

FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

*PMB*  
*6-11-73*

COMPLETION DATA:

Date Well Completed *2-17-74*  
OW..... WW..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others.....

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

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  
**MAPCO INC., et al**

3. ADDRESS OF OPERATOR  
**Suite 320, Plaza West  
 1537 Avenue D, Billings, Montana 59102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
**NE/4 NE/4 (700' FNL & 1280' FEL) Section 16,  
 T. 1 S., R. 3 W., USM, Duchesne County, Utah**  
 At proposed prod. zone  
**Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**5 miles N.E. Altamont**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)  
**700'**

16. NO. OF ACRES IN LEASE  
**120**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**640**

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

19. PROPOSED DEPTH  
**17,000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6319' Ungraded Ground 6340' K.B.**

22. APPROX. DATE WORK WILL START\*  
**August 1, 1973**

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Allred**

9. WELL NO.  
**1 - 16**

10. FIELD AND POOL, OR WILDCAT  
**Altamont**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 16  
 T. 1 S., R. 3 W., USM**

12. COUNTY OR PARISH  
**Duchesne**

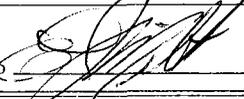
13. STATE  
**Utah**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	Mixed	3000	As required
8-3/4"	7-5/8"	Mixed	13500	As required
6-1/2"	5-1/2" (liner)	Mixed	16000	As required

This well will be drilled from surface to total depth with rotary drilling equipment including B.O.P. assemblies Cameron QRC 12" 900 Series (2) and additional as required to 13,500' and Cameron QRC 6" 1500 Series (3) and additional as required from 13,500' to total depth. Other equipment will include (1) a recording pit level indicator with warning device, (2) mud volume measuring device, and (3) a mud return indicator.

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.  **Manager of Operations**  
 Northern District  
 SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **June 7, 1973**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

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

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**MAPCO INC., et al**

3. ADDRESS OF OPERATOR  
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 1537 Avenue D, Billings, Montana 59102**

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 At proposed prod. zone **T. 1 S., R. 3 W., USM, Duchesne County, Utah**  
 Same

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**5 miles N.E. Altamont**

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**Section 16  
 T. 1 S., R. 3 W., USM**

12. COUNTY OR PARISH  
**Duchesne**

13. STATE  
**Utah**

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139-3/30232  
 Ole

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 [Signature] TITLE **Manager of Operations Northern District** DATE **June 7, 1973**

(This space for Federal or State office use)

PERMIT NO. 43013-30232 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

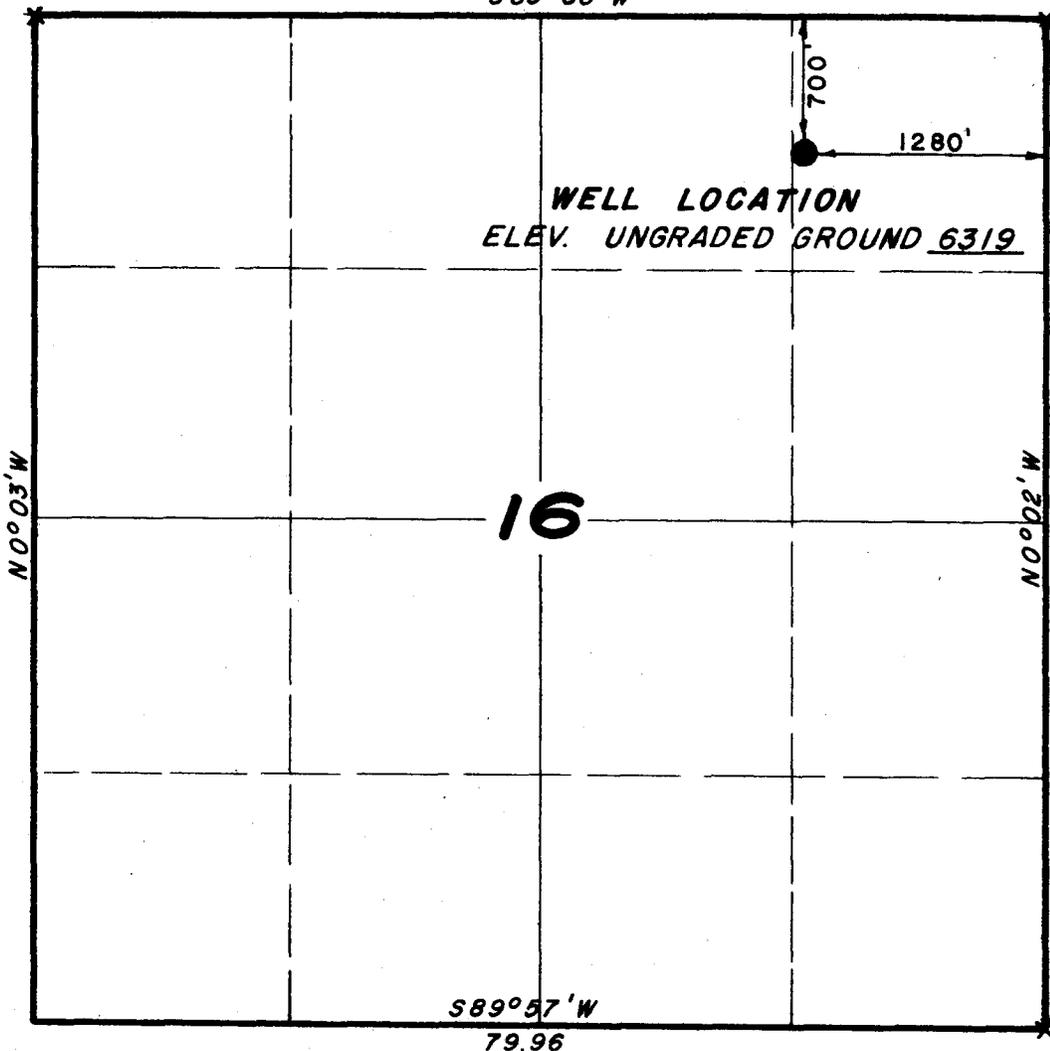
CONDITIONS OF APPROVAL, IF ANY:

