bluebell Field and the Cedar Rim Area into the Rhoades-Moon #1-36B5.

You are herein provided with a copy of the submitted permit for this well. Should you have any questions or comments, please do not hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,

Jon R. Nelsen
District Land Manager

Enclosure

Coastal Oil & Gas Corporation

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

MAILING LIST
RHOADES-MOON #1-36B5
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

Bernell Rhoades
P.O. Box 374
Tabiona, Utah 84072

Marilyn Lee
c/o Bernell Rhoades
P.O. Box 374
Tabiona, Utah 84072

Joanne Gines
357 East 4090 South
Murray, Utah 84107

Jay & Jolene Archibald
P.O. Box 25
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Selma Kennedy
9255 Doheny Road
Los Angeles, California 90069

Utah State University Developmental Fund
c/o Selan & Selan
15303 Ventura Boulevard, #900
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Aaron D. Rhoades
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UNDERGROUND INJECTION CONTROL PERMIT APPLICATION

Rhoades-Moon #1-36B5

API #43-013-30289

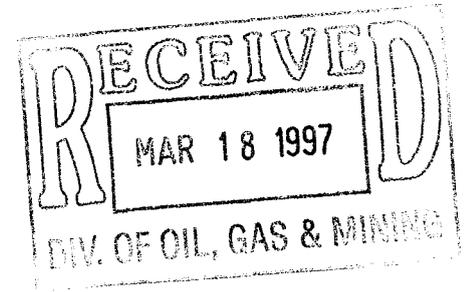
NENE Section 36-T2S-R5W

Duchesne County, Utah

Coastal Oil & Gas Corporation



Coastal
The Energy People



March 13, 1997

UIC Permit Application
Rhoades-Moon #1-36B5
API #43-013-30289
NENE Section 36-T2S-R5W
Duchesne County, Utah

Mr. D. Hogle
Groundwater Program Manager
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code 8P2-W-GW
Denver, Colorado 80202-2466

Dear Mr. Hogle:

Attached please find an Underground Injection Control Permit Application for the above referenced well. Please note that copies of this application have also been sent to the parties listed on the Mailing List on page 9 of the permit.

If you have any questions or need additional information, please contact me at (303) 573-4455.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Attachment

Coastal Oil & Gas Corporation

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

***UNDERGROUND INJECTION CONTROL
PERMIT APPLICATION***

Rhoades-Moon #1-36B5

API #43-013-30289

NENE Section 36-T2S-R5W

Duchesne County, Utah



Coastal Oil & Gas Corporation

Rhoades-Moon #1-36B5

Underground Injection Control Permit Application

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Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION (Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)	I. EPA ID NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"></td> <td style="width:10%; text-align: center;">T/A</td> <td style="width:10%; text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">U</td> <td></td> <td></td> </tr> </table>		T/A	C	U		
	T/A	C						
U								

READ ATTACHED INSTRUCTIONS BEFORE STARTING
FOR OFFICIAL USE ONLY

Application Approved	Date Received	Permit/Well Number	Comments
mo day year	mo day year		

II. FACILITY NAME AND ADDRESS Facility Name Rhoades-Moon #1-36B5 Street Address Section 36-T2S-R5W City Duchesne County	III. OWNER/OPERATOR AND ADDRESS Owner/Operator Name Coastal Oil & Gas Corporation Street Address 600 17th Street, Suite 800 South City Denver
State UT ZIP Code	State CO ZIP Code 80201

IV. OWNERSHIP STATUS (Mark 'x') <input type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input checked="" type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)	V. SIC CODES 1311
---	-----------------------------

VI. WELL STATUS (Mark 'x') <input type="checkbox"/> A. Operating	Date Started mo day year	<input checked="" type="checkbox"/> B. Modification/Conversion	<input type="checkbox"/> C. Proposed
---	-----------------------------	--	--------------------------------------

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)			
<input checked="" type="checkbox"/> A. Individual	<input type="checkbox"/> B. Area	Number of Existing wells	Number of Proposed wells Name(s) of field(s) or project(s)

VIII. CLASS AND TYPE OF WELL (see reverse)			
A. Class(es) (enter code(s))	B. Type(s) (enter code(s))	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)
II	D		

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT										X. INDIAN LANDS (Mark 'x')								
C	A. Latitude			B. Longitude			Township and Range											
	Deg	Min	Sec	Deg	Min	Sec	Twsp	Range	Sec	1/4 Sec	Feet from	Line	Feet from	Line				
I							2S	5W	36	NE	1178	E	1178	N	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		

XI. ATTACHMENTS (Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A - U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application:	
---	--

XII. CERTIFICATION <i>I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)</i>	
--	--

A. Name and Title (Type or Print) C.E. Lindberg, Vice President	B. Phone No. (Area Code and No.) (303) 573-4458
C. Signature 	D. Date signed 5/13/97

XI. ATTACHMENTS TO EPA UIC FORM 4

A. **AREA OF REVIEW METHODS AND NOTIFICATION OF LAND OWNERS**

The area of review is a fixed radius of one-quarter ($\frac{1}{4}$) mile from the wellbore. Coastal Oil & Gas Corporation is the surface owner of the ten acre tract on which the Rhoades-Moon #1-36B5 well is located. As per the State of Utah requirements, property owners within a half ($\frac{1}{2}$) mile radius are shown on Exhibit "A".

Coastal is in the process of obtaining all the necessary agreements with the State of Utah to convert the existing wellbore to salt water disposal. The Ute Tribe and the BIA Uintah & Ouray Agency, Ft. Duchesne, Utah, will also receive a copy of this permit.

See Exhibit "A1" for copies of the correspondence to all applicable parties and Exhibit "A2" Affidavit of Mailing.

B. **MAPS OF WELLS AND AREA OF REVIEW**

The following topographic maps, showing pertinent information, are as follows:

Exhibit "B" - Affidavit of Surface Inspection - One Mile Radius

Exhibit "B1" - Area of Review - $\frac{1}{4}$ Mile Radius

Please see the attached Reference Sheet for a description of numbered items.

C. **CORRECTIVE ACTION PLAN AND WELL DATA**

There are no other wells within the area of review.

E. **NAME AND DEPTH OF USDWs (CLASS II)**

There are no known water wells within this area of review serving either livestock or households. Formations above the injection zone may contain possible USDW zones. Tests have not been run to determine the TDS content of the Uintah/Upper Green River zones in this well. See Exhibit "E" for well log copies (attached log pocket).

G. **GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES (CLASS II)**

The proposed salt water injection interval in the Rhoades-Moon #1-36B5 is 2,400' to 4,600' measured depth. This Uintah/Upper Green River interval consists of interbedded sands, siltstones, and shales, with the shales being the confining zones. The base of moderately saline water should be approximately 2,255' measured depth (3,850' above sea level) in this well based on the interpretation in Utah Department of Natural Resources Technical Publication No. 92.

The Church #2-27B5 and the Russell #2-32B4 are two nearby salt water disposal wells which are currently injecting water into the same interval as that proposed for the Rhoades-Moon #1-36B5. Formation water samples were taken during the initial perforation of the Russell #2-32B4. Analyses of these samples showed 17,440 and 20,120 ppm total dissolved solids. It is expected that similar values for total dissolved solids will be found in the proposed injection interval in the Rhoades-Moon #1-36B5.

H. OPERATING DATA

- 1) Average Daily Injection Rate = 8,000 BPD
Maximum Daily Injection Rate = 12,000 BPD
Total Volume of Fluid to be Injected = 58,400,000 Bbls (Assuming a 20 year life for the well.)
- 2) Average Injection Pressure = 500 psi
Maximum Injection Pressure = 1400 psi
- 3) Nature of Annulus Fluid: Fresh water mixed with corrosion inhibitor or inhibited packer fluid.
- 4) Not applicable - Class I wells only.
- 5) Coastal owns and operates certain wells located in the Altamont/Bluebell Field and Cedar Rim area. Water to be injected into the Rhoades-Moon #1-36B5 will come from wells located in these areas. Exhibit "H" shows typical water analyses run from wells in these areas.
- 6) Not applicable - Class III wells only.

I. FORMATION TESTING PROGRAM

See Exhibit "M1".

J. STIMULATION PROGRAM

The proposed zone of injection will be acidized with 15% HCL and rock salt diverter. See Exhibit "M1".

K. INJECTION PROCEDURES

The injected fluid will be delivered to the disposal site by pipeline and/or truck. The proposed injection procedure will consist of two Triplex pumps pumping down the tubing into the injection zone. There will be 5 - 500 bbl tanks and 1 - 500 bbl skim tank on location feeding the Triplex pumps. Level controllers on the storage tanks will shut down the pumps when the tanks run out of fluid. If the pressure exceeds the maximum injection pressure, pressure controllers will shut down the pumps.

M. CONSTRUCTION DETAILS

The Rhoades-Moon #1-36B5 was completed to the Wasatch Formation in 1974 by Husky Oil Company and recompleted to the Green River Formation in July of 1988. Coastal acquired the present lease from Linmar in July of 1994. See Exhibit "M" for details on well data and history; Exhibit "M1" for the procedure to convert to injection; Exhibit "M2" for the present wellbore schematic; Exhibit "M3" for the proposed injection wellbore schematic; and Exhibit "M4" for the surface facility schematic.

O. PLANS FOR WELL FAILURES

In the event that the well is shut-in, whether manually or automatically, Coastal will take the following steps:

- 1) Determine the nature and extent of the failure causing the shut-in.
- 2) In the event that the well cannot continue to operate as stipulated by the UIC permit, the well will be shut-in temporarily, unless permission is obtained from the EPA to continue.
- 3) An EPA representative will be contacted to discuss the reason for the failure and further steps to be taken.
- 4) If well shut-in is imminent, the produced water intended for the Rhoades-Moon #1-36B5 will be diverted to other authorized facilities.
- 5) In the event of a need for clean up/remediation, operations will proceed in accordance with the current Coastal Oil & Gas Corporation Altamont/Bluebell Field SPCC Plan.

P. MONITORING PROGRAM

Coastal will monitor the water quality of the injected fluids on an annual basis. Analysis will include total dissolved solids, pH, specific conductivity, and specific gravity. Any time there is a change in the source of injection fluid, a new water quality analysis will be performed and submitted to the EPA.

Q. PLUGGING AND ABANDONMENT PLAN

See Exhibit "Q" - EPA Form 7520-14, Plugging and Abandonment Plan. See Exhibit "Q1" for the proposed P&A wellbore schematic.

R. NECESSARY RESOURCES

Coastal Oil & Gas Corporation has Bond #U605243-56 in place with the EPA to cover plugging and abandonment of appropriate SWD facilities. This bond has been amended to include the Rhoades-Moon #1-36B5. The new rider for this bond is being mailed directly to Daniela Thigpen at the EPA. See Exhibit "R".

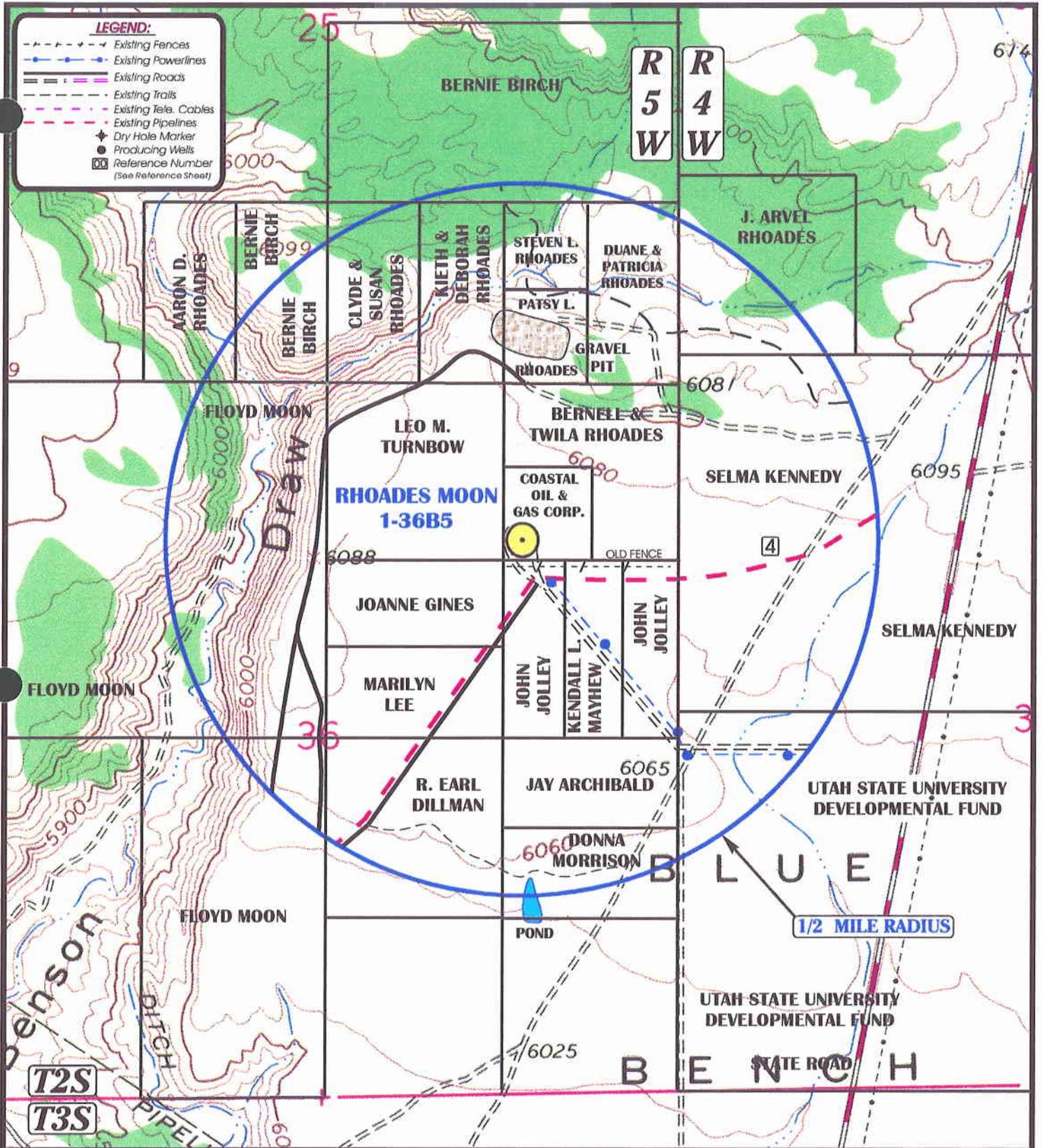
U. **DESCRIPTION OF BUSINESS**

Coastal Oil & Gas Corporation is an exploration and production company of hydrocarbons.

V. **STATE OF UTAH PERMIT**

See Exhibit "V" - State of Utah, Application for Injection Well, UIC Form 1; Exhibit "V1" for Affidavit of Surface Inspection - ½ Mile Radius; and Exhibit "A" for surface ownership within a ½ mile radius.

Exhibit A



U E L S

TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION

DATE: 12-23-96
Drawn by: D.COX

COASTAL OIL & GAS CORP.
RHOADES MOON 1-36B5
SECTION 36, T2S, R5W, U.S.B.&M.

UINIAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

Page 6

COASTAL OIL & GAS CORP.

RHOADES MOON 1-36B5 SECTION 36, T2S, R5W, U.S.B.&M.

REFERENCE SHEET TO AFFIDAVIT OF SURFACE INSPECTION TOPOGRAPHIC MAPS

1. **(4) SURFACE PIPELINES: (1) COASTAL 8", (1) 6", (1) 4", (1) 3"
EXISTING 2-TRACK TRAIL, POSSIBLE BURIED LINES.**
2. **(2) BURIED CHEVRON PIPELINE CO. PIPELINES**
3. **(1) BURIED COASTAL PIPELINES**
4. **(3) BURIED COASTAL PIPELINES**
5. **HIGHWAY DEPT. GRAVEL PILE**
6. **UINTAH BASIN TELEPHONE - BURIED FIBER OPTIC LINE**
7. **(1) BURIED LINE ON NORTH SIDE OF ROAD
(1) 4" SURFACE LINE ON SOUTH SIDE OF ROAD
(1) 2" SURFACE LINE ON SOUTH SIDE OF ROAD
(1) EXISTING ROAD**



Coastal
The Energy People

Exhibit A1

March 13, 1997

Notice of Permit Application
For Water Disposal Well
Rhoades-Moon #1-36B5
Section 36-T2S-R5W
Duchesne County, Utah

CERTIFIED MAIL

See Attached Distribution List

Ladies & Gentlemen:

This letter is to advise you that Coastal Oil & Gas Corporation is requesting approval from the U.S. Environmental Protection Agency to inject water produced from the Altamont/Bluebell Field and the Cedar Rim Area into the Rhoades-Moon #1-36B5.

You are herein provided with a copy of the submitted permit for this well. Should you have any questions or comments, please do not hesitate to contact me or the U.S. Environmental Protection Agency.

Sincerely,

Jon R. Nelsen
District Land Manager

Enclosure

MAILING LIST
RHOADES-MOON #1-36B5
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

Bernell Rhoades
P.O. Box 374
Tabiona, Utah 84072

Marilyn Lee
c/o Bernell Rhoades
P.O. Box 374
Tabiona, Utah 84072

Joanne Gines
357 East 4090 South
Murray, Utah 84107

Jay & Jolene Archibald
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P.O. Box 342
Tabiona, Utah 84072

Aaron D. Rhoades
Tabiona, Utah 84072

Exhibit A2

BEFORE THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF THE APPLICATION OF COASTAL OIL &)
GAS CORPORATION FOR APPROVAL TO CONVERT THE)
RHOADES-MOON #1-36B5 TO AN UNDERGROUND WATER)
DISPOSAL WELL IN THE UINTAH/UPPER GREEN RIVER)
ZONES IN SECTION 36-T2S-R5W, DUCHESNE COUNTY, UTAH)

AFFIDAVIT OF MAILING

Jon R. Nelsen, of legal age, and being first duly sworn, upon his oath, deposes and says:

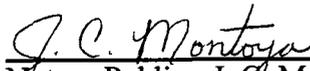
That he is employed by Coastal Oil & Gas Corporation; that Coastal's Application for Underground Water Disposal in the Rhoades-Moon #1-36B5 has been sent by certified mail on March 14, 1997, to the surface owners located within one-half mile radius of the subject well or other interested parties at the addresses shown on the attached mailing list; and that to the best of his information, knowledge, and belief, the parties above named are the only parties to whom notice of this application is required to be given.



Jon R. Nelsen
District Land Manager
Coastal Oil & Gas Corporation

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

Subscribed and sworn to before me on this 14th day of March, 1997.


Notary Public - J. C. Montoya

J. C. Montoya
My Commission Expires
December 21, 1997

My Commission Expires:

MAILING LIST
RHOADES-MOON #1-36B5
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

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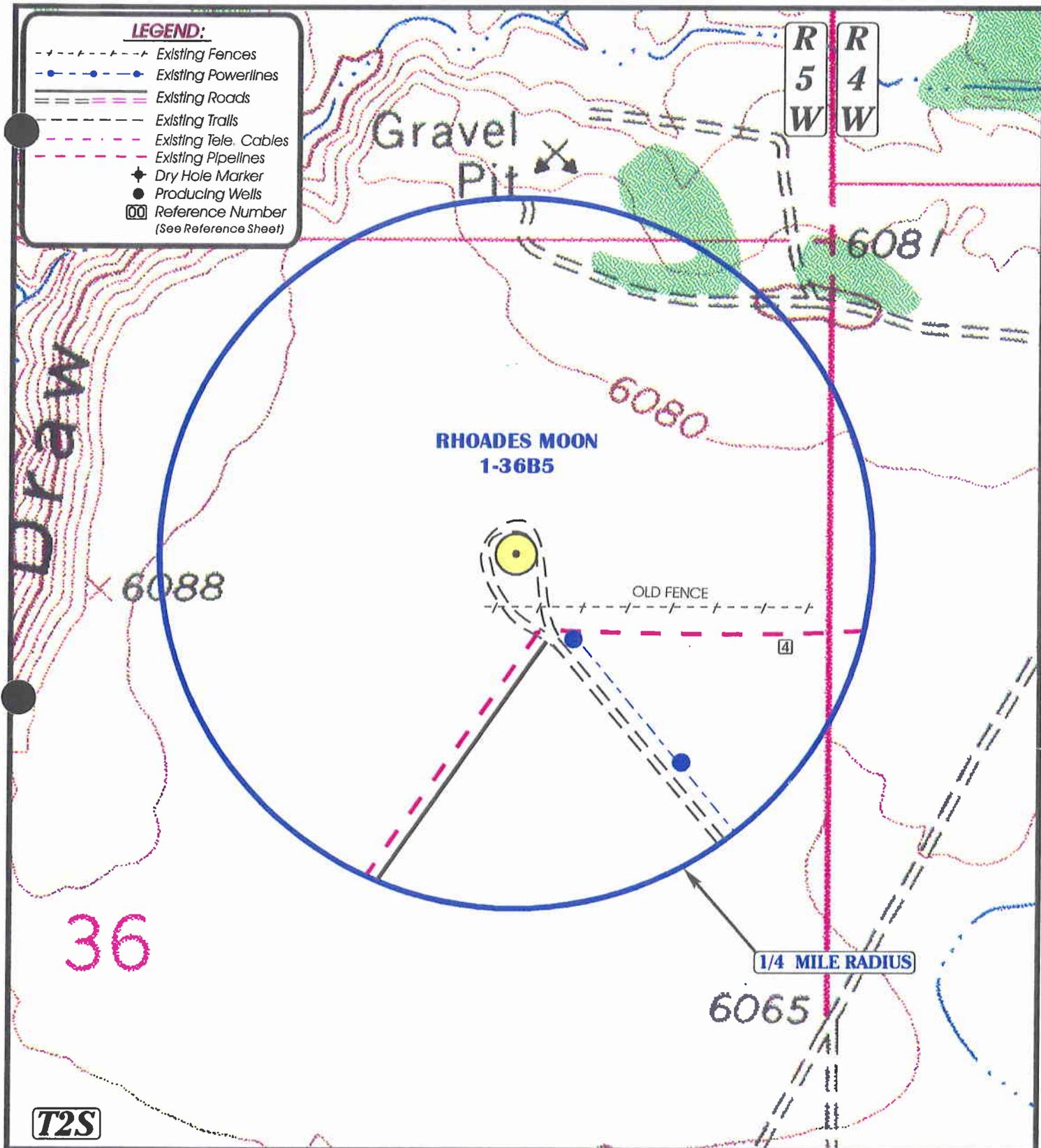
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Aaron D. Rhoades
Tabiona, Utah 84072

Exhibit B1



T2S

TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION

DATE: 12-23-96
Drawn by: D.COX



SCALE: 1" = 500'

COASTAL OIL & GAS CORP.
RHOADES MOON 1-36B5
SECTION 36, T2S, R5W, U.S.B.&M.

UNTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

COASTAL OIL & GAS CORP.

RHOADES MOON 1-36B5 SECTION 36, T2S, R5W, U.S.B.&M.

REFERENCE SHEET TO AFFIDAVIT OF SURFACE INSPECTION TOPOGRAPHIC MAPS

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3. (1) BURIED COASTAL PIPELINES
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7. (1) BURIED LINE ON NORTH SIDE OF ROAD
(1) 4" SURFACE LINE ON SOUTH SIDE OF ROAD
(1) 2" SURFACE LINE ON SOUTH SIDE OF ROAD
(1) EXISTING ROAD

Exhibit E

The following two log copies are enclosed in the attached log pocket:

- ▶ Dual Induction Laterlog With Linear Correlation (Rhoades #1-36)
- ▶ Dual Induction - SFL (Brotherson #2-35B5)

Exhibit H

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

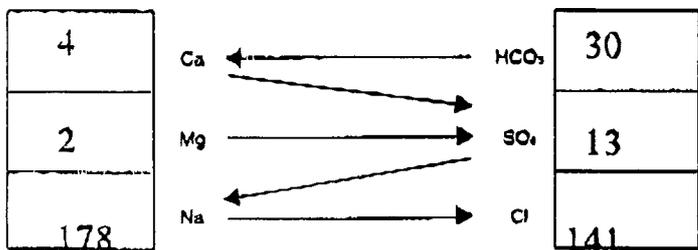
Company COASTAL OIL AND GAS Address _____ Date 01-15-97

Source FRICH 2-11B5 SWD Date Sampled 01-15-97 Analysis No. _____

	Analysis	mg/l(ppm)	
1. PH	<u>8.8</u>		
2. H ₂ S (Qualitative)	<u>19</u>		
3. Specific Gravity	<u>1.002</u>		
4. Dissolved Solids		<u>11,652</u>	
5. Alkalinity (CaCO ₃)		<u>60</u>	
6. Bicarbonate (HCO ₃)		<u>1,850</u>	÷ 61 <u>30</u> HCO ₃
7. Chlorides (Cl)		<u>5,000</u>	÷ 35.5 <u>141</u> Cl
8. Sulfates (SO ₄)		<u>600</u>	+ 48 <u>13</u> SO ₄
9. Calcium (Ca)		<u>80</u>	÷ 20 <u>4</u> Ca
10. Magnesium (Mg)		<u>24</u>	÷ 12.2 <u>2</u> Mg
11. Total Hardness (CaCO ₃)		<u>300</u>	
12. Total Iron (Fe)		<u>0.6</u>	
13. Manganese			
14. Barium (Qualitative)			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>24</u>			<u>2,016</u>
Na ₂ SO ₄	71.03	<u>13</u>			<u>923</u>
NaCl	58.46	<u>141</u>			<u>8,243</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS AMMONIA = 60 PPM
CO2 = 0 PPM

UNICHEM

A Division of BJ Services

Exhibit H

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

Company COASTAL OIL AND GAS Address _____ Date 12-06-96

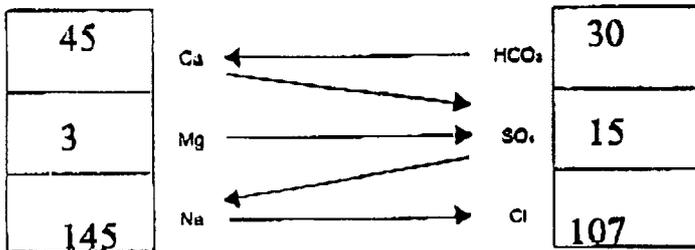
Source CHEVRON INLET @ 1-9B5 Date Sampled 12-05-96 Analysis No. _____

BATTERY SWD

	Analysis	mg/l(ppm)	*Meg/l
1. PH	8.1		
2. H ₂ S (Qualitative)	38		
3. Specific Gravity	1.006		
4. Dissolved Solids		9,795	
5. Alkalinity (CaCO ₃)		50	
6. Bicarbonate (HCO ₃)		1,800	÷ 61 30 HCO ₃
7. Chlorides (Cl)		3,800	÷ 35.5 107 Cl
8. Sulfates (SO ₄)		720	÷ 48 15 SO ₄
9. Calcium (Ca)		80	÷ 20 4 Ca
10. Magnesium (Mg)		36	÷ 12.2 3 Mg
11. Total Hardness (CaCO ₃)		350	
12. Total Iron (Fe)		1.2	
13. Manganese			
14. Barium (Qualitative)			
15. Phosphate Residuals		25	

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		4		324
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17		3		219
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	64.00		23		1,932
Na ₂ SO ₄	71.03		15		1,065
NaCl	58.46		107		6,255

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,080 Mg/l
MgCO ₃	103 Mg/l

REMARKS AMMONIA = 38 PPM
CO2 = 0 PPM

Exhibit M

RHOADES-MOON #1-36B5
Section 36-T2S-R5W
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 1178' FEL, 1178' FNL
Elevation: 6077' GL; 6105' KB
Total Depth: 12,100' PBSD: 9390' (RBP)
Casing: 13-3/8" 48# H-40 @ 315' KB cmt'd to surf w/300 sks
9-5/8" 40# J-55 (103 jts) & N-80 (38 jts) @ 5799' KB cmt'd w/600 sks
7" 26# S-95 (64 jts) & N-80 (186 jts) @ 10,198' KB cmt'd w/380 sks
DV collar @ 8148' cmt'd w/ 590 sks
5" 18# N-80 from 9,872' to 12,092' cmt'd w/ 210 sks
Tubing: 2-7/8" N-80 EUE 8rd @ 8905' open ended

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity (BPF)</u>	<u>Burst (PSI)</u>	<u>Collapse (PSI)</u>
9-5/8" 40# J-55	8.835"	8.679"	.0773	3950	2570
9-5/8" 40# N-80	8.835"	8.679"	.0773	5750	3090
7" 26# S-95	6.276"	6.151"	.0382	8600	5870
7" 26# N-80	6.276"	6.151"	.0382	7240	5410
5" 18# N-80	4.276"	4.151"	.0177	10140	10490

WELL HISTORY

- 6/74 Initial completion. Perforate from 10,669' to 11,691', 2 SPF, 164 holes. Acidize w/20,000 gals 15% HCl. Prod 50 BOPD, 250 MCFPD, 125 BWPD.
- 4/76 Added perforations 10,214' to 11,548'. 374 holes. Acidize with 20,000 gals 7-1/2% HCl.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 75 BOPD, 225 MCFPD, 35 BWPD
- 2/81 Acidized w/ 10,000 gals 15% HCl.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 25 BOPD, 75 MCFPD, 20 BWPD
- 10/85 Acidized w/ 5,000 gals 15% HCl.
Prior Production: 5 BOPD, 0 MCFPD, 10 BWPD
Post Production: 5 BOPD, 5 MCFPD, 35 BWPD
- 7/88 Recomplete to Green River. Perf 9000' to 9451', 48 holes. Acidize w/2,500 gals 15% HCl.
Prior Production: 5 BOPD, 0 MCFPD, 25 BWPD
Post Production: 7 BOPD, 5 MCFPD, 40 BWPD

PRESENT STATUS

Shut In. Approved to P&A.

Exhibit M1

SWD CONVERSION PROCEDURE RHOADES-MOON #1-36B5

- 1) Notify DOGM office 24 hrs prior to beginning operations.
- 2) MIRU service rig. NUBOPE. POOH w/ 2-7/8" tubing.
- 3) PU 7" 26# cmt retainer on 2-7/8" tubing & TIH. Set retainer @ 8900'. Rls from retainer and circ hole clean. Sting into retainer and establish injection rate. Pump 100 sacks Class G cmt below retainer. Rls from retainer and spot 25 sxs cmt on top of retainer. TOC at ±8800'. Btm of cmt @ ±9390' (RBP).
- 4) Circ hole w/9.0 ppg inhibited fluid. Press tst casing to 500 psi for 15 min. POOH w/tubing.
- 5) RU casing jacks. Prep to chemical cut and POOH w/7" casing. (Note: free point taken 11/12/96 indicated 7" casing free between 4700' to 5000'). Make first cut @ 5000' and work way uphole until casing comes free. POOH.
- 6) TIH w/tubing open ended. Spot 200 ft cement plug across casing stub, 100' in and 100' out of stub (±46 sacks). Estimated TOC between 4600' to 4900'. WOC 24 hrs min. Press tst 9-5/8" casing and cmt plug to 1500 psig.
- 7) RU Schlumberger. Run GR/CBL/CET logs from PBTD to surf w/1500 psig. Run GR/CNL/DSI Sonic tool from PBTD to surf to determine proposed injection zones.
- 8) Squeeze casing as necessary.
- 9) RU wireline service co. Perforate the Uintah & Upper Green River Formations selectively from ±2400' to ±4600' @ 4 SPF w/4" csg gun. Correlate to the DSI Sonic log.
- 10) RIH w/a retrievable pkr & RBP. Isolate perforated intervals and swab test separately for analysis of formation water as required by the State of Utah and BLM. POOH w/pkr & RBP.
- 11) RIH w/tension set pkr and set above the perforated interval. Press tst backside to 1500 psig. Acidize interval with 15% HCL and rock salt diverter. Volumes to be determined following zone identification and perforations shot in step 9. Consult with Denver office.
- 12) Swab back acid load. Establish injection rate. POOH.
- 13) RIH w/Loc-Set pkr, w/profile nipple, on-off tool on 3-1/2" 9.3# 8rd Duoline-20 fiberglass lined tubing. Set pkr approx 100' above top perf. Press test annulus to 1000 psig.
- 14) NU injection wellhead. RDMO.

Exhibit M2

JAN L FRUTCH
11/18/90

RHOADES 1-36B5

Sec 36; 1S; 5W

PRESENT WELLBORE SCHEMATIC

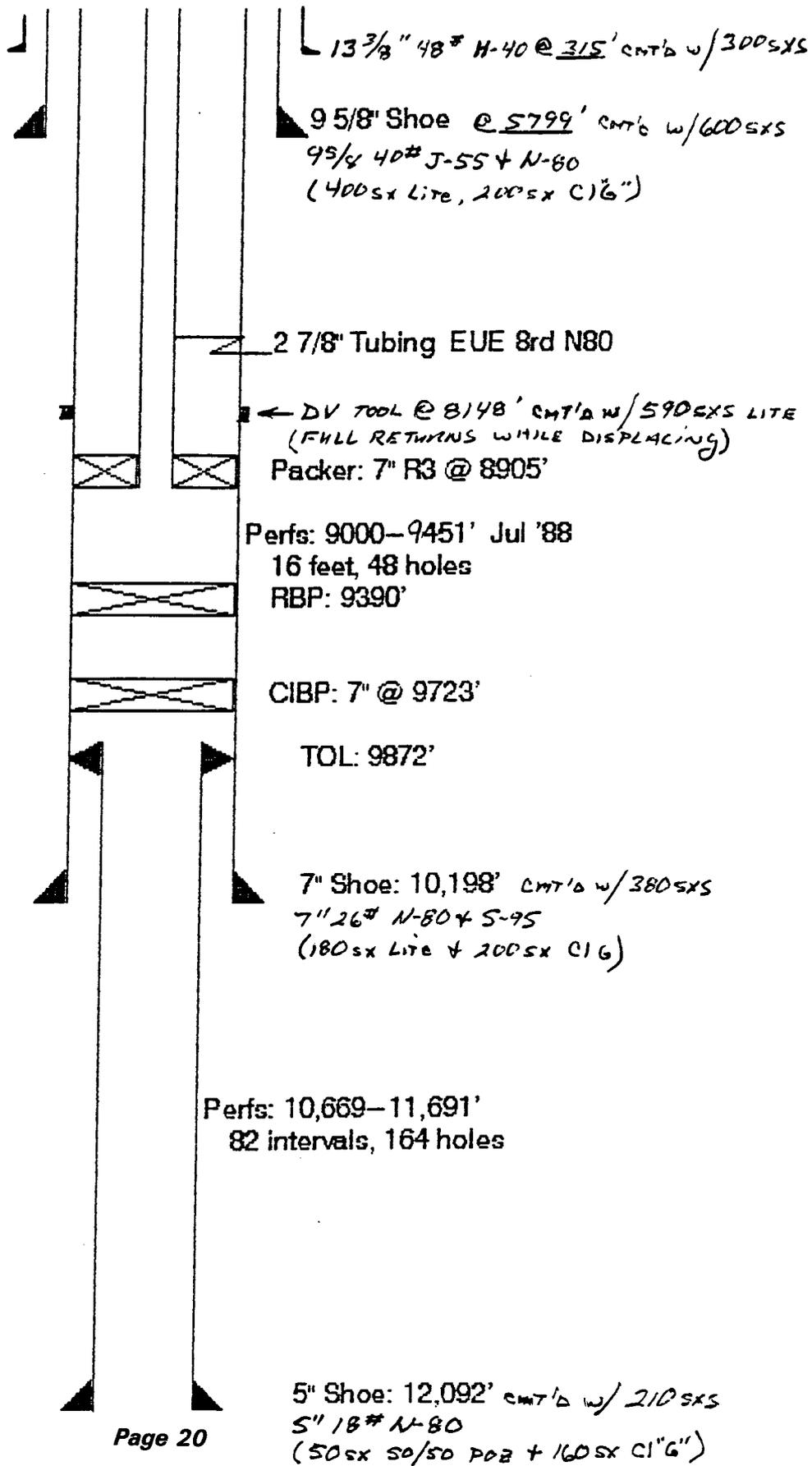


Exhibit M3

Rhoades-Moon #1-36B5

Altamont Field

Duchesne Co., UT

PROPOSED WELLBORE SCHEMATIC

KB: 6105'
GL: 6077'

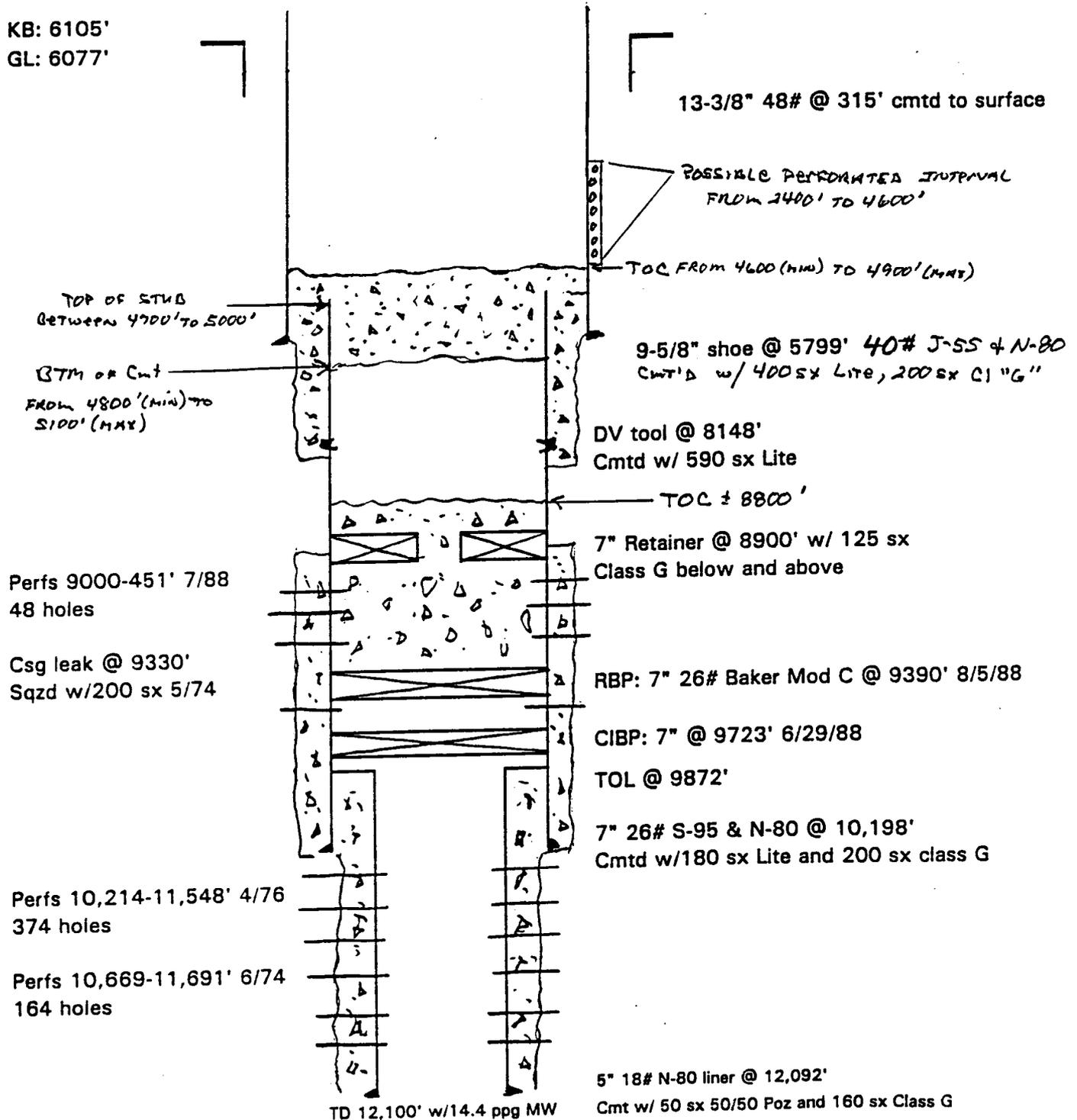
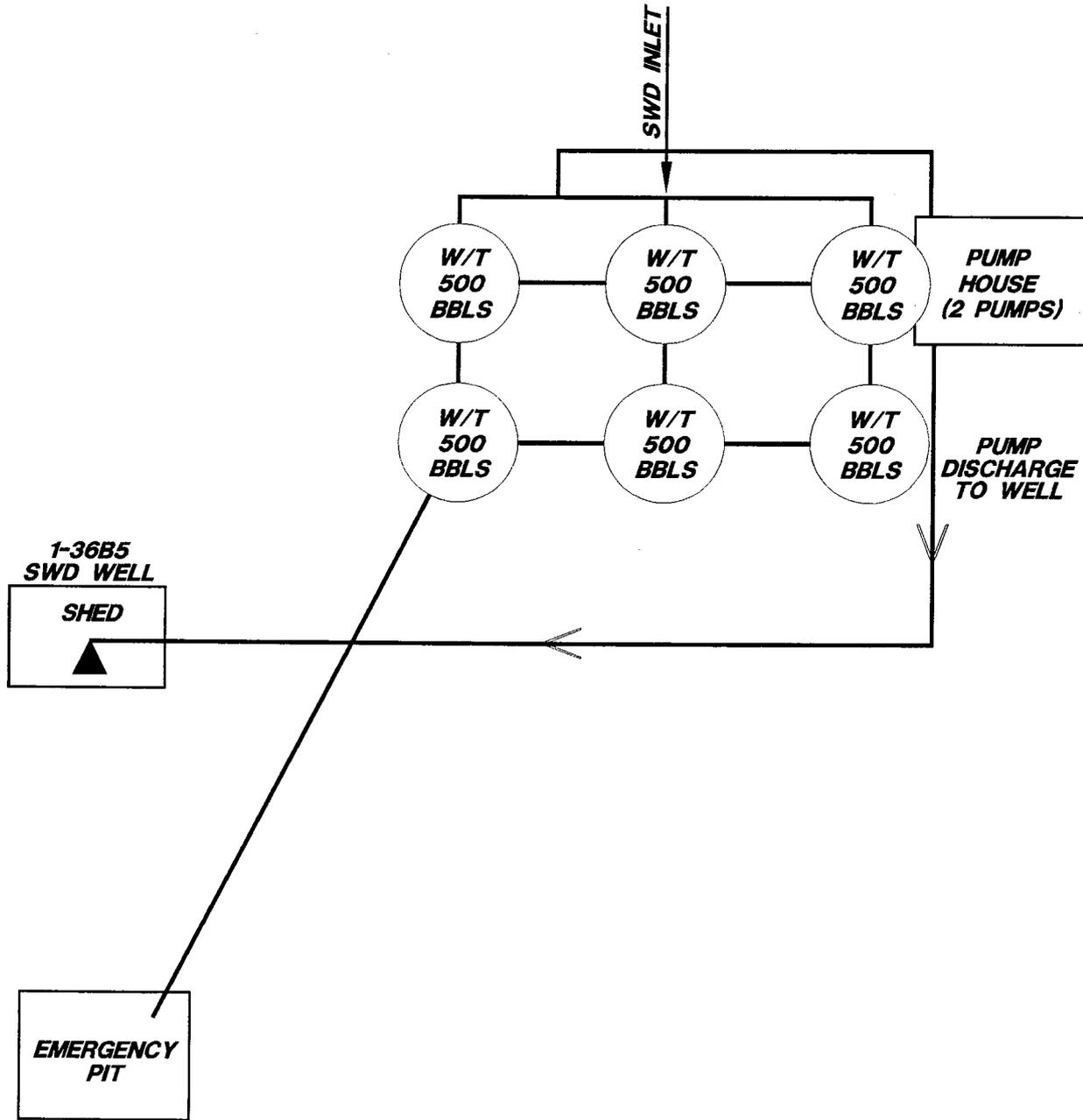


Exhibit M4



Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PROPOSED SWD FACILITY

RHOADES-MOON 1-36B5 SWD
SEC. 36 T2S-R5W

SCALE: NONE

FEBRUARY, 1997

Exhibit Q

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA

PLUGGING AND ABANDONMENT PLAN

WELL NAME & NUMBER, FIELD NAME, LEASE NAME & NO.

Rhoades-Moon #1-36B5
Section 36-T2S-R5W
Altamont Field
Duchesne Co., UT

NAME, ADDRESS & PHONE NUMBER OF OWNER/OPERATOR

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES

STATE
Utah

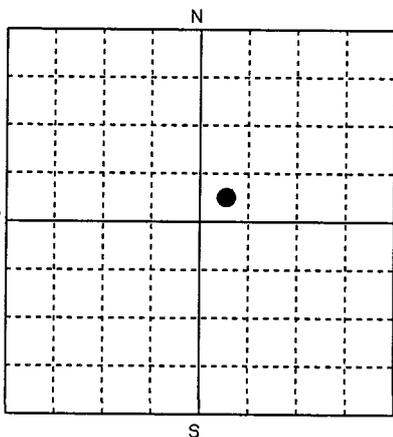
COUNTY
Duchesne

STATE PERMIT NUMBER
43-013-30289

SURFACE LOCATION DESCRIPTION
NENE Section 36-T2S-R5W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 1178 ft. from (N/S) N Line of Quarter Section
And 1178 ft. from (E/W) E Line of Quarter Section



TYPE OF AUTHORIZATION

- Individual
- Rule
- Area Permit

Number of Wells in Area Permit 1
U.S. EPA Permit Number _____

WELL ACTIVITY

- Class I
 - Hazardous
 - Nonhazardous
- Class II
 - Brine Disposal
 - Enhanced Recovery
 - Hydrocarbon Storage
- Class III
- Class V

CASING/TUBING/CEMENT RECORD AFTER PLUGGING AND ABANDONMENT

Size	Wt. (lb & ft) TBG/CSG	Original Amount (CSG) (ft.)	CSG to be left in Wall (ft.)	Hole Size (in)	Sacks Cement Used	Type
13-3/8	48#	315'	315'	17-1/2"	300 SX	Cl. G
9-5/8	40#	5,799'	5,799'	12-1/4"	400 SX	Cl. G
7	26#	10,198'	10,198'	8-3/4"	380 SX	Cl. G

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- The Balance Method
- The Dump Bailer Method
- The Two Plug Method
- Other, Explain: _____

CEMENT TO PLUG AND ABANDON DATA:

	Plug # 1	Plug # 2	Plug # 3	Plug # 4	Plug # 5	Plug # 6	Plug # 7
Size of Hole or Pipe in Which Plug Will Be Placed (inches)	9-5/8"	9-5/8"	13-3/8"				
Calculated Top of Plug (ft.)	2,220'	Surface	Surface				
Measured Top of Plug (ft.)	2,220'	Surface	Surface				
Depth to Bottom of Plug (ft.)	2,570'	300'	300'				
Sacks of Cement to be Used	130	110	200				
Slurry Volume to be Used (cu. ft.)	150	130	230				
Slurry Weight (lb./gal.)	15.8	15.8	15.8				
Type of Cement, Spacer or Other Material Used	Cl. G	Cl. G	Cl. G				
Type of Preflush Used	100 BFW						

DESCRIPTION OF PLUGGING PROCEDURE

Cmt retainer set +/-100' above top perf w/100 sx pumped below retainer and 30 sx spotted on top. Set cmt plug 300'-surface. If possible, squeeze +/- 200 sx into 9-5/8" x 13-3/8" annulus.

ESTIMATED COST OF PLUGGING ABANDONMENT

Cement	\$	Cast Iron Bridge Plug	\$
Logging	\$	Cement Retainer	\$
Rig or Pulling Unit	\$	Miscellaneous	\$

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible of obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

C.E. Lindberg, Vice President

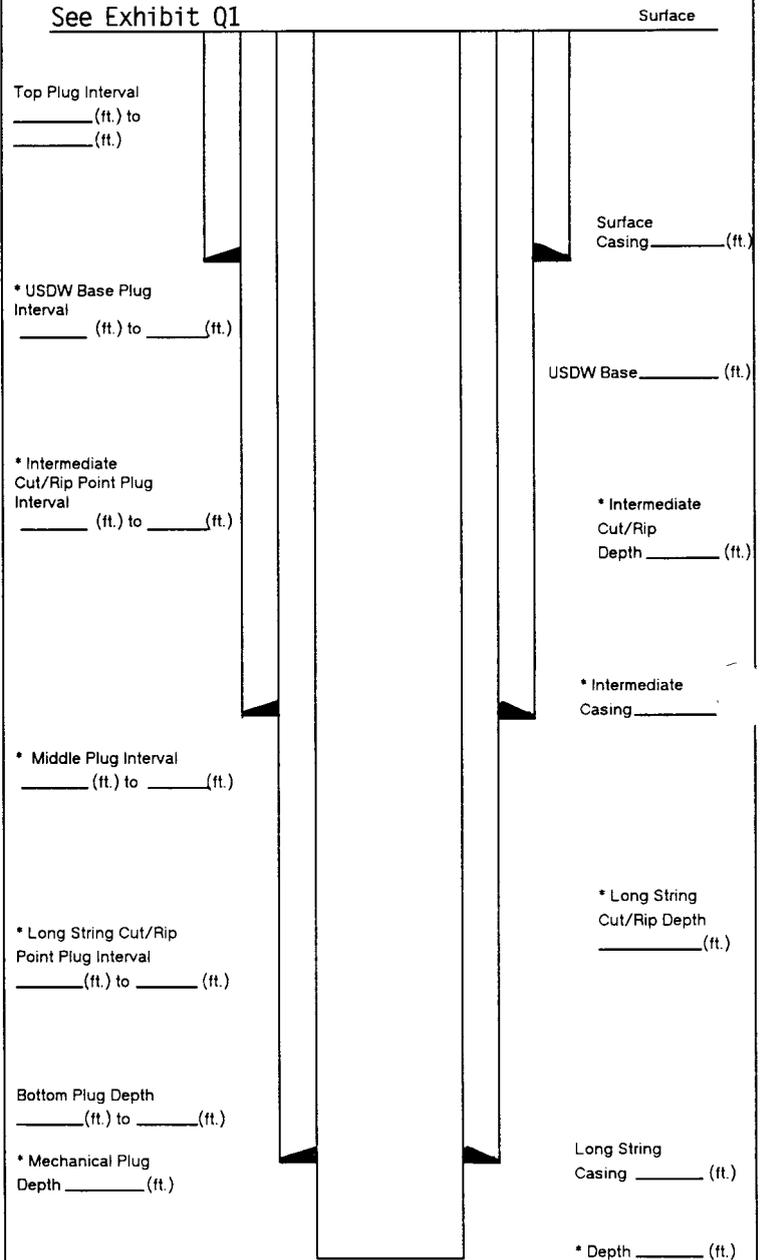
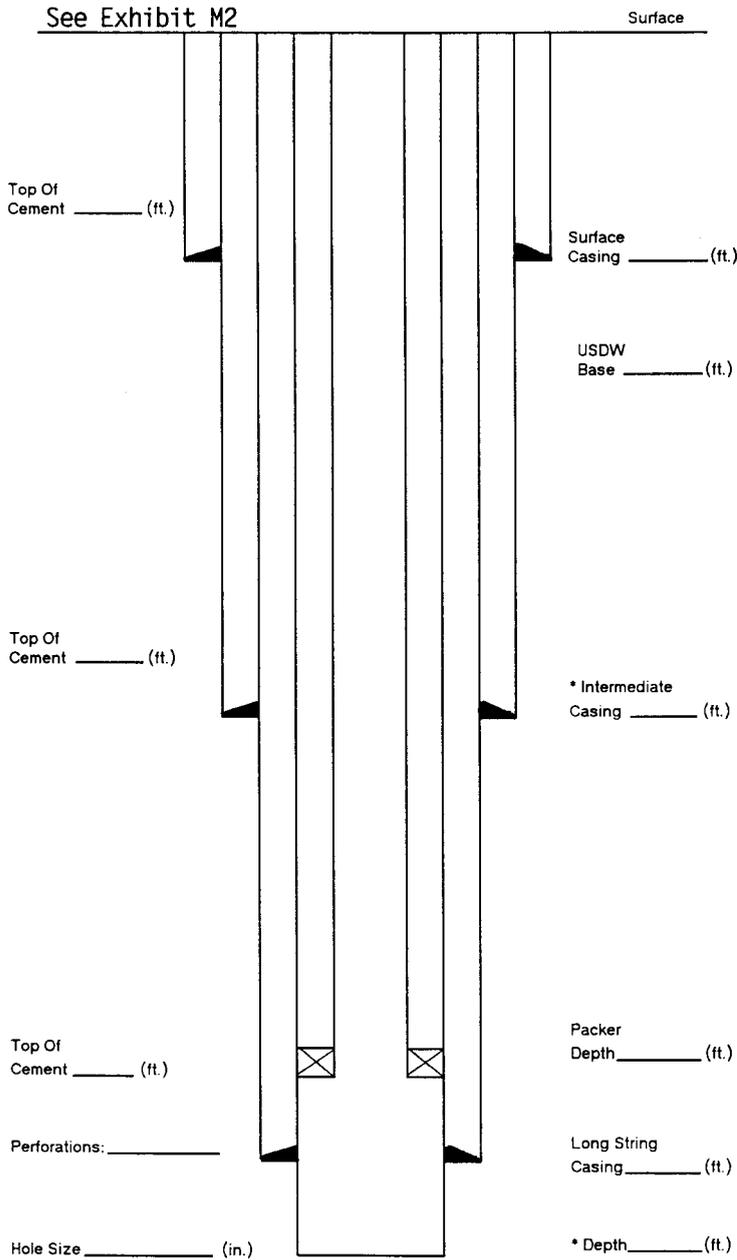
SIGNATURE

DATE SIGNED

3/13/97

ORIGINAL WELL CONSTRUCTION DURING OPERATION

PLUGGING AND ABANDONMENT CONSTRUCTION



** Add Any Additional Information
* May Not Apply

** Add Any Additional Information
* May Not Apply

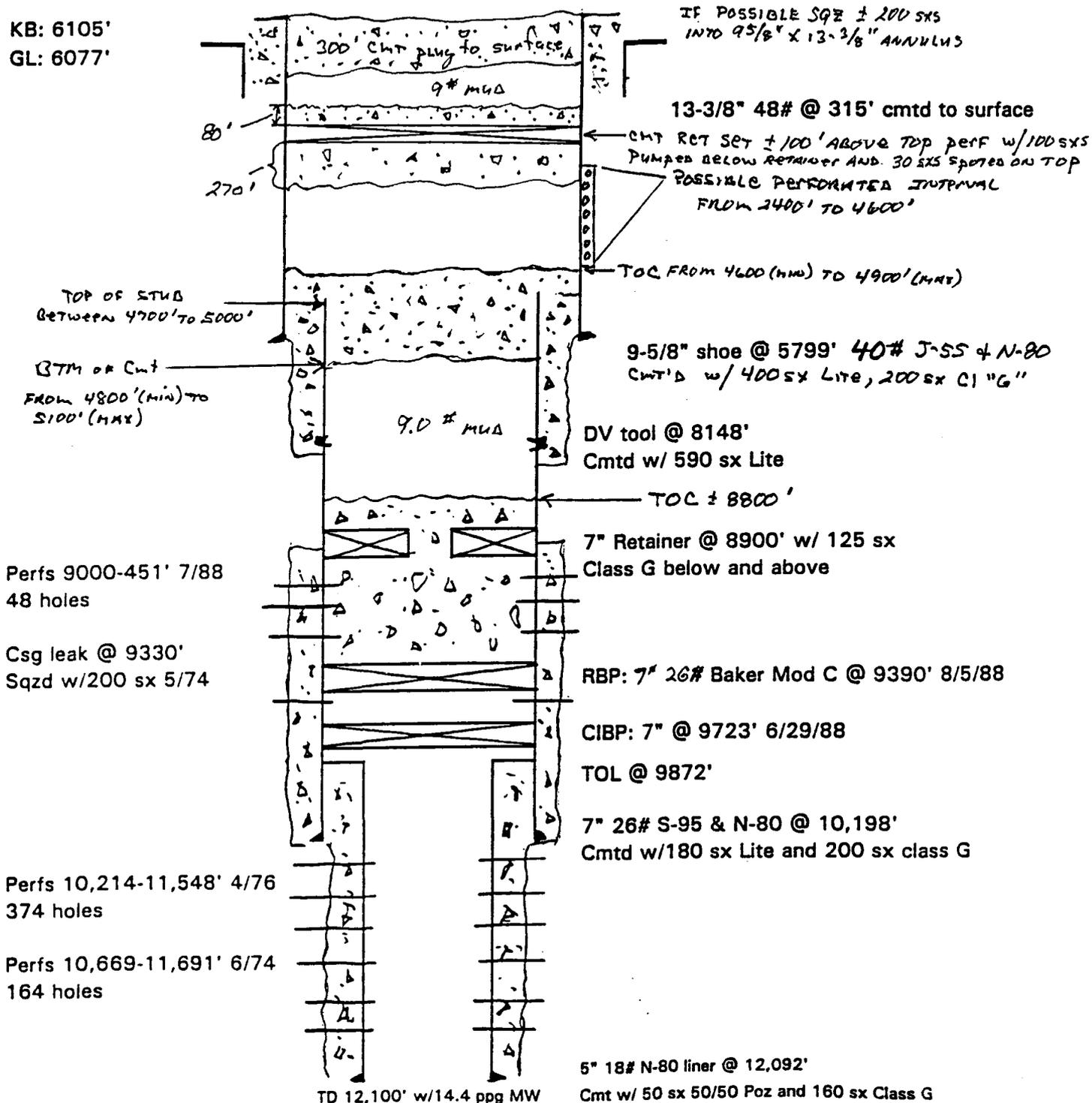
LIST OF ALL OPEN AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED

Specify Open Hole/Perforations/Varied Casing	From	To	Formation Name
See Exhibit Q1			

Exhibit Q1

Rhoades-Moon #1-36B5
Altamont Field
Duchesne Co., UT
PLUG AND ABANDONMENT
FOLLOWING SWD CONVERSION

KB: 6105'
GL: 6077'





Coastal
The Energy People

Exhibit R

DENVER DISTRICT - E & S

FEB 10 1997

February 7, 1997

BLC ___ TFS ___ TCY ___ CEL ___
AB ___ JRN ___ MDE ___ LPS ___

Ms. Daniela Thigpin
United States Environmental Protection Agency
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2466

Re: Bond #U605243-56

Dear Ms. Thigpin:

On November 18, 1996 a Rider to increase the referenced bond from \$113,300 to \$135,575 was sent to you. This increase of \$22,275 was to cover the addition of our Ute 1-14C6 salt water disposal well located in Duchesne County, Utah. Since this well is permitted to 7,245' the Rider should have been for an increase of \$21,735 (\$3/ft. X 7,245') rather than \$22,275.

I have just instructed our bonding department to again issue you a Rider to increase our bond to cover our Rhoades Moon 1-36B5 well which is also located in Duchesne County, Utah. We are currently in the process of permitting this well for salt water disposal. This well will be permitted to 4,900', therefore will require bonding of \$14,700 (\$3/ft. X 4,900'). In order to correct the over bonding of the Ute 1-14C6 well, I have requested our bonding department to issue an increase Rider from \$135,575 to \$149,735 (\$14,160).

If you have any questions, please advise.

Sincerely,

Timothy F. Sciba
Administrative Manager

TFS:dh

xc: S. Bremer

Coastal Oil & Gas Corporation

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

Exhibit V

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

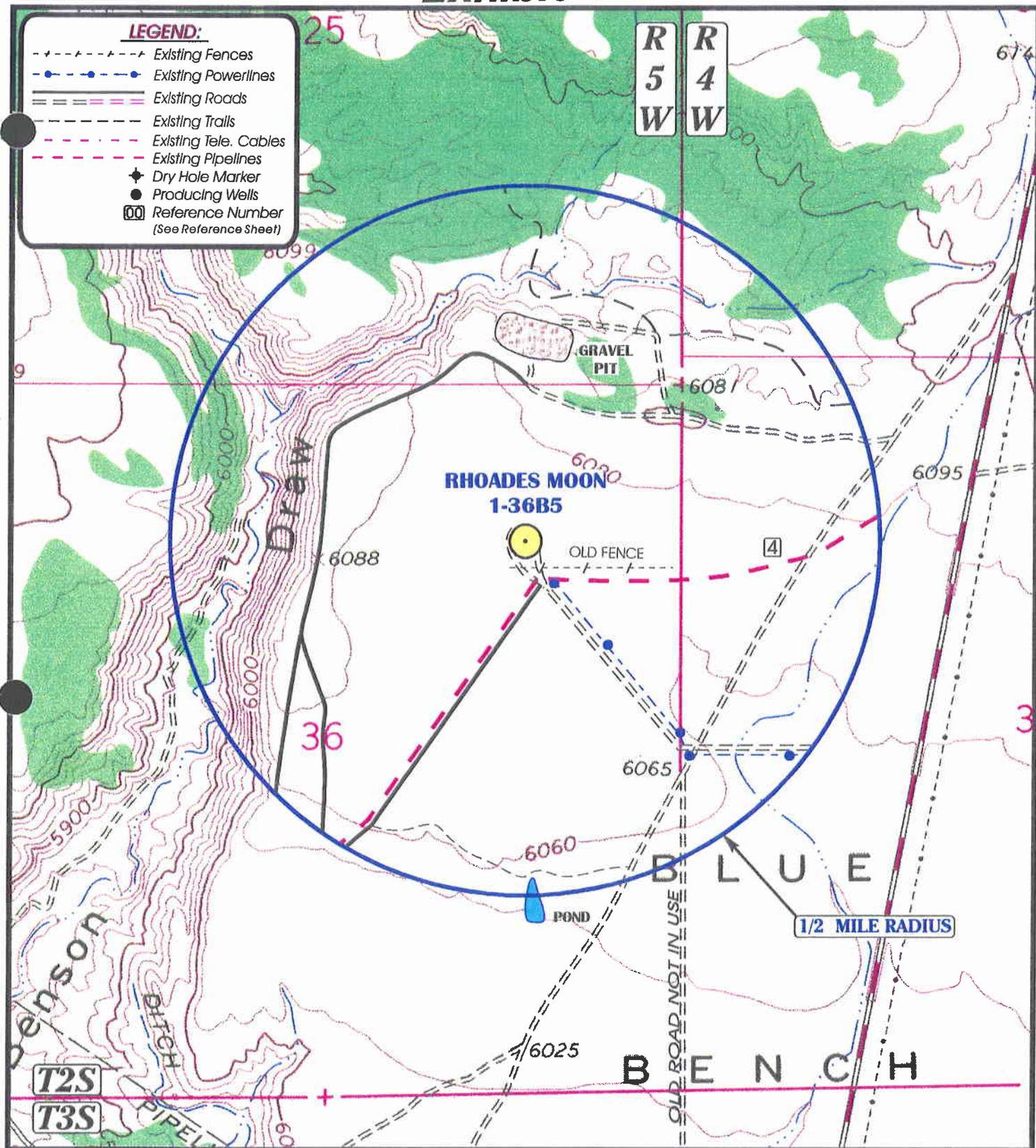
APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Coastal Oil & Gas Corporation
ADDRESS P.O. Box 749
Denver CO 80201-0749

Well name and number: <u>Rhoades-Moon #1-36B5</u>	
Field or Unit Name: <u>Altamont</u>	Lease no. _____
Well Location: QQ <u>NENE</u> section <u>36</u> township <u>2S</u> range <u>5W</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [] No [X]	
Will the proposed well be used for:	Enhanced Recovery? Yes [] No [X]
	Disposal? Yes [X] No []
	Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well, has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-30289</u>	
Proposed injection interval: from <u>2,400'</u> to <u>4,600'</u>	
Proposed maximum injection: rate <u>12,000 BPD</u> pressure <u>1,400</u> psig	
Proposed injection zone contains [] oil, [] gas, and/or [] fresh water within 1/2 mile of the well. <p style="text-align: center;">There are no wells within a 1/2 mile of the well.</p>	
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.	
List of Attachments: <u>EPA Permit</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name <u>C.E. Lindberg</u>	Signature <u>C.E. Lindberg</u>
Title <u>Vice President</u>	Date <u>3/13/97</u>
Phone No. <u>(303) 573-4458</u>	
(State use only) Application Approved by _____ Title _____ Approval Date _____	

Comments:

Exhibit V1



TOPOGRAPHIC MAP
ATTACHMENT TO
AFFIDAVIT OF SURFACE INSPECTION

DATE: 12-23-96
Drawn by: D.COX

UELS

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 1000'

COASTAL OIL & GAS CORP.
RHOADES MOON 1-36B5
SECTION 36, T2S, R5W, U.S.B.&M.

COASTAL OIL & GAS CORP.

RHOADES MOON 1-36B5 SECTION 36, T2S, R5W, U.S.B.&M.

REFERENCE SHEET TO AFFIDAVIT OF SURFACE INSPECTION TOPOGRAPHIC MAPS

1. (4) SURFACE PIPELINES: (1) COASTAL 8", (1) 6", (1) 4", (1) 3"
EXISTING 2-TRACK TRAIL, POSSIBLE BURIED LINES.
2. (2) BURIED CHEVRON PIPELINE CO. PIPELINES
3. (1) BURIED COASTAL PIPELINES
4. (3) BURIED COASTAL PIPELINES
5. HIGHWAY DEPT. GRAVEL PILE
6. UINTAH BASIN TELEPHONE - BURIED FIBER OPTIC LINE
7. (1) BURIED LINE ON NORTH SIDE OF ROAD
(1) 4" SURFACE LINE ON SOUTH SIDE OF ROAD
(1) 2" SURFACE LINE ON SOUTH SIDE OF ROAD
(1) EXISTING ROAD



Coastal
The Energy People

C. L. & Jolene Archibald
P. O. Box 270025
Fruitland, UT 84027-0025

RE: Rhoades Moon 1-36B5 EPA Permit
43-013-30289 Sec 36, T 25, 7

Dear Ms. Archibald:

Thank you for your letter of April 7, 1997. We appreciate your concern as to how our activities might affect the value of your property. In that light, I would like to take this opportunity to point out several things in the permit itself that might ease your mind.

- A) The perforations for the disposal zone will be between 2400' and 4600' (see page 2 item G and page 21). The base of the moderately saline water is approximately 2255' and fresh water zones are much shallower.
- B) Burst specifications of the 9-5/8ths casing is 3950-psi. (page 18). This casing is protected by 3-1/2" tubing (burst pressure 10,000 psi) and a packer. Maximum injection pressure is anticipated to be less than 1400 psi. (page 3). As stated under item K (page 3) pressure controllers will be installed to assure that this injection pressure does not exceed 1400 psi.
- C) The injection zone itself is isolated by interbedded shales that will serve to isolate it from other geologic strata. Additionally a cement bond log will be run to insure that the injection zone is isolated with cement (page 19). If necessary, the casing will be perforated and cement will be pumped to insure zone isolation.
- D) As stated in the permit, there are no water wells within the area of study. In the past, at other injection wells, we have injected water without affecting the nearby water wells. These wells have been monitored for water quality degradation.

There is a large vertical distance from the perforations for injection of produced water to the fresh water zones, which fresh water zones are protected by both

DAN,
we can't permit anything this shallow. Let's discuss it.
[Signature]

Coastal Oil & Gas Corporation

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600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121



Coastal
The Energy People

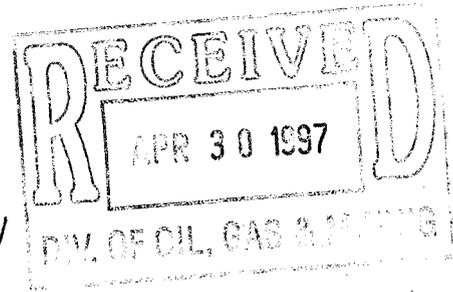
April 24, 1997

C. L. & Jolene Archibald
P. O. Box 270025
Fruitland, UT 84027-0025

RE: Rhoades Moon 1-36B5 EPA Permit

43-013-30289 Sec 36, T 25, R 5W

Dear Ms. Archibald:



Thank you for your letter of April 7, 1997. We appreciate your concern as to how our activities might affect the value of your property. In that light, I would like to take this opportunity to point out several things in the permit itself that might ease your mind.

- A) The perforations for the disposal zone will be between 2400' and 4600' (see page 2 item G and page 21). The base of the moderately saline water is approximately 2255' and fresh water zones are much shallower.
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There is a large vertical distance from the perforations for injection of produced water to the fresh water zones, which fresh water zones are protected by both

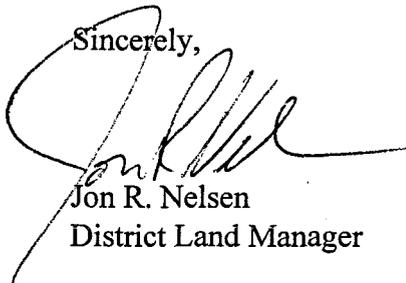
Coastal Oil & Gas Corporation

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

April 24, 1997

cement and casing. The geographic distance from your property to the well should also serve to protect your interests. We believe that these factors along with others which are set out in the permit can be relied upon to give you a sense of comfort. We have found the EPA and the state to be quite diligent in protecting the interests of all parties in the permitting process.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon R. Nelsen", written over the typed name and title.

Jon R. Nelsen

District Land Manager

cc: EPA
Utah Oil & Gas Commission

COASTAL OIL & GAS CORPORATION

600 17th Street, Suite 800S, Denver, CO 80201, (303) 572-1121

FACSIMILE TRANSMITTAL COVER PAGE
This transmission consists of 8 pages (including cover).

DATE: 6/13/97

TO: Dan Jarvis - state & Emmett Schmitz - EPA

COMPANY: _____

FROM: Spule Bremer - 573-4455

SENDING FROM FAX NUMBER: (303) 573-4418

MESSAGE:

I put this in tonight's mail.

CONFIDENTIALITY NOTICE: This message is intended only for the use of the individual or entity designated above. It is confidential and may contain information that is legally privileged or exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by or to anyone other than the recipient designated above by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U. S. Mail, or destroy it if authorization is granted by the sender. Thank you.



Coastal
The Energy People

June 13, 1997

UIC Permit Application
Rhoades-Moon #1-36B5
NENE Section 36-T2S-R5W
Duchesne County, Utah

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code: 8P2-W-GW
Denver, CO 80202-2466

Dear Dan & Emmett:

As per your previous phone conversations with Steve Laney, enclosed please find the revised Proposed Saltwater Disposal Interval, SWD Conversion Procedure, Proposed Wellbore Schematic, and Plug and Abandonment Schematic for the above referenced saltwater disposal well application.

Also, Steve Laney has turned this project over to John Klutsch. John can be reached at (303) 573-4447.

If you have any questions or need further information, please call me at (303) 573-4455. Thank you for your prompt attention to this matter.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Enclosures

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION

300 FIFTH ST. • STE 800 S • SALT LAKE CITY • UTAH 84111-0749 • 303/573-1121

RHOADES-MOON #1-36B5
Section 36 - 2S - 5W
Duchesne County, Utah

PROPOSED SALTWATER DISPOSAL INTERVAL

The proposed saltwater injection interval in the Rhoades-Moon #1-36B5 (section 36 - 2S - 5W) is 4970-6820 feet on the dual induction laterolog (Run #1, 4/15/74). This Upper Green River interval consists of interbedded sands, siltstones, shales, and tight carbonates. The shales and tight carbonates are confining zones.

The concentration of Total Dissolved Solids (TDS) in the water from this interval is unknown. If the measured TDS of the injections zones is less than 10,000 mg/l, an exemption of the aquifer can be supported with the following information:

- (1) Gas and oil shows were recorded across the injection interval during the drilling of two adjacent wells; Young #2-30B4 and Shell Murdock #1-26B5.
- (2) Existing nearby injection wells inject water at much stratigraphically shallower interval than the proposed interval.
- (3) The proposed injection interval has never been used as a source of drinking water.

John Klutsch

6/12/97

SWD CONVERSION PROCEDURE**Revision #1****June 12, 1997**

RHOADES-MOON #1-36B5

Section 36-T2S-R5W
 Altamont Field
 Duchesne County, Utah

WELL DATA

Location: 1178' FEL, 1178' FNL
 Elevation: 6077' GL; 6105' KB
 Total Depth: 12,100' PBTB: 9390' (RBP)
 Casing: 13-3/8" 48# H-40 @ 315' KB cmt'd to surf w/ 300 sks
 9-5/8" 40# J-55(103 jts) and N-80 (38 jts) @ 5799' KB cmt'd w/ 600sks
 7" 26# S-95 (64 jts) & N-80 (186 jts) @ 10,198' KB cmt'd w/ 380 sks
 DV collar @ 8148' cmt'd w/ 590 sks.
 5" 18# N-80 from 9,872' to 12,092' cmt'd w/ 210 sks

Tubing: 2-7/8" N-80 EUE 8 rd @ 8905' open ended.

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity (BPF)</u>	<u>Burst (PSI)</u>	<u>Collapse (PSI)</u>
9-5/8" 40# J-55	8.835"	8.679"	.0773	3950	2570
9-5/8" 40# N-80	8.835"	8.679"	.0773	5750	3090
7" 26# S-95	6.276"	6.151"	.0382	8600	5870
7" 26# N-80	6.276"	6.151"	.0382	7240	5410
5" 18# N-80	4.276"	4.151"	.0177	10140	10490

WELL HISTORY

- 6/74 Initial completion. Perforate from 10,669' to 11,691', 2 SPF, 164 holes. Acidize w/ 20,000 gals 15% HCl. Prod 50 BOPD, 250 MCFPD, 125 BWPD.
- 4/76 Added perforations 10,214' to 11,548'. 374 holes. Acidize with 20,000 gals 7-1/2% HCl.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 75 BOPD, 225 MCFPD, 35 BWPD
- 2/81 Acidized w/ 10,000 gals 15% HCl
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 25 BOPD, 75 MCFPD, 20 BWPD

RhoadesMoon #1-36B5

June 12, 1997

Page 2

10/85 Acidized w/ 5,000 gals 15% HCl
Prior Production: 5 BOPD, 0 MCFPD, 10 BWPD
Post Production: 5 BOPD, 5 MCFPD, 35 BWPD

7/88 Recomplete to Green River. Perf 9000' to 9451', 48 holes. Acidize w/ 2,500 gals 15% HCl.
Prior Production: 5 BOPD, 0 MCFPD, 25 BWPD
Post Production: 7 BOPD, 5 MCFPD, 40 BWPD

PRESENT STATUS

Shut In. Approved to P & A

PROCEDURE

- 1) Notify DOGM office 24 hrs prior to beginning operations.
- 2) MIRU service rig. NUBOPE. POOH w/ 2-7/8" tubing.
- 3) PU 7" 26# cmt retainer on 2-7/8" tubing & TIH. Set retainer @ 8900'. Rls from retainer and circ hole clean. Sting into retainer and establish injection rate. Pump 100 sacks class G cmt below retainer. Rls from retainer and spot 25 sxs cmt on top of retainer. TOC at ±8800'. Btm of cmt @ ±9390' (RBP).
- 4) Circ hole with wtr weighted to at least 9#. POOH.
- 5) RU Schlumberger. Run GR/CBL/CET logs from ±8800' to surf w/ 1500 psig. Run GR/CNL/DSI Sonic tool from ±8800' to surf to determine proposed injection zones.
- 6) RIH w/ wireline set CIBP. Set CIBP @ ±7200' (pending results of cased hole logs run above. Consult with Denver office)
- 7) Squeeze casing as necessary. Consult with Denver office and service companies for slurry design.
- 8) RU wireline service co. Perforate the Upper Green River Formations selectively from ±4970' to ±6820' @ 4 SPF w/ 4" csg gun. Correlate to the DSI Sonic log.
- 9) RIH w/ a retrievable pkr & RBP. Isolate perforated intervals and swab test separately for analysis of formation water as required by the State of Utah and BLM. POOH w/ Pkr & RBP

Rhoades Moon #1-36B5

June 12, 1997

Page 3

- 10) RIH w/ tension set pkr and set above the perforated interval. Press tst backside to 1500 psig. Acidize interval with 15% HCL and rock salt diverter. Volumes to be determined following zone identification and perforations shot in step 6. Consult with Denver office.
- 9) Swab back acid load. Establish injection rate. POOH
- 10) RIH w/ Loc-Set pkr, w/profile nipple, on-off tool on 3-1/2" 9.3# 8rd Duoline-20 fiberglass lined tubing. Set pkr approx 100' above top perf. Press test annulus to 1000 psig.
- 11) NU injection wellhead. RDMO.

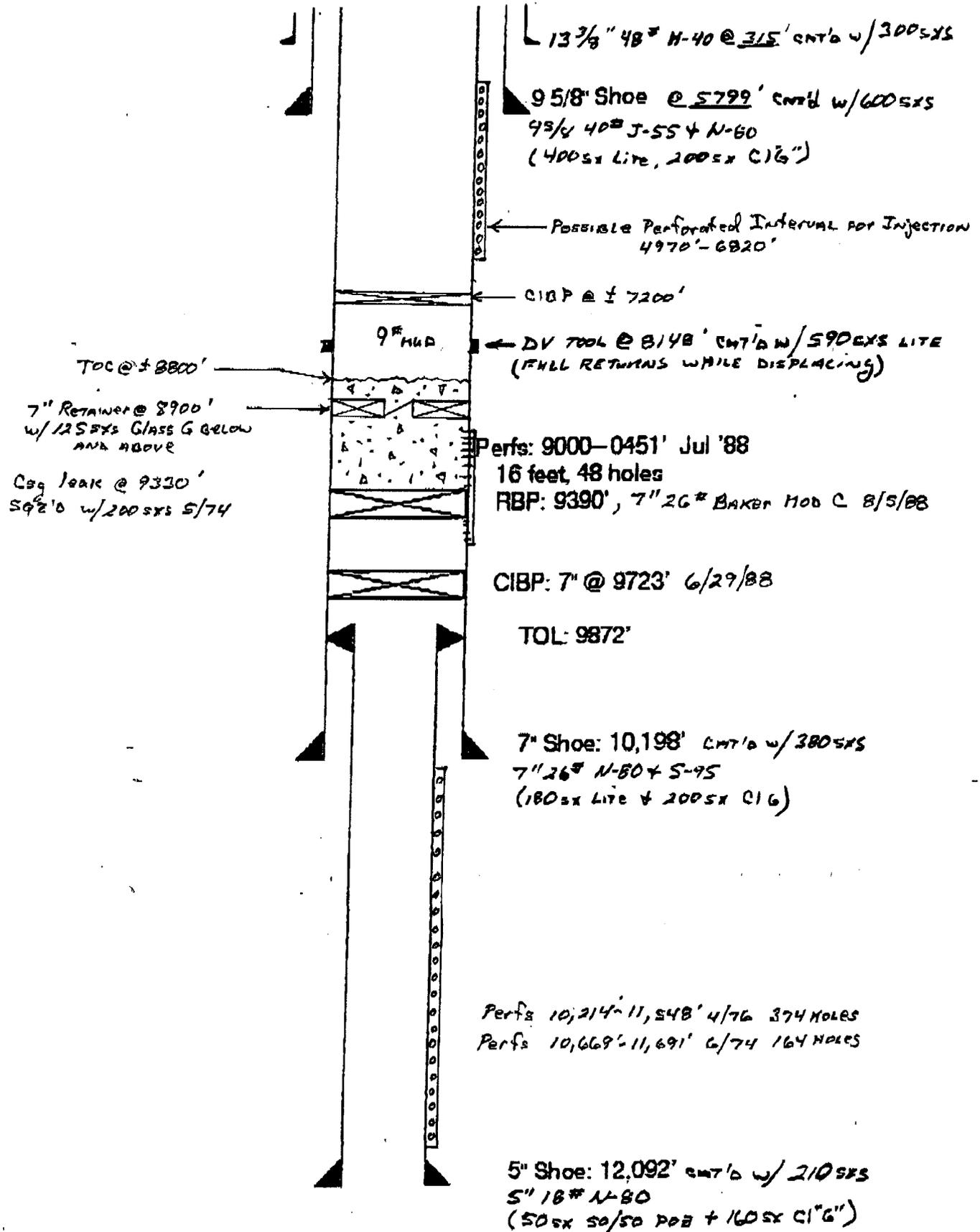
C:\work\wp\rm36b5re.wpd

HOADES 1 - 36B

Sec 36; 1S; 5W

6/12/97
Revision 1

PROPOSED Wellbore Schematic
FOR INJECTION WELL



13 7/8" 48# H-40 @ 315' CNT'D w/ 300SXS

9 5/8" Shoe @ 5799' CNT'D w/ 600SXS
9 5/8" 40# J-55 + N-60
(400sx Lite, 200sx C16")

← POSSIBLE Perforated Interval FOR INJECTION
4970' - 6820'

CIBP @ ± 7200'

TOC @ ± 8800'

← DV TOOL @ 8148' CNT'D w/ 590SXS LITE
(FULL RETURNS WHILE DISPLACING)

7" Retainer @ 8900'
w/ 125SXS Glass G BELOW
AND ABOVE

Perfs: 9000-0451' Jul '88
16 feet, 48 holes
RBP: 9390', 7" 26# BAKER MOD C 8/5/88

Csg leak @ 9330'
5 9/8" w/ 200SXS S/74

CIBP: 7" @ 9723' 6/29/88

TOL: 9872'

7" Shoe: 10,198' CNT'D w/ 380SXS
7" 26# N-80 + S-95
(180sx Lite + 200sx C16")

Perfs 10,214'-11,548' 4/76 374 HOLES
Perfs 10,669'-11,691' 6/74 164 HOLES

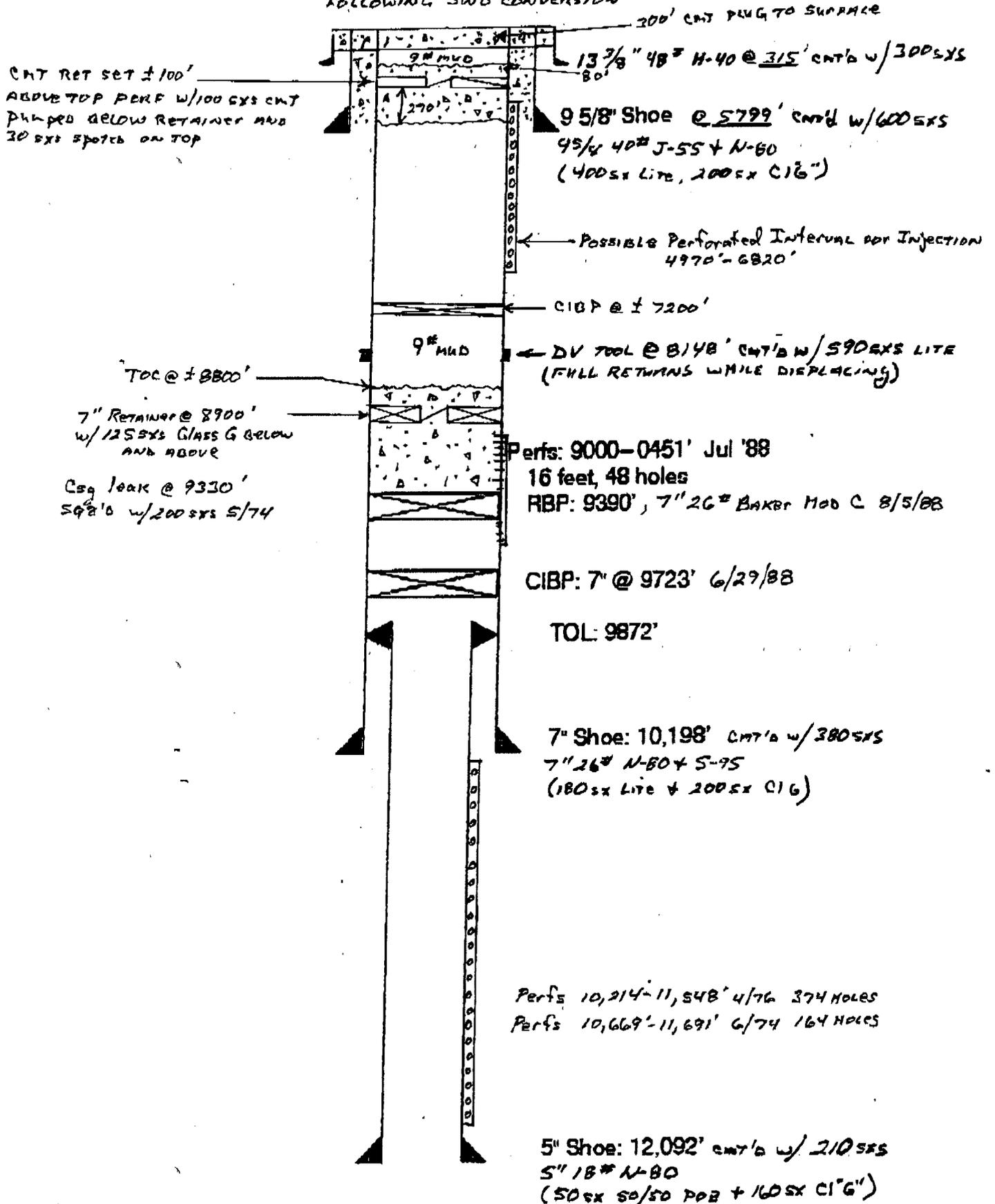
5" Shoe: 12,092' CNT'D w/ 210SXS
5" 18# N-80
(50sx 50/50 PDB + 160sx C16")

HOADES 1 - 36B

Sec. 36; 18; 5W

6/12/97
Revision 1

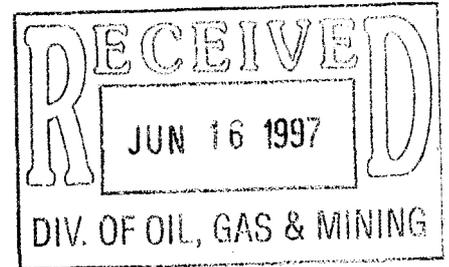
PLUG AND ABANDONMENT
FOLLOWING SWD CONVERSION





Coastal
The Energy People

June 13, 1997



UIC Permit Application
Rhoades-Moon #1-36B5
NENE Section 36-T2S-R5W
Duchesne County, Utah

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code: 8P2-W-GW
Denver, CO 80202-2466

Dear Dan & Emmett:

As per your previous phone conversations with Steve Laney, enclosed please find the revised Proposed Saltwater Disposal Interval, SWD Conversion Procedure, Proposed Wellbore Schematic, and Plug and Abandonment Schematic for the above referenced saltwater disposal well application.

Also, Steve Laney has turned this project over to John Klutsch. John can be reached at (303) 573-4447.

If you have any questions or need further information, please call me at (303) 573-4455. Thank you for your prompt attention to this matter.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Enclosures

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
800 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

RHOADES-MOON #1-36B5
Section 36 - 2S - 5W
Duchesne County, Utah

PROPOSED SALTWATER DISPOSAL INTERVAL

The proposed saltwater injection interval in the Rhoades-Moon #1-36B5 (section 36 - 2S - 5W) is 4970-6820 feet on the dual induction laterolog (Run #1, 4/15/74). This Upper Green River interval consists of interbedded sands, siltstones, shales, and tight carbonates. The shales and tight carbonates are confining zones.

The concentration of Total Dissolved Solids (TDS) in the water from this interval is unknown. If the measured TDS of the injections zones is less than 10,000 mg/l, an exemption of the aquifer can be supported with the following information:

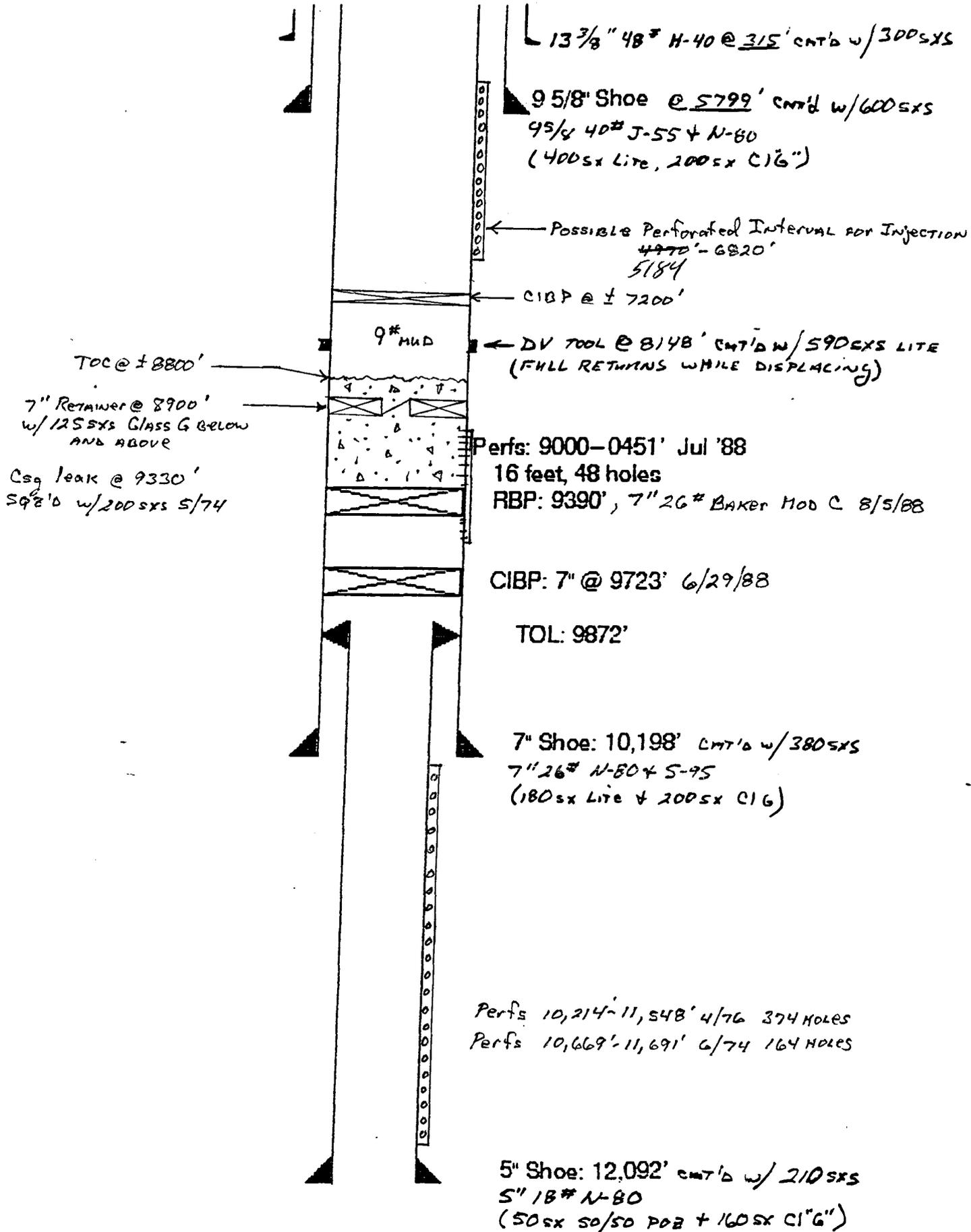
- (1) Gas and oil shows were recorded across the injection interval during the drilling of two adjacent wells; Young #2-30B4 and Shell Murdock #1-26B5.
- (2) Existing nearby injection wells inject water at much stratigraphically shallower interval than the proposed interval.
- (3) The proposed injection interval has never been used as a source of drinking water.