T1S, R3W, U.S.M.

S89°58'W

PROJECT  
MAPCO OIL CO.

Well location, located as shown  
in the NE1/4 NE1/4 Section 16,  
T1S, R3W, U.S.B. & M., Duchesne  
County, Utah.



WELL LOCATION  
ELEV. UNGRADED GROUND 6319

16



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.

*Robert J. ...*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454

STATE OF UTAH

REVISED 1 June 1973

BEST COPY  
AVAILABLE

N0°03'W

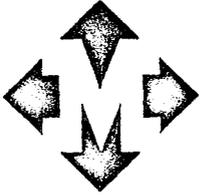
N0°02'W

S89°57'W  
79.96

X = Corners Found and Used.

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

SCALE 1" = 1000'	DATE 1 June 1973
PARTY L.D.T & M.S.	REFERENCES GLO Plat
WEATHER Warm	FILE MAPCO Oil Co.



**mapco**  
INC.

PRODUCTION DIVISION

June 7, 1973

State of Utah  
Department of Natural Resources  
Division of Oil and Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTENTION: Mr. Paul Burchell    Re: MAPCO Inc., et al, Allred No. 1-16  
NE NE (700' FNL & 1280' FEL) Sec. 16,  
T. 1 S., R. 3 W., USM, Duchesne County

MAPCO Inc., et al Birch No. 1-35  
NE NE (757' FNL & 1024' FEL) Sec. 35,  
T. 1 S., R. 5 W., USM, Duchesne County

MAPCO Inc., et al Sorensen No. 1-6  
SE NE (1697' FNL & 741' FEL) Sec. 6,  
T. 2 S., R. 5 W., USM, Duchesne County

Gentlemen:

Enclosed are three (3) copies each of our Application for Permit to Drill and three (3) copies each Well Plats on the above captioned wells.

Our \$25,000 blanket bond No. 8055-97-09, dated October 11, 1972, with certified copy of Power of Attorney attached, is on file with your office. We trust that everything is in order, and if it is not, please let us know.

Very truly yours,

MAPCO INC.

L. B. McDade, Geologist

LBM:awm

Enclosures

June 11, 1973

MAPCO INC. et al  
1537 Avenue D  
Suite 320 - Plaza West  
Billings, Montana 59102

Re: Well No. Allred #1-16,  
Sec. 16, T. 1 S, R. 3 W,  
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, dated June 24, 1971.

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

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 43-013-30232.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

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.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b>  <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b>  <b>8. FARM OR LEASE NAME</b> Allred
<b>2. NAME OF OPERATOR</b> MAPCO INC., et al		<b>9. WELL NO.</b> 1 - 16
<b>3. ADDRESS OF OPERATOR</b> Suite 320 Plaza West 1537 Avenue D, Billings, Montana		<b>10. FIELD AND POOL, OR WILDCAT</b> Altamont
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface NE/4 NE/4 (700' FNL & 1280' FEL) Section 16, T. 1 S., R. 3 W., USM, Duchesne County, Utah		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Section 16, T. 1 S., R. 3 W., USM
<b>14. PERMIT NO.</b> 43-013-30232	<b>15. ELEVATIONS (Show whether DF, RT, OR, etc.)</b> 6319' Ungraded Ground 6340' KB	<b>12. COUNTY OR PARISH</b> Duchesne <b>18. STATE</b> 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) <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.)\***

JULY REPORT:

7-16-73: Spudded 11:00 PM.

7-16-73 thru 7-24-73: T.D. 3010'; drilling Duchesne River formation.

7-24-73: T.D. 3010'; ran 75 joints of 9-5/8", 36#, K-55 STC casing (3009' total). Landed at 3005'. Cemented with 515 sacks BJ Lite cement, 2% CaCl<sub>2</sub>, 2% salt, 1/4#/sack seal flake. Tailed in with 305 sacks class "G" cement with 1/4#/sack seal flake. Plug down at 4:00 PM. W.O.C. Cement top 50' below ground level.

7-25 thru 7-27-73: T.D. 3010'; nipped up; tested stack. Tripped in and layed down 8" drill collars, nipped up, changed drilling assembly and drilled out cement. Tagged top of cement at 2952'.

7-28 thru 7-31-73: T.D. 4656'; drilling Duchesne River formation.

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

SIGNED J. J. Williams for E.J. Milt TITLE Manager of Operations Northern District DATE August 14, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

*Handwritten initials/signature*

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO INC., et al		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		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 NE NE (700' FNL & 1280' FEL) Section 16, T. 1 S., R. 3 W., USM, Duchesne County, Utah		8. FARM OR LEASE NAME Allred
14. PERMIT NO. 43-013-30232	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6319' Ungraded Ground 6340' KB	9. WELL NO. 1 - 16
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16, T. 1 S., R. 3 W., USM
		12. COUNTY OR PARISH   18. STATE Duchesne   Utah

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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) <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.)\*

AUGUST REPORT:

8-1-73 thru  
8-31-73: T.D. 9809'; drilling Uinta and Green River formations.

SAMPLE TOP GREEN RIVER: 7250 (-910) FEET

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

SIGNED: [Signature] TITLE: Manager of Operations Northern District DATE: September 13, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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		12. COUNTY OR PARISH 13. STATE Duchesne Utah

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

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SEPTEMBER REPORT:

9-1 thru  
9-30-73: T.D. 12,109'; drilling Green River formation from 9809.

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

SIGNED Edwin J. Mill TITLE Manager of Operations Northern District DATE October 15, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6319' Ungraded Ground 6340' KB</p>	

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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) <input type="checkbox"/>	
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9-1 thru  
9-30-73: T.D. 12,109'; drilling Green River formation from 9809.

18. I hereby certify that the foregoing is true and correct  
 SIGNED Edwin J. Mill TITLE Manager of Operations Northern District DATE October 15, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



**mapco**  
INC.

PRODUCTION DIVISION

October 17, 1973

State of Utah  
Department of Natural Resources  
Division of Oil and Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTENTION: Mr. Paul Burchell

Gentlemen:

Enclosed please find two copies each Production Reports for the following wells in Duchesne County:

MAPCO, Fisher No. 1, SW NE Section 7, T. 1 S., R. 3 W., USM  
MAPCO, Marshall No. 1-20, NW NE Section 20, T. 1 S., R. 3 W., USM  
MAPCO, Stevenson Heirs No. 1-36, NE/4 Sec. 36, T. 1 S., R. 5 W., USM

The Marshall No. 1-20 and the Stevenson No. 1-36 are still within the 60-day test period. The amount of gas produced on these two wells was estimated from daily gas charts. These charts are now being integrated for accurate gas production data. On future reports we will be using the accurate data obtained by integrating the gas charts.

Also enclosed are Sundry Notices on the following drilling wells in Duchesne County:

MAPCO, D. Ralphs No. 1-5, SW NE Sec. 5, T. 1 S., R. 3 W., USM  
MAPCO, D. Ralphs No. 1-6, SW NE Sec. 6, T. 1 S., R. 3 W., USM  
MAPCO, D. Ralphs No. 1-1, SW NE Sec. 1, T. 1 S., R. 4 W., USM  
MAPCO, Carman No. 1-7, NE/4 Sec. 7, T. 2 S., R. 5 W., USM  
MAPCO, Allred No. 1-16, NE NE Sec. 16, T. 1 S., R. 3 W., USM  
MAPCO, Birch No. 1-35, NE NE Sec. 35, T. 1 S., R. 5 W., USM  
MAPCO, Sorensen No. 1-6, SE NE Sec. 6, T. 2 S., R. 5 W., USM  
(2) MAPCO, Cheney No. 1-4, SW NE Sec. 4, T. 2 S., R. 5 W., USM

You will note there are two monthly reports for the Cheney No. 1-4, August and September. According to our files the report for the month of August was not sent to you last month.

Very truly yours,

MAPCO INC.

J. D. Holliman, Engineer

JDH:awm  
Enclosures

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(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.)

<b>1.</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b>  <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  <b>7. UNIT AGREEMENT NAME</b>  <b>8. FARM OR LEASE NAME</b> Allred
<b>2. NAME OF OPERATOR</b> MAPCO INC., et al		<b>9. WELL NO.</b> 1 - 16
<b>3. ADDRESS OF OPERATOR</b> Suite 320 Plaza West, 1537 Avenue D, Billings, Montana 59102		<b>10. FIELD AND POOL, OR WILDCAT</b> Altamont
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface NE NE (700' FNL & 1280' FEL) Section 16, T. 1 S., R. 3 W., USM Duchesne County, Utah		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Section 16, T. 1 S., R. 3 W., USM
<b>14. PERMIT NO.</b> 43-013-30232	<b>15. ELEVATIONS (Show whether DP, RT, OR, etc.)</b> 6319' Ungraded Ground-6340' KB	<b>12. COUNTY OR PARISH</b>   <b>13. STATE</b> Duchesne   Utah

**18. 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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

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OCTOBER REPORT:

10-1 thru  
 10-31-73: T.D. 13,193'; drilling Lower Green River and Wasatch Red Beds formations.