HOADES 1-36

Sec 36; 1S; 5W

STAN C PRUTCH
6/12/97
Revision 1

PROPOSED Wellbore Schematic
FOR INJECTION WELL

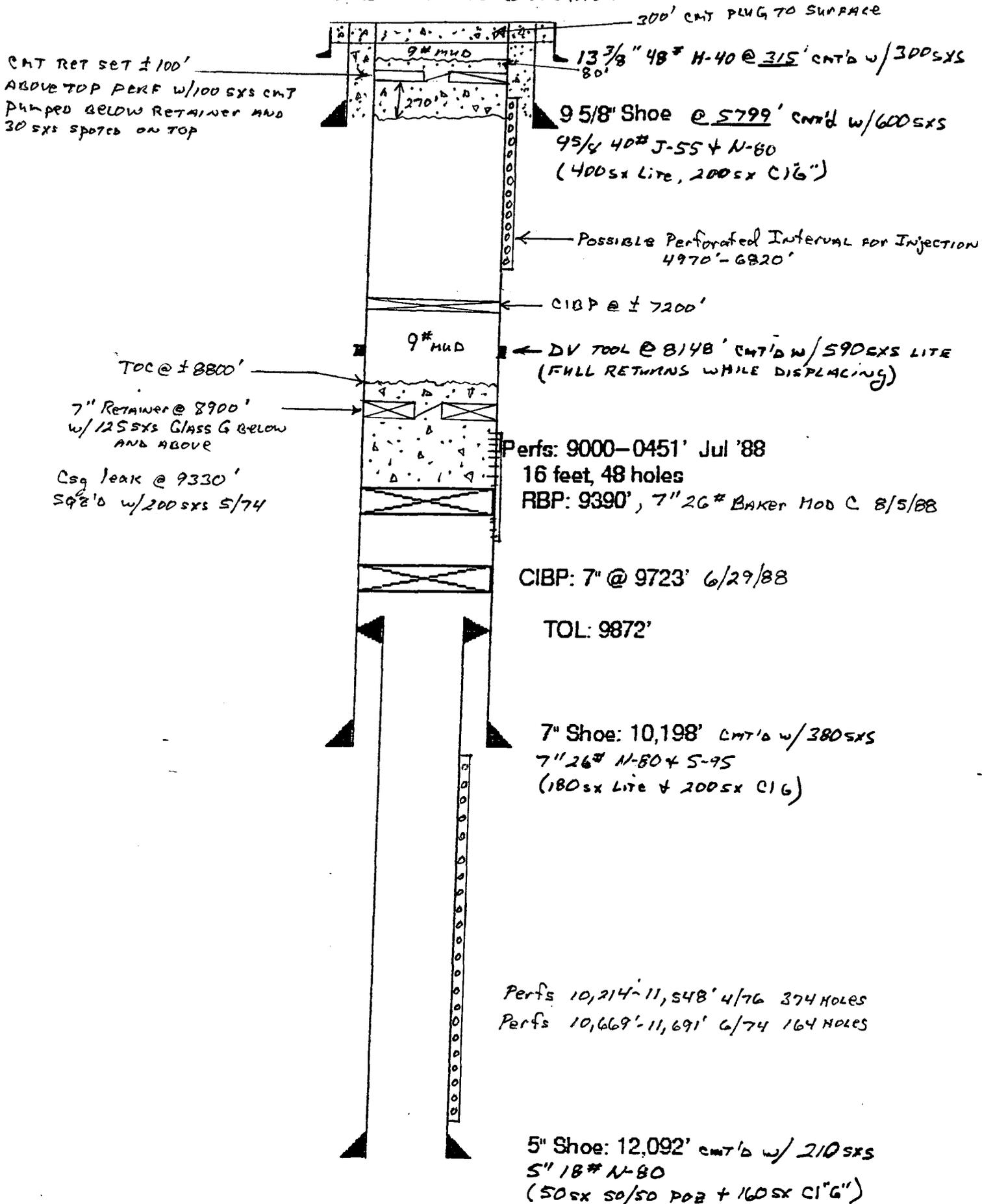


PHOADES 1 - 36B5

Sec 36; 1S; 5W

Sam C Prutch
6/12/97
Revision 1

PLUG AND ABANDONMENT FOLLOWING SWD CONVERSION



SWD CONVERSION PROCEDURE

Revision #1

June 12, 1997

RHOADES-MOON #1-36B5

Section 36-T2S-R5W

Altamont Field

Duchesne County, Utah

WELL DATA

Location: 1178' FEL, 1178' FNL
Elevation: 6077' GL; 6105' KB
Total Depth: 12,100' PBTd: 9390' (RBP)
Casing: 13-3/8" 48# H-40 @ 315' KB cmt'd to surf w/ 300 sks
9-5/8" 40# J-55(103 jts) and N-80 (38 jts) @ 5799' KB cmt'd w/ 600sks
7" 26# S-95 (64 jts) & N-80 (186 jts) @ 10,198' KB cmt'd w/ 380 sks
DV collar @ 8148' cmt'd w/ 590 sks.
5" 18# N-80 from 9,872' to 12,092' cmt'd w/ 210 sks

Tubing: 2-7/8" N-80 EUE 8 rd @ 8905' open ended.

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u> <u>(BPF)</u>	<u>Burst</u> <u>(PSI)</u>	<u>Collapse</u> <u>(PSI)</u>
9-5/8" 40# J-55	8.835"	8.679"	.0773	3950	2570
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5" 18# N-80	4.276"	4.151"	.0177	10140	10490

WELL HISTORY

6/74 Initial completion. Perforate from 10,669' to 11,691', 2 SPF, 164 holes. Acidize w/ 20,000 gals 15% HCl. Prod 50 BOPD, 250 MCFPD, 125 BWPD.

4/76 Added perforations 10,214' to 11,548'. 374 holes. Acidize with 20,000 gals 7-1/2% HCl.
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 75 BOPD, 225 MCFPD, 35 BWPD

2/81 Acidized w/ 10,000 gals 15% HCl
Prior Production: 15 BOPD, 60 MCFPD, 5 BWPD
Post Production: 25 BOPD, 75 MCFPD, 20 BWPD

RhoadesMoon #1-36B5

June 12, 1997

Page 2

10/85 Acidized w/ 5,000 gals 15% HCl

Prior Production: 5 BOPD, 0 MCFPD, 10 BWPD

Post Production: 5 BOPD, 5 MCFPD, 35 BWPD

7/88 Recomplete to Green River. Perf 9000' to 9451', 48 holes. Acidize w/ 2,500 gals 15% HCl.

Prior Production: 5 BOPD, 0 MCFPD, 25 BWPD

Post Production: 7 BOPD, 5 MCFPD, 40 BWPD

PRESENT STATUS

Shut In. Approved to P & A

PROCEDURE

- 1) Notify DOGM office 24 hrs prior to beginning operations.
- 2) MIRU service rig. NUBOPE. POOH w/ 2-7/8" tubing.
- 3) PU 7" 26# cmt retainer on 2-7/8" tubing & TIH. Set retainer @ 8900'. Rls from retainer and circ hole clean. Sting into retainer and establish injection rate. Pump 100 sacks class G cmt below retainer. Rls from retainer and spot 25 sxs cmt on top of retainer. TOC at ±8800'. Btm of cmt @ ±9390' (RBP).
- 4) Circ hole with wtr weighted to at least 9#. POOH.
- 5) RU Schlumberger. Run GR/CBL/CET logs from ±8800' to surf w/ 1500 psig. Run GR/CNL/DSI Sonic tool from ±8800' to surf to determine proposed injection zones.
- 6) RIH w/ wireline set CIBP. Set CIBP @ ±7200' (pending results of cased hole logs run above. Consult with Denver office)
- 7) Squeeze casing as necessary. Consult with Denver office and service companies for slurry design.
- 8) RU wireline service co. Perforate the Upper Green River Formations selectively from ±4970' to ±6820' @ 4 SPF w/ 4" csg gun. Correlate to the DSI Sonic log.
- 9) RIH w/ a retrievable pkr & RBP. Isolate perforated intervals and swab test separately for analysis of formation water as required by the State of Utah and BLM. POOH w/ Pkr & RBP

Rhoades Moon #1-36B5

June 12, 1997

Page 3

- 10) RIH w/ tension set pkr and set above the perforated interval. Press tst backside to 1500 psig. Acidize interval with 15% HCL and rock salt diverter. Volumes to be determined following zone identification and perforations shot in step 6. Consult with Denver office.
- 9) Swab back acid load. Establish injection rate. POOH
- 10) RIH w/ Loc-Set pkr, w/profile nipple, on-off tool on 3-1/2" 9.3# 8rd Duoline-20 fiberglass lined tubing. Set pkr approx 100' above top perf. Press test annulus to 1000 psig.
- 11) NU injection wellhead. RDMO.

COASTAL OIL & GAS CORPORATION
600 17TH STREET, SUITE 800S
DENVER, COLORADO 80201

DATE: 7/7/97

FACSIMILE TRANSMITTAL PAGE

THIS TRANSMISSION CONSISTS OF 2 PAGES (INCLUDING COVER)

TO: Don Jarvis

COMPANY/FIRM: State of Utah

CITY/STATE: _____

FAX #: (801) 359-3940 CONFIRMATION #: _____

FROM: Spula Bremer

TELEPHONE #: (303) 573-4455

INSTRUCTIONS: _____

CONFIDENTIALITY NOTICE: This message is intended only for the use of the individual or entity designated above, is confidential, and may contain information that is legally privileged or exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution, copying, or use of or reliance upon the information contained in and transmitted with this facsimile transmission by or to anyone other than the recipient designated above by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail or destroy it if authorization is granted by the sender. Thank you.

IF YOU HAVE ANY TROUBLE RECEIVING THE ABOVE SPECIFIED PAGES, PLEASE NOTIFY SENDER.

9/4/97 -

Shelia

Rhodes Moon - need
revised UIC Form 1
revised will have schematic
revised procedure.

RHOADES-MOON #1-36B5
Section 36 - 2S - 5W
Duchesne County, Utah

PROPOSED SALTWATER DISPOSAL INTERVAL

This revises the previous proposed saltwater injection interval (4970' to 6820') to 5184' to 6820' in the Rhoades-Moon #1-36B5 (section 36 - 2S - 5W) on the dual induction laterolog (Run #1, 4/15/74). This Upper Green River interval consists of interbedded sands, siltstones, shales, and tight carbonates. The shales and tight carbonates are confining zones.

The concentration of Total Dissolved Solids (TDS) in the water from this interval is unknown. If the measured TDS of the injections zones is less than 10,000 mg/l, an exemption of the aquifer can be supported with the following information:

- (1) Gas and oil shows were recorded across the injection interval during the drilling of two adjacent wells; Young #2-30B4 and Shell Murdock #1-26B5.
- (2) Existing nearby injection wells inject water at much stratigraphically shallower interval than the proposed interval.
- (3) The proposed injection interval has never been used as a source of drinking water.

John Klutsch

update 6/12/97
7/2/97

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF COASTAL OIL	:	ACTION
AND GAS CORPORATION FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-193
THE RHOADES MOON 1-36B5 WELL	:	
LOCATED IN SECTION 36,	:	
TOWNSHIP 2 SOUTH, RANGE 5	:	
WEST, U.S.M., DUCHESNE COUNTY,	:	
UTAH, AS A CLASS II INJECTION	:	
WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

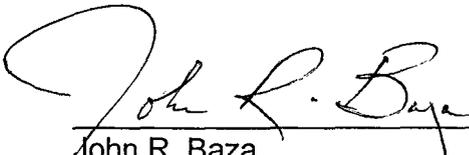
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Rhoades Moon 1-36B5 well, located in section 36, Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5184 feet to 6820 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of August 1997.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director, Oil & Gas



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 11, 1997

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-193

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 11, 1997

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

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Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure

**Coastal Oil and Gas
Rhoades Moon 1-36B5 Well
Cause No. UIC-193**

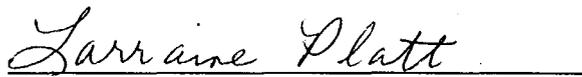
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Sheila Bremer
Coastal Oil and Gas
P.O. Box 749
Denver, Colorado 80201-0749

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Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
August 11, 1997

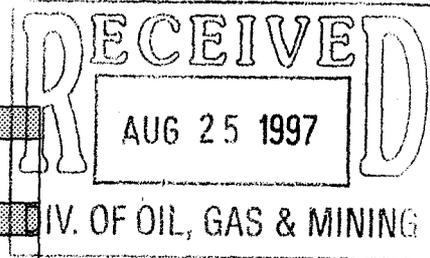
143 SOUTH MAIN ST.
 P.O. BOX 45838
 SALT LAKE CITY, UTAH 84145
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Newspaper Agency Corporation
 The Salt Lake Tribune DESERET NEWS

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CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL GAS & MAINING 1594 WEST NORTH TEMPLE, SUITE 1210, BX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	08/17/97



ACCOUNT NAME	
DIV OF OIL GAS & MAINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8D4601371
SCHEDULE	
START 08/17/97 END 08/17/97	
CUST. REF. NO.	

NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-193
 BOARD OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF COASTAL OIL AND GAS CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE RHOADES MOON 1-3685 WELL LOCATED IN SECTION 36, TOWNSHIP 2 SOUTH, RANGE 5 WEST, U.S.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Board of Oil, Gas and Mining ("Board"), State of Utah, is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Rhoades Moon 1-3685 well, located in section 36 Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II Injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5184 feet to 6820 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 11th day of August, 1997.

UIC-193	
CAPTION	
AGENCY ACTION CAUSE N	
SIZE	
ONES	2.00 COLUMN
RATE	
	1.64
AD CHARGES	
	147.60
TOTAL COST	
	147.60

07
NUAD 7 016
BED 7

DAVIT OF PUBLICATION

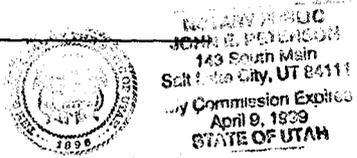
STATE OF UTAH
 BOARD OF OIL, GAS AND MINING
 ADV. /s/ John R. Baza, Director, Oil & Gas

ATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED OF AGENCY ACTION CAUSE N _____ FOR DIV OF OIL GAS & MAINING _____ WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 08/17/97 END 08/17/97

SIGNATURE _____

DATE 08/17/97



**THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
 PLEASE PAY FROM BILLING STATEMENT.**

143 SOUTH MAIN ST.
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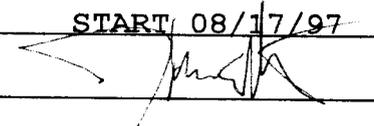
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TELEPHONE	INVOICE NUMBER
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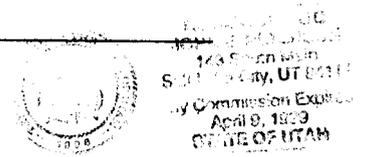
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NOTICE OF AGENCY ACTION
CAUSE NO. UIC-193
BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF COASTAL OIL AND GAS CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE RHOADES MOON 1-3685 WELL LOCATED IN SECTION 36, TOWNSHIP 2 SOUTH, RANGE 5 WEST, U.S.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Board of Oil, Gas and Mining ("Board"), State of Utah, is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Rhoades Moon 1-3685 well, located in section 36, Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 5184 feet to 6820 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 11th day of August, 1997.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING
/s/ John R. Baza
Director, Oil & Gas

NOTICE OF AGENCY ACTION

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

CAUSE NO. UIC-193
IN THE MATTER OF
THE APPLICATION OF
COASTAL OIL AND
GAS CORPORATION
FOR ADMINISTRATIVE
APPROVAL OF
THE RHOADES MOON
1-36B5 WELL LOCATED
IN SECTION 36, TOWNSHIP 2 SOUTH, RANGE 5 WEST, U.S.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 19 day of Aug, 1997, and that the last publication of such notice was in the issue of such newspaper dated the 19 day of Aug, 1997.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Rhoades Moon 1-36B5 well, located in section 36, Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5184 feet to 6820 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

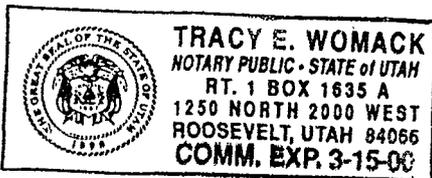
Dated this 11th day of August 1997.

STATE OF UTAH DIVISION OF OIL, GAS & MINING John R. Baza Associate Director, Oil & Gas

Published in the Uintah Basin Standard August 19.


Subscribed and sworn to before me this 26 day of Aug, 1997
Tracy E. Womack

Notary Public



NOTICE OF AGENCY ACTION

CAUSE NO. UIC-193
IN THE MATTER OF
THE APPLICATION OF
COASTAL OIL AND
GAS CORPORATION
FOR ADMINISTRATIVE APPROVAL OF THE

IN SECTION 36, TOWNSHIP 2 SOUTH, RANGE 5 WEST, U.S.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil and Gas Corporation for administrative approval of the Rhoades Moon 1-36B5 well, located in section 36, Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5184 feet to 6820 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure will be determined by means of a step-rate test at the time of conversion.

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Dated this 11th day of August 1997.

STATE OF UTAH DIVISION OF OIL, GAS & MINING John R. Baza Associate Director, Oil & Gas

Published in the Uintah Basin Standard August 19,

projected service area, water, stockwatering, fish & wildlife and recreation use.
Robert L. Morgan, P.E., STATE ENGINEER
Published in the Uintah Basin Standard August 12, 19, 1997.

PUBLIC NOTICE

PUBLIC NOTICE OF INTENT TO ISSUE AN UNDERGROUND INJECTION CONTROL (UIC) CLASS IID PERMIT FOR THE COASTAL OIL & GAS CORPORATION

RHOADES - MOON NO. 1-36B5 SWD UIC PERMIT NUMBER UT2818-04357 CEDAR RIMFIELD, DUCHESNE COUNTY, UTAH

PURPOSE OF PUBLIC NOTICE

Pursuant to 40 CFR Section 124.10, the U.S. Environmental Protection Agency (EPA) is soliciting public comment on the proposal by the EPA Region VIII Office to issue a UIC Permit to Coastal Oil & Gas Corporation to inject produced salt water fluids underground via UIC Class IID disposal well, the Rhoades-Moon No. 1-36B5 SWD, located SWNE NE Section 36, T2S, R5W, Cedar Rim Field, Duchesne County, Utah.

BACKGROUND

The EPA Region VIII has reviewed an application for a Class IID Underground Injection Control Permit from Coastal Oil & Gas Corporation, 600 - 17th Street, Suite 800-S, Denver, Colorado 80201. The proposed Permit will provide for the disposal injection of Green River/Wasatch Formations produced water carrying approximately 9795 mg/l to 11,652 mg/l total dissolved solids. Injection will be into the Upper Green River Formation gross permitted interval 5184 feet to 6920 feet.

EPA regulates underground injection of produced oil field wastes pursuant to 40 CFR Parts 144, 146 and 147.

Coastal Oil & Gas Corporation has submitted all of the required information and data necessary for the issuance of the proposed UIC Permit. EPA has made a preliminary determination to approve the application and that, by doing so, any

from the Draft to the Final Permit, in which case the Permit shall become effective immediately upon issuance.

Within thirty (30) days after the Final Permit decision has been issued, any person who filed comments on the draft document; participated in a public hearing; or takes issue with any changes in the draft document, may petition the EPA Environmental Appeals Board to review the permit decision. Commenters are referred to 40 CFR Sections 124.15 through 124.20 for procedural requirements of the appeal process.

Published in the Uintah Basin Standard August 19, 1997

NOTICE OF TRUSTEE'S SALE

Notice is hereby given that the following described real property will be sold at public auction to the highest bidder, payable in lawful money of the United States at the time of sale, at the front steps of the Duchesne County Courthouse, at 21554 W. 9000 S, Duchesne, UT on September 8, 1997, at 11 a.m. of said day for the purpose of foreclosing a Trust Deed executed Jesse L. Hasha, as Trustor, in favor of Bushnell Finance and Construction Company, a Utah corporation, as Beneficiary, covering real property located in Duchesne County, Utah, more particularly described as:

Lots 11, 12, 13, 14, 15, 16, Block 135, Duchesne City Survey, according to the official plat thereof as found in the office of the Recorder, Duchesne County, Utah.

ALSO: Beginning at the Southwest corner of Lot 11; thence South 10 feet; thence East 310 feet; thence North 160 feet; thence West 10 feet; thence South 150 feet; thence West 300 feet, to point of beginning.

DATED this 2 day of August, 1997:

JOEL D. BERRETT, Successor Trustee
Published in the Uintah Basin Standard August 12, 19, 26, 1997.

NOTICE TO WATER

of livestock; Domestic: 1 family: POU: NW1/4SE1/4 Sec 25, T3S, R43-10754 (A71040): Robert and Breva Funston QUANTITY: 1.73 ac-ft. SOURCE: 6 in. well 100 ft. to 200 ft. deep. POD: (1) S 900E 1700 from W1/4 Cor,

ber 24, 1994 (the "Trust Deed"), executed by David A. Gumucio, as Trustor, in favor of Zions First National Bank, a national association, as Beneficiary, and recorded in the office of the Uintah County Recorder, State of Utah, on

August 27th 1997
Clark; Alana Jim; Arrowchis; Patricia Peggy McReyno
Published in the Basin Standard 5, 12, 19, 1997

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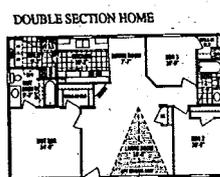
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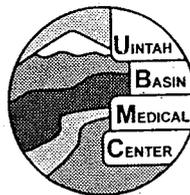
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Coastal
The Energy People

September 4, 1997

Rhoades-Moon #1-36B5
NENE Section 36-T2S-R5W
Duchesne County, Utah

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

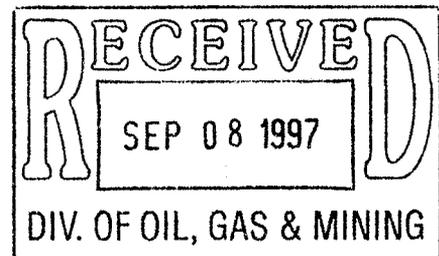
Dear Dan:

As per our phone conversation this morning, enclosed please find the revised UIC Form 1 for the above referenced well. If you need any further information, please let me know. Thank you for all of your help with this saltwater disposal conversion application.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Enclosure



Coastal Oil & Gas Corporation

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

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Coastal Oil and Gas **Well:** Rhoades Moon 1-36B5

Location: Sec. 36, T.2 S., R.5 W., Duchesne County

Ownership Issues:

The proposed well is located in section 36, township 2 south, range 5 west, Duchesne County, Utah. The surface location is owned by Coastal Oil and Gas. There are a number of other surface owners in the one-half mile area of review. Coastal Oil and Gas is the operator of all leases in the ½ mile radius. An affidavit has been filed stating that all surface owners in the ½ mile area have been notified.

Well Integrity:

The well proposed for injection is the Rhoades Moon 1-36B5. The well is presently a shut in oil well. This well has a 13 3/8" surface casing set at 315 feet and is cemented to surface. A 9 5/8" intermediate casing was set from surface to 5799 feet. Cement top is unknown at this time, a bond log has been requested from Coastal. A 7 inch casing is set from surface to 10,198 feet, this casing was cemented in 2 stages. A cement bond log for the interval from 10,198 feet to 5800 feet indicates intermittent good to poor cement bond, with poor bond across and above the injection zone. The proposed construction calls for a cement retainer to be set at 8900 feet and to pump 100 sacks of cement below retainer and place 25 sacks of cement on top of it. A cement bond log will be run from 8800 feet to surface to determine where remedial cement work needs to be done. The interval from 5184 to 6820 will be selectively perforated and will be swabbed to obtain a representative sample from the formation. The proposed zone of injection lies within the saline facies of the upper Green River Formation. A 2 7/8' tubing will be set in a packer approximately 100 feet above the upper most perforation. The quality of water in the injection zone is presently unknown, the zones will be perforated and swabbed to obtain a representative sample. There are no oil or water wells in the ½ mile area of review. A casing test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.

Ground Water Protection:

The base of moderately saline water may be as deep as 2255 feet in the area, it appears that this may be a case where there are zones of fresher water that underlie zones of more saline water. The proposed injection zone lies within the saline facies, log calculations submitted by Coastal indicate salinities in the injection zone which range from 45,000 mg/L to 100,000 mg/L TDS. The zone needs to be swabbed to determine the quality of the

water. A maximum pressure of 1085 was requested. In light of the fact that no fracture information is available for the well, a step-rate test will be required to determine the fracture gradient for the injection zone. There are no water wells in the area of review. Any fresh and usable waters would be contained in the surface alluviums and down into the Duchesne River Formation. The upper confining zone consists of impermeable shale and limestone beds of the Uinta Formation. The lower confining zone consists of shale, limestone, and sand stringers of the Green River Formation. Any shallow fresh water zones will be adequately protected by the proposed construction.

Oil/Gas & Other Mineral Resources Protection:

Injection into this well should have no adverse affects on any offsetting production. There are no other known mineral interests of concern.

Bonding:

Coastal Oil and Gas has a statewide bond in the amount of \$80,000 dollars.

Actions Taken and Further Approvals Needed:

A public notice for the injection well was published in both the Salt Lake Tribune and the Uinta Basin Standard newspaper. No objections to the application were received. The permittee needs complete the well as proposed in the submitted application. A cement bond log needs to be run, remedial cement work performed and swab a representative sample once the casing has been perforated. A step rate test needs to be run to determine the fracture pressure.

DJJ
Reviewers

9/10/97
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

October 20, 1997

Coastal Oil and Gas Corporation
600 17th Street, Suite 800 South
Denver, Colorado 80201

Re: Rhoades Moon 1-36B5 well, Section 36, Township 2 South, Range 5 West, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Coastal Oil and Gas Corporation.
3. A representative water sample shall be swabbed from the proposed injection zone and analyzed for total dissolved solids content. If the water quality of the zone is less than 10,000 mg/l total dissolved solids, Coastal will be required to pursue an aquifer exemption in accordance with Utah Admin. Code R649-5-4.
4. A step-rate test shall be conducted at the time of conversion to determine the maximum allowable injection pressure.
5. Cement bond logs shall be run to determine if remedial cement work is required.

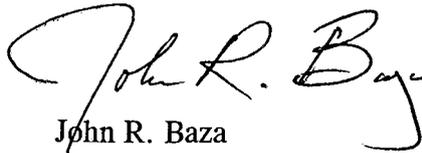
Page 2

Coastal Oil and Gas Corporation
Injection Conversion Approval

6. Coastal shall notify the Division 48 hours prior to commencing any tests or conversion activities.
7. A mechanical integrity test shall be run at the time of conversion and prior to injection.

A final permit to inject will be issued when all of the above conditions have been fulfilled. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza". The signature is written in a cursive style with a large, looping initial "J".

John R. Baza
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



Coastal
The Energy People

April 22, 1998

Dan Jarvis
State of Utah
Division of Oil, Gas, and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84114

Dear Dan:

Coastal recently attempted to convert the Ute #1-14C6 and the Rhoades-Moon #1-36B5 located in Altamont Field to water disposal wells. All injection tests in the permitted Upper Green River interval were unsuccessful. Coastal would now like to obtain permission to test the Uinta interval for injection. The enclosed study examines the existing water disposal wells in the southwestern portion of Altamont Field and how injecting into the Uinta in the #1-14C6 and the #1-36B5 might affect potential aquifers. If there is other data that you would like to examine, please let us know.

Sincerely,

Steve Laney
Senior Geologist
Coastal Oil and Gas

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303.572-1121

**DISPOSAL OF PRODUCED WATERS IN SOUTHWESTERN ALTAMONT FIELD
A REVIEW OF EXISTING DISPOSAL WELLS AND A STUDY OF THE POSSIBILITY OF
UINTA INJECTION IN THE UTE #1-14C6 AND THE RHOADES-MOON #1-36B5**

Purpose

The purpose of this study is to determine if produced waters can be injected into the Uinta Formation in the Ute #1-14C6 and the Rhoades-Moon #1-36B5 without affecting any aquifers that might be used for drinking or agricultural purposes.

Proposal

Coastal proposes circulating cement behind pipe in both wells and then testing the following Uinta intervals for injection:

#1-36B5 4,040 - 5,150

#1-14C6 2,360 - 3,500

Background

Production costs in Altamont Field are escalating due to several factors: the waxy characteristics of the crude, the deep target depths, low average oil production rates, and the production of substantial quantities of water. Water disposal costs are held in check by an extensive network of pipelines and disposal wells. As existing disposal wells approach fillup and their injection capacities are reduced, it is imperative that new disposal wells be established. Failure to do this and expand the existing disposal network will result in prohibitive production costs and the premature abandonment of many of the currently producing wells.

The currently approved injection interval is the Upper Green River. Coastal recently attempted to convert two wells in Altamont Field to water disposal wells (#1-14C6 and #1-36B5). Both wells tested the Upper Green River interval which was too tight to allow for suitable injection pressures. The only exception was an interval in the 1-14C6 that flowed high pH water which is incompatible with produced waters from the Wasatch.

Due to the disappointing Upper Green River injection results in the proposed disposal wells, Coastal is left with three alternatives: attempt injection in the deeper Lower Green River interval, attempt injection in the shallower Uinta Formation, or abandon these wells. The Lower Green River Formation is included in the Altamont-Bluebell Field spacing order which does not provide for injection, thus Coastal would like to avoid injection into the Lower Green River at this time. Abandonment of these wells would be a significant economic setback because of

Coastal's need for new disposal capacity and the cost of attempting conversions in other wells. Coastal's best alternative is to obtain permission to attempt injection in the Uinta Formation.

Scope of the Study

Area:

Townships 2S-4W through 2S-7W and 3S-4W through 3S-7W in Duchesne County, Utah

Water Disposal Wells:

Lakefork #2-23B4 (Sec 23-2S-4W)
Russell #2-32B4 (Sec 32-2S-4W)
Tew #1-9B5 (Sec 9-2S-5W)
Erich #2-11B5 (Sec 11-2S-4W)
LDS Church #2-27B5 (Sec 27-2S-5W)
Bluebench #13-1 (Sec 13-3S-5W)
Saleratus #2-17C5 (Sec 17-3S-5W)
Ute #1-A (Sec 18-3S-6W)
SWD #1 (Sec 24-3S-6W)

Proposed Disposal Wells:

Rhoades-Moon #1-36B5 (Sec 36-2S-5W)
Ute #1-14C6 (Sec 14-3S-6W)

Discussion

A paper by M. Dane Picard, 1957, was used as the stratigraphic basis for this study. The top of Picard's Green River delta facies is what Coastal uses as the top of the Lower Green River and is also the top of the formations which are subject to the spacing order in Altamont-Bluebell Field. The top of the Upper Green River is a much more complex question. As Picard noted, it is difficult to place the Uinta/Green River contact in the subsurface, and in the central part of the Uinta Basin (the location of this study) the boundary is tentatively placed near the middle of the Saline Facies. For convenience sake and for permitting purposes the top of the Saline Facies is used as the top of the Upper Green River. Enclosure No. 1 is a structure map at the top of the Saline Facies.

Coastal wanted to convert the #1-14C6 and the #1-36B5 to water disposal wells and obtained permission to test the Upper Green River in both these wells for possible injection. The results of Coastal's tests are summarized in the following two paragraphs.

#1-14C6 History: The #1-14C6 was originally completed in July, 1971 as a Wasatch producer. After three recompletions in the Wasatch, the Upper Green River was perforated in July, 1977, from 4730 to 5192 and flowed 1040 BW in 13 hours. This was close to an interval noted on the mud log (5240') where the hole began to flow during drilling. The well was subsequently

abandoned. In October and November of 1997, Coastal re-entered this well and began testing Upper Green River intervals for injection. An effort was made to avoid any zones that might flow water. The following is a brief summary of Coastal's injection attempts:

- (1) Perfed 4731-5032 Injected 3 BPM @ 1000 psig
- (2) Perfed 4583-4676 Injected 2.4 BPM @ 1700 psig
Acidized Injected 2.3 BPM @ 1425 psig
- (3) Perfed 4413-4664 Injected 2.3 BPM @ 1475 psig
- (4) Perfed 5519-6143 Well flowed 1.3 BPM high pH water (up to pH 9.9). Coastal determined that the formation water would react adversely with the potential injection waters.

#1-36B5 History: The #1-36B5 was initially completed in the Wasatch in June, 1974. Additional Wasatch perforations were added in 1976 and the Lower Green River was perforated in 1988. In January, 1998, Coastal re-entered this well and made the following injection attempts:

- (1) Perfed 6610-6820 Injected 3.5 BPM @ 1200 psi
- (2) Perfed 6490-6576 Injected 2 BPM @ 2600 to 3800 psi
Acidized Injected 9 BPM @ 4700 to 5000 psi
- (3) Perfed 6440-6480 Injected 2 BPM @ 2500 psi
- (4) Perfed 5270-6170 Injected 3.5 BPM @ 1500 psi

Coastal would like to establish injection rates of 4 bpm or greater. The maximum injection pressures set by the EPA for the permitted intervals were 918 psig for the #1-14C6 and 1116 psig for the #1-36B5. As demonstrated, none of the intervals tested were suitable. The only zone not pressure tested in the #1-14C6 (5519-6142') had formation water with pH values up to 10. Deeper Upper Green River zones were not tested in the #1-36B5 because of the results of the #1-14C6. Enclosure No. 2 is a stratigraphic cross section hung on the top of the saline facies. This cross section includes all the disposal wells covered by this study along with Coastal's proposed injection wells. The intervals tested in the proposed injection wells are shown. Three of the disposal wells on this cross section have injection intervals in the Upper Green River. The data show that economic injection into the Upper Green River has been established only when an obvious porous zone can be found, as is the case in the Ute #1A (sec 18-3S-6W) which is injecting into a 70' sand with good porosity and permeability. This sand body trends NE-SW and pinches out before it gets to the #1-14C6. No similar reservoirs are found in the Upper Green River in the #1-14C6 or the #1-36B5.

The Altamont #1 SWD (sec 24-3S-6W) was completed as an injection well in the Upper Green River in 1975 using an uncemented slotted liner. The initial injection rate was very low (395 BWP, .3 BPM). In 1977 the operator proposed adding perforations in the Uinta. There is no record that this work was ever done; however, a recent examination of this well by state and federal regulatory personnel indicates that the injection interval is probably shallower than the Upper Green River.

The Bluebench #13-1 (sec 13-3S-5W) has perforations in the Upper Green River and the Lower

Green River. It is possible that most of the water being injected in this well is going into the Lower Green River; therefore, this well does not provide conclusive proof that an Upper Green River interval similar to the #1-14C6 and the #1-36B5 can be successfully used for disposal.

As evidenced by Enclosure No. 2, most of the disposal wells are injecting into the Uinta Formation. A fairly complete compilation of formation water analyses from the Uinta injection intervals shows that all but one zone have total dissolved solids (TDS) greater than 10,000 ppm or mg/l. A small shallow interval in the #2-11B5 had TDS of 8,956 mg/l; however, the zone immediately above this had a salinity value of 10,320 ppm. It is apparent that none of these zones could reasonably be used as a source of drinking or agriculture water without expensive treatment.

The next question is whether waters injected into the Uinta could break through and contaminate other aquifers which are used for drinking water. Enclosure No. 3 is a structural cross section showing the #1-14C6 and the #1-36B5 and the proposed Uinta injection intervals. Since no shallow resistivity log exists for the #1-36B5, the log from the nearby #1-6C4 (sec 6-3S-4W) was used and depth adjusted. A search was made of all existing water wells within a one section radius of each of the proposed injection wells, and the deepest ones were projected along structural strike into the cross section. Lithologic information was obtained from mud log data. Since the mud logs for the #1-14C6 and the #1-36B5 begin below the Uinta, mud logs from the #2-14C6 and the #1-6C4 were incorporated. The data from the #2-14C6 was spotted into the cross section along structural strike. The accuracy of the mud log data depends greatly on the expertise of the mudlogger; however, this information can give a general picture of major lithologic changes. As shown by this enclosure, the Uinta in this area can be divided into an upper "sandy facies" composed mostly of interbedded sandstones, siltstones, and shales, and a lower interval of predominately shales and limestones with a few sands found near the base. This change in lithology is accompanied by a definite change in the average minimum gamma ray reading on the logs. The proposed injection intervals are vertically separated from nearby water wells by 1800 to 3500' of section, a significant portion of which is low porosity rock. It is believed that there will be no significant vertical migration and no potential for contamination of nearby water wells.

The structure map on the top of the Saline Facies (Enclosure No. 1) shows that the dip of the beds is generally to the northeast with no apparent faulting. The stratigraphic equivalent of Coastal's proposed injection intervals should outcrop approximately 5 miles to the south of the #1-14C6. A review of well logs in the area (see Enclosure No. 3) shows high variability in the Uinta section. It is believed that the lithologic variation seen in the proposed injection interval will prevent injected waters from migrating far enough updip to contaminate surface waters or shallow water wells.

Conclusions

- (1) Coastal has been unable to find a suitable Upper Green River injection interval in the #1-14C6 and the #1-~~35~~³⁶B5.
- (2) The Uinta formation waters in surrounding wells tested > 10,000 ppm total dissolved solids in the same interval as that proposed for the #1-14C6 and the #1-~~35~~³⁶B5. These waters would not be used for drinking or agricultural use.
- (3) The proposed Uinta injection intervals are vertically separated from nearby water wells by a thick interval containing numerous low porosity layers.
- (4) Long distance updip migration of injected waters is not likely due to stratigraphic variation.

Reference

Picard, M. Dane, 1957, *Green River and Lower Uinta Formations - Subsurface Stratigraphic Changes in Central and Eastern Uinta Basin, Utah*: Intermountain Assoc. Petroleum Geologists Guidebook, Eighth Ann. Field Conf., p. 116-130.

S. H. Laney April, 1998

5. Lease Designation and Serial Number:

Fee

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:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL GAS OTHER: SWD

8. Well Name and Number:

Rhoades-Moon #1-36B5

2. Name of Operator:

Coastal Oil & Gas Corporation

9. API Well Number:

43-013-30289

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: 1178' FEL & 1178' FNL
QQ, Sec., T., R., M.: NENE Section 36-T2S-R5W

County: Duchesne

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 Salt Water Disposal Well conversion
- New Construction
- Pull or Alter Casing
- Recompletion
- Perforate
- Vent or Flare
- Water Shut-Off

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

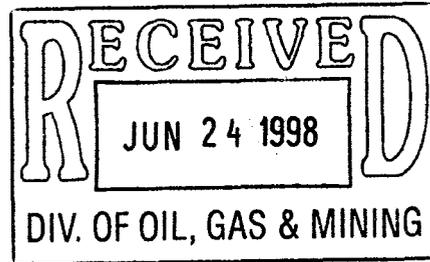
Date of work completion _____

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 modified procedure to convert the subject well to SWD. Please note that this well is currently temporarily abandoned.



13.

Name & Signature: Sheila Bremer

Title Environmental & Safety Analyst Date 06/23/98

(This space for State use only)

Project: Pull 7" csg, cement 9 5/8" casing across proposed perforation interval, & test potential intervals for injectivity.

Completion Procedure

- 1) MIRU, ND WH, NU BOP, TOO H w/ 622' of 2 7/8" tbg, RU wireline company, RIH w/ 7" CIBP & set @ 5,240', dump bail 2 sx cmt on top of CIBP, test CIBP to 2,000 psig.
Note: Need to set CIBP above upper most perf @ 5,270'.
- 2) MI csg pullers, ND tbg BOP, NU csg BOP, RU csg jacks, RU Cutters & RIH w/ Jet Cutter for 7", 26# csg & cut off 7" csg @ 5100', TOO H & LD 7" csg, ND csg BOP, NU tbg BOP, RD csg pullers.
- 3) RIH w/ CBL \ GR \ CCL logging tools & log well from 5,100' to surface to identify cmt integrity behind 9 5/8" csg.
Note: Fax CBL to Denver Engineering ASAP.
Sqz perms in the next step depends on results of CBL. For procedure sake we will assume that the estimated TOC behind the 9 5/8" csg is at 5,156'. If the 400 sx lite cmt was actually a top job, the estimated TOC behind the 9 5/8" csg is reasonable.
- 4) RIH w/ 4" perf gun & perf 4 sqz holes @ 5,095' & 4 sqz holes @ 3,700' in the 9 5/8" csg.
Note: Necessity & location of sqz holes depends on CBL for the 9 5/8" csg & may vary in depth.
- 5) PU & RIH w/ 9 5/8" cement retainer on 2 7/8", 6.5#, N-80 tbg, set CR @ 3,725'.
Note: Tally is very important, must set CR below sqz holes @ 3,700'.
- 6) RU cementers & break circ dn tbg back to surface via tbg/csg annulus, circ hole for 1 hour, cement csg w/ 595 sx Class-G cmt as per the recommended cementing procedure. Pump 595 sx Class-G cmt (122.8 bbls cmt slurry), & displace w/ 117.8 BW, pull out of CR & TOO H to 3,600', rev circ hole clean, TOO H w/ tbg, SWI & WOC.
Note: Refer to attached cementing diagram.
- 7) RIH w/ 8 5/8" mill on 2 7/8", 6.5#, N-80 tbg & drill out CR @ 3,725' & cmt down to 5,100', test csg to 1,500 psig, TOO H w/ mill & tbg.
Note: Upper sqz holes must hold integrity. If no test, call Denver engineering for further sqz orders.
- 8) RU wireline company, run CBL \ GR \ CCL log across cemented interval from 5,100' - 3,600'.
- 9) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-I (Unita Fm @ 4,583' - 5,070', 90 intervals, 270 shots).
Note: Use Schlumberger Compensated Neutron / Dipole Sonic Imager dated 1/13/98 for perforation correlation.
Record all fluid levels & entries.
- 10) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 4,520', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.

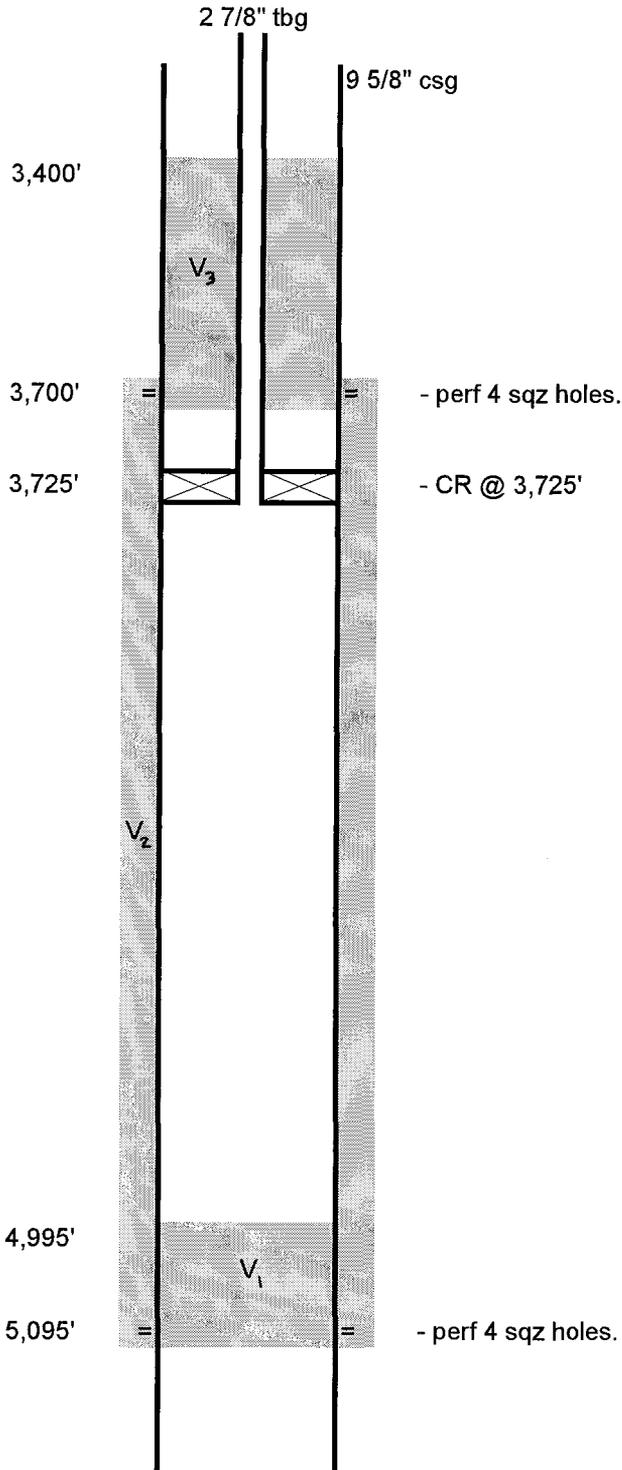
- 11) Release 9 5/8" pkr @ 4,520', TOOH w/ 2 7/8" tbg & pkr.
Note: If test results are acceptable, proceed to Step -15.
If test results are not acceptable, proceed to Step -12.
- 12) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-II (Unita Fm @ 4,052' - 4,452', 88 intervals, 264 shots).
Note: Use Schlumberger Compensated Neutron / Dipole Sonic Imager dated 1/13/98 for perforation correlation.
Record all fluid levels & entries.
- 13) RIH w/ 9 5/8" RBP, retrieving head, & 9 5/8" pkr on 2 7/8" tbg, set RBP @ 4,560', set pkr @ 4,000', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.
- 14) Release 9 5/8" pkr @ 4,000', RIH & retrieve 9 5/8" RBP @ 4,560', TOOH w/ 2 7/8" tbg, pkr, & RBP.
- 15) RIH w/ 3 1/2" F-Type profile nipple, 3 1/2" x 6' tbg sub, 9 5/8" 40# Arrow Set-1 inj pkr, 3 1/2" on/off tool, 3 1/2" SN on 3 1/2", 9.3#, J-55 internally coated tbg, land pkr @ 4,000', ND BOP, pump pkr fluid dn csg annulus, set pkr in tension, NU WH, SWI, RDMO.
- 16) Call Utah OG&M and EPA, schedule for a mechanical casing integrity test.

Note: If the proposed Phase-I perforation interval proves to be an acceptable injection zone, the Phase-II perforations will not be performed & the 9 5/8" injection packer will be set @ 4,520'.

Rhoades Moon #1- 36B5
 NE NE Sec.36, T2S, R5W
 Altamont Field
 Duchesne County, Utah

**Coastal Oil & Gas Corporation
 Remedial Cementing Diagram**

5/26/98
 JZ



Cement Volumes:

$$V_1 = (100')(.0758) = 7.58 \text{ bbls cmt}$$

$$V_2 = (5095' - 3700')(.0558) = 77.84 \text{ bbls cmt}$$

Using a 1.25 fill factor

$$V_2 = 97.30 \text{ bbls cmt}$$

$$V_3 = (3700' - 3400')(.0598) = 17.94 \text{ bbls}$$

$$\text{Total Cement Volume} = 122.82 \text{ bbls} = 689.63 \text{ cu.ft.}$$

Using Class-G cmt yields 1.16 cu.ft./sx

$$\text{Cement Required} = 690 / 1.16 = 595 \text{ sx}$$

Displacement:

$$\text{Displace tbg} = (3725')(.00579) = 21.57 \text{ bbls}$$

$$\text{Displace csg} = (4995' - 3725')(.0758) = 96.27 \text{ bbls}$$

$$\text{Total Displacement} = 117.84 \text{ bbls}$$

Note: Displace cement to within 100' of btm sqz holes.

Capacities:	2 7/8", 6.5# tbg @ 0.00579 bbls/ft. .
	9 5/8", 40# csg @ 0.0758 bbls/ft.
	9 5/8" csg x 12 1/4" hole @ 0.0558 bbls/ft.
	2 7/8" tbg x 9 5/8" csg @ 0.0598 bbls/ft.

REATER ALTAMONT FIELD

**RHOADES #1-36B5
Section 36, T2S - R5W
Duchesne County, Utah**

Uinta Disposal Perforations - Phase 1

Schlumberger Compensated Neutron / Dipole Sonic Imager Run #1 (1/13/98)		
4,583	4,762	4,958
4,586	4,763	4,962
4,594	4,793	4,972
4,598	4,797	4,974
4,602	4,808	4,976
4,609	4,812	4,978
4,618	4,813	4,980
4,620	4,819	4,982
4,627	4,824	4,984
4,632	4,829	4,986
4,634	4,834	4,988
4,638	4,840	4,990
4,644	4,848	4,992
4,646	4,853	4,994
4,662	4,857	4,996
4,668	4,894	4,998
4,670	4,900	5,000
4,672	4,902	5,002
4,674	4,908	5,006
4,682	4,911	5,012
4,688	4,916	5,014
4,690	4,918	5,016
4,696	4,923	5,023
4,714	4,926	5,025
4,716	4,934	5,034
4,719	4,935	5,038
4,730	4,940	5,040
4,736	4,941	5,052
4,745	4,946	5,056
4,751	4,950	5,070

90 ZONES

S. H. Laney

5/13/98

GREATER ALTAMONT FIELD

**RHOADES #1-36B5
Section 36, T2S - R5W
Duchesne County, Utah**

Uinta Disposal Perforations - Phase 2

Schlumberger Compensated Neutron / Dipole Sonic Imager Run #1 (1/13/98)		
4,052	4,228	4,400
4,053	4,232	4,416
4,062	4,240	4,421
4,071	4,245	4,425
4,073	4,252	4,437
4,077	4,257	4,444
4,093	4,265	4,448
4,095	4,273	4,450
4,107	4,277	4,452
4,112	4,286	4,459
4,116	4,288	4,463
4,123	4,295	4,468
4,129	4,297	4,470
4,131	4,316	4,481
4,141	4,321	4,485
4,143	4,323	4,488
4,145	4,335	4,494
4,157	4,342	4,498
4,159	4,344	4,502
4,161	4,351	4,509
4,176	4,353	4,510
4,178	4,365	4,516
4,180	4,375	4,522
4,184	4,376	4,524
4,191	4,378	4,532
4,193	4,380	4,534
4,202	4,386	4,536
4,208	4,388	4,538
4,213	4,393	4,542
4,224		

88 ZONES

S. H. Laney

5/13/98

Rhoades Moon #1- 36B5Altamont Field
Duchesne County, Utah**Coastal Oil & Gas Corporation
Well Data Sheet**

5/26/98

JZ

Well Data

Location: NE NE Sec.36, T2S, R5W (1,178' FEL & 1,178' FNL)
 WI: 99.840140% Cost Lease No. 13733
 NRI: NA
 Elevation: GL @ 6,077', KB @ 6,105' (28' KB)
 Total Depth: 12,100', PBTD @ 11,990', CICR @ 8,080'.
 Well Status: TA

Casing: 13 3/8", 48#, H-40, ST&C, set @ 315' & cmted w/ 300 sx Class-G to surface.
 9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799' & cmted w/ 400 sx Lite & 200 sx Class-G.
 (103 jnts J-55, 40#, & 38 jnts N-80, 40#)
 7", 26#, N-80 & S-95, LT&C, set @ 10,198' & cmted w/ 180 sx Lite & 200 sx Class-G.
 (186 jnts N-80, 26#, & 64 jnts S-95, 26#)
 DV Tool @ 8,148' & Cmt w/ 590 sx Lite.

Liners: 5", 18#, N-80, flush joint, set @ 12,092', Liner Hanger @ 9,872'.
 Cmt w/ 50sx 50/50 POZ & 160 sx Class-G.

TOC behind 7" csg @ 5,120' (From CBL).
 TOC behind 9 5/8" csg @ 5,156' (Estimated).
 CIBP @ 8,080' w/ 2 sx sand 1/98.
 Cmt Retainer @ 8,907', cmt w/ 125 sx Class-G 1/98.
 Baker Model-C RBP @ 9,390' 8/88.
 CIBP @ 9,723' 6/88.

Tubing: 2 7/8", 6.5#, N-80, EUE (20 jnts @ 622')

Casing & Tubular Data

Description	Setting Depth (ft)	ID (inches)	Drift ID (inches)	Capacity (bbls/ft)	Burst (psig)	Collapse (psig)	Yield (lbs)
13 3/8", 48#, H-40, ST&C	315	12.715	12.559	0.15700	1,730	770	-
9 5/8", 40#, J-55, LT&C	-	8.835	8.679	0.07580	3,950	2,570	-
9 5/8", 40#, N-80, LT&C	5,799	8.835	8.679	0.07580	5,750	3,090	-
7", 26#, N-80, LT&C	-	6.276	6.151	0.03820	7,240	5,410	-
7", 26#, S-95, LT&C	10,198	6.276	6.151	0.03820	8,600	5,870	-
2 7/8", 6.5#, N-80, EUE	-	2.441	2.347	0.00579	10,570	11,160	144,960
3 1/2", 9.3#, J-55, EUE	Proposed	2.992	2.867	0.00870	6,980	7,400	142,460

Note: All depths are KB measurement.

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
 Altamont / Bluebell Field
 Duchesne County, Utah

The Coastal Corporation
Well Workover History

5/26/98

JZ

Date	Work Description
------	------------------

Note: Well history presented is after the P&A of this well & includes only the conversion workover history.

Jan, 1998

Well very waxy, RIH w/ 7" CR & 2 7/8" tbg, set CR @ 8,907', RU Halliburton, cmt w/ 125 sx (23.6 bbls) Class-G cmt, left 4.7 bbls cmt on top of CR, TOC @ 8,794', RU Schlumberger, RIH w/ CBL/GR/CCL, log from 8,794 to surface, TOC @ 5,120', RIH w/ GR/DSI/CNL, log from 8,794' to surface, kicked DSI out @ 3,500', RU Cutters, RIH w/ wireline set 7" CIBP & set @ 8,080' w/ 2 sx sand on top, teat 7" csg to 1,500 psig, OK, perf 6,610' - 6,820' w/ 900 holes, 225 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8" tbg, set @ 6,552', swab well, IFL @ 100', FFL @ 1,000', rec 222 BW in 5.5 hrs, pH @ 10 w/ ammonia smell, injected 21 BW: 3.5 bpm @ 1,200 psig, RIH w/ wireline set RBP, set @ 6,600', perf 6,490' - 6,576' w/ 344 holes, 86 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8" tbg, set @ 6,465', test csg to 1,000 psig, OK, swab well, IFL @ surf, FFL @ 6,459', rec 38 BW & 1 BO in 7 runs, pH @ 7, injected 30 BW: 3,800 to 2,600 psig @ 2 bpm, acidize perfs 6,490' - 6,576' w/ 10 bbls 15% HCl, spot acid & let soak, displace 8 bpm @ 4,700 psig, ISIP @ 2,600 psig, swab well, rec 54 BW in 8 runs, pH @ 7, 1 bph fluid entry, perf 6,440' - 6,480' w/ 160 holes, 40 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8" tbg, set @ 6,402', swab well, IFL @ surf, FFL @ 6,402', rec 38 BW & swab dry, pH @ 5, injected 30 BW: 2 bpm @ 2,500 psig, swab well rec 41 BW in 4 runs, pH @ 7, 1 bph fluid entry, rel pkr @ 6,402', ret RBP @ 6,600', RU Cutters, RIH w/ wireline set 7" RBP, set @ 6,200', perf 5,270' - 6,170' w/ 460 holes, 115 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8", set pkr @ 5,234', swab well, IFL @ surf, FFL @ 5,225', rec 30 BW in 4 runs, swab dry, injection: pressure to 2,000 psig & broke to 900 psig, pump 3.75 bpm @ 900 psig, swab well, rec 30 BW in 4 runs, pH @ 7, 1.5 bph fluid entry, injection: 3.5 bpm @ 1,500 psig, rel pkr & ret RBP, TOOH w/ tbg & tools, left 622' of 2 7/8" tbg in well.

Injection Perforations

5,270' - 6,170', 460 holes (3.5 BPM @ 1,500 psig)
 6,440' - 6,480', 160 holes (2.0 BPM @ 2,500 psig)
 6,490' - 6,576', 344 holes (2.0 BPM @ 2,600 psig)
 Acidize above perfs w/ 10 bbls 15% HCl acid.
 6,610' - 6,820', 900 holes (3.5 BPM @ 1,200 psig)

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
1,178' FEL & 1,178' FNL

Altamont Field
Duchesne County, Utah

Elev. GL @ 6,077'
Elev. KB @ 6,105' (28' KB)

Coastal Oil & Gas Corporation Existing Wellbore Diagram

5/26/98
JZ

Casing

13 3/8", 48#, H-40, ST&C, set @ 315'.
17 1/2" hole Cmt w/ 300 sx Class-G to surface.

9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799'.
12 1/4" hole Cmt w/ 400 sx Lite & 200 sx Class-G.
(103 jnts J-55, 40#, & 38 jnts N-80, 40#)
Note: 400 sx lite cmt possible top job.

7", 26#, N-80 & S-95, LT&C, set @ 10,198'.
8 1/2" hole Cmt w/ 180 sx Lite & 200 sx Class-G.
(186 jnts N-80, 26#, & 64 jnts S-95, 26#)
DV Tool @ 8,148' & Cmt w/ 590 sx Lite.

Csg leak @ 9,330', sqzed w/ 200 sx 5/74.

Liners

5", 18#, N-80, flush joint, set @ 12,092'.
Liner Hanger @ 9,872'.
6 1/8" hole Cmt w/ 50sx 50/50 POZ & 160 sx Class-G.

TOC behind 7" csg @ 5,120' (From CBL).
TOC behind 9 5/8" csg @ 5,156' (Estimated).

CIBP @ 8,080' w/ 2 sx sand 1/98.
Cmt Retainer @ 8,907', cmt w/ 125 sx Class-G 1/98.
Baker Model-C RBP @ 9,390' 8/88.
CIBP @ 9,723' 6/88.

Tubing

2 7/8", 6.5#, N-80, EUE (20 jnts @ 622')

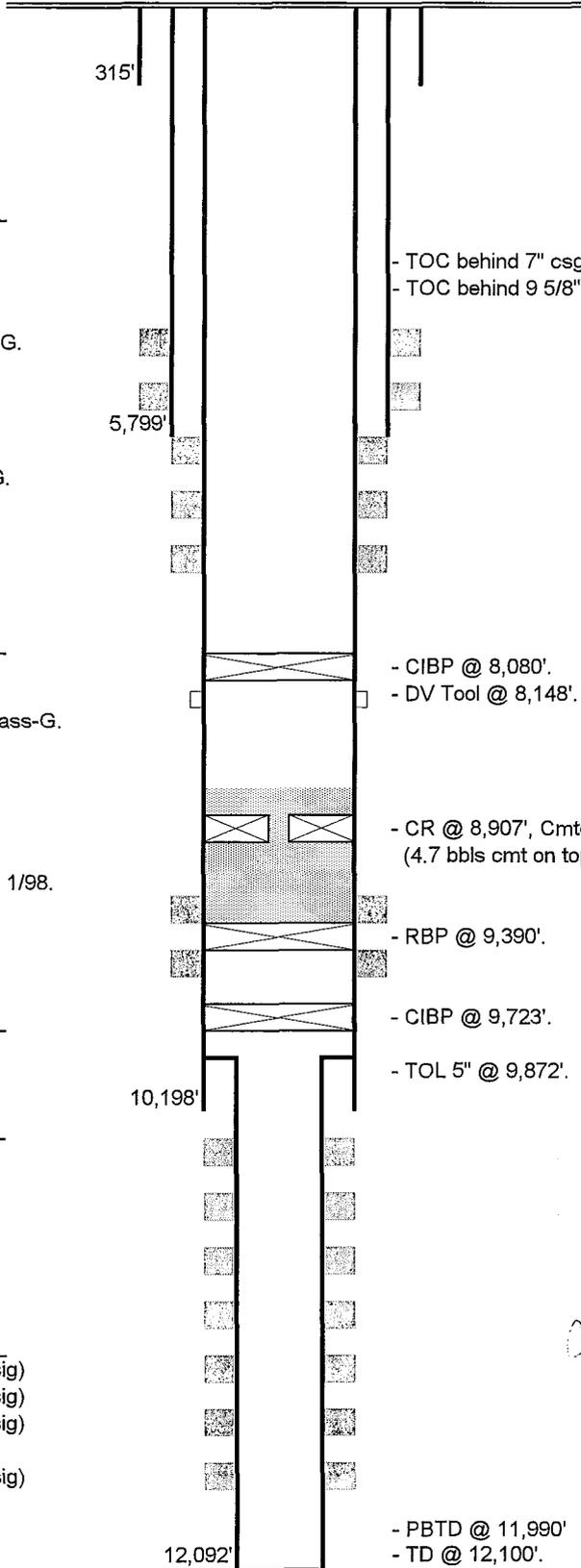
Original Completion Perforations

Lower Green River
9,000' - 9,451' (48 holes) 7/88
Wasatch
10,669' - 11,691' (164 holes) 6/74
10,214' - 11,548' (374 holes) 4/76

Injection Perforations

5,270' - 6,170', 460 holes (3.5 BPM @ 1,500 psig)
6,440' - 6,480', 160 holes (2.0 BPM @ 2,500 psig)
6,490' - 6,576', 344 holes (2.0 BPM @ 2,600 psig)
Acidize above perms w/ 10 bbls 15% HCl acid.
6,610' - 6,820', 900 holes (3.5 BPM @ 1,200 psig)

Note: All depths are KB measurement.



Current well bore

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
1,178' FEL & 1,178' FNL

Altamont Field
Duchesne County, Utah

Elev. GL @ 6,077'
Elev. KB @ 6,105' (28' KB)

Coastal Oil & Gas Corporation Proposed Injection Wellbore Diagram

5/26/98
JZ

Casing

13 3/8", 48#, H-40, ST&C, set @ 315'.
17 1/2" hole Cmt w/ 300 sx Class-G to surface.

9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799'.
12 1/4" hole Cmt w/ 400 sx Lite & 200 sx Class-G.
(103 jnts J-55, 40#, & 38 jnts N-80, 40#)
Note: 400 sx lite cmt possible top job.

7", 26#, N-80 & S-95, LT&C, set @ 10,198'.
8 1/2" hole Cmt w/ 180 sx Lite & 200 sx Class-G.
Proposed to cut off 7" csg @ 5,100'.

TOC behind 7" csg @ 5,120' (From CBL).
TOC behind 9 5/8" csg @ 5,156' (Estimated).

Proposed Tubing & Packer

3 1/2", 9.3#, J-55, EUE, 8R (Internally Coated)
3 1/2" SN
3 1/2" on/off tool
9 5/8" Arrow Set-1, set @ 4,000'
3 1/2" x 6' tbg sub
3 1/2" F-Type profile nipple

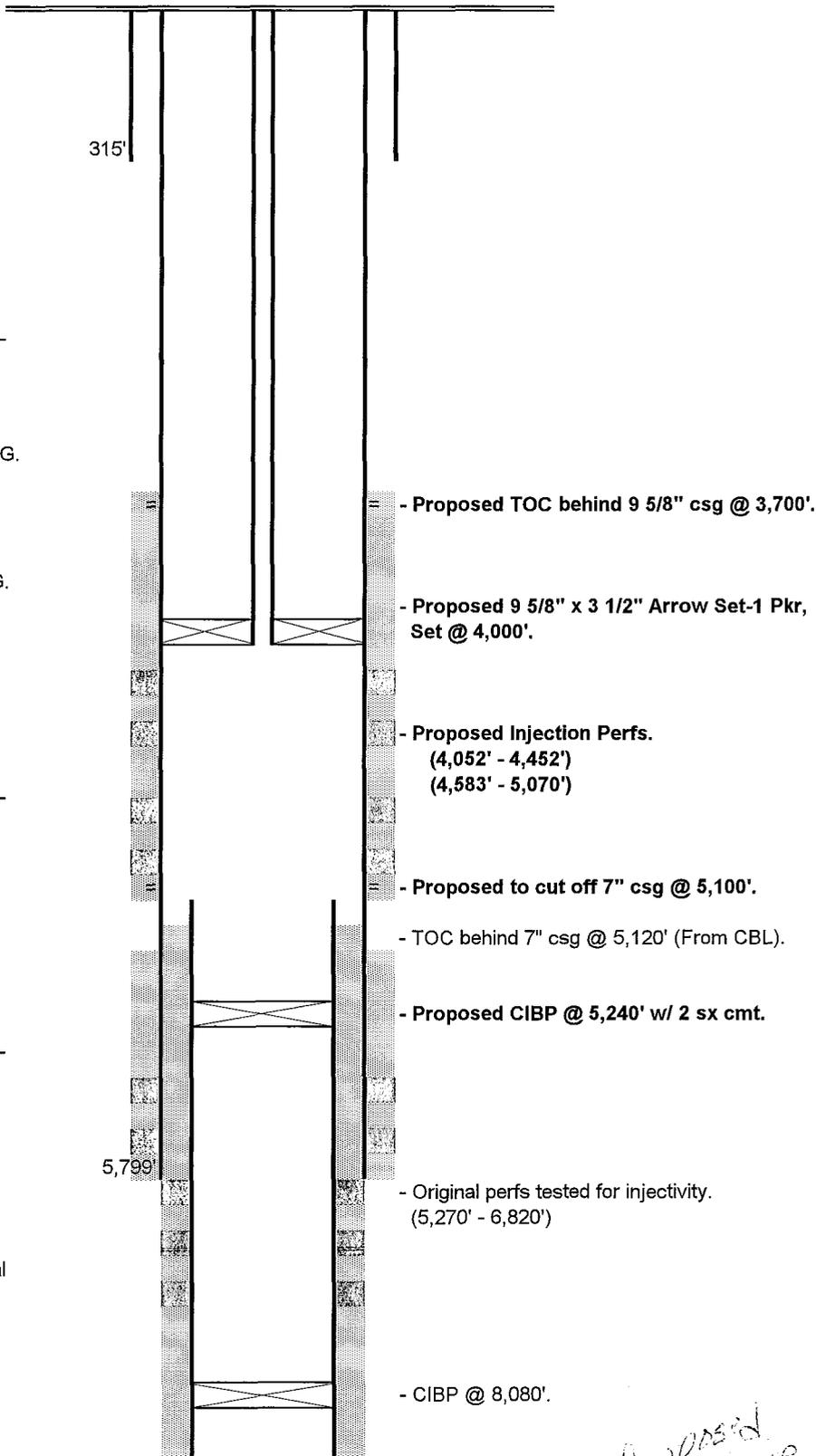
Proposed Injection Perforations

4,052' - 4,452', 88 intervals, 264 holes
4,583' - 5,070', 90 intervals, 270 holes

Proposed top of cement behind 9 5/8" csg
after remedial cement work @ 3,700'.

Note: See Existing Wellbore Diagram for Original
perforations & liner configuration.

Note: All depths are KB measurement.

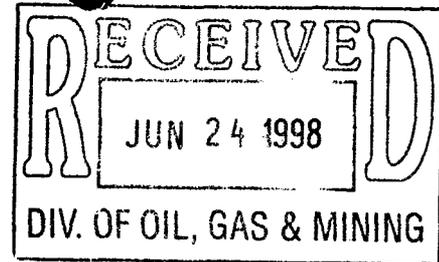


*Proposed
wellbore*



Coastal
The Energy People

June 23, 1998



UIC Permit Modification
Rhoades-Moon #1-36B5
EPA Permit # UT2818-04357
NENE Section 36-T2S-R5W
Duchesne County, Utah

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114

Mr. D. Hogle
U.S. Environmental Protection Agency
999 18th Street, Suite 500
Mail Code: 8P2-W-GW
Denver, Colorado 80202-2466

Dear Messrs. Jarvis & Hogle:

As you know, Coastal has recently attempted to convert the subject well to a water disposal well in the Upper Green River interval. Because these attempts were unsuccessful, Coastal now requests permission to attempt conversion and injection into the Uinta interval (as previously presented to the State of Utah and EPA by Steve Laney).

Listed below are the sections from the original application that are being modified by this request. All other information previously submitted is unchanged.

Geologic Data on Injection & Confining Zones:

The proposed salt water injection interval in the Rhoades-Moon #1-36B5 is 4,040'-5,150' on the Compensated Neutron/Dipole Sonic Imager log (Run #1, 1/13/98). This Uinta interval consists of interbedded sandstones, siltstones, shales, and carbonates. The perforations will target the sandstones and carbonates with potentially the best porosities. The shales and the lower porosity siltstones and carbonates are the confining zones. The Lake Fork #2-23B4 (Section 23-T2S-R4W) perforated numerous zones in this same stratigraphic interval and recovered formation waters with total dissolved solid values of 64,655 to 67,585 mg/l.

Formation Testing Program & Stimulation Program:

See the attached Well Completion Procedure.

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/672-1121

☐ ***Construction Details:***

See the attached Workover Data Sheet and Well Workover History for well data and history of the recent conversion attempts. See the Existing Wellbore Diagram and the Proposed Injection Wellbore Diagram for schematics of the present wellbore and the proposed injection wellbore.

☐ ***Plugging & Abandonment Plan:***

See the attached EPA Plugging & Abandonment Plan form and Proposed Plugging & Abandonment Diagram.

☐ ***Distribution of Permit Modification Information:***

Please note that copies of this request and corresponding information have also been sent to individuals listed on the attached Mailing List as attested to in the attached Affidavit of Mailing.

If you require any questions or require additional information, please contact me at (303) 573-4455.

Sincerely,



Sheila Bremer
Environmental & Safety Analyst

Attachments

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
Altamont Field
Duchesne County, Utah

**Coastal Oil & Gas Corporation
Well Completion Procedure**

5/26/98

JZ

Project: Pull 7" csg, cement 9 5/8" casing across proposed perforation interval, & test potential intervals for injectivity.

Completion Procedure

- 1) MIRU, ND WH, NU BOP, TOO H w/ 622' of 2 7/8" tbg, RU wireline company, RIH w/ 7" CIBP & set @ 5,240', dump bail 2 sx cmt on top of CIBP, test CIBP to 2,000 psig.
Note: Need to set CIBP above upper most perf @ 5,270'.
- 2) MI csg pullers, ND tbg BOP, NU csg BOP, RU csg jacks, RU Cutters & RIH w/ Jet Cutter for 7", 26# csg & cut off 7" csg @ 5100', TOO H & LD 7" csg, ND csg BOP, NU tbg BOP, RD csg pullers.
- 3) RIH w/ CBL \ GR \ CCL logging tools & log well from 5,100' to surface to identify cmt integrity behind 9 5/8" csg.
Note: Fax CBL to Denver Engineering ASAP.
Sqz perms in the next step depends on results of CBL. For procedure sake we will assume that the estimated TOC behind the 9 5/8" csg is at 5,156'. If the 400 sx lite cmt was actually a top job, the estimated TOC behind the 9 5/8" csg is reasonable.
- 4) RIH w/ 4" perf gun & perf 4 sqz holes @ 5,095' & 4 sqz holes @ 3,700' in the 9 5/8" csg.
Note: Necessity & location of sqz holes depends on CBL for the 9 5/8" csg & may vary in depth.
- 5) PU & RIH w/ 9 5/8" cement retainer on 2 7/8", 6.5#, N-80 tbg, set CR @ 3,725'.
Note: Tally is very important, must set CR below sqz holes @ 3,700'.
- 6) RU cementers & break circ dn tbg back to surface via tbg/csg annulus, circ hole for 1 hour, cement csg w/ 595 sx Class-G cmt as per the recommended cementing procedure. Pump 595 sx Class-G cmt (122.8 bbbls cmt slurry), & displace w/ 117.8 BW, pull out of CR & TOO H to 3,600', rev circ hole clean, TOO H w/ tbg, SWI & WOC.
Note: Refer to attached cementing diagram.
- 7) RIH w/ 8 5/8" mill on 2 7/8", 6.5#, N-80 tbg & drill out CR @ 3,725' & cmt down to 5,100', test csg to 1,500 psig, TOO H w/ mill & tbg.
Note: Upper sqz holes must hold integrity. If no test, call Denver engineering for further sqz orders.
- 8) RU wireline company, run CBL \ GR \ CCL log across cemented interval from 5,100' - 3,600'.
- 9) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-I (Unita Fm @ 4,583' - 5,070', 90 intervals, 270 shots).
Note: Use Schlumberger Compensated Neutron / Dipole Sonic Imager dated 1/13/98 for perforation correlation.
Record all fluid levels & entries.
- 10) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 4,520', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.

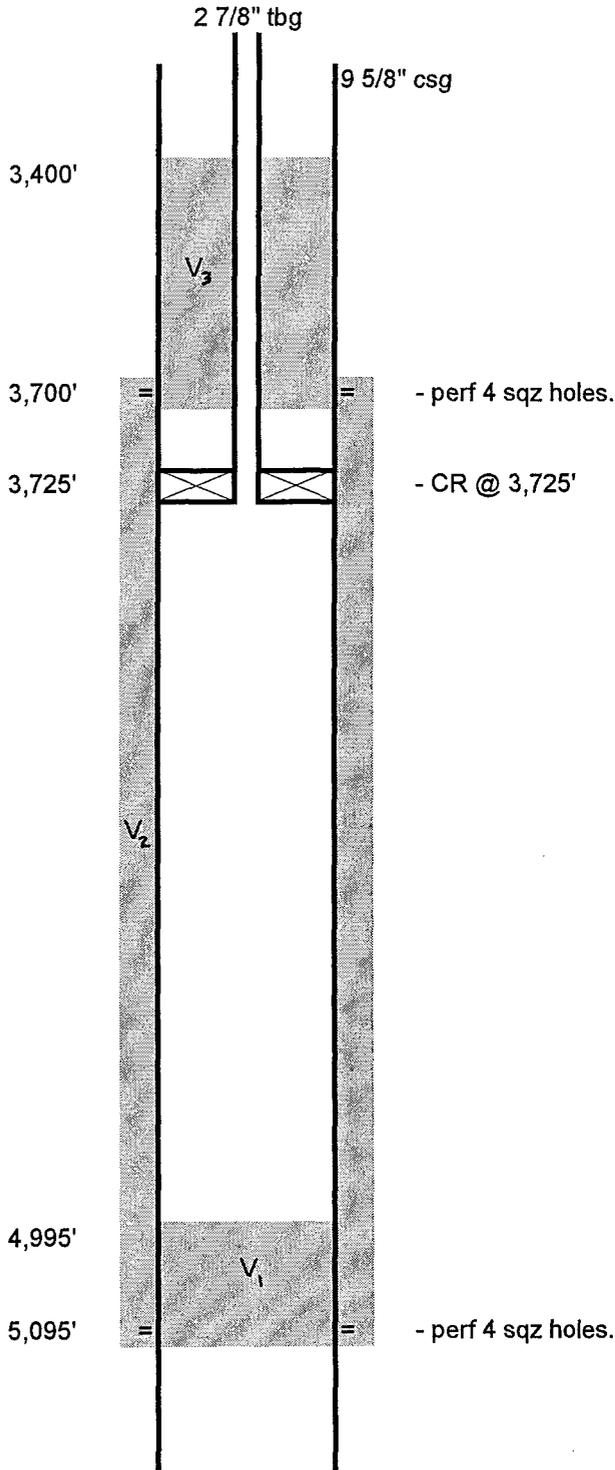
- 11) Release 9 5/8" pkr @ 4,520', TOO H w/ 2 7/8" tbg & pkr.
Note: If test results are acceptable, proceed to Step -15.
If test results are not acceptable, proceed to Step -12.
- 12) RIH w/ 4" csg gun & perforate w/ 3 spf, 120 deg phasing, as per the attached perforation recommendation for Phase-II (Unita Fm @ 4,052' - 4,452', 88 intervals, 264 shots).
Note: Use Schlumberger Compensated Neutron / Dipole Sonic Imager dated 1/13/98 for perforation correlation.
Record all fluid levels & entries.
- 13) RIH w/ 9 5/8" RBP, retrieving head, & 9 5/8" pkr on 2 7/8" tbg, set RBP @ 4,560', set pkr @ 4,000', RU swab & swab well, catch water samples for chemical analysis, pump into interval for injectivity test.
Note: At this point a decision could be made to acidize the interval.
- 14) Release 9 5/8" pkr @ 4,000', RIH & retrieve 9 5/8" RBP @ 4,560', TOO H w/ 2 7/8" tbg, pkr, & RBP.
- 15) RIH w/ 3 1/2" F-Type profile nipple, 3 1/2" x 6' tbg sub, 9 5/8" 40# Arrow Set-1 inj pkr, 3 1/2" on/off tool, 3 1/2" SN on 3 1/2", 9.3#, J-55 internally coated tbg, land pkr @ 4,000', ND BOP, pump pkr fluid dn csg annulus, set pkr in tension, NU WH, SWI, RDMO.
- 16) Call Utah OG&M and EPA, schedule for a mechanical casing integrity test.

Note: If the proposed Phase-I perforation interval proves to be an acceptable injection zone, the Phase-II perforations will not be performed & the 9 5/8" injection packer will be set @ 4,520'.

Rhodes Moon #1- 36B5
 NE NE Sec.36, T2S, R5W
 Altamont Field
 Duchesne County, Utah

Coastal Oil & Gas Corporation
 Remedial Cementing Diagram

5/26/98
 JZ



Cement Volumes:

$V_1 = (100')(.0758) = 7.58 \text{ bbls cmt}$

$V_2 = (5095'-3700')(.0558) = 77.84 \text{ bbls cmt}$

Using a 1.25 fill factor

$V_2 = 97.30 \text{ bbls cmt}$

$V_3 = (3700'-3400')(.0598) = 17.94 \text{ bbls}$

Total Cement Volume = 122.82 bbls = 689.63 cu.ft.

Using Class-G cmt yields 1.16 cu.ft./sx

Cement Required = 690/1.16 = 595 sx

Displacement:

Displace tbg = (3725')(0.00579) = 21.57 bbls

Displace csg = (4995'-3725')(.0758) = 96.27 bbls

Total Displacement = 117.84 bbls

Note: Displace cement to within 100' of btm sqz holes.

Capacities:	2 7/8", 6.5# tbg @ 0.00579 bbls/ft.
	9 5/8", 40# csg @ 0.0758 bbls/ft.
	9 5/8" csg x 12 1/4" hole @ 0.0558 bbls/ft.
	2 7/8" tbg x 9 5/8" csg @ 0.0598 bbls/ft.

*Remedial Cement
 Program*

GREATER ALTAMONT FIELD

**RHOADES #1-36B5
Section 36, T2S - R5W
Duchesne County, Utah**

Uinta Disposal Perforations - Phase 1

Schlumberger Compensated Neutron / Dipole Sonic Imager Run #1 (1/13/98)		
4,583	4,762	4,958
4,586	4,763	4,962
4,594	4,793	4,972
4,598	4,797	4,974
4,602	4,808	4,976
4,609	4,812	4,978
4,618	4,813	4,980
4,620	4,819	4,982
4,627	4,824	4,984
4,632	4,829	4,986
4,634	4,834	4,988
4,638	4,840	4,990
4,644	4,848	4,992
4,646	4,853	4,994
4,662	4,857	4,996
4,668	4,894	4,998
4,670	4,900	5,000
4,672	4,902	5,002
4,674	4,908	5,006
4,682	4,911	5,012
4,688	4,916	5,014
4,690	4,918	5,016
4,696	4,923	5,023
4,714	4,926	5,025
4,716	4,934	5,034
4,719	4,935	5,038
4,730	4,940	5,040
4,736	4,941	5,052
4,745	4,946	5,056
4,751	4,950	5,070

90 ZONES

S. H. Laney

5/13/98

GREATER ALTAMONT FIELD

**RHOADES #1-36B5
Section 36, T2S - R5W
Duchesne County, Utah**

Uinta Disposal Perforations - Phase 2

Schlumberger Compensated Neutron / Dipole Sonic Imager Run #1 (1/13/98)		
4,052	4,228	4,400
4,053	4,232	4,416
4,062	4,240	4,421
4,071	4,245	4,425
4,073	4,252	4,437
4,077	4,257	4,444
4,093	4,265	4,448
4,095	4,273	4,450
4,107	4,277	4,452
4,112	4,286	4,459
4,116	4,288	4,463
4,123	4,295	4,468
4,129	4,297	4,470
4,131	4,316	4,481
4,141	4,321	4,485
4,143	4,323	4,488
4,145	4,335	4,494
4,157	4,342	4,498
4,159	4,344	4,502
4,161	4,351	4,509
4,176	4,353	4,510
4,178	4,365	4,516
4,180	4,375	4,522
4,184	4,376	4,524
4,191	4,378	4,532
4,193	4,380	4,534
4,202	4,386	4,536
4,208	4,388	4,538
4,213	4,393	4,542
4,224		

88 ZONES

S. H. Laney

5/13/98

Rhoades Moon #1- 36B5Altamont Field
Duchesne County, Utah**Coastal Oil & Gas Corporation
Well Data Sheet**5/26/98
JZ**Well Data**

Location: NE NE Sec.36, T2S, R5W (1,178' FEL & 1,178' FNL)
 WI: 99.840140% Cost Lease No. 13733
 NRI: NA
 Elevation: GL @ 6,077', KB @ 6,105' (28' KB)
 Total Depth: 12,100', PBSD @ 11,990', CICR @ 8,080'.
 Well Status: TA

Casing: 13 3/8", 48#, H-40, ST&C, set @ 315' & cmted w/ 300 sx Class-G to surface.
 9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799' & cmted w/ 400 sx Lite & 200 sx Class-G.
 (103 jnts J-55, 40#, & 38 jnts N-80, 40#)
 7", 26#, N-80 & S-95, LT&C, set @ 10,198' & cmted w/ 180 sx Lite & 200 sx Class-G.
 (186 jnts N-80, 26#, & 64 jnts S-95, 26#)
 DV Tool @ 8,148' & Cmt w/ 590 sx Lite.

Liners: 5", 18#, N-80, flush joint, set @ 12,092', Liner Hanger @ 9,872'.
 Cmt w/ 50sx 50/50 POZ & 160 sx Class-G.

TOC behind 7" csg @ 5,120' (From CBL).
 TOC behind 9 5/8" csg @ 5,156' (Estimated).
 CIBP @ 8,080' w/ 2 sx sand 1/98.
 Cmt Retainer @ 8,907', cmt w/ 125 sx Class-G 1/98.
 Baker Model-C RBP @ 9,390' 8/88.
 CIBP @ 9,723' 6/88.

Tubing: 2 7/8", 6.5#, N-80, EUE (20 jnts @ 622')

Casing & Tubular Data

Description	Setting Depth (ft)	ID (inches)	Drift ID (inches)	Capacity (bbls/ft)	Burst (psig)	Collapse (psig)	Yield (lbs)
13 3/8", 48#, H-40, ST&C	315	12.715	12.559	0.15700	1,730	770	-
9 5/8", 40#, J-55, LT&C	-	8.835	8.679	0.07580	3,950	2,570	-
9 5/8", 40#, N-80, LT&C	5,799	8.835	8.679	0.07580	5,750	3,090	-
7", 26#, N-80, LT&C	-	6.276	6.151	0.03820	7,240	5,410	-
7", 26#, S-95, LT&C	10,198	6.276	6.151	0.03820	8,600	5,870	-
2 7/8", 6.5#, N-80, EUE	-	2.441	2.347	0.00579	10,570	11,160	144,960
3 1/2", 9.3#, J-55, EUE	Proposed	2.992	2.867	0.00870	6,980	7,400	142,460

Note: All depths are KB measurement.

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
 Altamont / Bluebell Field
 Duchesne County, Utah

The Coastal Corporation
Well Workover History

5/26/98

JZ

Date Work Description

Note: Well history presented is after the P&A of this well & includes only the conversion workover history.

Jan, 1998

Well very waxy, RIH w/ 7" CR & 2 7/8" tbg, set CR @ 8,907', RU Halliburton, cmt w/ 125 sx (23.6 bbls) Class-G cmt, left 4.7 bbls cmt on top of CR, TOC @ 8,794', RU Schlumberger, RIH w/ CBL/GR/CCL, log from 8,794 to surface, TOC @ 5,120', RIH w/ GR/DSI/CNL, log from 8,794' to surface, kicked DSI out @ 3,500', RU Cutters, RIH w/ wireline set 7" CIBP & set @ 8,080' w/ 2 sx sand on top, test 7" csg to 1,500 psig, OK, perf 6,610' - 6,820' w/ 900 holes, 225 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8" tbg, set @ 6,552', swab well, IFL @ 100', FFL @ 1,000', rec 222 BW in 5.5 hrs, pH @ 10 w/ ammonia smell, injected 21 BW: 3.5 bpm @ 1,200 psig, RIH w/ wireline set RBP, set @ 6,600', perf 6,490' - 6,576' w/ 344 holes, 86 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8" tbg, set @ 6,465', test csg to 1,000 psig, OK, swab well, IFL @ surf, FFL @ 6,459', rec 38 BW & 1 BO in 7 runs, pH @ 7, injected 30 BW: 3,800 to 2,600 psig @ 2 bpm, acidize perfs 6,490' - 6,576' w/ 10 bbls 15% HCl, spot acid & let soak, displace 8 bpm @ 4,700 psig, ISIP @ 2,600 psig, swab well, rec 54 BW in 8 runs, pH @ 7, 1 bph fluid entry, perf 6,440' - 6,480' w/ 160 holes, 40 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8" tbg, set @ 6,402', swab well, IFL @ surf, FFL @ 6,402', rec 38 BW & swab dry, pH @ 5, injected 30 BW: 2 bpm @ 2,500 psig, swab well rec 41 BW in 4 runs, pH @ 7, 1 bph fluid entry, rel pkr @ 6,402', ret RBP @ 6,600', RU Cutters, RIH w/ wireline set 7" RBP, set @ 6,200', perf 5,270' - 6,170' w/ 460 holes, 115 ft, 4 spf, 120 deg. phasing, RIH w/ 7" pkr on 2 7/8", set pkr @ 5,234', swab well, IFL @ surf, FFL @ 5,225', rec 30 BW in 4 runs, swab dry, injection: pressure to 2,000 psig & broke to 900 psig, pump 3.75 bpm @ 900 psig, swab well, rec 30 BW in 4 runs, pH @ 7, 1.5 bph fluid entry, injection: 3.5 bpm @ 1,500 psig, rel pkr & ret RBP, TOOH w/ tbg & tools, left 622' of 2 7/8" tbg in well.

Injection Perforations

5,270' - 6,170', 460 holes (3.5 BPM @ 1,500 psig)

6,440' - 6,480', 160 holes (2.0 BPM @ 2,500 psig)

6,490' - 6,576', 344 holes (2.0 BPM @ 2,600 psig)

Acidize above perfs w/ 10 bbls 15% HCl acid.

6,610' - 6,820', 900 holes (3.5 BPM @ 1,200 psig)

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
1,178' FEL & 1,178' FNL
Altamont Field
Duchesne County, Utah

Elev. GL @ 6,077'
Elev. KB @ 6,105' (28' KB)

Coastal Oil & Gas Corporation Existing Wellbore Diagram

5/26/98
JZ

Casing

13 3/8", 48#, H-40, ST&C, set @ 315'.
17 1/2" hole Cmt w/ 300 sx Class-G to surface.

9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799'.
12 1/4" hole Cmt w/ 400 sx Lite & 200 sx Class-G.
(103 jnts J-55, 40#, & 38 jnts N-80, 40#)
Note: 400 sx lite cmt possible top job.

7", 26#, N-80 & S-95, LT&C, set @ 10,198'.
8 1/2" hole Cmt w/ 180 sx Lite & 200 sx Class-G.
(186 jnts N-80, 26#, & 64 jnts S-95, 26#)
DV Tool @ 8,148' & Cmt w/ 590 sx Lite.

Csg leak @ 9,330', sqzcd w/ 200 sx 5/74.

Liners

5", 18#, N-80, flush joint, set @ 12,092'.
Liner Hanger @ 9,872'.
6 1/8" hole Cmt w/ 50sx 50/50 POZ & 160 sx Class-G.

TOC behind 7" csg @ 5,120' (From CBL).
TOC behind 9 5/8" csg @ 5,156' (Estimated).

CIBP @ 8,080' w/ 2 sx sand 1/98.
Cmt Retainer @ 8,907', cmt w/ 125 sx Class-G 1/98.
Baker Model-C RBP @ 9,390' 8/88.
CIBP @ 9,723' 6/88.

Tubing

2 7/8", 6.5#, N-80, EUE (20 jnts @ 622')

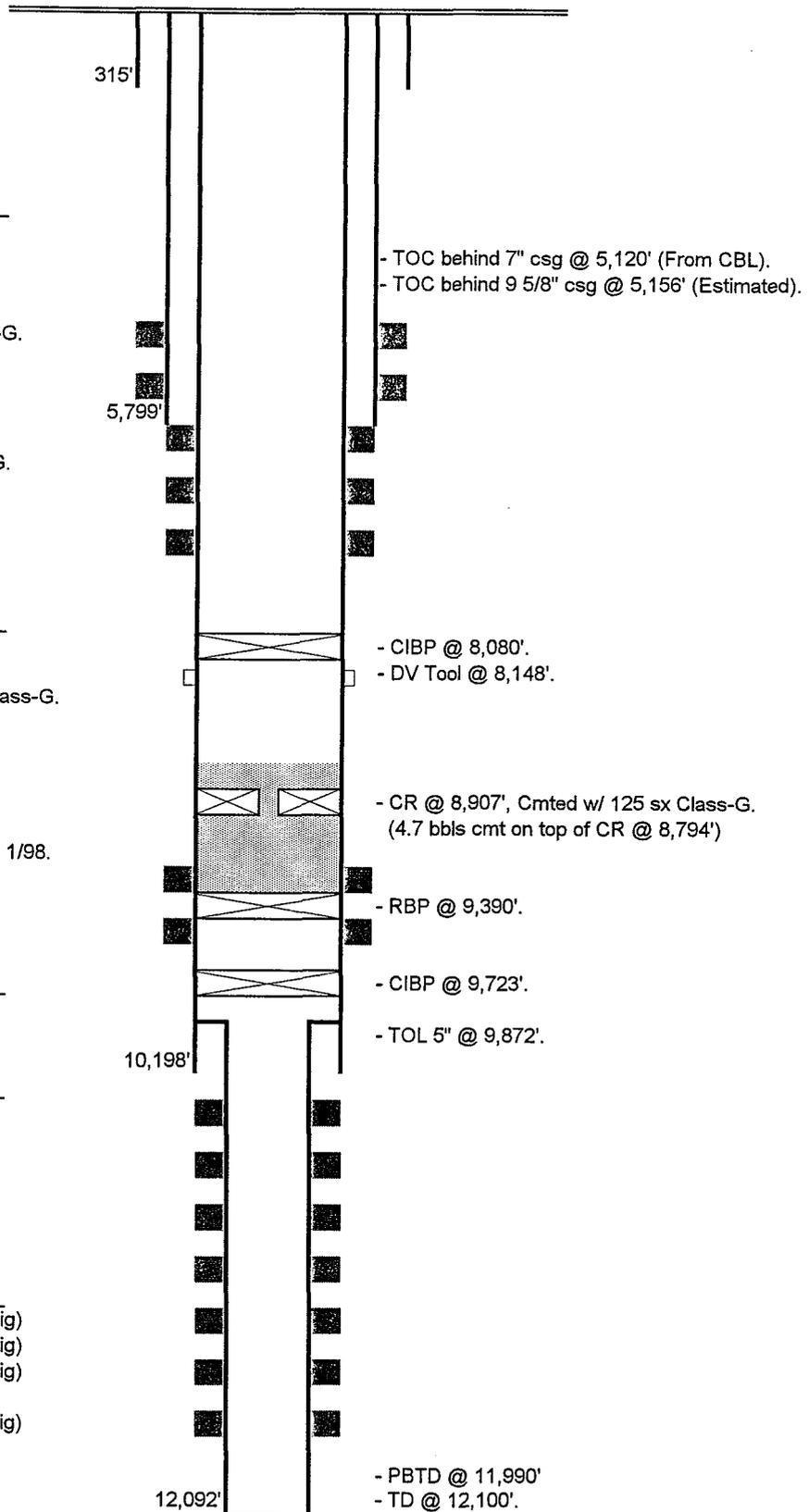
Original Completion Perforations

Lower Green River
9,000' - 9,451' (48 holes) 7/88
Wasatch
10,669' - 11,691' (164 holes) 6/74
10,214' - 11,548' (374 holes) 4/76

Injection Perforations

5,270' - 6,170', 460 holes (3.5 BPM @ 1,500 psig)
6,440' - 6,480', 160 holes (2.0 BPM @ 2,500 psig)
6,490' - 6,576', 344 holes (2.0 BPM @ 2,600 psig)
Acidize above perms w/ 10 bbls 15% HCl acid.
6,610' - 6,820', 900 holes (3.5 BPM @ 1,200 psig)

Note: All depths are KB measurement.



Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
1,178' FEL & 1,178' FNL

Altamont Field
Duchesne County, Utah

Elev. GL @ 6,077'
Elev. KB @ 6,105' (28' KB)

**Coastal Oil & Gas Corporation
Proposed Injection Wellbore Diagram**

5/26/98
JZ

Casing

13 3/8", 48#, H-40, ST&C, set @ 315'.
17 1/2" hole Cmt w/ 300 sx Class-G to surface.

9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799'.
12 1/4" hole Cmt w/ 400 sx Lite & 200 sx Class-G.
(103 jnts J-55, 40#, & 38 jnts N-80, 40#)
Note: 400 sx lite cmt possible top job.

7", 26#, N-80 & S-95, LT&C, set @ 10,198'.
8 1/2" hole Cmt w/ 180 sx Lite & 200 sx Class-G.
Proposed to cut off 7" csg @ 5,100'.

TOC behind 7" csg @ 5,120' (From CBL).
TOC behind 9 5/8" csg @ 5,156' (Estimated).

Proposed Tubing & Packer

3 1/2", 9.3#, J-55, EUE, 8R (Internally Coated)
3 1/2" SN
3 1/2" on/off tool
9 5/8" Arrow Set-1, set @ 4,000'
3 1/2" x 6' tbg sub
3 1/2" F-Type profile nipple

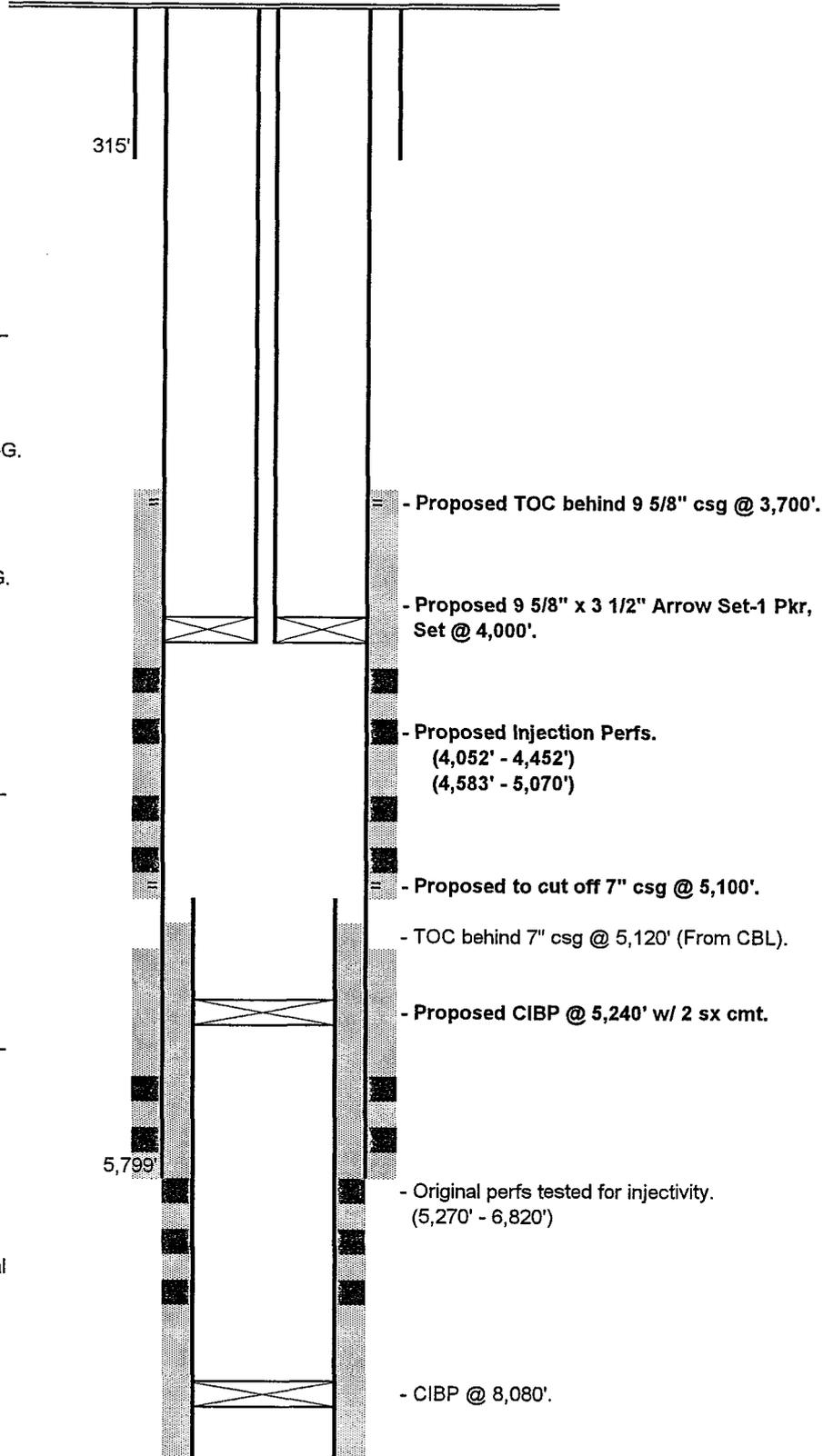
Proposed Injection Perforations

4,052' - 4,452', 88 intervals, 264 holes
4,583' - 5,070', 90 intervals, 270 holes

**Proposed top of cement behind 9 5/8" csg
after remedial cement work @ 3,700'.**

Note: See Existing Wellbore Diagram for Original
perforations & liner configuration.