SAMPLE TOPS:

Upper Wasatch Transition Zone	12,202 (-5862) feet
Wasatch Red Beds	12,292 (-5952) feet

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

SIGNED Edwin J. Mill

TITLE MANAGER OF OPERATIONS

DATE November 12, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

*AM*

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SAMPLE TOPS:

Upper Wasatch Transition Zone	12,202 (-5862) feet
Wasatch Red Beds	12,292 (-5952) feet

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

MANAGER OF OPERATIONS  
NORTHERN DISTRICT

SIGNED Edwin J. Mitt

TITLE

DATE November 12, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
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NOVEMBER REPORT:

11-1 thru  
11-3-74: T.D. 13,349'; drilling Wasatch formation.

11-4 thru  
11-9-73: T.D. 13,349'; lost circulation.

11-10 &  
11-11-73: T.D. 13,349'; logging. Schlumberger ran the following suite of logs: BHC - Sonic - Gamma Ray with Caliper 13,339-3005'; FDC-CNL 13,340-7500'; Dual Induction Laterolog 13,335-3005'. Conditioned hole to run casing.

11-12 thru  
11-19-73: T.D. 13,349'; ran 351 joints of 7-5/8", 26.40#, 29.70#, 33.70#, N-80 and 95 grade, Buttress and LTC Casing. Landed casing at 13,336'. Ran guide shoe at 13,336' and differential float collar at 13,295'. BJ Inc. cemented with 358 sacks of "Lite" containing 1% R-6 retarder 12.4 ppg slurry density followed by 100 sacks of class "G" containing 1.5% R-11, 15.9 ppg slurry density. Displaced cement with mud and bumped plug at 3:15 AM, 11-15-73 with 1900 psi. Float held OK. Approx. 50% cement returns throughout job. WOC. Nippling up; testing BOP stack and manifold - held OK. Drilled good firm cement, plug, float collar and shoe.

11-20 thru  
11-30-73: T.D. 14,010'; drilling Wasatch formation.

18. I hereby certify that the foregoing is true and correct  
 SIGNED Edwin J. Mill for Edwin J. Mill TITLE Manager of Operations Northern District DATE December 12, 1973

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
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REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
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MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
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DECEMBER REPORT:

12-1 thru  
12-31-73: T.D. 15,988'; drilling Wasatch and North Horn Transition formations.

SAMPLE TOPS:

Wasatch Red Beds	14,162 (-7822) feet
North Horn Transition	15,820 (-9480) feet

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

SIGNED <u>Edwin J. Milt</u>	TITLE <u>Manager of Operations Northern District</u>	DATE <u>January 4, 1974</u>
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(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
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APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
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SUBSEQUENT REPORT OF:

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JANUARY REPORT:

Tripped out to fish (liner had dropped to bottom). Washed over fish with overshot and latched onto same.

1-16 & T.D. 16,065'; circulated at 16,065' through bottom of liner; hung liner.

1-17-74: Liner set at 16,050', top of liner at 13,042'. Ran CNL-GR log inside liner from 16,032-13,140. Tripped in with Otis packer on Schlumberger wireline; packer set at 13,032'. Tripped in hole with drill pipe open ended; displaced mud with water.

1-18 thru T.D. 16,065'; nipped down BOP's; laid down drill pipe and collars, brok

1-20-74: kelly connection. Cleaned pits and mud tanks; RIG RELEASED 4:00 PM, 1-20-74.

1-21 thru

1-27-74: T.D. 16,065'; rigged down and moved out rotary equipment; moved in and rigged up completion rig.

1-28-74: T.D. 16,065'; ran 423 joints 2-7/8" Nu-Lock, 6.4#, ARMC0 tubing and landed at 12,998 with 4 pup joints, 10', 8', 6', and 3'. Preparing to circulate with CaCl<sub>2</sub> water and run 2-3/8" heat string.

1-29 & T.D. 16,065'; circulated CaCl<sub>2</sub> water for packer fluid with 2-7/8" tubing

1-30-74: set just above packer. Latched 2-7/8" in packer. Ran 2-3/8" tubing. Removed BOP equipment and set x-mas tree. Tressure tested wellhead and tree to 10,000 psi - OK; tested annulus to 3,000 psi - OK. Rigged up

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--- CONTINUED ON PAGE 3 ---

SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

OGCC-1b

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
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SUBSEQUENT REPORT OF:

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JANUARY REPORT:

Otis, ran in with wireline and latched onto plug. Equalized pressure and pulled plug - moved up hole about 50', then pulled loose from rope socket. Left oil jars, spanner jars, nuckle joint, plug puller and plug in hole. Surface pressure 4200 psi when plug pulled, built up to 4500 psi in 5 minutes. Oped well to pit to clean up; 2 hours on 10/64" choke at 2600 psi FTP and 1 hour on 24/64" choke at 1800 psi FTP. Developed 150' glas flare after 2 hours. Shut well in at 7:00 AM, 1-30-74.

1-31-74: T.D. 16,065'; 15 hours blow to pit to start well up. Flowed 595.4 barrels of oil in 9 hours through 12/64" choke at 4500 psi FTP.