Note: All depths are KB measurement.



EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING AND ABANDONMENT PLAN

WELL NAME & NUMBER, FIELD NAME, LEASE NAME & NO.

Rhoades-Moon #1-36B5
Section 36-T2S-R5W
Altamont Field
Duchesne Co., UT

NAME, ADDRESS & PHONE NUMBER OF OWNER/OPERATOR

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749

LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT - 640 ACRES

STATE
Utah

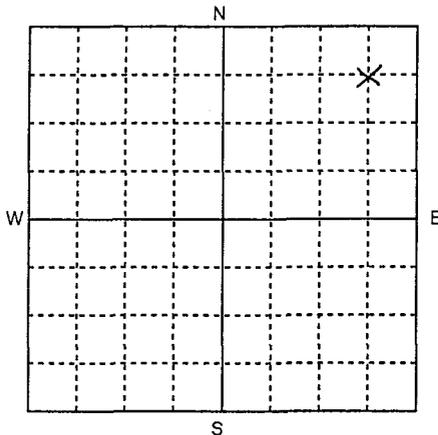
COUNTY
Duchesne

STATE PERMIT NUMBER
43-013-30289

SURFACE LOCATION DESCRIPTION
NENE Section 36-T2S-R5W

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 1178 ft. from (N/S) N Line of Quarter Section
And 1178 ft. from (E/W) E Line of Quarter Section



TYPE OF AUTHORIZATION

- Individual
- Rule
- Area Permit

Number of Wells
In Area Permit 1

U.S. EPA Permit Number _____

WELL
ACTIVITY

- Class I
 - Hazardous
 - Nonhazardous
- Class II
 - Brine Disposal
 - Enhanced Recovery
 - Hydrocarbon Storage
- Class III
- Class V

CASING/TUBING/CEMENT RECORD AFTER PLUGGING AND ABANDONMENT

Size	Wt. (lb & ft) TBG/CSG	Original Amount (CSG) (ft.)	CSG to be left in Wall (ft.)	Hole Size (m)	Sacks Cement Used	Type
13-3/8	48#	315'	315'	17-1/2"	300 sx	C1. G
9-5/8	40#	5,799'	5,799'	12-1/4"	600 sx	Lite/G
7	26#	10,198'	5,098'	8-3/4"	970 sx	Lite/G
5	18#	2,220'	2,220'	6-1/4"	210 sx	Lite/G

METHOD OF EMPLACEMENT
OF CEMENT PLUGS

- The Balance Method
- The Dump Bailer Method
- The Two Plug Method
- Other, Explain: _____

CEMENT TO PLUG AND ABANDON DATA:

	Plug # 1	Plug # 2	Plug # 3	Plug # 4	Plug # 5	Plug # 6	Plug # 7
Size of Hole or Pipe in Which Plug Will Be Placed (inches)	9-5/8"	13-3/8"	9-5/8"				
Calculated Top of Plug (ft.)	3,817'	Surface	Surface				
Measured Top of Plug (ft.)	3,817'	Surface	Surface				
Depth to Bottom of Plug (ft.)	5,070'	300'	300'				
Sacks of Cement to be Used	450	100	115				
Slurry Volume to be Used (cu. ft.)	518	115	132				
Slurry Weight (lb./gal.)	15.8	15.8	15.8				
Type of Cement, Spacer or Other Material Used	C1. G	C1. G	C1. G				
Type of Preflush Used	Water	Water	Water				

DESCRIPTION OF PLUGGING PROCEDURE

Set 9-5/8" cmt retainer @ 3952' on 2-7/8" tbg, pump 400 sx Class G cmt below CICR & spot 50 sx cmt on top of CICR. Pump 100 sx Class G cmt down 9-5/8" x 13-3/8" csg annulus. Remove wellhead, RIH w/2-7/8" tbg, pump 115 sx Class G balanced cmt plug from 300' to surface. Install P&A marker. Note: Possible 400 sx top job already done on 9-5/8" x 13-3/8" annulus & will confirm with proposed CBL.

ESTIMATED COST OF PLUGGING ABANDONMENT

Cement	\$ 16,000	Cast Iron Bridge Plug	\$
Logging	\$	Cement Retainer	\$ 1,500
Rig or Pulling Unit	\$ 6,000	Miscellaneous	\$ 1,500

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible of obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)

Sheila Bremer, Environmental Analyst

SIGNATURE

DATE SIGNED

6/23/98

ORIGINAL WELL CONSTRUCTION DURING OPERATION

PLUGGING AND ABANDONMENT CONSTRUCTION

See Existing Wellbore Diagram (Enclosed) Surface

See Proposed P&A Diagram (Enclosed) Surface

Top Of Cement _____ (ft.)

Surface Casing _____ (ft.)

USDW Base _____ (ft.)

Top Of Cement _____ (ft.)

* Intermediate Casing _____ (ft.)

Top Of Cement _____ (ft.)

Packer Depth _____ (ft.)

Perforations: _____

Long String Casing _____ (ft.)

Hole Size _____ (in.)

* Depth _____ (ft.)

** Add Any Additional Information
* May Not Apply

Top Plug Interval _____ (ft.) to _____ (ft.)

* USDW Base Plug Interval _____ (ft.) to _____ (ft.)

* Intermediate Cut/Rip Point Plug Interval _____ (ft.) to _____ (ft.)

* Middle Plug Interval _____ (ft.) to _____ (ft.)

* Long String Cut/Rip Point Plug Interval _____ (ft.) to _____ (ft.)

Bottom Plug Depth _____ (ft.) to _____ (ft.)

* Mechanical Plug Depth _____ (ft.)

** Add Any Additional Information
* May Not Apply

Surface Casing _____ (ft.)

USDW Base _____ (ft.)

* Intermediate Cut/Rip Depth _____ (ft.)

* Intermediate Casing _____ (ft.)

* Long String Cut/Rip Depth _____ (ft.)

Long String Casing _____ (ft.)

* Depth _____ (ft.)

LIST OF ALL OPEN AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED

Specify Open Hole/Perforations/Varied Casing	From	To	Formation Name
See Proposed P&A Diagram.			

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
 1,178' FEL & 1,178' FNL
 Altamont Field
 Duchesne County, Utah

**Coastal Oil & Gas Corporation
 Proposed Plugging & Abandonment Diagram**

6/18/98
 JZ

Elev. GL @ 6,077'
 Elev. KB @ 6,105' (28' KB)

Casing

13 3/8", 48#, H-40, ST&C, set @ 315'.
 17 1/2" hole Cmt w/ 300 sx Class-G to surface.

9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799'.
 12 1/4" hole Cmt w/ 400 sx Lite & 200 sx Class-G.
 Note: 400 sx lite cmt possible top job.

7", 26#, N-80 & S-95, LT&C, set @ 10,198'.
 8 1/2" hole Cmt w/ 180 sx Lite & 200 sx Class-G.
 DV Tool @ 8,148' & Cmt w/ 590 sx Lite.
 Proposed to cut off 7" csg @ 5,100'.

TOC behind 7" csg @ 5,120' (From CBL).
 TOC behind 9 5/8" csg @ 5,156' (Estimated).

Liners

5", 18#, N-80, flush joint, set @ 12,092'.
 Liner Hanger @ 9,872'.
 6 1/8" hole Cmt w/ 50sx 50/50 POZ & 160 sx Class-G.

Proposed CIBP @ 5,240' w/ 2 sx cmt.
 CIBP @ 8,080' w/ 2 sx sand 1/98.
 Cmt Retainer @ 8,907', cmt w/ 125 sx Class-G 1/98.
 Baker Model-C RBP @ 9,390' 8/88.
 CIBP @ 9,723' 6/88.

Original Completion Perforations

Lower Green River 9,000' - 9,451'
 Wasatch 10,214' - 11,691'

Original Injection Perforations

5,270' - 6,170', 6,440' - 6,480',
 6,490' - 6,576', 6,610' - 6,820'.

Proposed Injection Perforations

4,052' - 4,452', 88 intervals, 264 holes
 4,583' - 5,070', 90 intervals, 270 holes

Proposed P&A Procedure

Cement Plug #1:

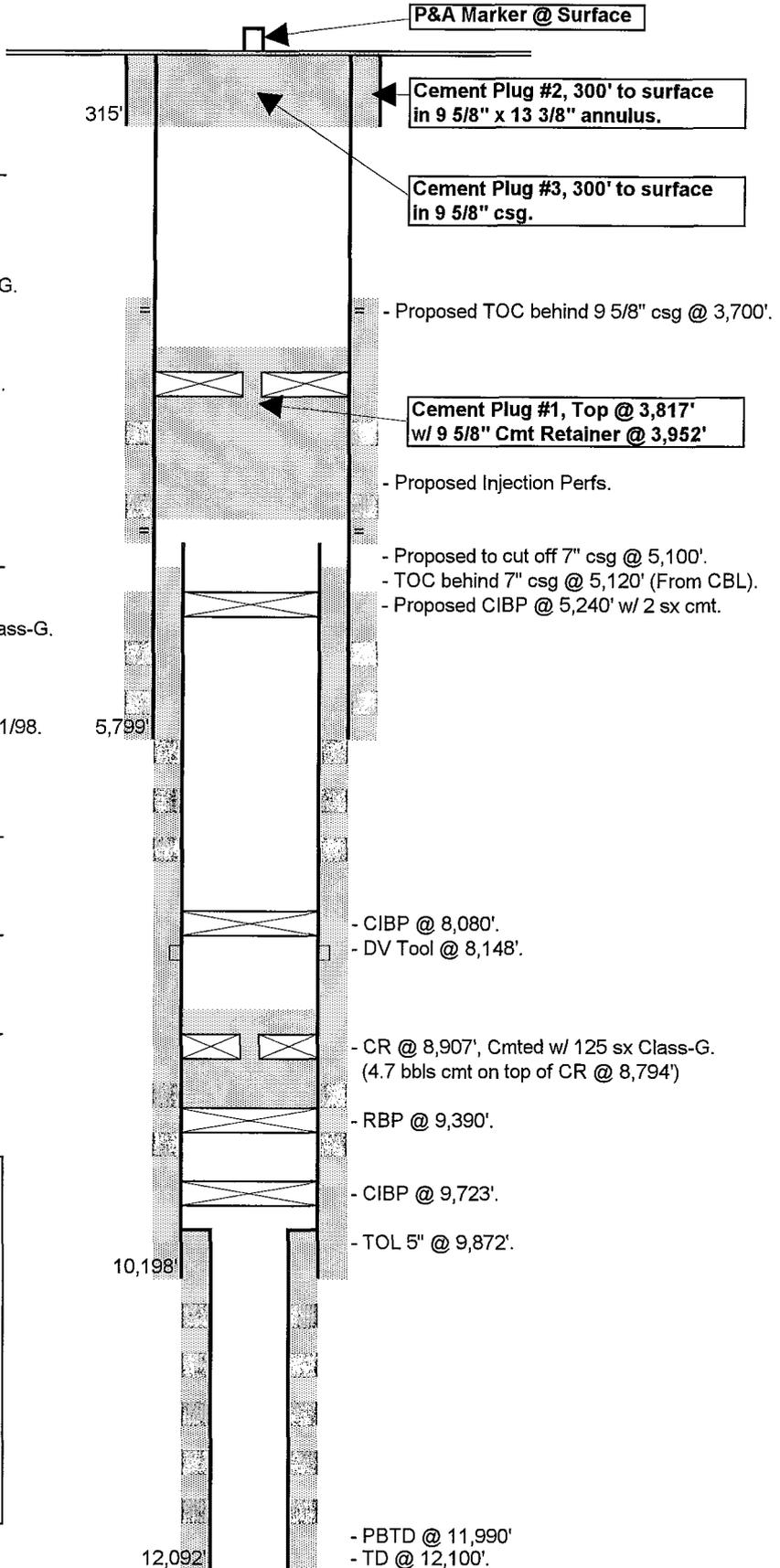
Set 9 5/8" CICR @ 3,952' on 2 7/8" tbg, pump
 400 sx Class-G cmt below CICR & spot 50 sx
 cmt on top of CICR.

Cement Plug #2:

Pump a 100 sx Class-G cmt plug down 9 5/8"
 x 13 3/8" csg annulus from 300' to surface.
 Note: Possible 400 sx top job already done
 & will be confirmed by proposed CBL in 9 5/8".

Cement Plug #3:

Remove wellhead, pump a 115 sx Class-G
 balanced cmt plug from 300' to surface in
 the 9 5/8" csg, set P&A marker.



Note: All depths are KB measurement.

MAILING LIST
RHOADES-MOON #1-36B5
UNDERGROUND WATER DISPOSAL APPLICATION

State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Mr. Ferron Secakuku
Ute Tribe
Energy & Minerals Resource Department
P.O. Box 70
Ft. Duchesne, Utah 74026

Mr. Charles H. Cameron
Bureau of Indian Affairs
Uintah & Ouray Agency
Office of Minerals & Mining
P.O. Box 130
Ft. Duchesne, Utah 84026

Mr. Norman Cambridge
Bureau of Indian Affairs
Uintah & Ouray Agency
Branch of Real Estate Services
P.O. Box 130
Ft. Duchesne, Utah 84026

Bernell Rhoades
P.O. Box 374
Tabiona, Utah 84072

Marilyn Lee
c/o Bernell Rhoades
P.O. Box 374
Tabiona, Utah 84072

Joanne Gines
357 East 4090 South
Murray, Utah 84107

Jay & Jolene Archibald
P.O. Box 25
Fruitland, Utah 84027

Donna Morrison
c/o Twila Rhoades
P.O. Box 374
Tabiona, Utah 84107

Leo M. Turnbow
Tabiona, Utah 84107

John & Valeer Jolley
3412 Maxwell Road
Cedar City, Utah 84720

Kendall L. Mayhew
1263 North Crestmont Drive
Meridian, Idaho 83642

R. Earl Dillman
1540 Indian Hills Drive
Salt Lake City, Utah 84108

Floyd & Sarah H. Moon
2863 Glenmare Street
Salt Lake City, Utah 84106

Selma Kennedy
9255 Doheny Road
Los Angeles, California 90069

Utah State University Developmental Fund
c/o Selan & Selan
15303 Ventura Boulevard, #900
Sherman Oaks, California 91403

Bernie & Bonnie Birch
1711 Vine Hill Road
Santa Cruz, California 95065

Duane & Patricia Rhoades
Tabiona, Utah 84072

Patsy L. Rhoades
P.O. Box 337
Tabiona, Utah 84072

Steven L. Rhoades
P.O. Box 337
Tabiona, Utah 84072

Keith A. & Deborah Rhoades
Tabiona, Utah 84072

N. Clyde & Susan Rhoades
Tabiona, Utah 84072

J. Arvel & Deon Rhoades
P.O. Box 342
Tabiona, Utah 84072

Aaron D. Rhoades
Tabiona, Utah 84072

BEFORE THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF THE APPLICATION OF COASTAL OIL &)
GAS CORPORATION FOR APPROVAL TO CONVERT THE)
RHOADES-MOON #1-36B5 TO AN UNDERGROUND WATER)
DISPOSAL WELL IN THE UINTA ZONE IN SECTION 36,)
T2S-R5W, DUCHESNE COUNTY, UTAH)

AFFIDAVIT OF MAILING

Jon R. Nelsen, of legal age, and being first duly sworn, upon his oath, deposes and says:

That he is employed by Coastal Oil & Gas Corporation; that Coastal's amended procedure for Application for Underground Water Disposal in the Rhoades-Moon #1-36B5 has been sent by certified mail on June 23, 1998, to the surface owners located within one-half mile radius of the subject well or other interested parties at the addresses shown on the attached mailing list; and that to the best of his information, knowledge, and belief, the parties above named are the only parties to whom notice of this application is required to be given.

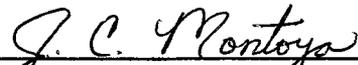


Jon R. Nelsen
District Land Manager
Coastal Oil & Gas Corporation

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

Subscribed and sworn to before me on this 23rd day of June, 1998.





Notary Public - J. C. Montoya

My Commission Expires: December 21, 2001

My Commission Expires Dec. 21, 2001
600 17th St., 800-S
Denver, CO 80202

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF COASTAL OIL &	:	ACTION
GAS CORPORATION FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-225
THE RHOADES-MOON 1-36B5 WELL	:	
LOCATED IN SECTION 36,	:	
TOWNSHIP 2 SOUTH, RANGE 5	:	
WEST, U.S.M., DUCHESNE	:	
COUNTY, UTAH, AS A CLASS II	:	
INJECTION WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

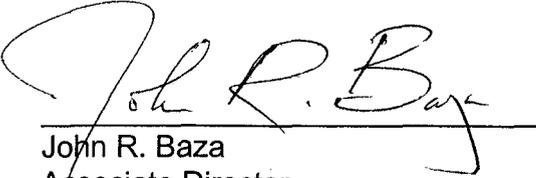
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Rhoades-Moon 1-36B5 well, located in Section 36, Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4,045 feet to 5,150 feet (Uintah Formation) will be selectively perforated for water injection. The maximum injection pressure and rate will be determined by means of step-rate testing at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of July, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-225

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

July 10, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

Re: Notice of Agency Action - Cause No. UIC-225

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

**Coastal Oil & Gas Corporation
Rhoades-Moon 1-36B5 Well
Cause No. UIC-225**

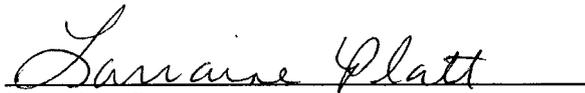
Publication Notices were sent to the following:

Coastal Oil & Gas Corporation
Sheila Bremer
P.O. Box 749
Denver, Colorado 80201-0749

Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
July 10, 1998

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
STATEMENT OF BASIS**

Applicant: Coastal Oil and Gas **Well:** Rhoades-Moon #1-36B5

Location: Sec. 36, T.2 S., R.5 W., Duchesne County

Ownership Issues:

The proposed well is located in section 36, township 2 south, range 5 west, Duchesne County, Utah. The surface location is owned by the Division of Wildlife Resources. There are twenty three other surface owners in the one-half mile area of review. Coastal Oil and Gas is the operator of all leases in the 1/2 mile radius. An affidavit has been filed stating that all surface owners in the 1/2 mile area have been notified.

Well Integrity:

The well proposed for injection is the Rhoades-Moon 1-36B5. The well is presently shutin after an unsuccessful attempt to convert the well to an upper Green River Formation salt water disposal well. This well has a 13 3/8" surface casing set at 315 feet and cemented to surface. A 9 5/8", 40#, J-55 (103 joints) and N-80 (38 joints), LT&C casing string was set from 5,799 feet to surface and cemented with 850 sacks of Lite and 200 sacks of Class G. A string of 7", 26#, N-80 (186 joints) and S-95 (64 joints), LT&C casing was set from surface to 10,198 feet and cemented with 180 sacks of Lite and 200 sacks of Class G. A 5", 18#, N-80, flush joint liner was hung from 9872 feet, set at 12,092 feet and cemented with 50 sacks of 50/50 POZ and 160 sacks of Class G. The present construction has a cast iron bridge plug at 8,080 feet, a DV tool and 590 sacks of Lite cement at 8,148 feet, a cement retainer and 125 sacks of Class G cement (4.7 barrels on top of CR) at 8,907 feet, a rubber bridge plug is at 9,390 feet and another cast iron bridge plug is at 9,723 feet. The top of cement behind the 9 5/8" is estimated at 5,156 feet and the top of the cement behind the 7" is at 5,120 feet. The proposed remedial cementing program will start with cutting off the 7" at 5,100 feet, pulling it and perfring the 9 5/8" at 5,095 feet and 3,700 feet. A cement retainer on 2 7/8" tubing will be placed at 3,725 feet and 595 sacks of Class G cement will be displaced behind the 9 5/8" casing through the lower perfs and back up into the 9 5/8", above the cement retainer, via the upper perfs. The 9 5/8" casing will be drilled out to 5,100 feet, pressure tested to 1,500 psig and CBL logged from 5,100 feet to 3,600 feet. Injection perfs in the Uinta Formation will be placed from 5,070 feet to 4,583 feet in Phase I and (if needed) from 4,452 feet to 4,052 feet in Phase II. Success in Phase I will obviate the need for Phase II perfs and require the injection packer be set at 4,520 feet. The quality of water in the injection zone is presently unknown and the perfered injection zones will be swabbed to obtain a representative samples. There are no oil or water wells in the 1/2 mile radius area of review. A casing integrity test should be performed at the time of conversion and a

ALL 4" B
SACKS

casing/tubing pressure test should be performed prior to injection.

Ground Water Protection:

While the base of moderately saline water may be as deep as 3400 feet in the area, most other injection wells in the area are apparently injecting into this interval of the Uinta Formation and no deleterious effects have been documented. It appears that this may be a case where zones of fresher water interleave with zones of more saline water. The zone needs to be swabbed to determine the quality of the water. A step-rate test will be required to determine the fracture gradient for the injection zone. There are no water wells in the area of review. Any fresh and usable waters would most likely be contained in the surface alluvium and subjacent Duchesne River Formation. The upper confining zone consists of impermeable shale, siltstone and limestone beds of the Uinta Formation with an unperfed interval of approximately 500 feet at the top of the lower Uinta Formation. The lower confining zone consists of shale, limestone, and sand stringers of the Green River Formation. Any shallow fresh water zones will be adequately protected by the proposed construction. An aquifer exemption will need to be sought from the Oil, Gas and Mining Board if the swabbed water from the proposed injection zone is fresher than 10,000 mg/l TDS and Class II conversion is still desirable.

Oil/Gas & Other Mineral Resources Protection:

Injection into this well should have no adverse affects on any offsetting production. There are no other known mineral interests of concern.

Bonding:

Coastal Oil and Gas has a statewide bond in the amount of \$80,000 dollars.

Actions Taken and Further Approvals Needed:

A public notice for the injection well was published in both the Salt Lake Tribune and the Uinta Basin Standard newspaper. No objections to the application were received. The permittee needs to convert the well as proposed in the submitted application. A cement bond log needs to be run, and a representative sample swabbed once the casing has been perforated. A step rate test needs to be run to determine the fracture pressure.

CJK
Reviewer

7/15/98
Date

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
STATEMENT OF BASIS**

Applicant: Coastal Oil and Gas **Well:** Rhoades-Moon #1-36B5

Location: Sec. 36, T.2 S., R.5 W., Duchesne County

Ownership Issues:

The proposed well is located in section 36, township 2 south, range 5 west, Duchesne County, Utah. The surface location is owned by the Division of Wildlife Resources. There are twenty three other surface owners in the one-half mile area of review. Coastal Oil and Gas is the operator of all leases in the 1/2 mile radius. An affidavit has been filed stating that all surface owners in the 1/2 mile area have been notified.

Well Integrity:

The well proposed for injection is the Rhoades-Moon 1-36B5. The well is presently shut in after an unsuccessful attempt to convert the well to an upper Green River Formation salt water disposal well. This well has a 13 3/8" surface casing set at 315 feet and cemented to surface. A 9 5/8", 40#, J-55 (103 joints) and N-80 (38 joints), LT&C casing string was set from 5,799 feet to surface and cemented with 850 sacks of Lite and 200 sacks of Class G. A string of 7", 26#, N-80 (186 joints) and S-95 (64 joints), LT&C casing was set from surface to 10,198 feet and cemented with 180 sacks of Lite and 200 sacks of Class G. A 5", 18#, N-80, flush joint liner was hung from 9872 feet, set at 12,092 feet and cemented with 50 sacks of 50/50 POZ and 160 sacks of Class G. The present construction has a cast iron bridge plug at 8,080 feet, a DV tool and 590 sacks of Lite cement at 8,148 feet, a cement retainer and 125 sacks of Class G cement (4.7 barrels on top of CR) at 8,907 feet, a rubber bridge plug is at 9,390 feet and another cast iron bridge plug is at 9,723 feet. The top of cement behind the 9 5/8" is estimated at 5,156 feet and the top of the cement behind the 7" is at 5,120 feet. The proposed remedial cementing program will start with cutting off the 7" at 5,100 feet, pulling it and perfling the 9 5/8" at 5,095 feet and 3,700 feet. A cement retainer on 2 7/8" tubing will be placed at 3,725 feet and 595 sacks of Class G cement will be displaced behind the 9 5/8" casing through the lower perfs and back up into the 9 5/8", above the cement retainer, via the upper perfs. The 9 5/8" casing will be drilled out to 5,100 feet, pressure tested to 1,500 psig and CBL logged from 5,100 feet to 3,600 feet. Injection perfs in the Uinta Formation will be placed from 5,070 feet to 4,583 feet in Phase I and (if needed) from 4,452 feet to 4,052 feet in Phase II. Success in Phase I will obviate the need for Phase II perfs and require the injection packer be set at 4,520 feet. The quality of water in the injection zone is presently unknown and the perfed injection zones will be swabbed to obtain a representative samples. There are no oil or water wells

*1/3/05
* (*

in the 1/2 mile radius area of review. A casing integrity test should be performed at the time of conversion and a casing/tubing pressure test should be performed prior to injection.) *

MIT

Ground Water Protection:

While the base of moderately saline water may be as deep as 3400 feet in the area, most other injection wells in the area are apparently injecting into this interval of the Uinta Formation and no deleterious effects have been documented. It appears that this may be a case where zones of fresher water interleave with zones of more saline water. The zone needs to be swabbed to determine the quality of the water. A step-rate test will be required to determine the fracture gradient for the injection zone. There are no water wells in the area of review. Any fresh and usable waters would most likely be contained in the surface alluvium and subjacent Duchesne River Formation. The upper confining zone consists of impermeable shale, siltstone and limestone beds of the Uinta Formation with an unperforated interval of approximately 500 feet at the top of the lower Uinta Formation. The lower confining zone consists of shale, limestone, and sand stringers of the Green River Formation. Any shallow fresh water zones will be adequately protected by the proposed construction. An aquifer exemption will need to be sought from the Oil, Gas and Mining Board if the swabbed water from the proposed injection zone is fresher than 10,000 mg/l TDS and Class II conversion is still desirable.

inj. zone water sample
*
step rate test

inj. zone water sample
*
step rate test

Oil/Gas & Other Mineral Resources Protection:

Injection into this well should have no adverse effects on any offsetting production. There are no other known mineral interests of concern.

Bonding:

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Actions Taken and Further Approvals Needed:

A public notice for the injection well was published in both the Salt Lake Tribune and the Uinta Basin Standard newspaper. No objections to the application were received. The permittee needs to convert the well as proposed in the submitted application. A cement bond log needs to be run, and a representative sample swabbed once the casing has been perforated. A step rate test needs to be run to determine the fracture pressure.

- CBL
*
inj. zone water sample
- step rate test

CJK
Reviewer

7/15/98
Date

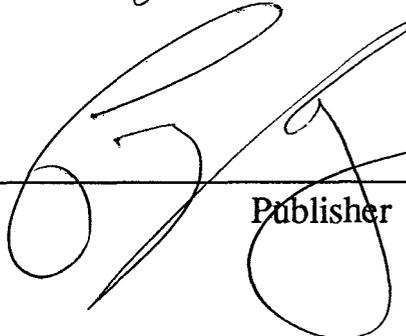
- inj. zone water sample *step*
- CBL
- MIT
- step rate test

step satisfied
yes - Frmt n. H₂O > 10,000 mg/l (66,564 mg/l)
yes
yes - test acceptable
No - to be conducted upon receipt of permit to commence injection. as per letter from El Paso rec'd. 6/14/01
CJ 6/15/01

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

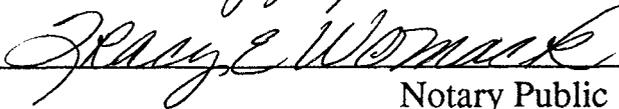
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 21 day of July, 1998, and that the last publication of such notice was in the issue of such newspaper dated the 21 day of July, 1998.



Publisher

Subscribed and sworn to before me this

28 day of July, 1998


Notary Public

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-225
IN THE MATTER OF
THE APPLICATION OF
COASTAL OIL & GAS
CORPORATION FOR
ADMINISTRATIVE AP-
PROVAL OF THE

RHOADES-MOON 1-
36B5 WELL LOCATED
IN SECTION 36, TOWN-
SHIP 2 SOUTH, RANGE
5 WEST, U.S.M.,
DUCHESE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL.
THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE ENTITLED
MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Coastal Oil & Gas Corporation for administrative approval of the Rhoades-Moon 1-36B5 well, located in Section 36, Township 2 South, Range 5 West, U.S.M., Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 4,045 feet to 5,150 feet (Uintah Formation) will be selectively perforated for water injection. The maximum injection pressure and rate will be determined by means of step-rate testing at the time of conversion.

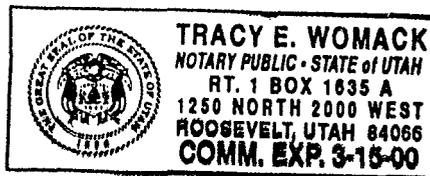
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of July, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS &
MINING

John R. Baza, Associate
Director

Published in the Uintah
Basin Standard July 21,
1998.





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

August 11, 1998

Coastal Oil & Gas Corporation
600 17th Street, Suite 800 S
P. O. Box 749
Denver, CO 80201-0749

Re: Rhoades-Moon #1-36B5 Well, Section 36, Township 2 South, Range 5 West (USB&M),
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Coastal Oil & Gas Corporation.
3. Cement bond logs must be submitted to the Division for review after remedial cementing operations.
4. The Division requires 24 hours notice for the option of witnessing injection zone swabbing operations and water sample gathering.

If you have any questions regarding this approval or the necessary requirements, please contact Christopher Kierst at (801) 538-5337 at this office.

Sincerely,


for John R. Baza
Associate Director, Oil and Gas

lwp
cc: Dan Jackson, Environmental Protection Agency

EL PASO PRODUCTION COMPANY
NINE GREENWAY PLAZA
HOUSTON, TX 77046
PHONE: FAX:



Fax Transmittal

TO:	ALLEN MCKEE	FAX:	
COMPANY:		DATE:	02/05/01
FROM:	WARR MANN	PHONE:	
RE:		PAGES:	

Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

Comments:

Please Review -

Thank You, Warr Mann
(435) 781-7010

[Faint handwritten text, possibly a signature or date]

Procedure to Convert Rhoades Moon 1-36B5

To a Salt Water Disposal Well

**NE NE Sec. 36, T2S, R5W
Altamont Field
Duchesne County, Utah**

Elevation: 6,077' GL 6,105' KB

Total Depth: 12,100', PBDT 11,990', CIBP 8,080'

Casing: 13-3/8", 48#, H-40, ST&C @ 315' & cmted w/ 300 sx Class G to surf
9-5/8", 40#, J-55 & N-80, LT&C @ 5,799' & cmted w/ 400 sx Lite & 200 sx Class-G
7", 26#, N-80 & S-95, LT&C @ 10,198'

Liner: 5", 18#, N-80, @ 12,092' TOP OF LINER 9,872' cmted w/ 50 sx 50/50 POZ
& 160 sx Class-G

Notes:
CIBP @ 8,080' w/ 2 sx sand on top.
CICR @ 8,907' w/ 125 sxs cmt
Baker Model-C RBP @ 9,390'.
CIBP @ 9,723'.

Tubing: 2-7/8", 6.5#, N-80

Injection Perforations:
5,270'-6,170' 460 holes
6,440'-6,480' 160 holes
6,490'-6,576' 344 holes
6,610'-6,820' 900 holes

Tubular Data:

Description	ID (inches)	Drift (inches)	Capacity (bbls / ft)	Burst (psi)	Collapse (psi)
13-3/8", 48#, H-40	12.715	12.559	.15700	1,730	770
9-5/8", 40#, J-55	8.835	8.679	.07580	3,950	2,570
9-5/8", 40#, N-80	8.835	8.679	.07580	5,750	3,090
7", 26#, N-80	6.276	6.151	.0382	7,240	5,410
7", 26#, S-95	6.276	6.151	.0382	8,600	5,870
3-1/2", 9.3#, J-55	2.992	2.867	0.00870	6,980	7,400
2-7/8", 6.5#, N-80	2.441	2.347	0.00579	10,570	11,160

**Rhoades Moon 1-36B5
Conversion To Salt Water Disposal
NE NE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah**

Objective:

The objective of this procedure is to pull the 7" casing, isolate the Unita interval, perforate from 4,040'-5,150', and convert to a salt water disposal well.

Procedure:

- 1) MIRU, ND WH, NU BOP, TOO H w/ 2 7/8" open ended tubing, RU wireline company, RIH w/ 7" CIBP & set @ 5,240', dump ball 2 sx cmt on top of CIBP, test CIBP to 2000 psig.
Note: Need to set CIBP above upper most perf @ 5,270'.
- 2) MI csg pullers, ND tbg BOP, RU csg jacks, remove slips, NU csg BOP, RU Cutters & RIH w/ Jet Cutter for 7", 26#. Cut csg @ 5,100'. Work up hole cutting casing until free. TOO H & LD 7" csg, ND csg BOP, NU tbg BOP, RD csg pullers. Pressure Test 9 5/8" to 1500 psig.
Note: If above test fails, spot 30 sx Class-G cmt centered across casing stub, WOC, & Pressure Test.
- 3) RIH w/ CBL\GR\CCL logging tools & log well from TD to surface to identify cmt integrity behind 9 5/8" csg.
Sqz perms in the next step depends on results of CBL. For the purpose of this procedure we will assume that the TOC behind the 9 5/8" csg is below 5100'.
- 4) RIH w/ 4" perf gun & perf 4 sqz holes @ 5,095' (or PBTD). Attempt to circulate to surface pumping down 9 5/8" and up 9 5/8" X 13 3/8" annulus. If circ fails, shoot 4 sqz holes @ 3,700' in the 9 5/8" csg. PU & RIH w/ wireline set cement retainer. Set CICR @ 3,725'.
Note: Necessity & location of sqz holes depends on results of CBL.
- 5) RU cementers & break circ dn tbg & back to surface, circ hole with KCl water until returns clean. Cement casing w/ 595 sx Class-G cement as per the recommended cementing procedure. Pump 595 sx Class-G cmt (122.8 bbls slurry), & displace w/ 118 bbls water. Pull out of CICR & TOO H to 3,600', rev circ hole clean. TOO H w/ tbg, SWI, & WOC.
- 6) RIH w/ mill on 2 7/8", 6.5#, N-80 tbg & drill out CICR @ 3,725' & cmt down to lower squeeze holes, test csg to 1,500 psig. TOO H w/ mill & tbg.
- 7) RU wireline company, run CBL\GR\CCL log across cemented interval from PBTD to 3,500'.
- * 8) RIH w/ 4" csg gun & perforate w/ 4 spf, as per the attached perforation recommendation for Phase I (Unita Fm @ 4,583'-5,070', 90 intervals, 360 holes) stub @ 4200'.

Revised to show 2" run 9 5/8"

Drill down off surface

2/21/01

R. M. Miller

**Rhoades Moon 1-36B5
Conversion To Salt Water Disposal
NE NE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah**

- 9) RIH w/ 9 5/8" pkr on 2 7/8" tbg, set pkr @ 4,520', RU swab & swab well, catch water samples for chemical analysis, pump into interval and record injectivity. Consult engineering for decision to acidize.
- 10) Release 9 5/8" pkr @ 4,520', TOOH w/ 2 7/8" tbg & pkr.
Note: If test results are acceptable, procede to step 14.
If test results are unacceptable, proceed to Step 11.
- 11) RIH w/ 4" csg gun & perforate w/ 4 SPF, as per the attached perforation recommendation for Phase II(Unita Fm @ 4,052'-4,452', 88 intervals, 352 holes)
Note: Use Schlumberger Compensated Neutron/Dipole Sonic Imager dated 1/13/98 for Perforation correlation. Record all fluid levels and entries.
- 12) RIH w/ 9 5/8" RBP, retrieving head, & 9 5/8" pkr on 2 7/8" tbg, set RBP @ 4,560', set pkr @ 4,000', RU swab & swab well, catch water samples for chemical analysis, pump into interval and record injectivity. Consult engineering for decision to acidize.
- 13) Release 9 5/8" pkr @ 4,000', RIH & retrieve 9 5/8" RBP @ 4,560', TOOH w/ 2 7/8" tbg, Pkr, & RBP.
- 14) RIH w/ 3 1/2" profile nipple, 3 1/2" X 6' tbg sub, 9 5/8" 40 # Arrow Set-1 inj pkr, 3 1/2" on/off tool, 3 1/2" SN on 3 1/2", 9.3#, douline fiberglass lined tbg, land pkr @ 4,000', pump inhibited fluid dn csg annulus, set pkr in tension. NDBOP, NUWH, SWI, RDMO.
- 15) Call Utah OG&M and EPA. Schedule a MIT and step rate test.

GREATER ALTAMONT FIELD
RHOADES #1-36B5
Section 36, T2S - R5W
Duchesne County, Utah

Uinta Disposal Perforations - Phase 1

Schlumberger Compensated Neutron / Dipole Sonic Imager Run #1 (1/13/98)		
4,583	4,762	4,958
4,586	4,763	4,962
4,594	4,793	4,972
4,598	4,797	4,974
4,602	4,808	4,976
4,609	4,812	4,978
4,618	4,813	4,980
4,620	4,819	4,982
4,627	4,824	4,984
4,632	4,829	4,986
4,634	4,834	4,988
4,638	4,840	4,990
4,644	4,848	4,992
4,646	4,853	4,994
4,662	4,857	4,996
4,668	4,894	4,998
4,670	4,900	5,000
4,672	4,902	5,002
4,674	4,908	5,006
4,682	4,911	5,012
4,688	4,916	5,014
4,690	4,918	5,016
4,696	4,923	5,023
4,714	4,926	5,025
4,716	4,934	5,034
4,719	4,935	5,038
4,730	4,940	5,040
4,736	4,941	5,052
4,745	4,946	5,056
4,751	4,950	5,070

90 ZONES

S. H. Laney

5/13/98

BEATER ALTAMONT FIELD

RHOADES #1-36B5
Section 36, T2S - R5W
Duchesne County, Utah

Uinta Disposal Perforations - Phase 2

Schlumberger Compensated Neutron / Dipole Sonic Imager Run #1 (1/13/98)		
4,052	4,228	4,400
4,053	4,232	4,416
4,062	4,240	4,421
4,071	4,245	4,425
4,073	4,252	4,437
4,077	4,257	4,444
4,093	4,265	4,448
4,095	4,273	4,450
4,107	4,277	4,452
4,112	4,286	4,459
4,116	4,288	4,463
4,123	4,295	4,468
4,129	4,297	4,470
4,131	4,316	4,481
4,141	4,321	4,485
4,143	4,323	4,488
4,145	4,335	4,494
4,157	4,342	4,498
4,159	4,344	4,502
4,161	4,351	4,509
4,176	4,353	4,510
4,178	4,365	4,516
4,180	4,375	4,522
4,184	4,376	4,524
4,191	4,378	4,532
4,193	4,380	4,534
4,202	4,386	4,536
4,208	4,388	4,538
4,213	4,393	4,542
4,224		

88 ZONES

S. H. Laney

5/13/98

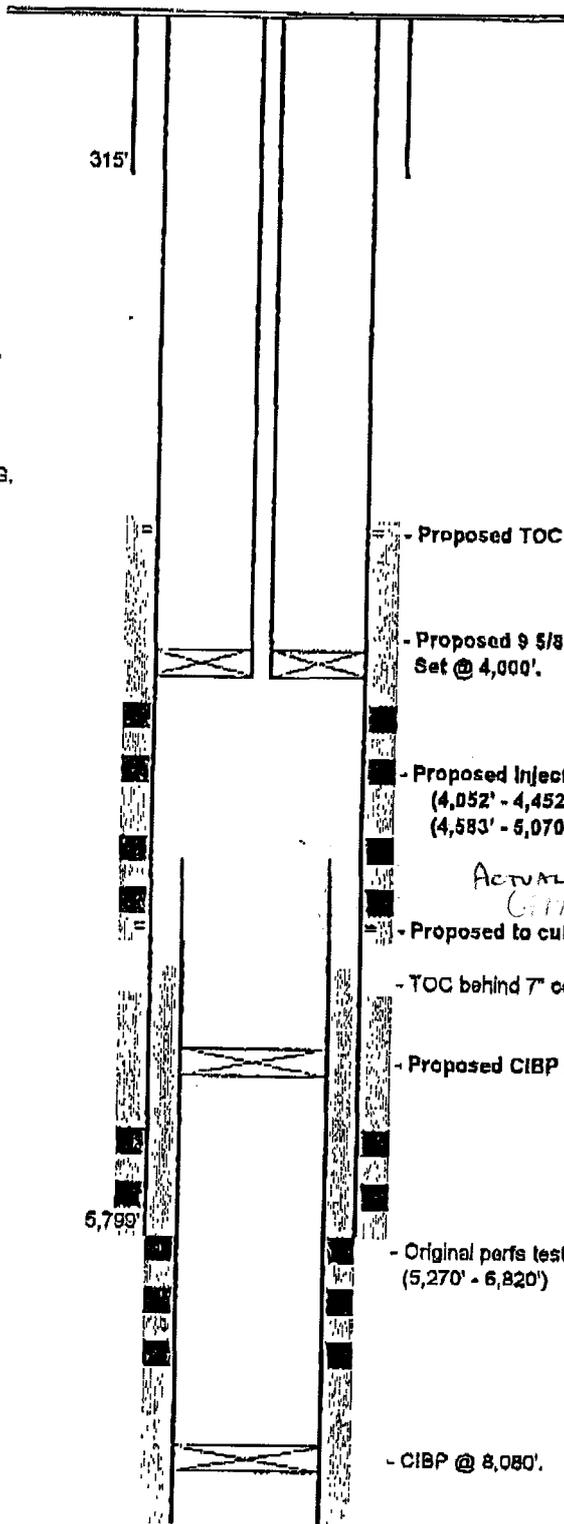
B5-36P2.WK4

Rhoades Moon #1- 36B5

NE NE Sec.36, T2S, R5W
 1,178' FEL & 1,178' FNL
 Altamont Field
 Duchesne County, Utah

Elev. GL @ 6,077'
 Elev. KB @ 6,105' (28' KB)

**Coastal Oil & Gas Corporation
 Proposed Injection Wellbore Diagram**



Casing

13 3/8", 48#, H-40, ST&C, set @ 315'.
 17 1/2" hole Cmt w/ 300 sx Class-G to surface.

9 5/8", 40#, J-55 & N-80, LT&C, set @ 5,799'.
 12 1/4" hole Cmt w/ 400 sx Lite & 200 sx Class-G.
 (103 jnts J-55, 40#, & 38 jnts N-80, 40#)
 Note: 400 sx lite cmt possible top job.

7", 26#, N-80 & S-95, LT&C, set @ 10,198'.
 8 1/2" hole Cmt w/ 180 sx Lite & 200 sx Class-G.
 Proposed to cut off 7" csg @ 5,100'.

TOC behind 7" csg @ 5,120' (From CBL).
 TOC behind 9 5/8" csg @ 5,156' (Estimated).

Proposed Tubing & Packer

3 1/2", 8.3#, J-55, EVE, BR (Internally Coated)
 3 1/2" SN
 3 1/2" on/off tool
 9 5/8" Arrow Set-1, set @ 4,000'
 3 1/2" x 6' tbg sub
 3 1/2" F-Type profile nipple

Proposed Injection Perforations

4,052' - 4,452', 80 intervals, 264 holes
 4,583' - 5,070', 80 intervals, 270 holes

Proposed top of cement behind 9 5/8" csg
 after remedial cement work @ 3,700'.

- Proposed TOC behind 9 5/8" csg @ 3,700'.

- Proposed 9 5/8" x 3 1/2" Arrow Set-1 Pkr,
 Set @ 4,000'.

- Proposed Injection Perfs.
 (4,052' - 4,452')
 (4,583' - 5,070')

ACTUAL 7" CUT OFF @ 4800
 (CMT)

- Proposed to cut off 7" csg @ 5,100'.

- TOC behind 7" csg @ 5,120' (From CBL).

- Proposed CIBP @ 5,240' w/ 2 sx cmt.

- Original perfs tested for injectivity.
 (5,270' - 6,820')

- CIBP @ 8,080'.

- Couldn't remove
 stub above
 5100'
 - Need to
 perf through
 7" and 9 5/8"

Notes: All depths are KD measurement.

Rhoades Moon 1-36B5
 NE NE Section 36, Township 2-South, Range 5 West
 Altamont Field
 Duchesne County, Utah

Chronological History from Plugging and Abandoning to Present:

1/10/98 PU & RIH w/ 7" CICR.

1/11/98 Set CICR @ 8,907'. Sting into retainer and pump 125 sx class G cmt w/ .10% HR-5.