END OF MONTHLY SUNDRY REPORTS

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SIGNED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

*PK*

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MAPCO Inc., et al		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		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 NE NE (700' FNL & 1280' FEL) Section 16, T. 1 S., R. 3 W., USM. Duchesne County, Utah		8. FARM OR LEASE NAME Allred
14. PERMIT NO. 43-013-30232	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6319' Ungraded Ground - 6340' K.B.	9. WELL NO. 1 - 16
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16 T. 1 S., R. 3 W., 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"/>	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) _____ <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 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.)\*  
JANUARY REPORT:

1-1 thru  
1-3-74: T.D. 16,065'; drilling North Horn Transition to total depth.

1-4 thru  
1-9-74: T.D. 16,065'; circulated and condition hole to log; hole very tight; drill string parted; fishing; located fish. Conditioned hole to log; attempted to log DILL and BHC Sonic-GR but could not log; hole extremely tight; tripping in to total depth; circulated and conditioned hole. Drill pipe parted; fishing and recovered fish; circulated and conditioned hole for logs.

1-10-74: T.D. 16,065'; ran BHC-Sonic with Gamma Ray and DILL from 16,011-13,336. Attempted to run FDC-CNL Log

1-11-74: T.D. 16,065'; circulate and condition hole for logging. Attempted to run FDC-CNL Log; hole extremely tight, stuck tool; pulled loose, pulled out of hole.

1-12-74: T.D. 16,065'; circulate and conition hole to log.

1-13-74: T.D. 16,065'; ran FDC-CNL with caliper 15,753-13,326'; had to make 4 runs; hole tight; log quality poor.

1-14 & 15-74: T.D. 16,065'; tripped in and conditioned hole to run liner; ran 73 joints 5-1/2" 23# P-110 Hydril SFJP liner. Began filling drill pipe at 11,347'; drill pipe parted in pin at 9235'. Tripped out and picked up overshot.

--- CONTINUED ON PAGE 2 ---

18. I hereby certify that the foregoing is true and correct  
SIGNED E. J. MITT TITLE Manager of Operations Northern District DATE February 13, 1974

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

9/10/1

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  
MAPCO, INC., et al

3. ADDRESS OF OPERATOR  
Suite 320, Plaza West  
1537 Ave. D, Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NE NE (700' FNL & 1280' FEL)  
At top prod. interval reported below Sec. 16, T. 1 S., R. 3 W., USM  
At total depth Duchesne County, Utah

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Allred

9. WELL NO.  
1-16

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 16  
T. 1 S., R. 3 W., USM

14. PERMIT NO. 43-013-30232 DATE ISSUED June 11, 1973

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 7-16-73 16. DATE T.D. REACHED 1-3-74 17. DATE COMPL. (Ready to prod.) 2-17-74 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6319' G.L. - 6340' K.B. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,065' 21. PLUG, BACK T.D., MD & TVD 16,050' 22. IF MULTIPLE COMPL., HOW MANY\* No 23. INTERVALS DRILLED BY Rotary Tools surf.-16,065' Cable Tools None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHC Sonic-Gamma Ray, Dual Induction  
Laterolog 8, FDC-CNL Gamma Ray, HDT Dipmeter. 27. WAS WELL CORED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	3,005'	12 1/4"	1093 sacks	
7-5/8"	26.4#, 29.7#	13,336'	8-3/4"	648 sacks	
	33.7#				

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	13,042'	16,050'	None		2-7/8"	13,032'	13,032'
					2-3/8"	5,545'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION 2-17-74 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 2-25-74 HOURS TESTED 23 CHOKE SIZE 12/64" PROD'N. FOR TEST PERIOD → OIL—BBL. 1110 GAS—MCF. 680.27 WATER—BBL. None GAS-OIL RATIO 613

FLOW. TUBING PRESS. 3500 CASING PRESSURE CALCULATED 24-HOUR RATE → OIL—BBL. 1158 GAS—MCF. 710.26 WATER—BBL. None OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel and vented TEST WITNESSED BY Craig Phillips

35. LIST OF ATTACHMENTS None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED E. J. Milt TITLE Northern District DATE March 13, 1974  
Manager of Operations

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

E. J. Milt

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

**38. GEOLOGIC MARKERS**

FORMATION	TOP		NAME	TOP	
	DEPTH	MEAS.		DEPTH	TRUB VEET. DEPTE
			Lower Green River	10,779	- 4,439
			Top Wasatch Red Beds	12,292	- 5,952
			Base Wasatch Red Beds	14,162	- 7,822

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR MAPCO Inc.</p> <p>3. ADDRESS OF OPERATOR Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE NE (700' FNL &amp; 1280' FEL) Section 16, T. 1 S., R. 3 W., USM Duchesne County, Utah</p> <p>14. PERMIT NO. 43-013-30232</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Allred</p> <p>9. WELL NO. 1 - 16</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16 T. 1 S., R. 3 W., USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6319' Ungraded Ground - 6340' K.B.</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) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) See below		(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.)\*

Propose to retrieve production packer, cement squeeze liner lap and shut off water production.