1/13/98 RIH w/ CCL-GR-CBL logging tools. Waxy. Log from 8,794' to Surface. TOC behind 7" @ 5,120'. RIH w/ GR-CET Log tools. Log from 8,794' to Surface.

1/14/98 Waxy. RIH w/ GR-DSI-CNL Log Tools. Logged from 3,500' to Surface.

1/16/98 RIH & Set 7" X 26# CIBP @ 8,080'. Dump 2 sx cmt on top of plug. Test csg to 1500#. Held.

1/17/98 Perforate from 6,610'-6,820' w/ 900 holes, 4 SPF. RIH & set 7" HD pkr @ 6,552'.

1/19/98 Swab. IFL @ 800'. FFL @ 1,300'. Rec 122 bbls. (Wtr had ammonia smell w/ pH of 10). Establish Inj. Rate of 3.5 BPM @ 1,200 psig. Rls pkr, POOH. RIH w/ 7" W.L.S. RBP. Stack out on heavy Black Wax @ 536'.

1/20/98 RIH & set 7" X 26# W.L.S. RBP @ 6,600'. Spot 2 sxs sand on plug.

1/21/98 Perforate from 6,490'-6,576' 344 holes, 4 SPF. RIH & Set 7" X 26# HD pkr @ 6,465'. Swab. IFL @ surface. FFL @ 6,459'. REC 38 bbls wtr, 1 bbl oil. PH 7. Est inj rate @ 2.0 BPM @ 2,600 psig.

1/23/98 Acidize w/ 420 gals 15% HCl. Rls 7" X 26# HD pkr & POOH.

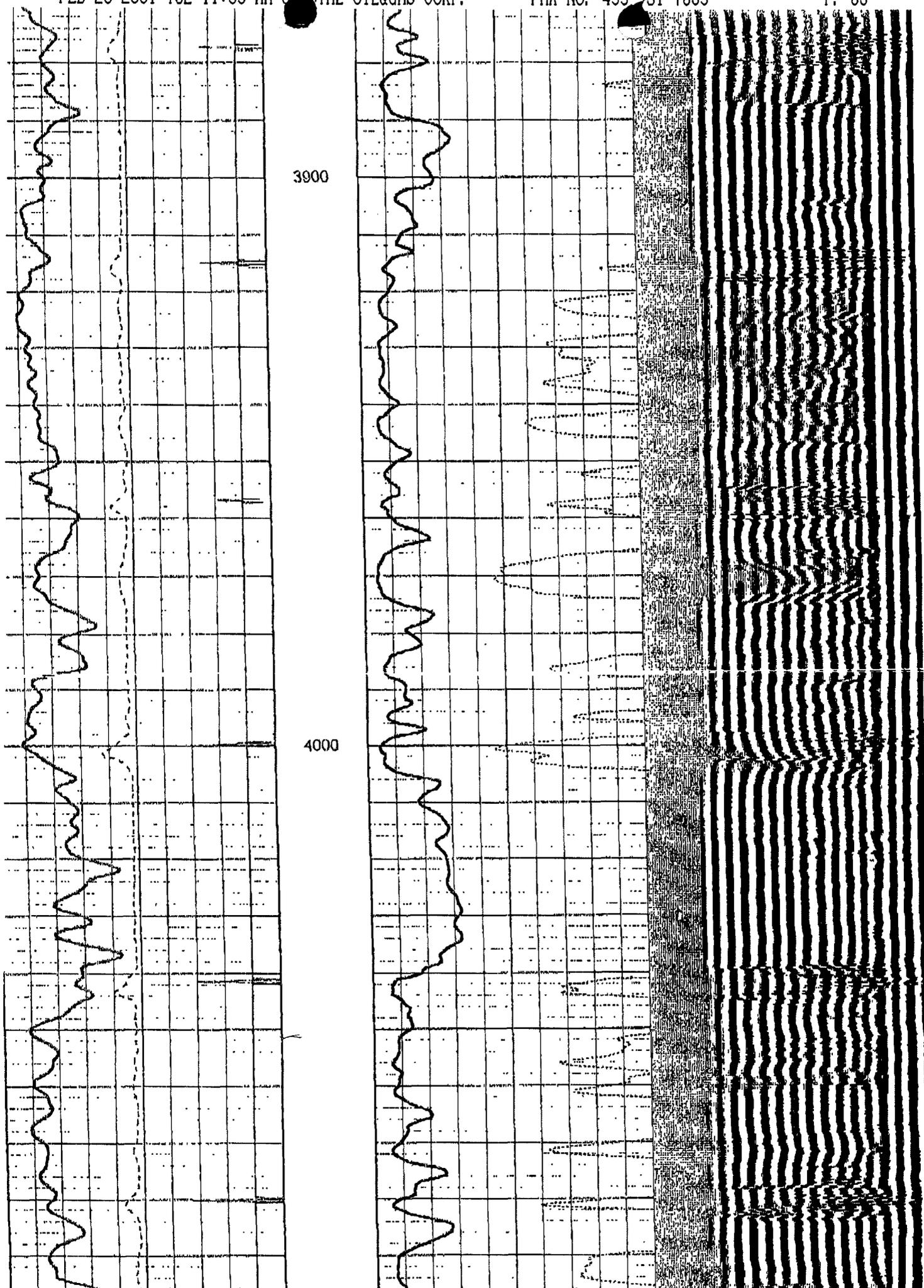
1/24/98 Perforate from 6,440'-6,480' w/ 160 holes, 4 SPF. RIH & set pkr @ 6,402'. Swab. IFI. @ Surface. FFL @ 6,402'. REC 38 bbls wtr. PH 5.

1/26/98 Est. Inj. Rate @ 2 BPM @ 2500 psig.

1/27/98 Perforate from 5,270'-6,170' 460 holes, 4 SPF. PU & RIH w/ 7" X 26# HD pkr.

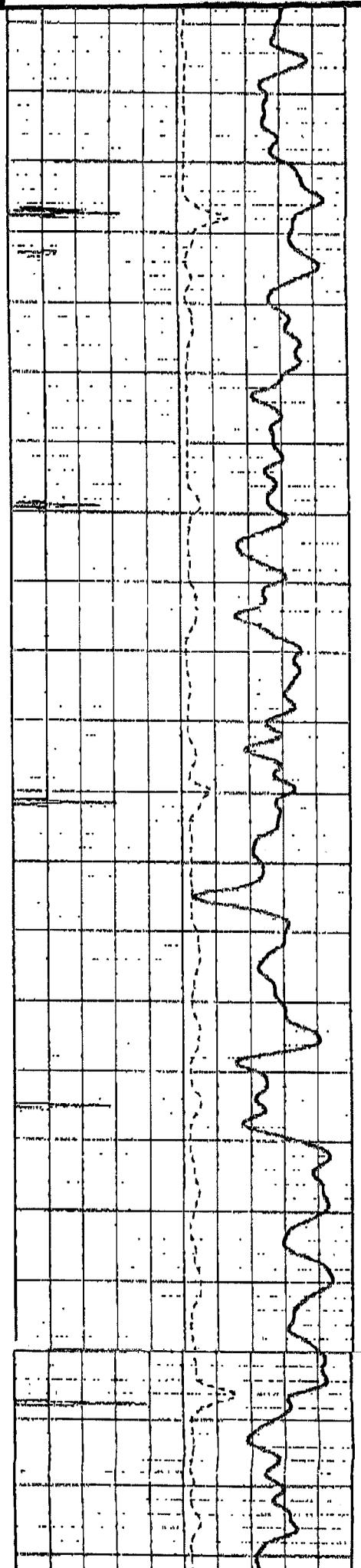
1/28/98 Set HD pkr @ 5,234'. Swab. IFL @ Surface. FFL @ 5,225'. Est. Inj. Rate of 3 ½ BPM @ 900 psig.

1/30/98 Rls 7" X 26# HD pkr @ 5,234' & POOH. PU 7" X 26# RBP retrieving head & RIH. Tag & rls plug @ 6,645'. POOH. RIH open ended w/ 260 jts 2 7/8" tbg. EOT @ 8,000'. SWL.



3900

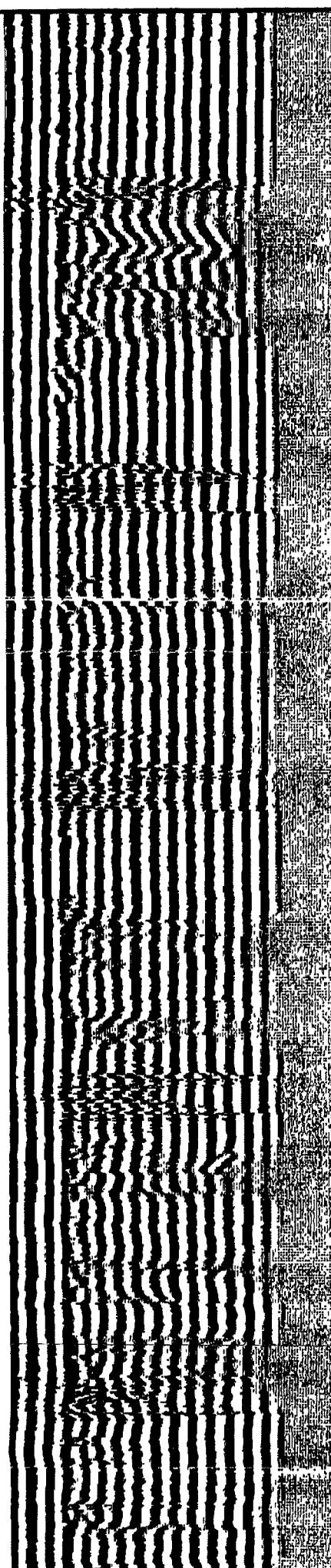
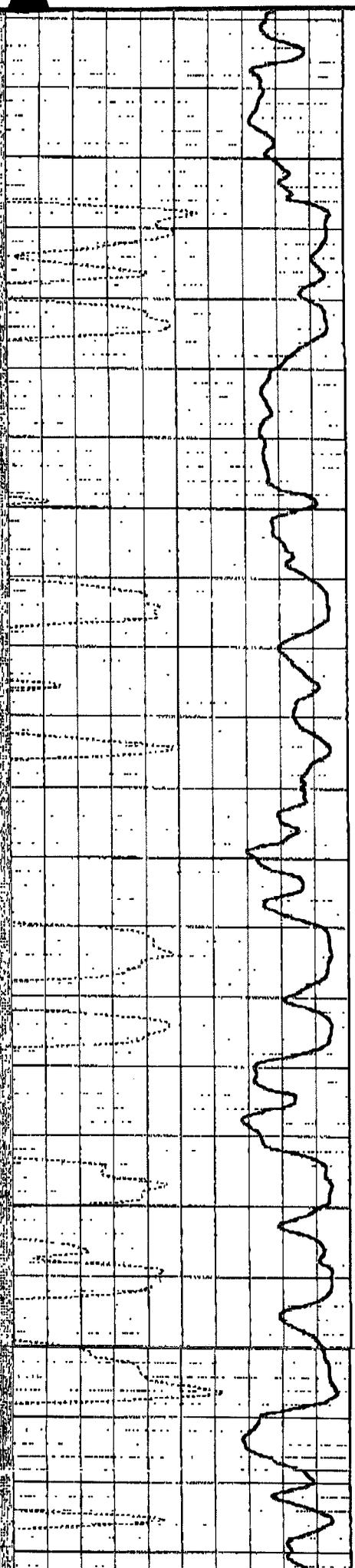
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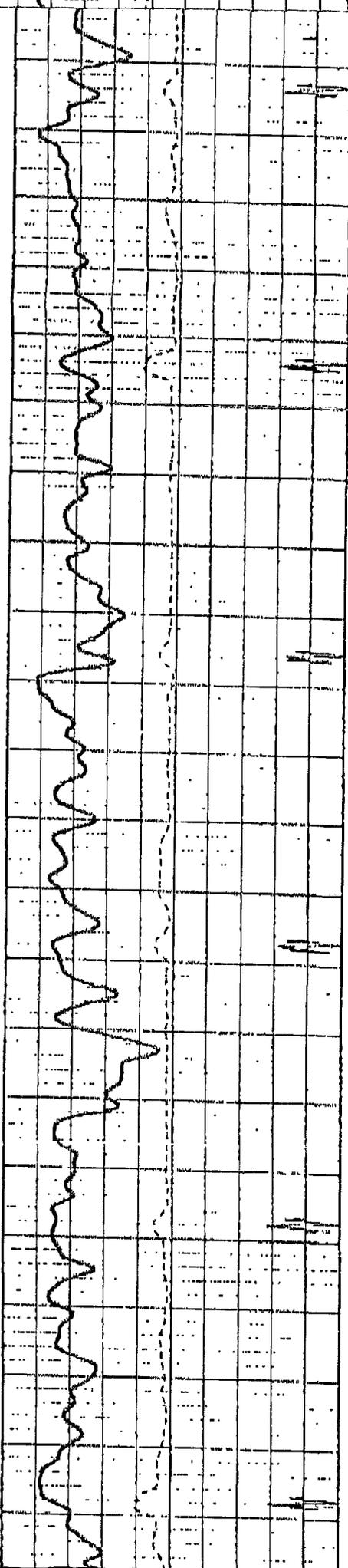


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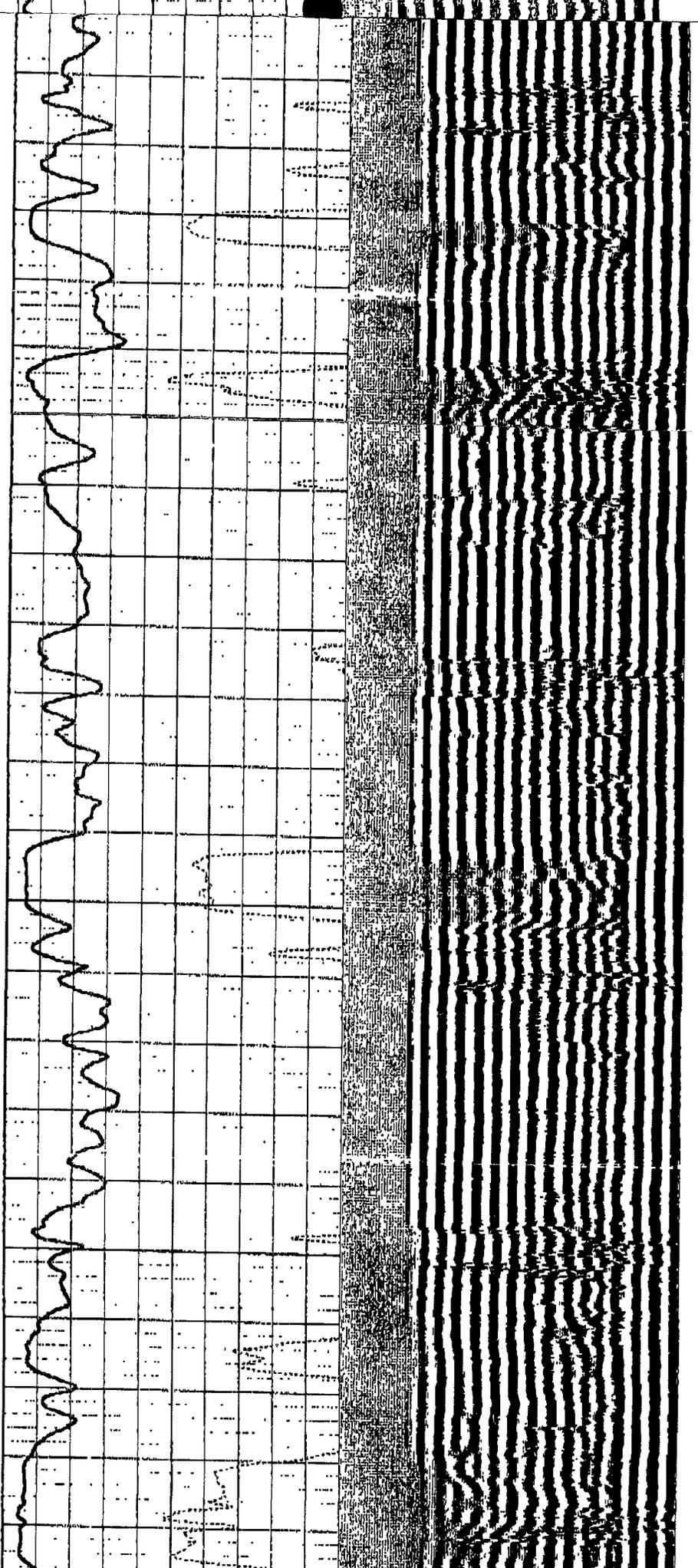
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4100

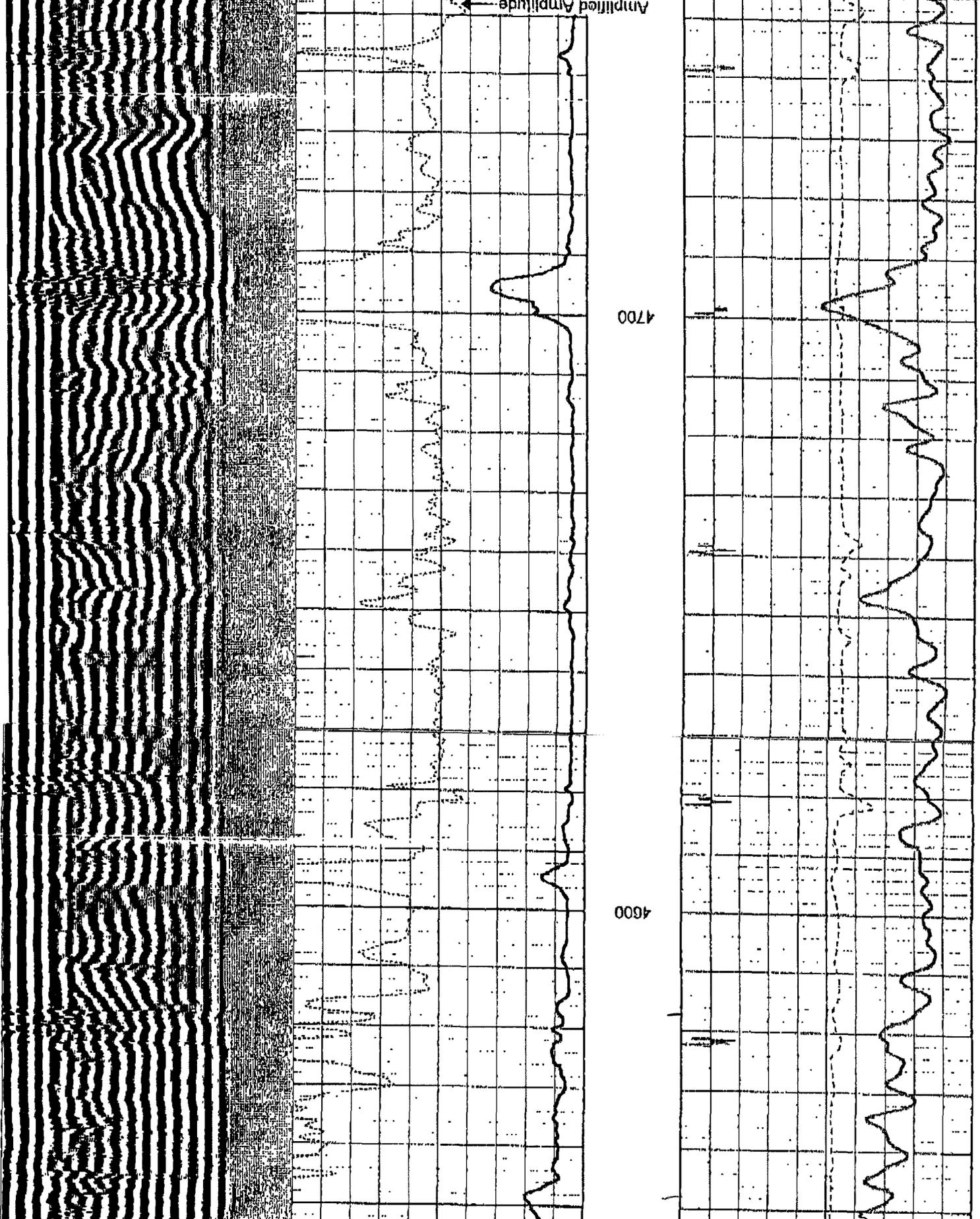


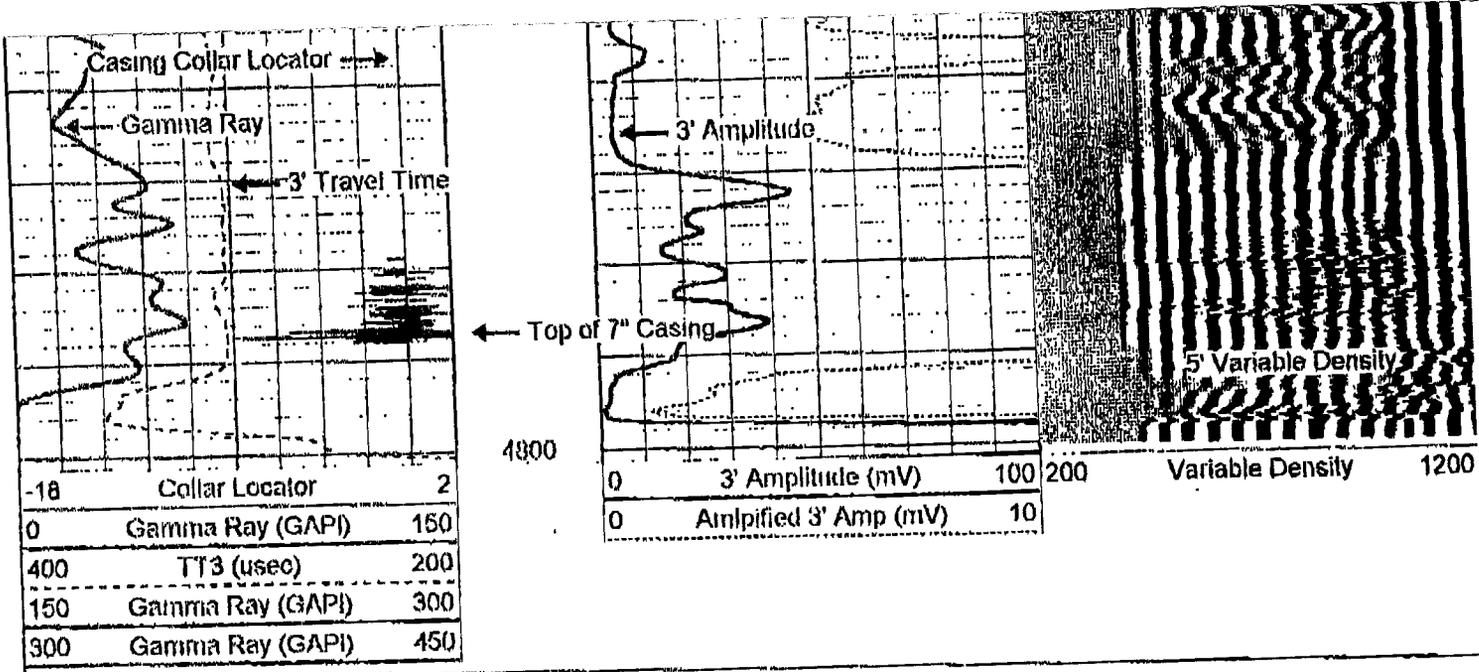


4400



4500



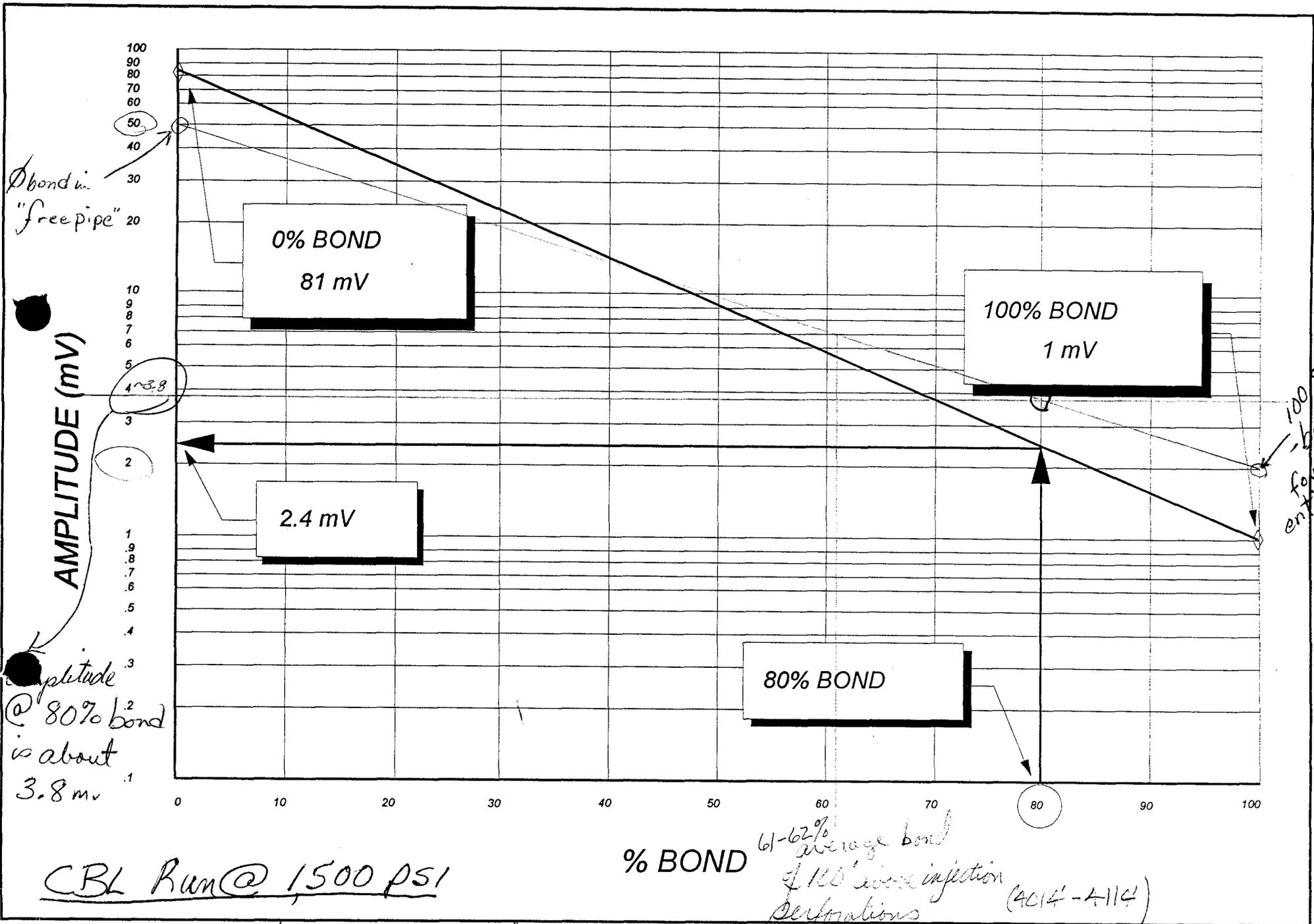


Repeat Section

Database File: elpas136.db
 Dataset Pathname: alliamont/1-3655/run1/pass1
 Presentation Format: cb101.prs
 Dataset Creation: Fri Feb 16 14:46:43 2001 by Log VER_5.4
 Charted by: Depth in Feet scaled 1:240

-18	Collar Locator	2
0	Gamma Ray (GAPI)	150
400	TT3 (usec)	200
150	Gamma Ray (GAPI)	300

0	3' Amplitude (mV)	100	200	Variable Density	1200
0	Amplified 3' Amp (mV)	10			



this well doesn't appear to be well bonded. The first 100' above the injection perfs is about 61-62% bonded. In fact, the best bond anywhere on the log is about 77-78% bonded. E PA seems to like 80% bonding over a 45' interval above the injection perfs.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number
Fee

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

7. Unit Agreement Name:
N/A

8. Well Name and Number:
SWD Rhoades Moon #1-36B5

9. API Well Number:
43-013-30289

10. Field and Pool, or Wildcat
Altamont

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

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator
Coastal Oil & Gas Corporation

3. Address and Telephone Number.
P.O. Box 1148, Vernal UT 84078 (435) 781-7023

4. Location of Well
Footages: 1178' FNL & 1178' FEL County: Duchesne
QQ,Sec., T., R., M.: NE/NE Sec. 36, T2S, R5W State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Convert to SWD</u> | |

Approximate date work will start 2/01

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

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.)

Coastal Oil & Gas Corporation requests authorization to convert the Rhoades Moon #1-36B5 to a SWD well.

13. Name & Signature  Title Cheryl Cameron Senior Regulatory Analyst Date 2/1/01

(This space for State use only)

RECEIVED
FEB 1 2001
DIVISION OF
OIL, GAS AND MINING

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

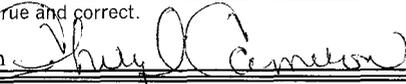
<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals</p>		6. Lease Designation and Serial Number FEE
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement Rhoades Moon
		9. Well Name and Number #1-36B5
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) SWD		10. API Well Number 43-013-30289
2. Name of Operator Coastal Oil & Gas Corporation		11. Field and Pool, or Wildcat Altamont
3. Address of Operator P.O. Box 1148, Vernal, UT 84078	4. Telephone Number (435) 781-7023	
5. Location of Well Footage : 1178' FNL & 1178' FEL County : Duchesne OO, Sec. T., R., M. : NE/NE Sec. 36, T2S, R5W State : UT		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input checked="" type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start <u>Upon Approval</u></p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><small>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.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

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.)

Coastal Oil & Gas Corporation requests authorization to begin injection for the subject well.

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

Name & Signature Cheryl Cameron  Title Regulatory Analyst Date 06/08/01

(State Use Only)



Ward Maloy

Production Engineer

1368 South 1200 East

P.O. Box 1148

Vernal, Utah 84078

E-mail: ward.maloy@elpaso.com

Office: 435-781-7010

Mobile: 435-823-6075

Home: 435-781-6075

Fax: 435-781-7095

Mr. Al McKee
State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114-5801

Dear Mr. McKee,

MIT El Paso Production Company has completed the Rhoades Moon 1-36B5 conversion to a saltwater disposal well. This letter, with the supporting data, is intended to fulfill the Division of Oil, Gas, and Mining requirements ensuring permission to inject. I have included a detailed chronological history of the well work performed, a copy of the Mechanical Integrity Test (MIT) pressure chart, an uncontaminated water sample from the injection interval with a water analysis report, and a copy of the post squeeze cement bond log. In summary, the Lower Uinta Formation has been perforated from 4,114' to 5,055' and stimulated with 6,000 gallons 15% hydrochloric acid. After the acid job an injection rate of 6 BPM @ 870 psig was obtained. The acid/water load was swabbed back and a fluid sample was caught; independent laboratory analysis delineated a total dissolved solids count of 66,000 ppm. The static fluid level was 1,100' after an 84 hour shut in duration. The injection packer was run in the hole on 3 1/2" tubing and set at 4,054', and a MIT was performed holding 1010 psig on the tubing casing annulus for a 30 minute test; Dennis Ingram (Utah DOGM) witnessed the MIT test. *MIT* *water sample* *CBL*

Upon your approval, please return written permission to commence injection. After receiving approval, we will complete a step rate test to define the maximum injection pressure and modify the current maximum allowable injection pressure of 872 psig if necessary. In addition to the cement bond log analysis per EPA Groundwater Section Guidance No. 34, El Paso intends to demonstrate External Mechanical Integrity by conducting a Radioactive Tracer Survey per EPA Part II Mechanical Integrity guidelines after disposal initiation. *step rate test*

Please contact me at (435) 781-7010 with any questions or requests.

Sincerely,

Ward Maloy
Ward Maloy

**Rhoades Moon 1-36B5 Chronological History of Conversion to
Saltwater Disposal Well**

Page 1

NE NE Sec. 36, T2S, R5W

Altamont Field

Duchesne County, Utah

Elevation: 6,077' GL 6,105' KB

Total Depth: 12,100', PBTB @ CIBP 5,240'

Casing: 13-3/8", 48#, H-40, ST&C @ 315'
9-5/8", 40#, J-55 & N-80, LT&C @ 5,799'
7", 26#, N-80 & S-95, LT&C 4,798' to 10,198'

Work Performed during 2/13/01 to 2/21/01 Workover

- Day 1- SITP @ 300#. NDWH & NUBOP. Set 7" CIBP @ 5,240'. POOH. Dump bail 2 sx cmt on top of CIBP. TOC @ 5,220'. POOH RD OWP.
- Day 2- Pressure test 7" casing to 2000# (HELD). Attempt to chem cut csg. WL work delayed due to paraffin plugs in csg, RIH w/ wax knife, circ well. RU WL, chem cutter failed to shoot.
- Day 3- Chem cut casing @ 5,100'. Attempt to circ dn 9 5/8" & up 7" failed. Could not pull casing free w/ csg spear (pull to 350,000#). Weld on csg stub. RU csg jacks. RU freepoint tool & freepoint 7" csg @ 4,825'. Shoot collar @ 4,798' w/ split shot. Pull casing free.
- Day 4- Lay down 7" casing from 4,798'.
- Day 5- RIH w/ 9 5/8" casing scraper to 4,798'. Circ well clean w/ 400 bbls 2% KCl. Pressure test casing to 1500#. POOH w/ casing scraper. Run CBL/CCL/GR from 4,798' to 200'.
- Day 6- RIH w/ open ended tbg, NDBOP, NU tbg head, land tbg @ 4,767'. RDMO.

Wait on orders. Decision was made to perform cement squeeze to ensure external mechanical integrity prior to continuing SWD conversion.

Work Performed during 5/12/01 to 5/31/01 Workover

- Day 1- MIRU. NDWH, NUBOP. POOH w/ 2 7/8" tbg from 4736'. Fill csg w/ 1 bbl 2% KCl. MIRU OWP. PU 4" perf guns loaded w/ 22.7 gr charges, 4 SPF & RIH, shoot 4 holes @ 4,010', POOH. RU pmp & lines. Brk dn perms @ 2000 psi, est inj rate w/ 20 bbls @ 1.75 BPM @ 1300 psi. Bleed psi off, PU 9 5/8" CICR & RIH on wireline. Set CICR @ 3,970'. POOH, RD wireline. PU stinger, tally tbg & RIH, tag CICR @ 3,970', space out tbg. Sting 1/2 way into CICR psi tbg to 1300 psi. Sting into CICR, psi test csg to 1500# (Held for 10 min). Bleed psi off. SWI. SDFN. } perms
- Day 2- MIRU Serv. Co. Sting out of CICR, pmp 10 bbls fresh water, pmp 10 bbls chemical wash. Sting into CICR, Pmp 10 bbls fresh water, mix & pmp 50 sx (10.2 bbls) class G cmt w/ fluid loss and dispersant adds, displace w/ 21 bbls fresh water, hesitation squeeze cmt w/ 2 bbls fresh water, final shut in psi @ 268 psi. sting out of CICR. Pull 50' tbg, rev out w/ 40 bbls fresh water, RDMO Serv. Co., POOH w/ tbg from 3920'. SWI. SDFWE-WO cmt to set for 43 hours. } 4000 cement
- Day 3- PU 8 5/8" rock bit, 5- 4 5/8" drl collars & RIH on 2 7/8" tbg, tag cmt top @ 3,962', drl up cmt to 3,970', cont to drl on 9 5/8" CICR. Md 7" hole. SDFN.
- Day 4- Cont to drl on CICR @ 3,970', drl up brass segments & rubber goods, cont to drl on btm slip segments. SDFN.

5/12

5/13

5/14

5/15

**Rhoades Moon 1-36B5 Chronological History of Conversion to
Saltwater Disposal Well**
Page 2

5/16
Day 5- Cont to drl on CICR @ 3,970', drl up CICR, cont to drl on cmt, brk through cmt @ 4015', circ well clean, psi test to 1500 psi, leaked off to 0 psi in 15 min, psi up to 1500 psi leaked off to 200 psi in 5 min, Est inj rate @ 1/2 BPM @ 1700 psi, POOH w/ drl bit, EOT @ 2000'. SDFN.

5/17
Day 6- Cont to POOH, w/ 8 5/8" drl bit f/ 2000', brk off bit, stand back drl collars. PU SN & RIH on open ended 2 7/8" tbg. EOT @ 4,115', SWI. SDFD, Wait on cmt.

7/17
Day 7- MIRU Serv. Co. pmp 20 bbls fresh water pad, mix & pump 50 sx class G cmt (10.2 bbls) w/ fluid loss and dispersant adds, displace balanced plug w/ 21 bbls 2% KCl, POOH w/ 28 jts tbg, EOT @ 3,100', rev out w/ 40 bbls KCl, squeeze cmt w/ 6 bbls KCl water, stage cmt 4 times w/ last 2 bbls, max psi to 850 psi, bled to 400#. Overdisplace cmt into perms w/ 5 bbls. RIH to 4,015', rev circ w/ 40 bbls. Mix & pump 100 sx class G cmt (20.4 bbls), set balanced plug w/ 19 bbls KCl, POOH to 3,100', rev circ w/ 40 bbls KCl, Squeeze cmt w/ 10 bbls KCl, psi @ 1000 psi. Bled to 900 psi in 5 min, stage cmt 3 times w/ 1 1/2 bbls, squeeze locked @ 1015 psi. SWI. RDMO Serv. Co. SDFWE.

5/19
Day 8- Bled off 800 psi. POOH w/ open ended tbg f/ 3,100', PU 8 5/8" drl bit, & 5 drl collars. RIH & tag cmt top @ 3,895'. RU drl equip, drl cmt, fell through @ 4,025', drl up stringers to 4,040'. Circ well clean w/ 50 bbls KCl. Psi tst to 1500 psi (HELD for 15 min test). Bleed psi off, POOH, LD drl collars & bit, MIRU wireline, PU GR/CCL/CBL log tools & RIH. Log well f/ 4758' to 3500'. POOH, log well f/ 400' to 200' (All logging performed w/ 1500 psi on well). POOH, RD wireline. SWI. SDFN.

5/20
Day 9- RIH w/ 6" rock tooth bit, work thru 7" csg stub @ 4,798', tag fill @ 5,103', RU drl equip, brk circ, CO to 5,220' (117' fill), tag cmt @ 5,220', above CIBP @ 5,240'. Rev circ well w/ 400 bbls 2% KCl. RD drl equip. POOH w/ bit. SWI. SDFN.

5/21
Day 10- MIRU wireline. PU 4" perf guns loaded w/ 22.7 gram charges, 4 SPF, make 7 perf runs, shoot 400 holes f/ 4,114' to 5,055'. POOH, RD wireline. PU 9 5/8" HD pkr, SN, & RIH on 2 7/8" tbg. Set pkr @ 4,045'. RU swab equip, & swab, IFL @ surf, made 3 runs, FL @ 3,800', tbg plugged w/ dehydrated asphaltene. Displace oil out of tbg w/ 26 bbls 2% KCl, brk dn formation @ 1250 psi, est inj rate w/ 10 bbls 2% KCl, 3 BPM @ 800 psi, flowback 11 bbls, ru swab equip, made 5 swab runs, rec 48 bbls. FFL @ 4,045'. SDFN.

Day 11- Made 7 swab runs, rec 22 bbls, caught samples for water analysis. FFL @ 4,000'. SDFD.

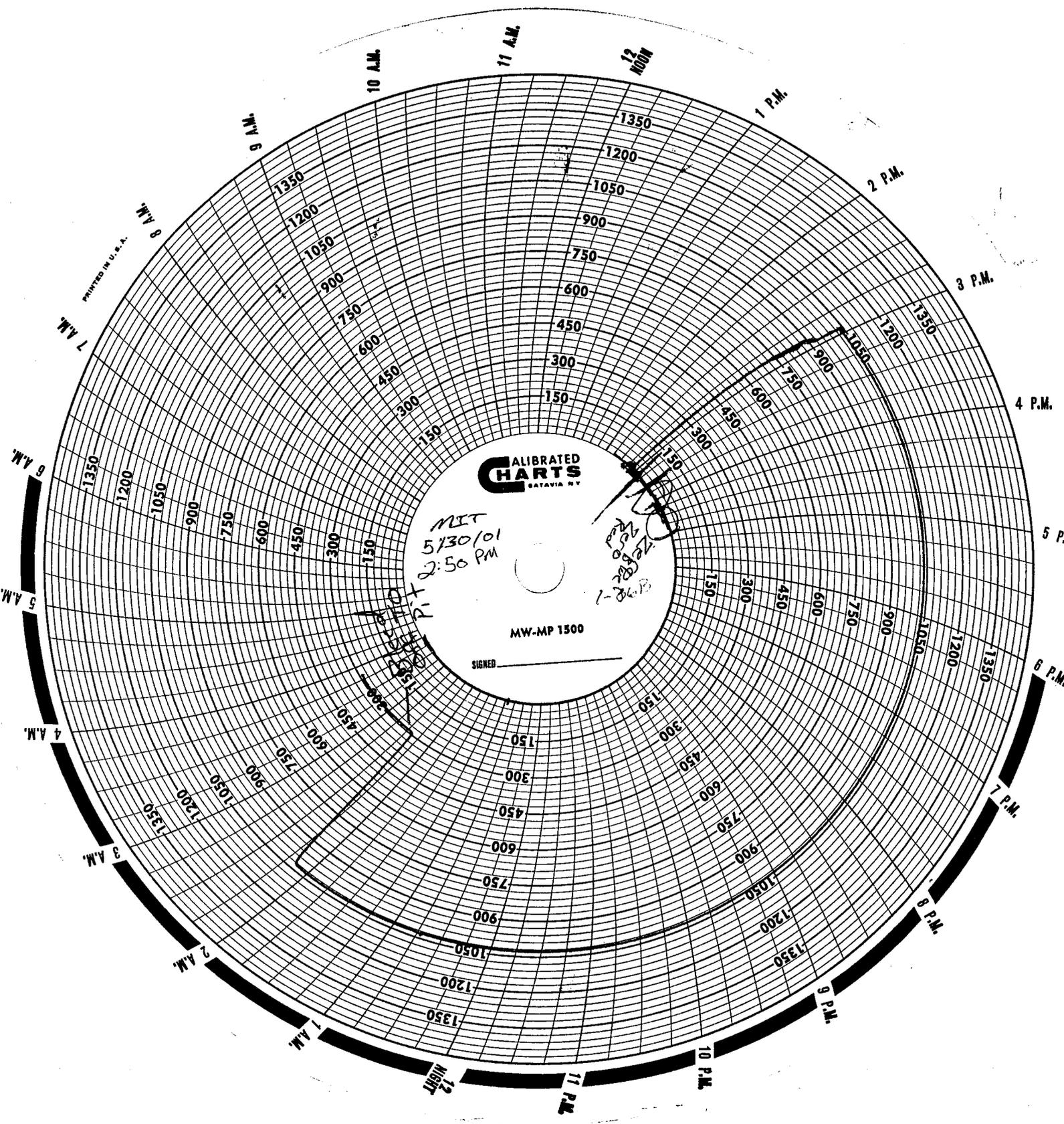
Day 12- MIRU Serv. Co. Acidize well w/ 6,000 gals 15% HCl diverting w/ 600 1.3 SG ballsealers, flush w/ 110 bbls 2% KCl, TL @ 229 bbls, ISIP @ 280 psi. Surge balls off perms, wait 10 minutes, & est inj. rates of 4 BPM @ 520 psi, 5 BPM @ 670 psi, 6 BPM @ 870 psi. Max psi @ 3,800 psi, avg psi @ 2400 psi, max rate @ 14 BPM, avg rate @ 10 BPM. Good diversion. RDMO Serv. Co. Flow back to flat tank, 280 psi @ 1 BPM. Flowed back 95 bbls, pH 3, well died. RU swab equip & begin swabbing. IFL @ surf. Made 23 runs recovering 160 bbls, FFL @ 3,400'. Final pH @ 6. SWI. SDFWE. (Memorial Day Weekend)

Day 13- RU swab, tag fluid level @ 1,100', (84 hour shut in). Rls 9 5/8" pkr @ 4,045'. RIH to knock off ballsealers to 7" casing stub. POOH w/ tbg, LD pkr, MU 6 1/8" drl bit & RIH, knock off ballsealers in 7" csg to 5,220'. POOH LD bit. XO to 3 1/2" equip. MU 9 5/8" plastic coated pkr, 2.31" profile nipple, On-Off tool, & RIH on 3 1/2" Duo-Cote tbg (2.65" ID) drifting each jt. EOT @ 2,200'. SDFN.

Day 14- Cont to RIH w/ 3 1/2" J-55 Dou-Cote tbg to 4054'. NDBOP, NU tbg head. RU pmp & lines, circ 275 bbls pkr fluid dn csg up tbg. Set pkr @ 4,054' land tbg w/ 5000# TEN. RU psi chart & perform MIT. Held 1010 psi. for 30 min. Dennis Ingram (UOGM) witness. Bleed psi off. 9 to 10 gals in returns. NUWH. SWI. RDMO.

bleed off
sampled
again
bleed off
CBL
perfs
CBL
Water samples
6656
M

HOADES MOON 1-36B5 SW
SECTION 36, TOWNSHIP 2 SOUTH, RANGE 5 WEST
MAY 30, 2001 @ 2:50 PM
MIT



CALIBRATED
HARTS
BATAVIA NY

MIT
5/30/01
2:50 PM

1-36B5 SW

MW-MP 1500

SIGNED _____

PRINTED IN U.S.A.

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5088
Fax (435) 722-5727

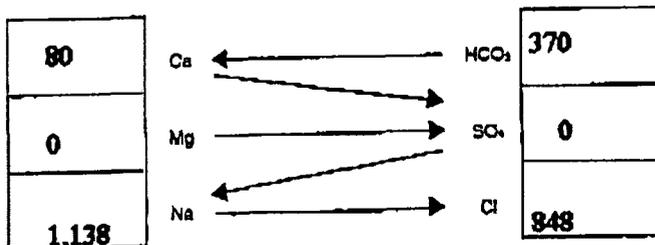
WATER ANALYSIS REPORT

Company EL PASO Address _____ Date 5/24/01
Source 1-36B5 Date Sampled _____ Analysis No. _____

Swab Sample	Analysis	5/24/01 8:00 mg/l(ppm)	*Meg/l
1. PH		<u>11.6</u>	
2. H ₂ S (Qualitative)		<u>1.0</u>	
3. Specific Gravity		<u>1.060</u>	
4. Dissolved Solids		<u>66,564</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>5,400</u>	+ 30 <u>180</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃		+ 61 _____ HCO ₃
7. Hydroxyl (OH)	OH	<u>3,230</u>	+ 17 <u>190</u> OH
8. Chlorides (Cl)	Cl	<u>30,100</u>	+ 35.5 <u>848</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>60</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>1,600</u>	+ 20 <u>80</u> Ca
11. Magnesium (Mg)	MG	<u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>4,000</u>	
13. Total Iron (Fe)		<u>15.0</u>	
14. Manganese		<u>0.9</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equlv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		<u>80</u>		<u>6,483</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.82				
NaHCO ₃	84.00		<u>190</u>		<u>24,360</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>848</u>		<u>49,574</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS Resistivity = 0.19 ohms/meter @ 76 degrees F 75 bbls recovered
Ammonia 380 ppm.