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

SIGNED J. D. Holliman TITLE Manager of Operations Northern District DATE January 13, 1975

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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<b>2. NAME OF OPERATOR</b> MAPCO Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
<b>3. ADDRESS OF OPERATOR</b> Suite 320 Plaza West 1537 Avenue D, Billings, Montana 59102		7. UNIT AGREEMENT NAME
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE NE (700' FNL & 1280' FEL) Section 16, T. 1 S., R. 3 W., USM Duchesne County, Utah		8. FARM OR LEASE NAME Allred
<b>14. PERMIT NO.</b> 43-013-30232		9. WELL NO. 1 - 16
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 6319' Ungraded Ground - 6340' K.B.		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16 T. 1 S., R. 3 W., USM
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		13. STATE Utah

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

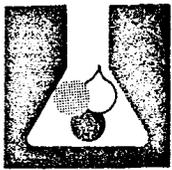
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

Propose to retrieve production packer, cement squeeze liner lap and shut off water production.

18. I hereby certify that the foregoing is true and correct  
 SIGNED J. D. Holliman TITLE Manager of Operations Northern District DATE January 13, 1975  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:



# LITE RESEARCH LABORATORIES

JUN 2 1975

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2246  
 SAMPLE TAKEN \_\_\_\_\_  
 SAMPLE RECEIVED 5-5-75  
 RESULTS REPORTED 5-6-75

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. \_\_\_\_\_  
 COMPANY Mapco Production Inc. LEASE Allred WELL NO. 1-16  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS \_\_\_\_\_

SAMPLE TAKEN BY Floyd Collett

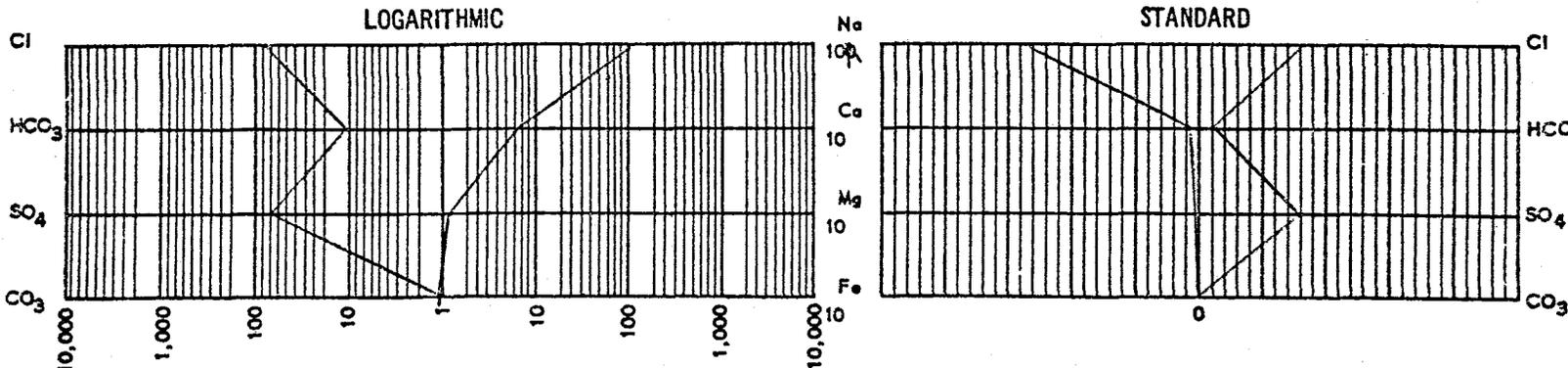
### CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0062 pH 8.15 RES. 7.50 OHM METERS @ 77° F

TOTAL HARDNESS 451.16 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 670.0 mg/L as CaCO<sub>3</sub>

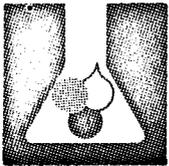
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca <sup>++</sup>	150.0	7.5		
MAGNESIUM - Mg <sup>++</sup>	16.0	1.31		
SODIUM - Na <sup>+</sup>	3100.0	134.78		
BARIUM (INCL. STRONTIUM) - Ba <sup>++</sup>	0	0		
TOTAL IRON - Fe <sup>++</sup> AND Fe <sup>+++</sup>	6.0	0.21	143.80	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	670.0	10.98		
CARBONATE - CO <sub>3</sub> <sup>--</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>--</sup>	3820.0	79.58		
CHLORIDE - CL <sup>-</sup>	3003.8	84.61	175.17	
TOTAL DISSOLVED SOLIDS	10800			

MILLEQUIVALENTS PER LITER



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_



# LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2246  
 SAMPLE TAKEN \_\_\_\_\_  
 SAMPLE RECEIVED 5-5-75  
 RESULTS REPORTED 5-6-75

SAMPLE DESCRIPTION  
 COMPANY Mapco Production Inc. LEASE Allred FIELD NO. \_\_\_\_\_  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_ WELL NO. 1-16  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS \_\_\_\_\_

SAMPLE TAKEN BY Floyd Collett

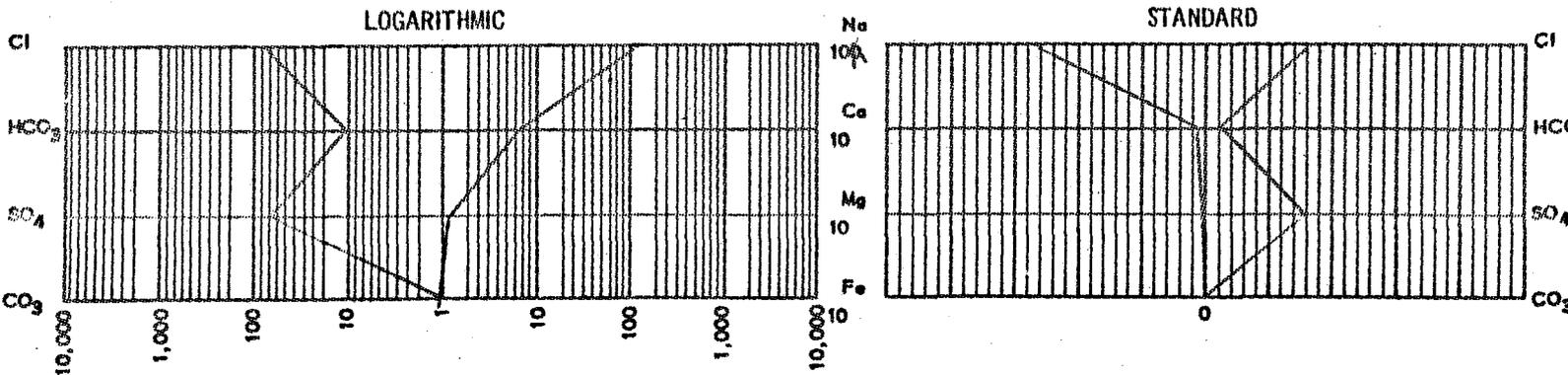
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SPECIFIC GRAVITY @60/60° F. 1.0062 pH 8.15 RES. 7.50 OHM METERS @ 77° F

TOTAL HARDNESS 451.16 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 670.0 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg/L.	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	150.0	7.5		
MAGNESIUM - Mg ++	16.0	1.31		
SODIUM - Na +	3100.0	134.78		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe ++ AND Fe +++	6.0	0.21	143.80	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	670.0	10.98		
CARBONATE - CO <sub>3</sub> <sup>-</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>-</sup>	3820.0	79.58		
CHLORIDE - CL -	3003.8	84.61	175.17	
TOTAL DISSOLVED SOLIDS	10800			

MILLEQUIVALENTS PER LITER



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER 14-20-H62-1755  
UNIT \_\_\_\_\_  
CA 96-87

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 75, MAPCO, Allred No. 1-16

Agent's address Suite 320 Plaza West Company MAPCO Inc.  
1537 Avenue D, Billings, Montana 59102

Phone 406/248-7406 Signed Agnes W. Model Agnes W. Model  
Agent's title Geological Clerk & Secretary

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NE Sec. 16	1S	3W	1	7	1232	42.4	173	0	147	Shut in 23 days Swabbing operation.

**AMENDED REPORT**

NOTE: ALL volumes are corrected for temperature and pressure.

GAS: (MCF)  
Sold \_\_\_\_\_ 0  
Flared/Vented \_\_\_\_\_ 0  
Used On/Off Lease \_\_\_\_\_ 598 (Res. Gas)  
Loss due to products \_\_\_\_\_ 0

WATER:  
Disposition \_\_\_\_\_ 147  
Pit \_\_\_\_\_ 147  
Injected \_\_\_\_\_

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month \_\_\_\_\_ 1135  
Produced during month \_\_\_\_\_ 1232  
Sold during month \_\_\_\_\_ 1859  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month \_\_\_\_\_ 508

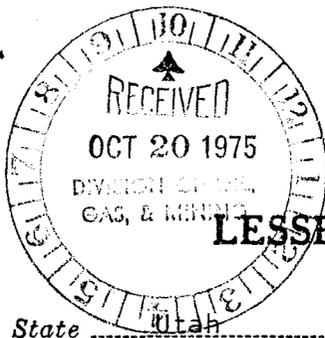
Report prepared by \_\_\_\_\_

NOTE.—There were 1859 runs or sales of oil; 0 M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER 14-20-H62-1755  
UNIT CA 96-87



**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 75, MAPCO, Allred No. 1-16

Agent's address Suite 320 Plaza West Company MAPCO Inc.  
1537 Avenue D, Billings, Montana 59102 Signed Agnes W. Model Agnes W. Model  
Phone 406/248-7406 Agent's title Geological Clerk & Secretary

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NE Sec. 16	1S	3W	1	7	508	42.4	173	0	147	Shut in 23 days Swabbing operation.

NOTE: ALL volumes are corrected for temperature and pressure.