DATE: 05/30/01

WELL: 1-36B5

COUNTY: Duchesne

SEC: 36

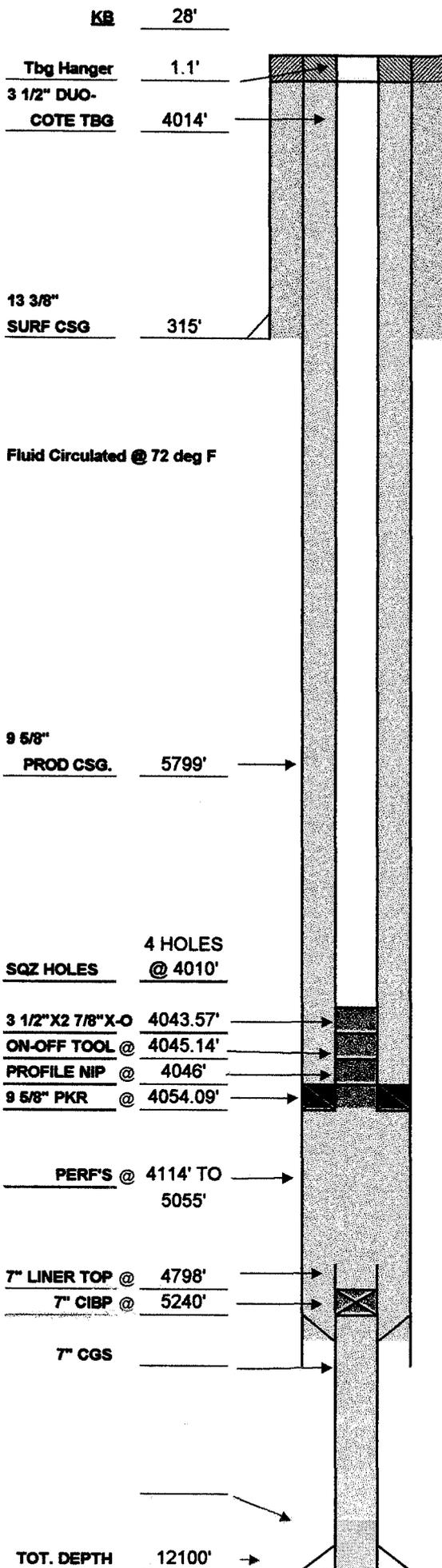
FOREMAN: JEFF SAMUELS

FIELD: Altamont / Bluebell

STATE: Utah

TWS: 2S

RGE: 5W



RIG No. MILES WELL SVC. #1

CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
13 3/8"	48#	H-40	ST&C	SURF	315'
9 5/8"	40#	N-80	LT&C	SURF	5799'
7"	26#	N-80	LT&C	4798'	10198'

D.C. = DUO-COTE
 F.C. = FIBER-COTE
 B.C. = BEVELED COLLARS

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
3 1/2"	9.3#	J-55 D.C.	8RD, B.C.	124'	4014'
3 1/2"	9.3#	J-55 F.C.	8RD	SURF	124'

JTS PSN TAC MUD ANCHOR
 Size _____
 Length _____

SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

ROD ROTATOR Yes ___ No ___

GAS ACHOR Size _____ Length _____

ROD GUIDE PLACEMENT (DESCRIBE):

PUMP DATA:

MANUFR	SIZE	DESCR

COMMENTS/PERFORATIONS:

3 1/2" TBG I.D. 2.85"
 PROFILE NIPPLE I.D. 2.31"
 TOP 4 JTS OF TBG STRING IS FIBER-COTE TBG.
 NEED SLIP TYPE ELEV. FOR DUO-COTE TBG.
 SQUEEZE HOLES SHOT @ 4010', 4 HOLES.

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:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 68 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL
FOOTAGES AT SURFACE:

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		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> 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 subsidiary 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 [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 13 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

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 13 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

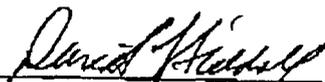
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

MAR 19 2001

DIVISION OF
OIL, GAS AND MINING

Mr. Al McKee
State of Utah
Division of Oil, Gas, & Mining
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114-5801

June 19, 2001

Dear Mr. McKee,

I have enclosed the MIT Casing Pressure Test report for the May 30, 2001 integrity test for the Rhoades Moon 1-36B5 saltwater disposal well. Dennis Ingram, DOGM State of Utah, witnessed this pressure test.

Please contact me at (435) 781-7010 with any questions or requests.

Sincerely,

Ward Maloy
Ward Maloy

RECEIVED

JUN 20 2001
DIVISION OF
OIL, GAS AND MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: N/A Date 5/30/01 Time _____ am/pm
 Test conducted by: Coastal oil + Gas Corp. Jeff Samuels
 Others present: State Rep. Dennis Ingram

Well: Rhodes Moon 1-36 B5 Well ID: API# 43-013-30289
 Field: AITAMONT / Bluebell Company: Coastal oil + Gas
 Well Location: 1-36 B5 sec. 36, T25, R5W Address: P.O. Box 120
Aitamont UT 84001

James J. Ingram (Docum State of Utah)

Time	Test #1	Test #2	Test #3
0 min	<u>1010#</u> psig	<u>3:00 P.M.</u> psig	_____ psig
5	<u>1010#</u>	_____	_____
10	<u>1010#</u>	_____	_____
15	<u>1010#</u>	_____	_____
20	<u>1010#</u>	_____	_____
25	<u>1010#</u>	_____	_____
30 min	<u>1005#</u>	_____	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	_____ psig	_____ psig	_____ psig
Result (circle)	Pass Fail	Pass Fail	Pass Fail

Signature of EPA Witness: _____
 See back of page for any additional comments & compliance followup.

INJECTION WELL - PRESSURE TEST

Well Name: RHOADES MOON 1-36B5 API Number: 43-013-
 Qtr/Qtr: NE/NE Section: 36 Township: 2S Range: 5W
 Company Name: COASTAL OIL & GAS
 Lease: State UT Fee X Federal _____ Indian _____
 Inspector: [Signature] Date: 05/30/01

Initial Conditions:

Tubing - Rate: _____ Pressure: 0 psi
 Casing/Tubing Annulus - Pressure: 1010 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1010</u>	<u>0</u>
5	<u>1010</u>	<u>0</u>
10	<u>1010</u>	<u>0</u>
15	<u>1010</u>	<u>0</u>
20	<u>1010</u>	<u>0</u>
25	<u>1010</u>	<u>0</u>
30	<u>1010</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 ~~1010~~ psi

Casing/Tubing Annulus Pressure: 1010 psi

COMMENTS: ORIGINAL TEST. HAD SMALL DRIP IN NEEDLE
VALUE ON WELL HEAD AT FIRST & LAST 2-5# DURING
FIRST 1/4 OF TEST.

[Signature]
 Operator Representative

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):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
2-9B5	43-013-30719	2410	09-02S-05W	FEE	OW	S
TEW 2-10B5 (CA 96-54)	43-013-31125	1756	10-02S-05W	FEE	OW	P
FARNSWORTH 1-12B5	43-013-30124	1645	12-02S-05W	FEE	OW	P
FARNSWORTH 2-12B5	43-013-31115	1646	12-02S-05W	FEE	OW	S
FARNSWORTH 1-13B5	43-013-30092	1610	13-02S-05W	FEE	OW	P
WRIGHT 2-13B5	43-013-31267	11115	13-02S-05W	FEE	OW	P
BURTON 2-15B5	43-013-31044	10210	15-02S-05W	FEE	OW	S
REEDER 1-17B5	43-013-30218	1710	17-02S-05W	FEE	OW	S
HANSKUTT 2-23B5	43-013-30917	9600	23-02S-05W	FEE	OW	P
POTTER 1-24B5	43-013-30356	1730	24-02S-05W	FEE	OW	P
POTTER 2-24B5	43-013-31118	1731	24-02S-05W	FEE	OW	P
MURDOCK 2-26B5	43-013-31124	1531	26-02S-05W	FEE	OW	P
BIRCH 3-27B5 (CA 96-71)	43-013-31126	1783	27-02S-05W	FEE	OW	P
BROWN 2-28B5 (CA 96-68)	43-013-30718	9131	28-02S-05W	FEE	OW	P
ROBB 2-29B5 (CA 96-56)	43-013-31130	10454	29-02S-05W	FEE	OW	P
SMITH 1-31B5	43-013-30577	1955	31-02S-05W	FEE	OW	P
BROADHEAD 2-32B5	43-013-31036	10216	32-02S-05W	FEE	OW	P
RHOADES MOON 1-35B5	43-013-30155	4715	35-02S-05W	FEE	OW	P
BROTHERSON 2-35B5	43-013-30908	9404	35-02S-05W	FEE	OW	P
RHOADES MOON 1-36B5 (CA 96-113)	43-013-30289	4765	36-02S-05W	FEE	OW	S

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- 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: 07/06/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/06/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/06/2001

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: _____

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".

EL PASO PRODUCTION COMPANY
1368 S. 1200 E., PO BOX 1148
VERNAL, UT 84078
PHONE: 435-789-4433 FAX: 435-789-4436, 435-781-7095



Fax Transmittal

To:	CHRISTOPHER KEEFER	FAX:	
COMPANY:		DATE:	
FROM:	VJAB MALCY	PHONE:	
RE:	PIRENAS MOON 1-3685	PAGES:	

Urgent
 For Review
 Please Comment
 Please Reply
 Please Recycle

Comments:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

APR 19 1994

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 34
Cement bond logging techniques and interpretation

FROM: Tom Pike, Chief *[Signature]*
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

These procedures are to be followed when running and interpreting cement bond logs for injection and production (area of review) wells.

PART I - PREPARE THE WELL

Allow cement to cure for a sufficient time to develop full compressive strength. A safe bet is to let the cement cure for 72 hours. If you run the bond log before the cement achieves its maximum compressive strength, the log may show poor bonding. Check cement handbooks for curing times.

Circulate the hole with a fluid (either water or mud) of uniform consistency. Travel times are influenced by the type of fluid in the hole. If the fluid changes between two points, the travel times may "drift," causing difficulty in interpretation and quality control.

Be prepared to run the cement bond log under pressure to reduce the effects of micro-annulus. Micro-annulus may be caused by several reasons, but the existence of a micro-annulus does not necessarily destroy the cement's ability to form a hydraulic seal. If the log shows poor bonding, rerun the log with the slightly more pressure on the casing as was present when the cement cured. This will cause the casing to expand against the cement and close the micro-annulus.

PART II - PARAMETERS TO LOG

Amplitude (mV) - This curve shows how much acoustic signal reaches a receiver and is an important indicator of cement bond. Record the amplitude on the 3 foot spaced receiver.

Travel time (μ s) - This curve shows the amount of time it takes an acoustic signal to travel between the source and a receiver. For free pipe of a given size and weight, the travel time between points is very predictable, although variable among different company's tools. Service companies should be able to provide accurate estimates of travel times for free pipe of a given size and weight. Travel time is required as a quality control measurement. Record the travel time on the 3 foot spaced receiver.

2

Variable density (VDL) - Pipe signals, formation signals, and fluid signals are usually easy to recognize on the VDL. If these signals can be identified, a practical determination for the presence or absence of cement can be made. VDL is logged on the 5 foot spaced receiver.

Casing collar locator (CCL) - Used to correlate the bond log with cased hole logs and to match casing collars with the collars that show up on the VDL portion of the display.

Gamma ray - Used to correlate the bond log with other logs.

PART III - LOGGING TECHNIQUE

Calibrate the tool in free pipe at the shop, prior to, and following the log run. Include calibration data with log.

Run receivers spaced 3 feet and 5 feet from transmitter.

Run at least 3 bow-type or rigid aluminum centralizers in vertical holes, 6 centralizers in directional holes. A CCL is not an adequate centralizer.

Complete log header with casing/cement data, tool/panel data, gate settings and tool sketch showing centralizers.

Set the amplitude gate so that skipping does not occur at amplitudes greater than 5 mV.

Record amplitude with fixed gate and note position on log.

Record amplified amplitude on a 5X scale for low amplitudes.

Record amplitude and travel time on the 3 foot receiver.

Record travel time on a 100 μ s scale (150 - 250, 200 - 300).

Logging speed should be approximately 30 ft/min.

Log repeat sections.

PART IV - QUALITY CONTROL

Compare the tool calibration data to see if the tool "drifts" during logging. Differences in the calibration data may require you to re-log the well to obtain reliable data.

Compare repeat sections to see if logging results are repeatable.

Check the logged free pipe travel times with the service company charts for the specific tool and casing size used. Since the travel times depend on such factors as casing weight, type of fluid in the hole, etc., these charts should be used only as guidelines. When you are confident of the

3

free-pipe travel times as seen on the log, use them. When interpreting the log, a decrease in travel time (faster times) with simultaneous reduction of amplitude may show a de-centered tool. A 4 to 5 micro-second (μs) decrease in travel time corresponds to about a 35% loss of amplitude. A decrease in travel time more than 4 to 5 μs is unacceptable.

PART V - LOG INTERPRETATION

Do not rely on the service company charts for amplitudes corresponding to a good bond. These amplitudes depend on many factors: type of cement used, fluid in the hole, etc.

To estimate bond index, choose intervals on the log that correspond to 0% bond and 100% bond. Read the amplitude corresponding to 100% bond from the best-bonded interval on the log (NOTE: the accuracy of this amplitude reading is very critical to the bond index calculations). Next, find the amplitude corresponding to 0% bond. Some bond logs may not include a section with free pipe. In this instance, choose the appropriate free-pipe travel time from the service company charts for your specific tool, or from the generalized chart (TABLE 2) at the end of this guidance. To calculate a bond index of 80%, use the following equation:

$$A_{80} = 10^{[(0.2)\log(A_0) + (0.8)\log(A_{100})]}$$

where:

A_{80} = Amplitude at 80% bond (mV)
 A_0 = Amplitude at 0% bond (mV)
 A_{100} = Amplitude at 100% bond (mV)

EXAMPLE

As an example, consider a bond log showing the following conditions:

- Free pipe (0% bond) amplitude at 81 mV.
- 100 % bond amplitude at 1 mV.

Substituting the above values into the equation results in:

$$A_{80} = 10^{[(0.2)\log(81) + (0.8)\log(1)]}$$

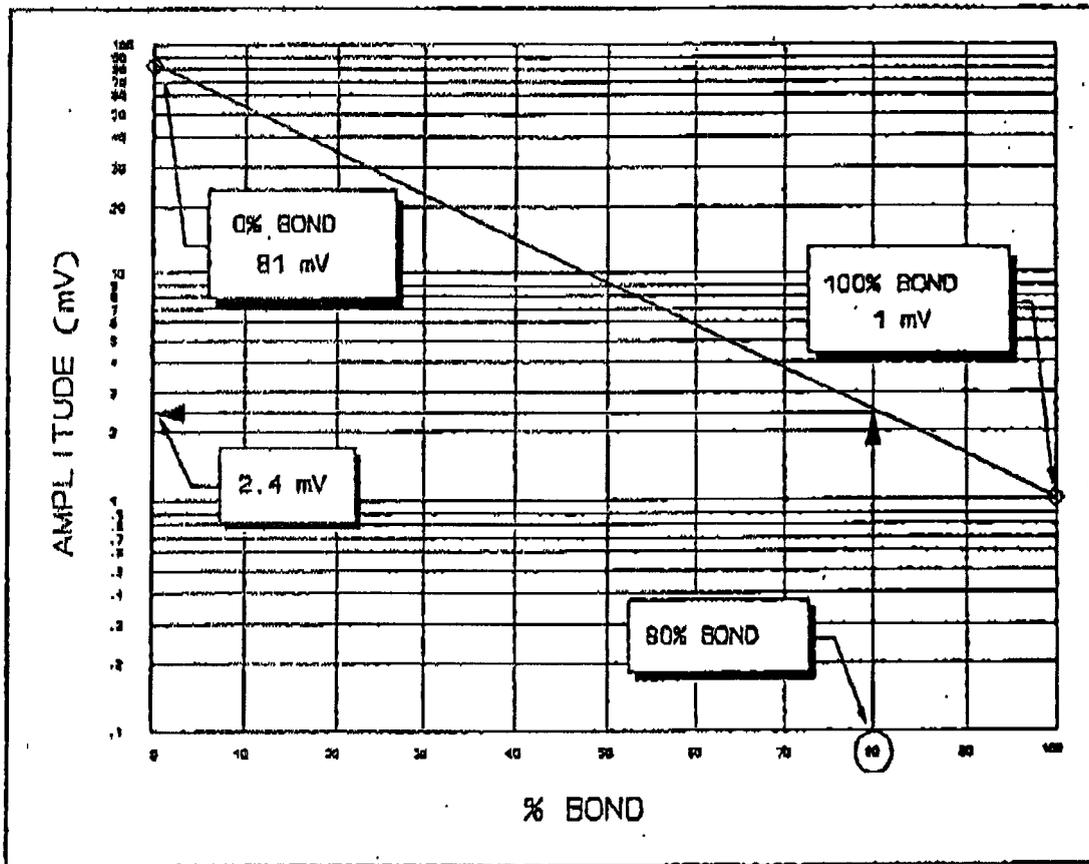
$$A_{80} = 2.41 mV$$

Another way to calculate the amplitude at 80% bond is by plotting these same log readings on a semi-log chart.

Plot the values for 0% Bond and 100% Bond vs. their respective Amplitudes on a semi-log chart - amplitudes on the log scale (y-axis), and bond indices on the linear scale (x-axis). Then, connect the points with a straight line.

To estimate the amplitude corresponding to an 80% Bond Index, enter the graph on the x-axis at 80% bond. Draw a straight line upward until you reach the diagonal line connecting the 0% and 100% points. Continue by drawing a horizontal line to the y-axis. This point on the y-axis is the amplitude corresponding to an 80% Bond Index.

Using the values from the example above, your chart will look like that shown below:



In this example, 80% bond shows an amplitude of 2.4 mV.

A convenient way to evaluate the log is to draw a line on the bond log's amplified amplitude (5X) track corresponding to the calculated 80% bond amplitude. Whenever the logged amplified amplitude (5X) curve drops below (to the left of) the drawn line, this indicates a bond of 80% or more.

5

PART IV - CONCLUSIONS - REMINDERS

Different pipe weights and cement types will affect the log readings, so be mindful of these factors in wells with varying pipe weights and staged cement or squeeze jobs.

Collars generally do not show up on the VDL track in well-bonded sections of casing.

Longer (slower) travel time due to cycle skipping or cycle stretch usually suggests good bonding.

Shorter (faster) travel times indicate a de-centered tool or a fast formation and will provide erroneous amplitude readings that make evaluation impossible through that section of the log. Fast formations do not assure that the cement contacts the formation all around the borehole.

Although the bond index is important, you should not base your assessment of the cement quality on that one factor alone. You should use the VDL to support any indication of bonding. Also, you must know how each portion of the CBL (VDL, travel time, amplitude, etc.) influences another.

Most 3'-5' CBL's cannot identify a 1/2" channel in cement. Therefore, you also need to consider the thickness of a cemented section needed to provide zone isolation. For adequate isolation in injection wells, the log should indicate a continuous 80% or greater bond through the following intervals as seen in TABLE 1, below:

TABLE 1 - INTERVALS FOR ADEQUATE BOND

PIPE DIAMETER (in)	CONTINUOUS INTERVAL WITH BOND \geq 80% (ft)
4-1/2	15
5	15
5-1/2	18
7	33
7-5/8	36
9-5/8	45
10-3/4	54

Adequately bonded cement by itself will not prevent fluid movement. If the bond log shows adequate bond through an interval where the geology allows fluid to move (permeable and/or fractured zones), fluids may move around perfectly bonded cement by travelling through the formation. Always cross-check your bond log with open hole logs to see that you have adequate bonding through the proper interval(s).

**TABLE 2 - TRAVEL TIMES AND AMPLITUDES FOR FREE PIPE
(3 FT RECEIVER)**

CASING SIZE (in)	CASING WEIGHT (lb/ft)	TRAVEL TIME (μ s)		AMPLITUDE (mV)
		1-11/16" TOOL	3-5/8" TOOL	
4-1/2	9.5	252	233	81
	11.6	250	232	81
	13.5	249	230	81
5	15.0	257	238	76
	18.0	255	236	76
	20.3	253	235	76
5-1/2	15.5	266	248	72
	17.0	265	247	72
	20.0	264	245	72
	23.0	262	243	72
7	23.0	291	271	62
	26.0	289	270	62
	29.0	288	268	62
	32.0	286	267	62
	35.0	284	265	62
	38.0	283	264	62
7-5/8	26.4	301	281	59
	29.7	299	280	59
	33.7	297	278	59
	39.0	295	276	59
9-5/8	40.0	333	313	51
	43.5	332	311	51
	47.0	330	310	51
	53.5	328	309	51
10-3/4	40.5	354	333	48
	45.5	352	332	48
	51.0	350	330	48
	55.5	349	328	48



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

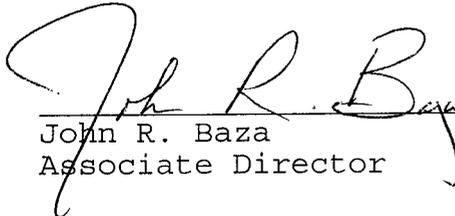
Cause No. UIC-225

Operator: ElPaso Production
Wells: Rhoades-Moon #1-36B5
Location: Section 36, Township 2 South, Range 5 West,
Duchesne County, Utah
API No.: 43-013-30289
Well Type: Disposal

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 11, 1998.
2. Maximum Allowable Injection Pressure: 1,400 psig
3. Maximum Allowable Injection Rate: 12,000 BWPD
4. Injection Interval: 4,014 feet to 5,055 feet (Uinta Formation)
5. Tracer Survey to demonstrate adequate cement bonding.

Approved by:


John R. Baza
Associate Director

6/29/2001
Date

CC: Dan Jackson, EPA

RECEIVED
OCT 30 2001
DIVISION OF
OIL, GAS AND MINING

October 29, 2001

Mr. Emmett Schmitz
US Environmental Protection Agency
999 18th Street Suite 300
8-PW-GW
Denver, CO 80202-2466

Dear Mr. Schmitz,

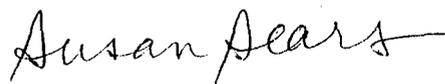
Attached is El Paso Production's RATS and SRT procedure for the Rhoades-Moon 1-36B5 to be performed in accordance with EPA guidelines to demonstrate Part II External Mechanical Integrity. The injection on the well was initiated on August 27, 2001. If the RATS survey does not show external mechanical integrity, El Paso will cease injection until the well can be repaired so that it meets all UIC program requirements for external mechanical integrity.

Please contact me or Susan with any questions or requests.

Sincerely,



Carroll Estes
Principal Environmental Specialist
El Paso Production Oil & Gas Co.
435-781-7009



Susan Sears
Sr Production Engineer
El Paso Production Oil & Gas Co.
435-781-7033

cc: Mr. Gil Hunt, DOGM, State of Utah
Mr. Carl Lakey, EPPC Rocky Mtn Director
Well File

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

Radioactive Tracer Survey and Step Rate Test Procedure

Rhoades-Moon 1-36B5
UIC No. UT2818-04357
NENE Sec. 36, T2S, R5W
Altamont Field
Duchesne County, Utah
October 29, 2001

Elevation: 6,077 ft GL 6,105 ft KB
Total Depth: 12,100 ft CIBP @ 5,240 ft
Casing: 13 3/8", 48# H40 ST&C @ 315 ft & cmt'd w/ 300 sks Class G to surf
 9 5/8", 40# J55 & N80 LT&C @ 5,799 ft, cmt'd w/ 400 sks Lite & 200 sks Class G
 7", 26# N80 & S95 LT&C @ 10,198 ft, 7" csg stub @ 4,798 ft
Liner: 5", 18# N80 @ 12,092 ft. TOL 9,872 ft, cmt'd w/ 50 sks 50/50 Poz & 160 sks
 Class G
Tubing: 3 1/2", 9.3# J-55, Duo-coated
 9 5/8" packer set @ 4,054 ft
Notes: CIBP @ 5,240 ft
 Squeeze perms @ 4,010 ft - Squeezed with 200 sks Class G cmt

Injection
Perforations: 4,114 ft to 5,055 ft

Tubular Data:

Description	ID (inches)	Drift (inches)	Capacity (bbls / ft)	Burst (psi)	Collapse (psi)
13-3/8", 48# H40	12.715	12.559	.15700	1,730	770
9-5/8", 40# J55	8.835	8.679	.07580	3,950	2,570
9-5/8", 40# N80	8.835	8.679	.07580	5,750	3,090
7", 26# N80	6.276	6.151	.0382	7,240	5,410
7", 26# S95	6.276	6.151	.0382	8,600	5,870
3-1/2", 9.3# J55	2.992	2.867	0.00870	6,980	7,400
2-7/8", 6.5# N80	2.441	2.347	0.00579	10,570	11,160

Objective:

Run Radioactive Tracer Survey to demonstrate External Mechanical Integrity under EPA Part II MI guidelines and perform a Step Rate Test.

Rhoades Moon 1-36B5
NENE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah

- **Injection Pressure needs to be maintained @ 872 psig. Note: “the maximum injection pressure used during the Radioactive Tracer Survey will become the new authorized MSIP”.**
 - **Radioactive Tracer Survey needs to be performed at equilibrium conditions (constant rate and pressure).**
 - **All logging runs to check for channeling above perforations will be performed @ 60 ft/min @ time constant of one second.**
1. Notify EPA @ 1-800-227-8917 ext 6155 or 6137 at least 48 hours in advance of performing radioactive tracer survey.
 2. MIRU pumping services company. MIRU wireline service company.
 3. Conduct tailgate safety meeting with all personnel on location.
 4. Conduct pre-job wellhead radiation survey.
 5. MU Injection Profile tool string which consists of rope socket, CCL, GR detector, ejector w/ tracer isotope and temperature tool. Install WL BOP and tool trap. Install lubricator and test for leaks.
 6. RIH tool string. Begin injection @ 872 psi and record rate @ 872 psi. Allow well to stabilize.
 7. Run injection temperature and CCL logs f/ 4084 to 4760 ft (csg stub @ 4798 ft).
 8. Run GR and CCL for base log from 4760 to 3500 ft. Correlate GR/CCL to GR/CBL/CCL dated 5-21-01. Adjust WLM depth to MD.
 9. **Intensity Profile:** Pull logging string uphole to 4084 ft and eject slug #1 of RAT. As slug travels downhole with the flow, attempt 3 passes through the RAT slug with the recorder set to depth drive before the first point of loss. This will allow for a 100% intensity reading. Note the delta times from peak to peak. Continue to make timed passes through slug #1 until strength dissipates to <10% original strength. At this point, increase GR sensitivity to the same as base log, make log pass from injection zone to 500 ft above zone. Drop tools to an appropriate depth and repeat until tracer slug is gone or has stopped completely. Increase sensitivity back to the same base log and make final log pass from injection zone to 3500 ft.
 10. **Velocity Profile:** Eject slug #2 with btm of logging string set @ 4760 ft. Place the recorder in time drive. Wait 3-5 min for the slug to travel down to the detector. After the slug has reached the detector or 5 min has passed, make a single pass through slug #2 (recorder in depth drive) to determine if there was a slug ejected and whether the reaction time was caused by fluid movement or simple dispersion of material. This is the no-flow shot.

Rhoades Moon 1-36B5
NENE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah

11. Break down the areas of loss in the zone f/ 4760 to 4084 ft by ejecting slugs of RAT between areas of interest while the tool string is stationary and the recorder is in 2" time drive. Refer to the caliper log so as not to shoot any velocity shots across drastic ID changes.
12. **Upward Channel Check:** Place top of tool string @ top perf @ 4114 ft. Run base GR log from 4114 to 3500 ft. Place the top of the tool string at an appropriate depth to eject the upward channel check slug. Remain stationary with recorder in time drive and monitor slug going past the detector to the perfs @ 4114 ft. Monitor GR returns for 15 min.
13. Place btm of tool string @ 4114 ft and shut off injection. Allow well to remain static for one hour. Run a shut-in temperature survey from 4084 to 4760 ft.
14. POOH w/ logging string. RD WL. RD service company. Conduct post-job wellhead radiation survey.
15. Consult with Vernal Engineering and EPA on RAT results. Immediately shut in well if survey reveals lack of external MI.
16. If external MI is acceptable, SWI for a minimum of 2 days to allow bottom hole pressure to stabilize and approximate shut-in formation pressure. If well flows to the surface, record the static surface pressure on the wellhead injection string.
17. MIRU pumping services company to perform step rate test (SRT). MIRU slickline company to RIH with an downhole pressure bomb to record BHP during SRT.
 - **Pump truck and treating iron used for the SRT must be clean, in excellent mechanical working order and leak free.**
 - **Measure the flow rates with a calibrated flowmeter.**
 - **Hold each rate step for 60 min.**
18. RIH w/ BHP bomb on SL. Hang BHP bomb @ 4585 ft, mid perf.
19. Begin pumping at 0.25 bpm, maintain this rate for 60 min. Record and plot rate and pressure for each time step. Increase rate to 0.5 bpm, 0.75 bpm, 1.0 bpm and successive rate increases until the injection formation breakdowns. Hold each rate step for 60 min before proceeding to the next step rate. Exceed the injection formation breakdown by 2 data points. Once the breakdown pressure has been exceeded, shut down and record ISIP.
20. RD pumping services company. POOH SL & BHP bomb. RD slickline company.
21. Put well back on injection.

Rhoades Moon 1-36B5
NENE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah

Rhoades Moon 1-36B5 Chronological History of Conversion to Saltwater Disposal Well

Work Performed during 2/13/01 to 2/21/01 Workover

- Day 1 SITP @ 300#. NDWH & NUBOP. Set 7" CIBP @ 5,240 ft. POOH. Dump bail 2 sks cmt on top of CIBP. TOC @ 5,220 ft. POOH RD OWP.
- Day 2 Pressure test 7" casing to 2000# (HELD). Attempt to chem cut csg. WL work delayed due to paraffin plugs in csg, RIH w/ wax knife, circ well. RU WL, chem cutter failed to shoot.
- Day 3 Chem cut casing @ 5,100 ft. Attempt to circ dn 9 5/8" & up 7" failed. Could not pull casing free w/ csg spear (pull to 350,000#). Weld on csg stub. RU csg jacks. RU freepoint tool & freepoint 7" csg @ 4,825 ft. Shoot collar @ 4,798 ft w/ split shot. Pull casing free.
- Day 4 Lay down 7" casing from 4,798 ft.
- Day 5 RIH w/ 9 5/8" casing scraper to 4,798 ft. Circ well clean w/ 400 bbls 2% KCl. Pressure test casing to 1500#. POOH w/ casing scraper. Run CBL/CCL/GR from 4,798 ft to 200 ft.
- Day 6 RIH w/ open ended tbg, NDBOP, NU tbg head, land tbg @ 4,767 ft. RDMO.

Wait on orders. Decision was made to perform cement squeeze to ensure external mechanical integrity prior to continuing SWD conversion.

Work Performed during 5/12/01 to 5/31/01 Workover

- Day 1 MIRU. NDWH, NUBOP. POOH w/ 2 7/8" tbg from 4736 ft. Fill csg w/ 1 bbl 2% KCl. MIRU OWP. PU 4" perf guns loaded w/ 22.7 gr charges, 4 SPF & RIH, shoot 4 holes @ 4,010 ft, POOH. RU pmp & lines. Brk dn perfs @ 2000 psi, est inj rate w/ 20 bbls @ 1.75 BPM @ 1300 psi. Bleed psi off, PU 9 5/8" CICR & RIH on wireline. Set CICR @ 3,970 ft. POOH, RD wireline. PU stinger, tally tbg & RIH, tag CICR @ 3,970 ft, space out tbg. Sting 1/2 way into CICR psi tbg to 1300 psi. Sting into CICR, psi test csg to 1500# (Held for 10 min). Bleed psi off. SWI. SDFN.
- Day 2 MIRU Serv. Co. Sting out of CICR, pmp 10 bbls fresh water, pmp 10 bbls chemical wash. Sting into CICR, Pmp 10 bbls fresh water, mix & pmp 50 sks (10.2 bbls) class G cmt w/ fluid loss and dispersant adds, displace w/ 21 bbls fresh water, hesitation squeeze cmt w/ 2 bbls fresh water, final shut in psi @ 268 psi. sting out of CICR. Pull 50 ft tbg, rev out w/ 40 bbls fresh water, RDMO Serv. Co., POOH w/ tbg from 3920 ft. SWI. SDFWE-WO cmt to set for 43 hours.

Rhoades Moon 1-36B5
NENE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah

- Day 3 PU 8 5/8" rock bit, 5- 4 5/8" drl collars & RIH on 2 7/8" tbg, tag cmt top @ 3,962 ft, drl up cmt to 3,970 ft, cont to drl on 9 5/8" CICR. Md 7" hole. SDFN.
- Day 4 Cont to drl on CICR @ 3,970 ft, drl up brass segments & rubber goods, cont to drl on btm slip segments. SDFN.
- Day 5 Cont to drl on CICR @ 3,970 ft, drl up CICR, cont to drl on cmt, brk through cmt @ 4015 ft, circ well clean, psi test to 1500 psi, leaked off to 0 psi in 15 min, psi up to 1500 psi leaked off to 200 psi in 5 min, Est inj rate @ 1/2 BPM @ 1700 psi, POOH w/ drl bit, EOT @ 2000 ft. SDFN.
- Day 6 Cont to POOH, w/ 8 5/8" drl bit f/ 2000 ft, brk off bit, stand back drl collars. PU SN & RIH on open ended 2 7/8" tbg. EOT @ 4,115 ft, SWI. SDFD, Wait on cmt.
- Day 7 MIRU Serv. Co. pmp 20 bbls fresh water pad, mix & pump 50 sks class G cmt (10.2 bbls) w/ fluid loss and dispersant adds, displace balanced plug w/ 21 bbls 2% KCl, POOH w/ 28 jts tbg, EOT @ 3,100 ft, rev out w/ 40 bbls KCl, squeeze cmt w/ 6 bbls KCl water, stage cmt 4 times w/ last 2 bbls, max psi to 850 psi, bled to 400#. Overdisplace cmt into perfs w/ 5 bbls. RIH to 4,015 ft, rev circ w/ 40 bbls. Mix & pump 100 sks class G cmt (20.4 bbls), set balanced plug w/ 19 bbls KCl, POOH to 3,100 ft, rev circ w/ 40 bbls KCl, Squeeze cmt w/ 10 bbls KCl, psi @ 1000 psi. Bled to 900 psi in 5 min, stage cmt 3 times w/ 1 1/2 bbls, squeeze locked @ 1015 psi. SWI. RDMO Serv. Co. SDFWE.
- Day 8 Bled off 800 psi. POOH w/ open ended tbg f/ 3,100 ft, PU 8 5/8" drl bit, & 5 drl collars. RIH & tag cmt top @ 3,895 ft. RU drl equip, drl cmt, fell through @ 4,025 ft, drl up stringers to 4,040 ft. Circ well clean w/ 50 bbls KCl. Psi tst to 1500 psi (HELD for 15 min test). Bleed psi off, POOH, LD drl collars & bit, MIRU wireline, PU GR/CCL/CBL log tools & RIH. Log well f/ 4758 ft to 3500 ft. POOH, log well f/ 400 ft to 200 ft (All logging performed w/ 1500 psi on well). POOH, RD wireline. SWI. SDFN.
- Day 9 RIH w/ 6" rock tooth bit, work thru 7" csg stub @ 4,798 ft, tag fill @ 5,103 ft, RU drl equip, brk circ, CO to 5,220 ft (117 ft fill), tag cmt @ 5,220 ft, above CIBP @ 5,240 ft. Rev circ well w/ 400 bbls 2% KCl. RD drl equip. POOH w/ bit. SWI. SDFN.
- Day 10 MIRU wireline. PU 4" perf guns loaded w/ 22.7 gram charges, 4 SPF, make 7 perf runs, shoot 400 holes f/ 4,114 ft to 5,055 ft. POOH, RD wireline. PU 9 5/8" HD pkr, SN, & RIH on 2 7/8" tbg. Set pkr @ 4,045 ft. RU swab equip, & swab, IFL @ surf, made 3 runs, FL @ 3,800 ft, tbg plugged w/ dehydrated asphaltene. Displace oil out of tbg w/ 26 bbls 2% KCl, brk dn formation @ 1250 psi, est inj rate w/ 10 bbls 2% KCl, 3 BPM @ 800 psi, flowback 11 bbls, ru swab equip, made 5 swab runs, rec 48 bbls. FFL @ 4,045 ft. SDFN.
- Day 11 Made 7 swab runs, rec 22 bbls, caught samples for water analysis. FFL @ 4,000 ft. SDFD.
- Day 12 MIRU Serv. Co. Acidize well w/ 6,000 gals 15% HCl diverting w/ 600 1.3 SG ballsealers, flush w/ 110 bbls 2% KCl, TL @ 229 bbls, ISIP @ 280 psi. Surge balls off perfs, wait 10 minutes, & est inj. rates of 4 BPM @ 520 psi, 5 BPM @ 670 psi, 6 BPM @ 870 psi. Max psi @ 3,800 psi, avg psi @ 2400 psi, max rate @ 14 BPM, avg rate

Rhoades Moon 1-36B5
NENE Sec 36, T2S, R5W
Altamont Field
Duchesne County, Utah

@ 10 BPM. Good diversion. RDMO Serv. Co. Flow back to flat tank, 280 psi @ 1 BPM. Flowed back 95 bbls, pH 3, well died. RU swab equip & begin swabbing. IFL @ surf. Made 23 runs recovering 160 bbls, FFL @ 3,400 ft. Final pH @ 6. SWI. SDFWE. (Memorial Day Weekend)

Day 13 RU swab, tag fluid level @ 1,100 ft, (84 hour shut in). RIs 9 5/8" pkr @ 4,045 ft. RIH to knock off ballsealers to 7" casing stub. POOH w/ tbg, LD pkr, MU 6 1/8" drl bit & RIH, knock off ballsealers in 7" csg to 5,220 ft. POOH LD bit. XO to 3 1/2" equip. MU 9 5/8" plastic coated pkr, 2.31" profile nipple, On-Off tool, & RIH on 3 1/2" Duo-Cote tbg (2.65" ID) drifting each jt. EOT @ 2,200 ft. SDFN.

Day 14 Cont to RIH w/ 3 1/2" J-55 Dou-Cote tbg to 4054 ft. NDBOP, NU tbg head. RU pmp & lines, circ 275 bbls pkr fluid dn csg up tbg. Set pkr @ 4,054 ft land tbg w/ 5000# TEN. RU psi chart & perform MIT. Held 1010 psi. for 30 min. Dennis Ingram (UOGM) witness. Bleed psi off. 9 to 10 gals in returns. NUWH. SWI. RDMO.

DATE: 05/30/01

WELL: 1-36B5

COUNTY: Duchesne

SEC: 36

FOREMAN: JEFF SAMUELS

FIELD: Altamont / Bluebell

STATE: Utah

TWS: 2S

RGE: 5W

KB 28'

RIG No. MILES WELL SVC. #1

Tbg Hanger 1.1'

3 1/2" DUO-COTE TBG 4014'

13 3/8" SURF CSG 315'

Fluid Circulated @ 72 deg F

9 5/8" PROD CSG. 5799'

SQZ HOLES 4 HOLES @ 4010'

3 1/2"X2 7/8"X-O 4043.57'

ON-OFF TOOL @ 4045.14'

PROFILE NIP @ 4046'

9 5/8" PKR @ 4054.09'

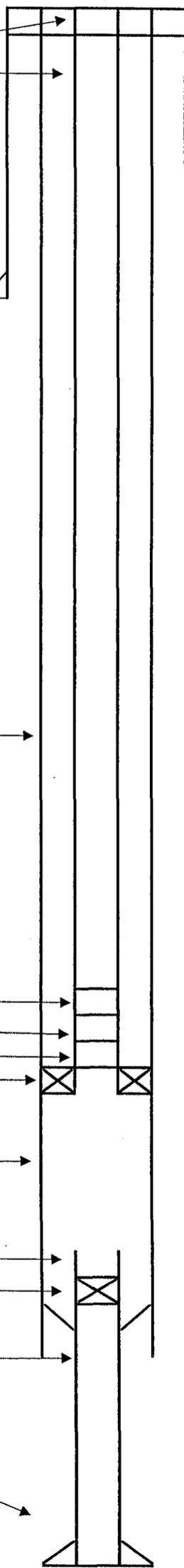
PERF'S @ 4114' TO 5055'

7" CSG STUB @ 4798'

7" CIBP @ 5240'

7" CGS

TOT. DEPTH 12100'



CASING RECORD

Table with columns: SIZE, WT, GRADE, THD, FROM, TO. Rows include 13 3/8" H-40 ST&C, 9 5/8" N-80 LT&C, and 7" N-80 LT&C.

D.C. = DUO-COTE
F.C. = FIBER-COTE
B.C. = BEVELED COLLARS

TUBING RECORD

Table with columns: SIZE, WT, GRADE, THD, FROM, TO. Rows include 3 1/2" J-55 D.C. 8RD, B.C. and 3 1/2" J-55 F.C. 8RD.

Table with columns: JTS, PSN, TAC, MUD ANCHOR. Includes sub-headers for Size and Length.

SUCKER ROD RECORD

Table with columns: NO, SIZE, GRADE, CPLG.

ROD ROTATOR Yes No

GAS ACHOR Size Length

ROD GUIDE PLACEMENT (DESCRIBE):

PUMP DATA:

Table with columns: MANUFR, SIZE, DESCR. Includes sub-headers for SPM and SL.

COMMENTS/PERFORATIONS:

3 1/2" TBG I.D. 2.65"
PROFILE NIPPLE I.D. 2.31"
TOP 4 JTS OF TBG STRING IS FIBER-COTE TBG.
NEED SLIP TYPE ELEV. FOR DUO-COTE TBG.
SQUEEZE HOLES SHOT @ 4010', 4 HOLES.

November 26, 2001

Mr. Dan Jackson
US Environmental Protection Agency
999 18th Street Suite 300
8-PW-GW
Denver, CO 80202-2466

RECEIVED

NOV 27 2001

DIVISION OF
OIL, GAS AND MINING

Dear Mr. Jackson,

Enclosed is El Paso Production's SRT data and the RATS log for the Rhoades-Moon 1-36B5. The SRT was performed on 11/13/01 and the RATS on 11/14/01 following the procedure submitted to the EPA on 10/29/01. The well was put back on injection following the RATS. The RATS was performed at 950 psi, using the breakdown pressure obtained in the SRT. The RATS indicated that the Rhoades-Moon 1-36B5 has Part II External MI above the injection zone.

El Paso will continue to inject on the Rhoades-Moon 1-36B5 unless the EPA determines that the RATS does not demonstrate Part II External MI.

25 SW 36

Please contact me or Susan with any questions or requests.

Sincerely,



Carroll Estes
Principal Environmental Specialist
El Paso Production Oil & Gas Co.
435-781-7009



Susan Sears
Sr Production Engineer
El Paso Production Oil & Gas Co.
435-781-7033

cc: Mr. Gil Hunt, DOGM, State of Utah
Mr. Carl Lakey, EPPC Rocky Mtn Director
Mr. Bill McGaughey, Altamont Prod Mgr
Vernal Well File
Altamont Well File

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Step Rate Test Data

Well Name: Rhoades-Moon 1-36B5 Date: 11/13/2001 Operator: El Paso Production

Step #1	Rate (bpm) = 0.3					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	137	151	156	151	146	146	150

Step #2	Rate (bpm) = 0.5					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	150	124	124	128	146	142	150

Step #3	Rate (bpm) = 1.0					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	150	165	160	165	160	165	152
DH Pressure (psi)	2148	2148	2148	2148	2148	2148	2148

Step #4	Rate (bpm) = 2.0					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	152	183	211	261	215	220	261

Step #5	Rate (bpm) = 4.0					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	302	366	366	366	371	371	375

Step #6	Rate (bpm) = 6.0					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	453	623	623	613	623	623	635

Step #7	Rate (bpm) = 8.0					
----------------	-------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	696	916	916	938	948	948	1000

Step #8	Rate (bpm) = 10.0					
----------------	--------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	975	1208	1254	2141	1250	1268	1330

Step #10	Rate (bpm) = 11.1					
-----------------	--------------------------	--	--	--	--	--

Time (min)	0	5	10	15	20	25	30
Surf Pressure (psi)	1552	1602	1543	1685	1602	1561	1560

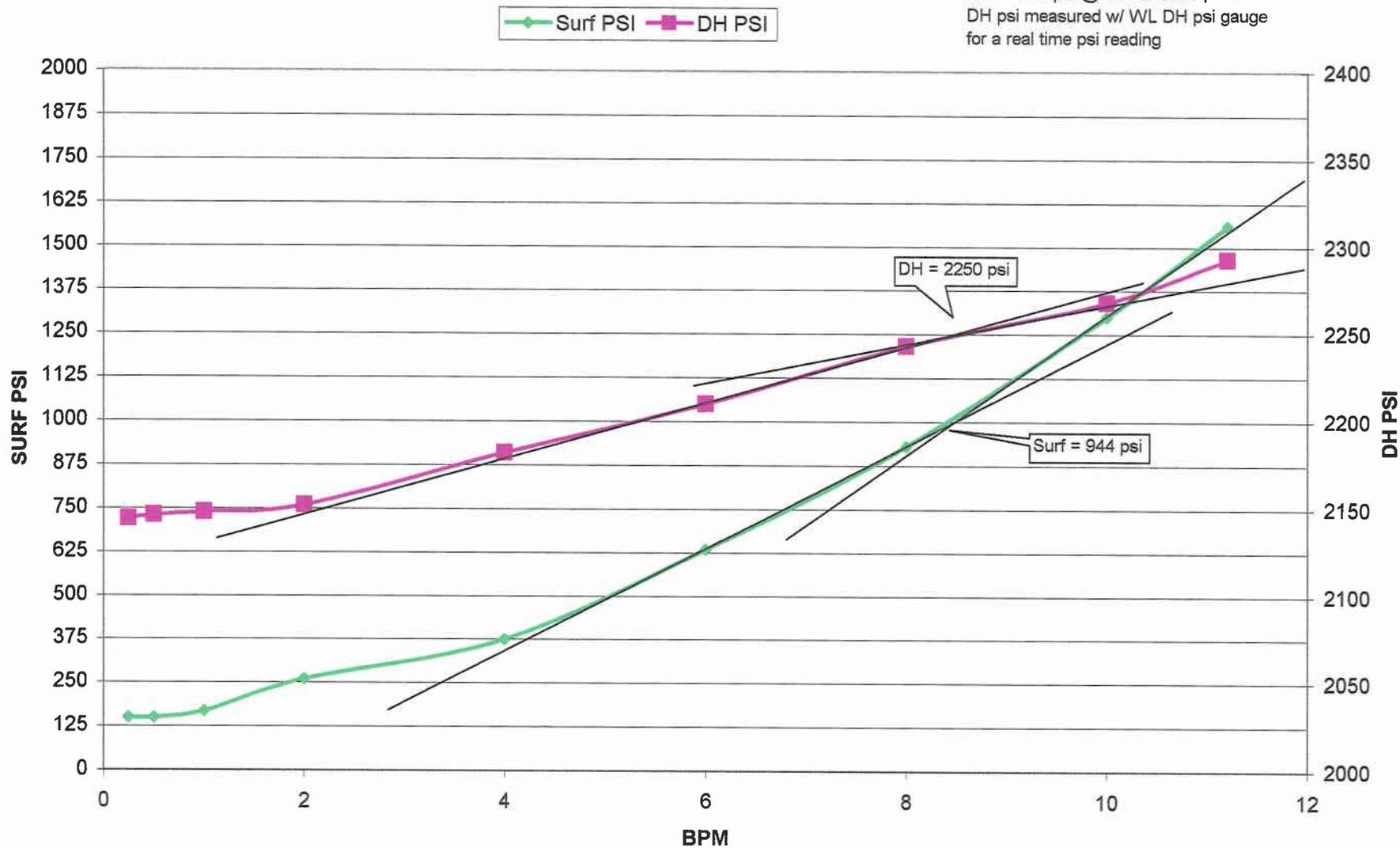
ISIP:	270 psi
-------	---------

Frac Gradient Calculation:	$(270 \text{ psi} + (0.443 * 4585)) / 4585 \text{ ft} = 0.502 \text{ psi / ft}$
----------------------------	---

Rate vs Pressure 1-36B5

11/13/01

DH Breakdown psi = 2250 psi
 Surf Breakdown psi = 944 psi
 ISIP = 270 psi @ surf or 2301 psi DH
 DH psi measured w/ WL DH psi gauge
 for a real time psi reading



Mr. Dan Jarvis
Senior Petroleum Specialist / Geologist

February 6, 2003

Dan, this is a copy of the chart for the MIT on the Rhoades Moon 1-36B5 SWD. I will also put a hard copy in the mail to your attention. Please notify me as to when I can start injection.

Sincerely,

W.G. McGaughey
Field Production Manager
Altamont, Utah
Office 435-454-4223
Fax 435-454-3970
Cell 435-790-1375

RECEIVED
FEB 06 2003
DIV. OF OIL, GAS & MINING

elpaso Production
P.O. BOX 120
ALTAMONT, UTAH 84001
PHONE # (435) 454-3394
FAX # (435) 454-3970

Date: 2-6-03

FACSIMILE TRANSMITTAL PAGE

This transmission consists of 3 pages (including cover)

TO: MR. DAN JARVIS

FROM: W.G. McLaughley

Instructions:

MIT chart on Rhoades moon
1-36-B5

For the above specified pages, please call sender, (435) 454-3394.

RECEIVED

FEB 06 2003

DIV. OF OIL, GAS & MINING

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

6. Lease Designation and Serial Number Fee
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Rhoades Moon 1-36-B5
10. API Well Number 43-013-30289
11. Field and Pool, or Wildcat Alatmont

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other (specify) <u>SWD</u>	
2. Name of Operator El Paso Production Oil & Gas CO.	
3. Address of Operator P.O. Box 120, Altamont Utah 84001	4. Telephone Number 435-454-3394
5. Location of Well Footage : 1178' FNL & 1178' FEL County : Duchesne QQ, Sec. T., R., M : NE/NE Sec. 36 T2S, R5W State : Utah	

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

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Extension of injection interval</u>	

Approximate Date Work Will Start January 27, 2003

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

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 well experienced a MIT failure on January 8, 2003 and was shut in. Work to restore MIT was started on January 27, 2003. When attempting to remove the packer from the well, a tight spot in the casing at 4010' prevented the packer from being pulled. An attempt to run the packer to Plug Back Total Depth also ran into a restriction at 4060'. The tubing was cut of at 4044' and the packer was left in the hole and the tubing removed. A 8.5 drill bit was ran on tubing and stacked out at 3911' during an attempted to clean out. Eleven inches of hole was made in one and a half hours. The bit was pulled and showed the outside of the teeth worn. A Retrievable Bridge Plug was ran and set at 3886 feet and the tubing / casing annulus was tested to 1000 PSI, for 15 minutes and held.

Do to the above mentioned circumstances El Paso is requesting and extension to the existing injection interval to include the Squeeze holes in the casing at 4010' and placement off the packer at 3886'. A MIT test will be preformed and if the well passes the MIT test a RAT survey will be preformed after the well has been stabilized at it's monthly average injection pressure to insure zone isolation.

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

Name & Signature William G. McGaughey *W. McGaughey* Title Field Prod. Manager Date 02/05/03

(State Use Only)
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: Feb 13, 2003
BY: Lisha Cordeiro

** Submit copy of RAT survey for Division review.*

RECEIVED
FEB 10 2003
DIV. OF OIL, GAS & MINING

PRINTED IN U.S.A.

FIRST DAY

SECOND

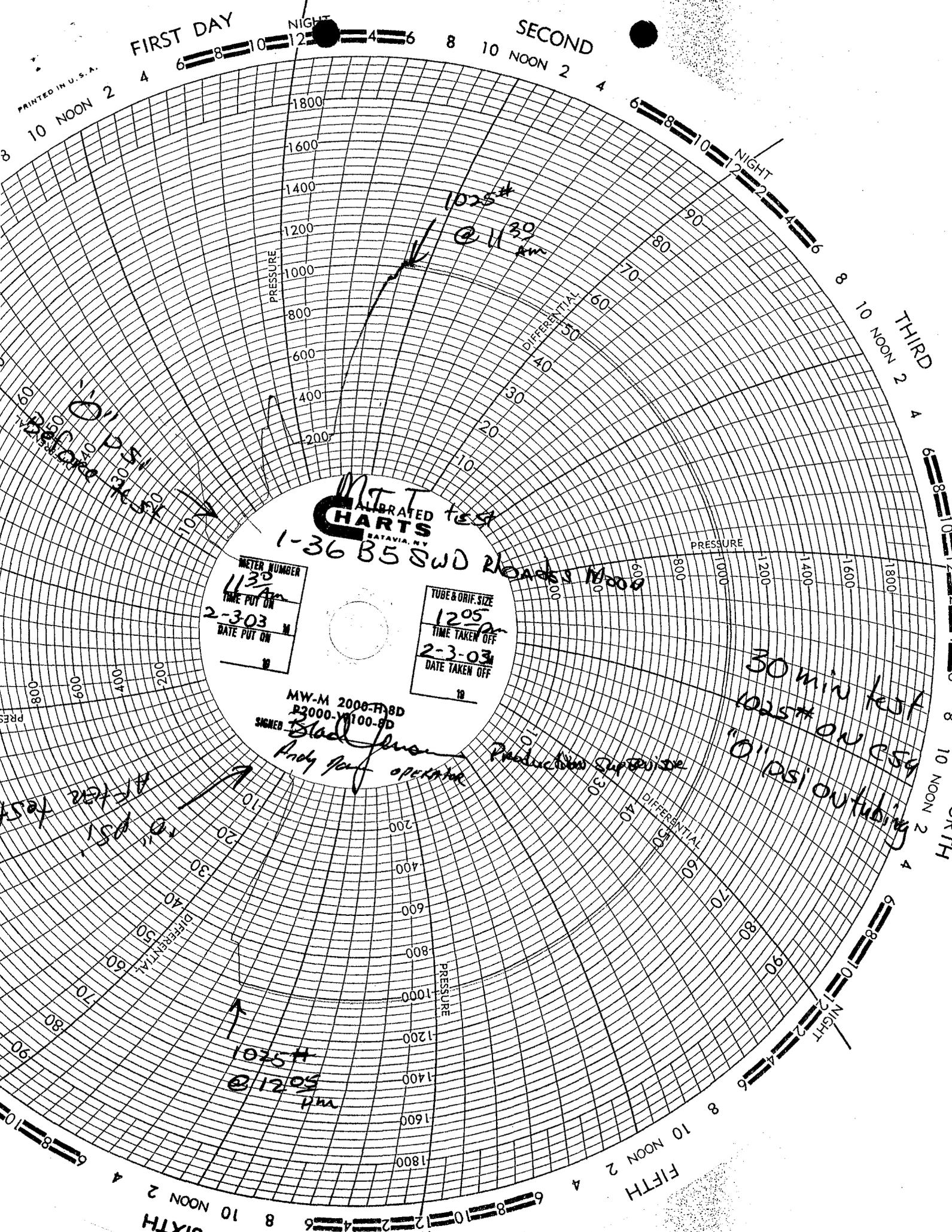
NIGHT

THIRD

FOURTH

FIFTH

SIXTH



Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Rhodes 1-3685

Suspense

Other

(Loc.) Sec 36 Twp 2S Rng. 5W

(Return Date) _____

(API No.) 43-013-30289

(To-Initials) _____

1. Date of Phone Call: 2-13-03 Time: 11:00

2. DOGM Employee (name) J. Cordova (Initiated Call)

Talked to:

Name Don Jarvis (Initiated Call) - Phone No. () _____
of (Company/Organization) DOGm

3. Topic of Conversation: EPA NOV

4. Highlights of Conversation: _____

EPA issued an NOV to this well in error. Well is not part of EPA's jurisdiction. Follow-up from El Paso to EPA (letter attached) is to close out EPA's NOV.

See "addendum to Statement of Basis", dated 2-13-03.

February 4, 2002

United States Environmental Protection Agency
Region 8
999 18th Street, Suite 300
Denver, Colorado 80202-2466

RECEIVED

FEB 11 2003

Attention: Ms. Elisabeth Evans, Director
Technical Enforcement Program

Re: Underground Injection Control (UIC)
Notice of Violation: Loss of Mechanical Integrity
Rhodes-Moon #1-36B5
EPA Permit # UT20818-04357
Altamont Field
Duschene County, Utah

Ms. Elisabeth Evans:

El Paso Production Company (EPPC) is in receipt of your letter of January 9, 2003 regarding the above referenced Notice of Violation to EPA Permit # UT20818-04357.

Consistent with your request, EPPC would like to provide the following information update. Upon indication that the mechanical integrity of the well had been compromised, the well was immediately secured. During the week of January 27, 2003, EPPC contracted for a workover rig to arrive on location, rig-up on the subject well, enter the well bore with the objective of isolating the integrity breach and repairing the same. This procedure revealed a leak in the well casing.

Be advised that corrective down-hole procedures we implemented to repair the mechanical integrity breach. It is anticipated that all repairs will be completed and the rig removed by the week of February 3, 2003. Once the rig is removed, EPPC will schedule with the required agencies and/or persons, for the witnessing of the required Mechanical Integrity Test.

It is important to note that all down-hole procedures were conducted in coordination with the State of Utah's Division of Oil, Gas and Mining, Mr. Dan Jarvis.

If there are any questions or if additional information is needed, please feel free to call.

Very truly yours,

A handwritten signature in black ink, appearing to read "Michael E. McAllister". The signature is fluid and cursive, with a long horizontal stroke at the end.

Michael E. McAllister Ph.D.

Cc: Dan Jarvis
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

February 13, 2003

Memo to file:

Re: Addendum to Statement of Basis - El Paso Prod. O&G Company - Rhoades Moon 1-36-B5, Sec. 36, T.2S, R.5W, Duchesne County, Utah, API No. 43-013-30289

Reviewer(s): Lisha Cordova/Dan Jarvis

Amended injection interval from 4014-5055' (Uinta) to 4010-5055' (Uinta), and approved packer placement from 4054' to 3886'.

The well experienced MIT failure on January 8, 2003, and was shut-in. Repair work started January 27, 2003. Attempts to remove packer failed, tight spot at 4010'. Attempt to run packer to PBSD failed, tight spot at 4060'. The tubing was cut off at 4044', packer was left in hole, and the tubing was removed. A 8.5 drill bit was ran on tubing and stacked out at 3911' during an attempt to clean out, eleven inches of hole was made in 1 ½ hours, bit was pulled and showed outside teeth worn. A retrievable bridge plug was ran and set at 3886' and the tubing/casing annulus was tested to 1000 PSI for 15 minutes and held. Due to above circumstances, EL Paso requested an extended injection interval to include squeezed holes in the casing at 4010', and placement of the packer at 3886'.

A review of the Cement Bond Log, and permit Statement of Basis and supporting documentation, indicates that there is approximately 61-62% average bond within 100 feet above the injection perforations (4014-5055'). The permit was issued on August 11, 1998, with a stipulation that a tracer survey was necessary to demonstrate adequate cement bond. An acceptable RAT survey was ran on November 14, 2001.

The base of moderately saline ground water in this area is as shallow as 2077 feet, to as deep as 3400 feet. The upper confining zone consists of impermeable shale, siltstone and limestone beds of the Uinta Formation with an un-perforated interval of approximately 500 feet at the top of the Lower Uinta Formation. Any shallow fresh water zones will be adequately protected by cement bond, the confining zone, and packer placement at 3886 feet.

Following repair operations, an acceptable MIT was ran on February 3, 2003, 1025 PSI was held for 30 minutes with no loss of pressure. In addition, El Paso intends to run another RAT survey to insure zone isolation. The Division will review the RAT survey when received to confirm zone isolation, and external MIT.

February 19, 2003

United States Environmental Protection Agency
Region 8
999 18th Street, Suite 300
Denver, Colorado 80202-2466

Attention: Ms. Elisabeth Evans, Director
Technical Enforcement Program

Re: Underground Injection Control (UIC)
Notice of Violation: Loss of Mechanical Integrity
Rhodes-Moon #1-36B5
EPA Permit # UT20818-04357
Altamont Field
Duschene County, Utah

Ms. Elisabeth Evans:

El Paso Production Company is pleased to advise your office that the corrective down-hole activities, to repair the mechanical integrity breach in the above referenced well, have been completed. Copies of the test chart verifying the successful passing of the Mechanical Integrity Test have been furnished to the State of Utah's Division of Oil, Gas and Mining, Mr. Dan Jarvis. Following Mr. Jarvis's review of the documentation, he gave verbal approval to place the well in service and begin injecting.

If there are any questions or if additional information is needed, please feel free to call.

Very truly yours,



Michael E. McAllister Ph.D.

Cc: Dan Jarvis – Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Bill McGaughey – El Paso, Altamont, Utah

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

RECEIVED

FEB 25 2003

DIV. OF OIL, GAS & MINING

RAN BEFORE AND AFTER BACKGROUND GAMMA-RAY; CCL AND RADIOACTIVE WATER
TRACER SURVEYS TO CHECK INTEGRITY OF SQUEEZED PERF AT 4010'.

RADIOACTIVE WATER TRACER SURVEYS INDICATE ALL FLUID BEING INJECTED IS
EXITING WELLBORE BELOW G.D.A. OF 4044'. FOUND NO INDICATION OF UPWARD
MOVEMENT OF FLUID (CHANNELING) COMING FROM SQUEEZED PERF AT 4010'.
RADIOACTIVE WATER TRACER SURVEYS CHECK SQUEEZED PERF AT 4010' O.K.

METERED INJECTION RATE AT START OF SURVEY: 6000 B/D AT 600 P.S.I.
METERED INJECTION RATE AT END OF SURVEY : 6000 B/D AT 635 P.S.I.
TOTAL VOLUME INJECTED DURING SURVEY : 660 BARRELS.

RADIOACTIVE TRACER USED WAS I-131 RADIOACTIVE WATER TRACER.

GAMMA-RAY SURVEYS WERE RAN AT 50' PER MINUTE WITH A TIME CONSTANT OF 1.

" THANK YOU FOR USING P.L.S. "

PACKER

3900

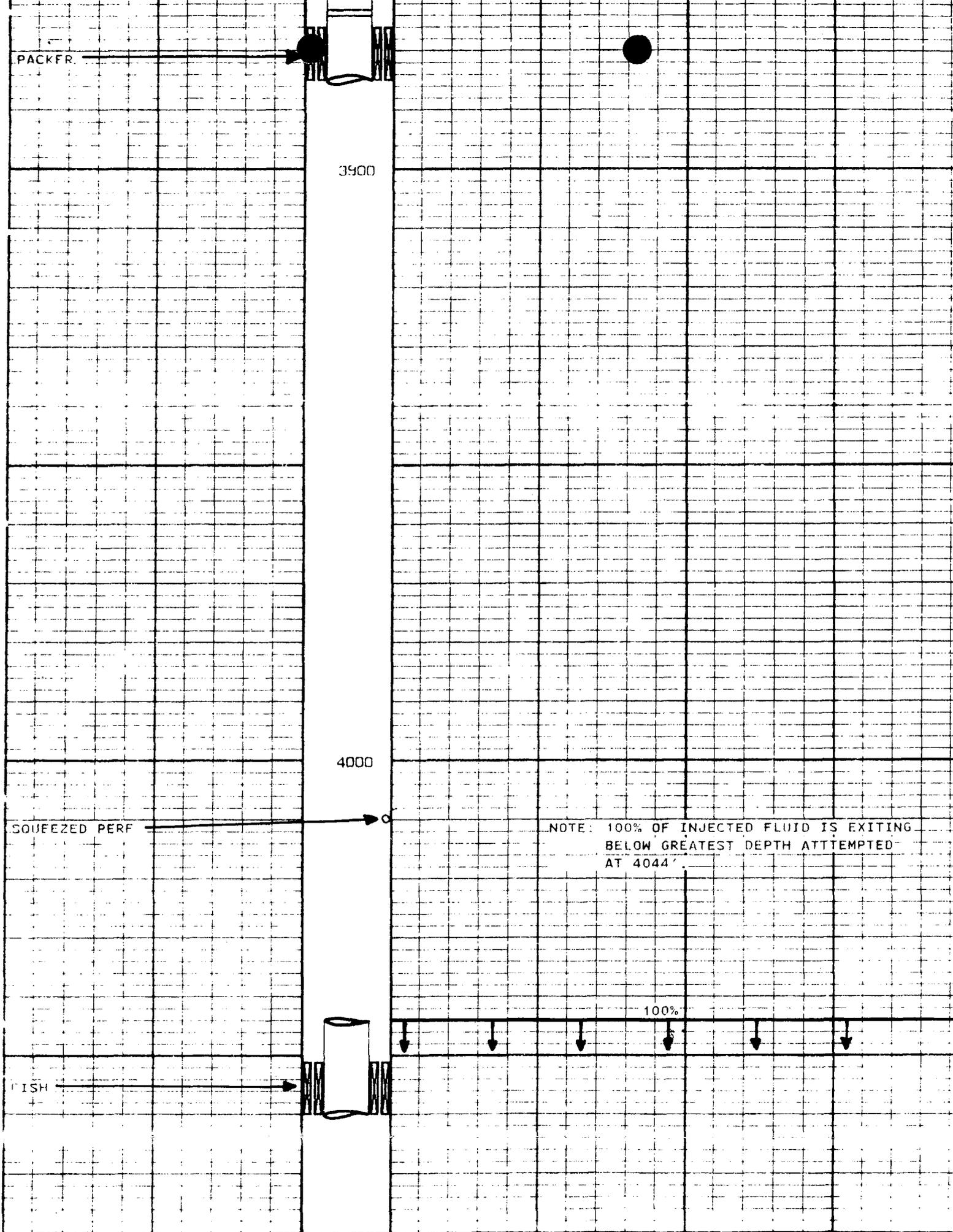
4000

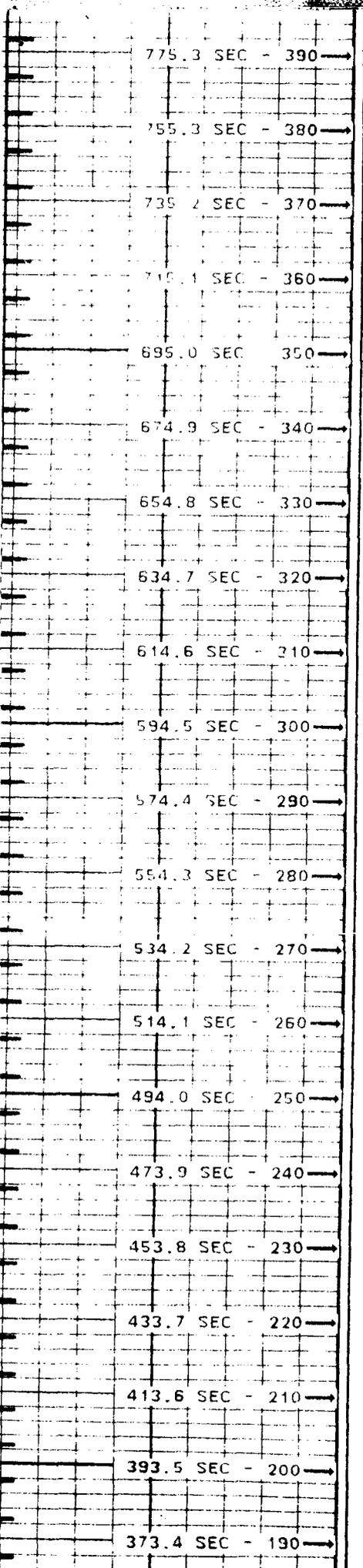
SQUEEZED PERF

NOTE: 100% OF INJECTED FLUID IS EXITING
BELOW GREATEST DEPTH ATTEMPTED
AT 4044'

FISH

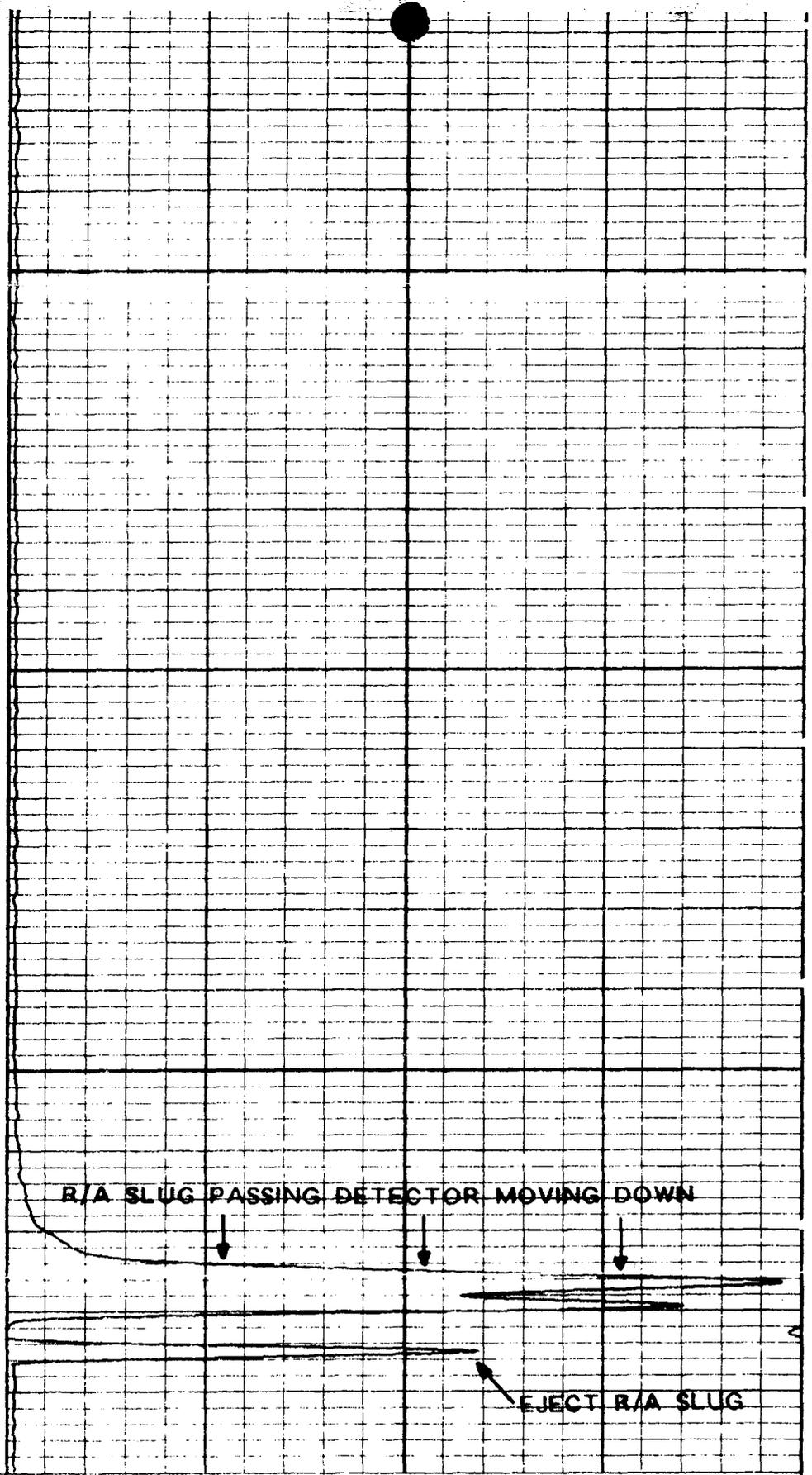
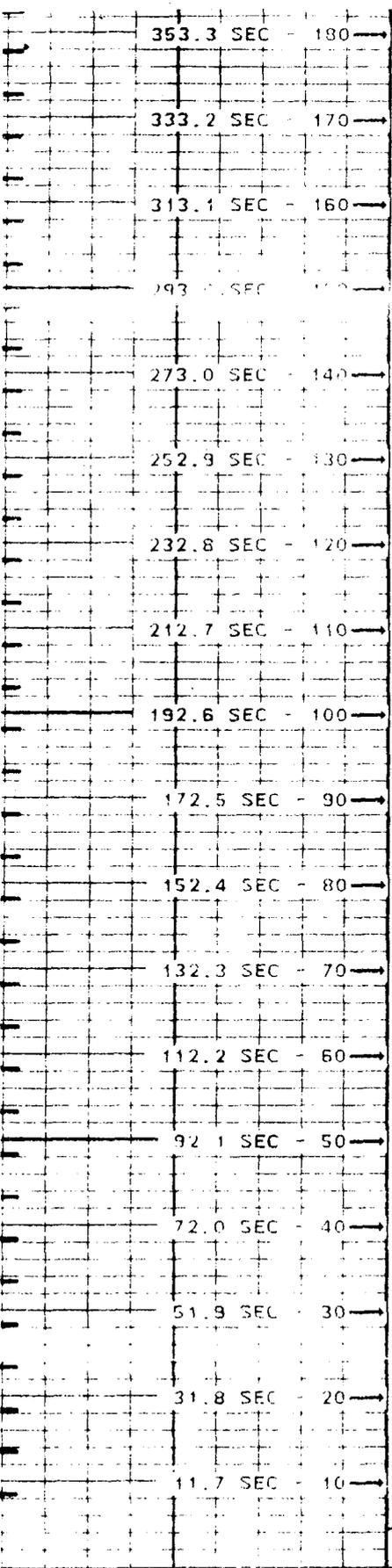
100%





GAMMA-RAY DETECTOR STATIONARY AT 3990'

30" = 1 MINUTE

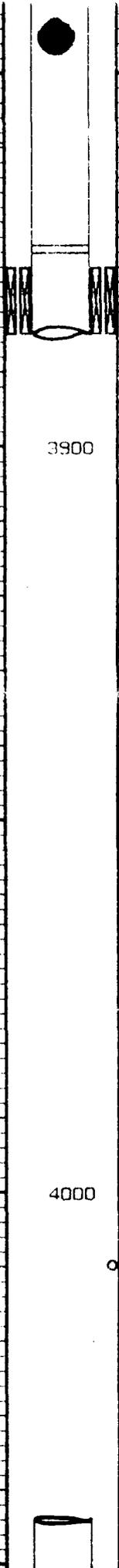
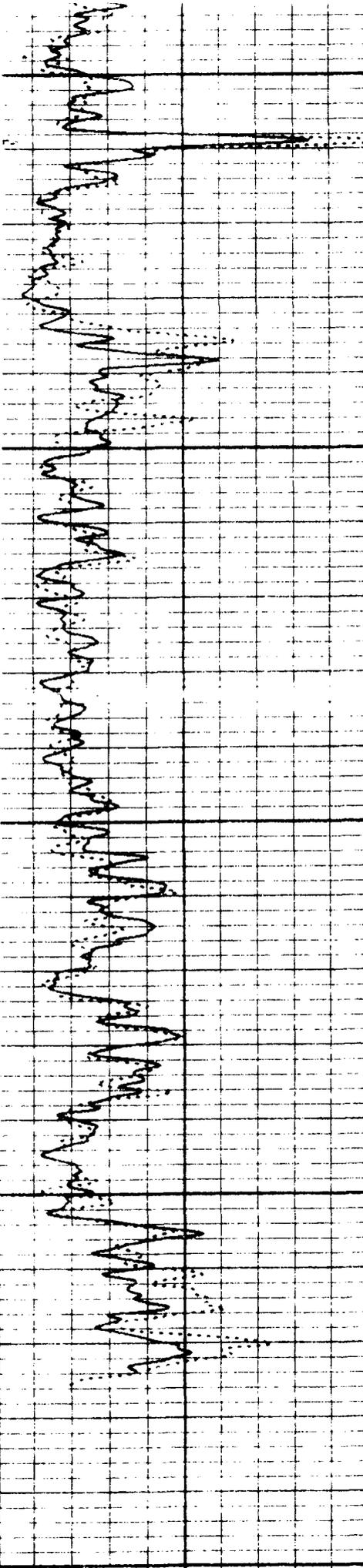


SAMPLE
0 10

TIME FROM EJECTION
SECONDS 28

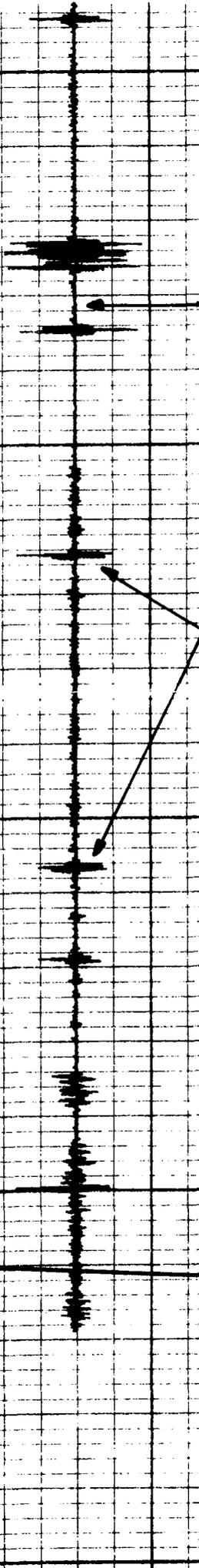
GAMMA RAY
API

2500



3900

4000



PACKER

CASING COLLARS

SQUEEZED PERF

FTSH

From: Lisha Cordova
To: Carol Daniels
Subject: El Paso-Rhoades Moon 1-36-B5

Hi Carol,

I'm waiting for a radioactive tracer (RAT) survey from El Paso for the Rhoades Moon 1-36-B5 (WDW) / 43-013-30289. I put a note in the O&G system for you. The survey comes in the form of a log and is sometimes referred to as a profile log. If you have any questions come see me.

Thank you!

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

X Operator Name Change

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
FROM: (Old Operator): N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	TO: (New Operator): N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
CA No.	Unit:

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: _____ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: _____
- 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 not yet BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 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: 7/14/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
 The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (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: 7/20/2006

COMMENTS:

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: MULTIPLE LEASES
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113	PHONE NUMBER: (505) 344-9380	10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: UINTAH & DUCHESNE
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		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> 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 PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO 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.

El Paso E & P Company, L. P. *N3065*
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <i>Cheryl Cameron</i>	DATE 6/20/2006

(This space for State use only)

APPROVED *7/19/06*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED
JUL 05 2006
DIV. OF OIL, GAS & MINING

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number RHOADES MOON 1-36B5	API Number 4301330289
Location of Well Footage : 1178' FNL, 1178' FEL County : DUCHESNE QQ, Section, Township, Range: NENE 36 2S 5W State : UTAH	Field or Unit Name ALTAMONT/BLUEBELL Lease Designation and Number FEE

EFFECTIVE DATE OF TRANSFER: 6/30/2006

CURRENT OPERATOR

Company: EL PASO PRODUCTION OIL & GAS COMPANY
Address: 1339 EL SEGUNDO AVE NE
city ALBUQUERQUE state NM zip 87113
Phone: (505) 344-9280
Comments:

Name: CHERYL CAMERON
Signature: 
Title: REGULATORY ANALYST
Date: 6/6/2006

NEW OPERATOR

Company: EL PASO E&P COMPANY, L.P.
Address: 1339 EL SEGUNDO AVE NE
city ALBUQUERQUE state NM zip 87113
Phone: (505) 344-9380
Comments:

Name: CHERYL CAMERON
Signature: 
Title: REGULATORY ANALYST
Date: 6/6/2006

(This space for State use only)

Transfer approved by: 
Title: Geologist

Approval Date: 7/14/06

Comments:



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 6, 2008

Brad Jensen
El Paso E&P Company, LP
P.O. Box 120
Altamont, Utah 84001

43 013 30289
Rhoades Moon 1-36B5
25 5W 36

SUBJECT: Pressure Test for Mechanical Integrity, SWD wells located in Duchesne County, Utah

Dear Mr. Jensen:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. Please make arrangements to test the attached list of wells as soon as possible and ready the wells for testing as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the well(s) to be tested on the arranged date the test(s) may be rescheduled.

4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection well(s) must be shut-in 24 hours prior to testing.

Please contact Dennis Ingram at (435) 722-7584 or (435) 722-3417 to arrange a meeting time and place.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Jarvis". The signature is written in a cursive style with a large, looping initial "D".

Dan Jarvis
Field Operations Manager/UIC Geologist

DJ/js

cc: Dennis Ingram, Petroleum Specialist
Well File

Wells Requiring Mechanical Integrity Testing

Rhoades Moon 1-36B5
G Hansen 2-4B3
LDS Church 2-27B5
Ehrich 2-11B5

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency Region 8
Underground Injection Control Program
1595 Wynkoop Street, Denver, CO 80202-1129

EPA Witness: _____ Date: 12/21/2008
Test conducted by: Chad Horrocks
Others present: Michael Planishek, Greg Hyder

Well Name: <u>Rhodes Moon 1-36B5</u>	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: <u>Altamont</u> Sec: <u>36 T 2 N 10 R 5 E 10</u> County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: _____		
Last MIT: <u>02/03/2003</u> Maximum Allowable Pressure: <u>925</u> PSIG		

- Is this a regularly scheduled test? Yes No
- Initial test for permit? Yes No
- Test after well rework? Yes No
- Well injecting during test? Yes No

U2 Entered
Date 1-5-09
Initial NW

Pre-test casing/tubing annulus pressure: 0 psig

If Yes, rate: _____ bpd
RECEIVED
FEB 02 2009

MIT DATA TABLE

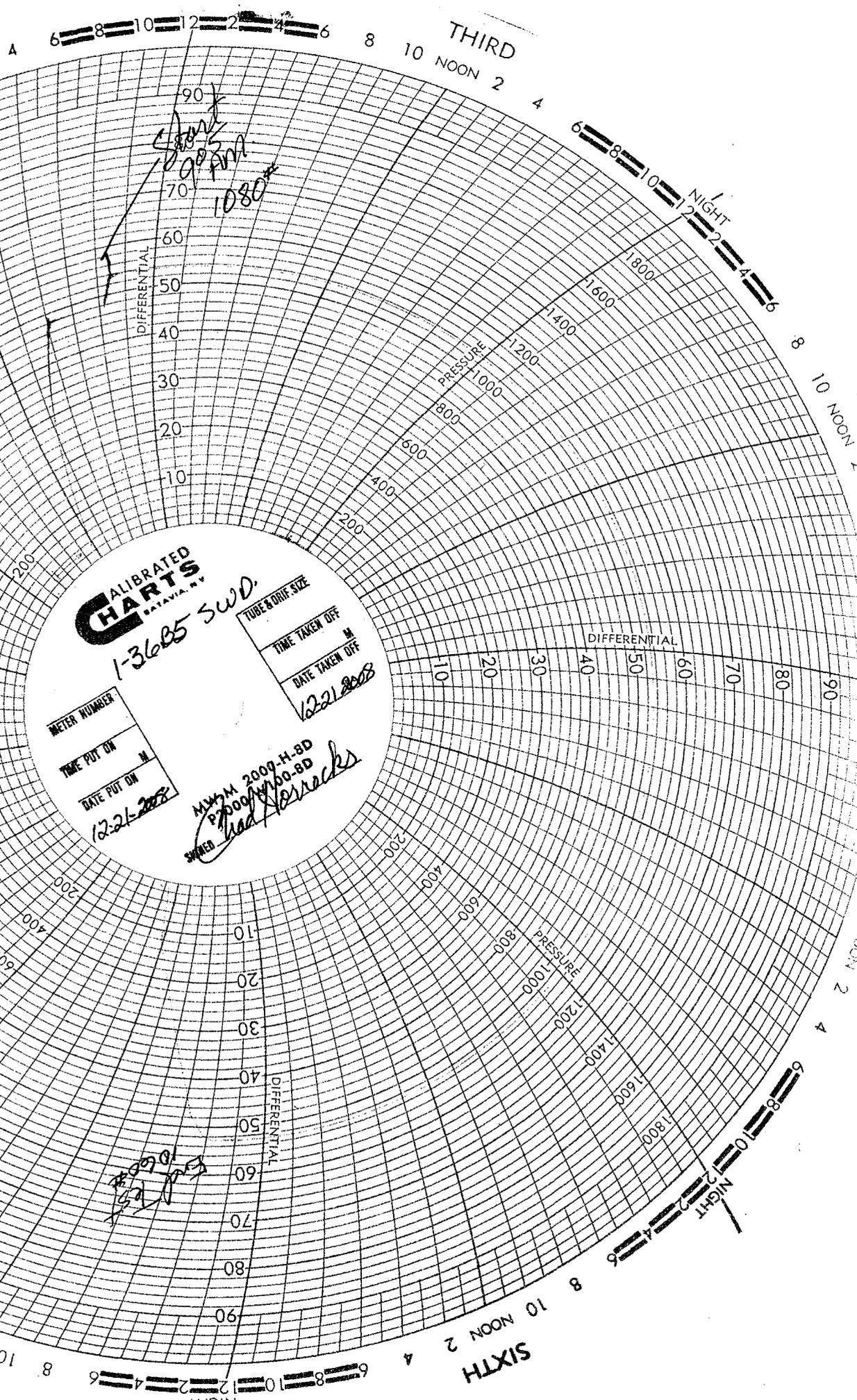
Test #1		Test #2		DIV. OF OIL, GAS & MINING	
TUBING PRESSURE					
Initial Pressure	<u>380</u> psig		psig		psig
End of test pressure	<u>380</u> psig		psig		psig
CASING / TUBING ANNULUS PRESSURE					
0 minutes	<u>1080</u> psig		psig		psig
5 minutes	<u>1060</u> psig		psig		psig
10 minutes	<u>1060</u> psig		psig		psig
15 minutes	<u>1060</u> psig		psig		psig
20 minutes	<u>1060</u> psig		psig		psig
25 minutes	<u>1060</u> psig		psig		psig
30 minutes	<u>1060</u> psig		psig		psig
_____ minutes	_____ psig		psig		psig
_____ minutes	_____ psig		psig		psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail			

9:05 AM

9:35 AM

Does the annulus pressure build back up after the test? Yes No

	GREEN	BLUE	CBI
TAB		3	



CALIBRATED CHARTS
PATENTED IN U.S.A.

1-3685 SWD.

METER NUMBER
TIME PUT ON
DATE PUT ON
12-21-2008

TUBE & DRIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
12-21-2008

MUM M 2000-H-8D
P 1000-100-8D
used for racks

Start
10:05 AM
1080*

1060*

SEVENTH

SIXTH

THIRD

NIGHT

NIGHT

NOON

NOON

NOON

NOON

NOON

NOON

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Started to pump 9⁰⁰ AM - pumped 45 gal to press up to 1080# - started test 9⁰⁵ AM - End of test 9³⁵ AM Pressure 1060#, Bled back 44 1/2 gal. Test Successful.

Witness present Chad Horrocks Michael Planishek, Greg Hyder

Signature of Witness:

Chad Horrocks

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? YES NO

If not, why?

Possible violation identified? YES NO

If YES, what

If YES - followup initiated? YES

NO - why not?

Data Entry

Compliance Staff

2nd Data Entry

Hardcopy Filing

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):
 N3065- El Paso E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

 Phone: 1 (713) 997-5038

TO: (New Operator):
 N3850- EP Energy E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

 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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: _____ Business Number: 2114377-0181
- (R649-9-2)Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- 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: 9/12/2012

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/24/2102
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/24/2012
- Bond information entered in RBDMS on: 9/24/2012
- Fee/State wells attached to bond in RBDMS on: 9/24/2012
- Injection Projects to new operator in RBDMS on: 9/24/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (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: 9/24/2012

COMMENTS:

Well Name	Sec	TWP	RNG	API Number	Enity Number	Lease	Well Tyoe	Well Status
UTE 1-14C6	14	030S	060W	4301330056	12354	Indian	WD	A
UTE TRIBAL 1-A	18	030S	060W	4301315122	99990	Fee	WD	A
LAKE FORK 2-23B4	23	020S	040W	4301330038	1970	Fee	WD	A
TEW 1-9B5	09	020S	050W	4301330121	1675	Fee	WD	A
RHOADES MOON 1-36B5	36	020S	050W	4301330289	4765	Fee	WD	A
G HANSON 2-4B3 SWD	04	020S	030W	4301330337	99990	Fee	WD	A
LDS CHURCH 2-27B5	27	020S	050W	4301330340	99990	Fee	WD	A
LINDSAY RUSSELL 2-32B4	32	020S	040W	4301330371	99996	Fee	WD	A
EHRICH 2-11B5	11	020S	050W	4301330391	99990	Fee	WD	A
LAWSON 1-21A1	21	010S	010W	4301330738	935	Fee	WI	A
DAVIS 1-33A1E	33	010S	010E	4304730384	805	Fee	WD	A
ALLRED 2-16A3	16	010S	030W	4301330361	99996	Fee	WD	I
BIRCH 2-35A5	35	010S	050W	4301330362	99996	Fee	WD	I

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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (713) 997-5038		8. WELL NAME and NUMBER: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See Attached
COUNTY:		STATE: UTAH

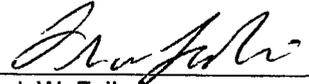
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

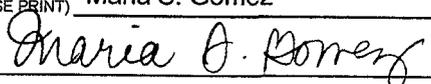
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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.

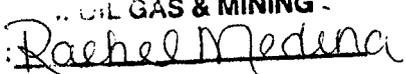

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE 	DATE <u>6/22/2012</u>

(This space for State use only)

APPROVED

SEP 24 2012

OIL GAS & MINING


RECEIVED

JUN 25 2012

DIV OF OIL GAS & MINING

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Rhoades Moon 1-36B5	API Number 4301330289
Location of Well Footage : 1178' FNL & 1178' FEL County : Duchesne	Field or Unit Name Altamont/Bluebell
QQ, Section, Township, Range: NENE 36 2S 5W State : UTAH	Lease Designation and Number Fee

EFFECTIVE DATE OF TRANSFER: 6/1/2012

CURRENT OPERATOR

Company: El Paso E&P Company, L.P.
Address: 1001 Louisiana
city Houston state TX zip 77002
Phone: (713) 997-5038
Comments:

Name: Maria S. Gomez
Signature: *Maria S. Gomez*
Title: Principal Regulatory Analyst
Date: 9/11/2012

NEW OPERATOR

Company: EP Energy E&P Company, L.P.
Address: 1001 Louisiana
city Houston state TX zip 77002
Phone: (713) 997-5038
Comments:

Name: Maria S. Gomez
Signature: *Maria S. Gomez*
Title: Principal Regulatory Analyst
Date: 9/11/2012

(This space for State use only)

Transfer approved by: *David L. Jarama*
Title: *VIC Geologist*

Approval Date: 9/19/2012

Comments:

RECEIVED
SEP 12 2012
DIV. OF OIL, GAS & MINING

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: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: RHOADES MOON 1-36B5
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013302890000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1178 FNL 1178 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/9/2015	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP would like to acidize with 5000 - 7500 gals 15% HCL.

Approved by the
March 09, 2015
Oil, Gas and Mining

Date: _____
By:

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 3/9/2015	

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: FEE
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3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1178 FNL 1178 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 36 Township: 02.0S Range: 05.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/4/2015	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

EP requests approval to acidize this SWD well with 5000-7500 gals 15% HCL from 4114'-5055'.

Approved by the
May 04, 2015
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 5/4/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/12/2015	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Acidized well with 5000 gals of 15% HCL.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 May 05, 2015**

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 5/4/2015	

CENTRAL DIVISION

ALTAMONT BLUEBELL SWD WELLS
RHOADES MOON 1-36B5
RHOADES MOON 1-36B5
LOE LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	RHOADES MOON 1-36B5		
Project	ALTAMONT BLUEBELL SWD WELLS	Site	RHOADES MOON 1-36B5
Rig Name/No.		Event	LOE LAND
Start date	3/12/2015	End date	3/13/2015
Spud Date/Time	3/19/1974	UWI	036-002-S 003-W 30
Active datum	KB @6,105.0ft (above Mean Sea Level)		
Afe No./Description	164618/53760 / RHOADES MOON 1-36B5 SWD		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
3/13/2015	8:00 10:00	2.00	PMPNG	46		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PUMPING OPERATIONS...MIRU
	10:00 13:30	3.50	PMPNG	10		P		TEST PUMP AND LINES TO 2000 PSI TEST GOOD REVIEW MATERIAL SAFETY DATA LOAD CHEMICALS OPEN WELL 502 PSI PUMP BAKER PRE-FLUSH PUMP ACID STG FLUSH w 46 BBLS OF 2% KCL WATER ISDP 490 5MIN 470 PSI 10 MIN 450 PSI 15MIN 450 PSI AVERAGE PRESSURE 583 PSI MAX 811 PSI AVERAGE RATE 2.7 BPM MAX 4 BPM SHUT WELL IN FOR 4 HRS ALLOW ACID TREATMENT TO SOAK
	13:30 17:30	4.00	PMPNG	18		P		SHUT IN WELL FOR 4 HRS, R/U FLOW BACK LINE TO TANK
	17:30 17:30	0.00	PMPNG	13		P		OPENING PRESSURE IS 420 PSI, FLOW BACK 55 BBLS, SHUT IN WELL, TWOTO

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1.2	Well Information.....	1
2	Summary.....	1
2.1	Operation Summary.....	1