GAS: (MCF)  
Sold \_\_\_\_\_ 0  
Flared/Vented \_\_\_\_\_ 0  
Used On/Off Lease \_\_\_\_\_ 598 (Res. Gas.)  
Loss due to products \_\_\_\_\_ 0

WATER:  
Disposition \_\_\_\_\_ 147  
Pit \_\_\_\_\_ 147  
Injected \_\_\_\_\_

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month \_\_\_\_\_ 1135  
Produced during month \_\_\_\_\_ 1232  
Sold during month \_\_\_\_\_ 1859  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month \_\_\_\_\_ 508

Report prepared by \_\_\_\_\_

NOTE.—There were 1859 runs or sales of oil; 0 M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 RE-DRILL  DEEPEN  PLUG BACK   
 b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 MAPCO INC.,

3. ADDRESS OF OPERATOR  
 Suite 320, Plaza West  
 1537 Avenue D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface NE/4 NE/4 (700' FNL & 1280' FEL) Section 16  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 5 miles NE Altamont, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 700'

16. NO. OF ACRES IN LEASE 120

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

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

19. PROPOSED DEPTH 12,400'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6319' Ungraded Ground 6340' K.B.

22. APPROX. DATE WORK WILL START\*  
 October 20, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7-5/8"	29.70 & 33.70	12,400'	125% Vol. Calc. From Caliper Log

ESTIMATED STARTING DATE - 10-20-78 (Must take advantage of Rig availability)  
 EXISTING CONDITIONS: (See attached well schematic) 7-5/8" casing is collapsed and/or parted at 8750'. 7-5/8" freepoint is at 5000'±. Well is not now producible from Wasatch Zone as completed originally.

- PROPOSED PROGRAM:
1. Pull 7-5/8" casing from 5000'±.
  2. Sidetrack and redrill well from below 9-5/8" surface casing which is cemented to surface from 3005'.
  3. Redrill in 8-3/4" hole to 12,500' (200' into Wasatch Redbeds).
  4. Run full suite of open hole logs.
  5. Run and cement 7-5/8" casing at T.D.
  6. Perforate and complete well in Lower Green River Zone.
  7. Run production tubing and place well on production.

No additional surface disturbance will be required or created by this proposed work.  
 Blow out preventer program; Blind rams, pipe rams and Hydril unit.

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 James D. Holliman TITLE Manager of Operations Northern District DATE 10-11-78

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE 10/23/78

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 10/23/78  
 BY: C.B. [Signature]

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

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: MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Suite 320, Plaza West  
1537 Ave. D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface: NE/4 NE/4 (700' FNL & 1280' FEL) Section 16  
At top prod. interval reported below  
At total depth

RECEIVED  
MAY 7 1979  
DIVISION OF OIL, GAS, & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Allred

9. WELL NO.: 17-16

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 16, T. 1 S., R. 3 W., USM

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH: Duchesne 13. STATE: Utah

15. DATE SPUNDED: 11-5-78 16. DATE T.D. REACHED: 1-12-79 17. DATE COMPL. (Ready to prod.): 2-24-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.): \* GL 6319 KB 6339 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD: 12,400 21. PLUG, BACK T.D., MD & TVD: 12,350 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY: 5160' to 12400' ROTARY TOOLS: None CABLE TOOLS: None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*: Lower Green River 25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHC Sonic w/F-overlay 12388' to 5600' Dual Induction - SFL 12382' to 5600' 27. WAS WELL CORED: NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	3005'	12-1/4"	515 sx	
7-5/8"	29.70 & 33.70	12399'	8-3/4"	700 sx	5565'
			Sidetrack Plug f/ 5160' to 5660'		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	11,167'	11,167'
2-7/8"	11,167'	11,167'

31. PERFORATION RECORD (Interval, size and number)

12,230-234'; 12,206-209'; 12,192-196';  
12,130-136'; 12,038-042'; 12,014-020';  
11,974-978'; 11,958-962'; 11,938-942'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,938-12,234	8820 gal. 15% Hcl. (3-23-79)

33.\* PRODUCTION

DATE FIRST PRODUCTION: 2-24-79 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
3-27-79	24	48/64		1248	588	1552	471

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
540	0		1248	588	1552	38.2

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold TEST WITNESSED BY: Mitchiel Hall

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: Gary J. Evertz TITLE: Drilling and Production Engineer DATE: May 3, 1979

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
38. GEOLOGIC MARKERS			
NAME	MEAS. DEPTH	TOP	TRUN VERT. DEPTH
Green River Marker I	10,780'		(-4441)
Wasatch	12,240'		(-5901)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: NE/4, NE/4, 700' FNL & 1280' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

5. LEASE  
CA-96-000087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Allred

9. WELL NO.  
1-16

10. FIELD OR WILDCAT NAME  
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 16  
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. API NO.  
43-013-30232

15. ELEVATIONS (SHOW DEPTH OF KDB, AND WD)  
6319' Ungraded GL, 6340' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

Purpose

Perforate and stimulate new Green River intervals in the B & C zone, and to abandon wet intervals in the Green River D & E zone.

Verbal approval to do work was granted by Ron Daniels on June 23, 1982

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Robert C. McCoy TITLE Asst. Engr. DATE 6-24-82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

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  
MAPCO Production Company

3. ADDRESS OF OPERATOR  
1643 Lewis Ave., Ste. 202, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface NE/4 NE/4, 700' FNL & 1280' FEL  
At top prod. interval reported below Same  
At total depth Same

RECEIVED  
OCT 18 1982  
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Aired

9. WELL NO.  
1-16

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 16, T1S, R3W

14. PERMIT NO. 43-013-30232 DATE ISSUED 6-11-1973

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 7-16-73 16. DATE T.D. REACHED 1-3-74 17. DATE COMPL. (Ready to prod.) 9-3-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6319' GL, 6340' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 16,065' 21. PLUG, BACK T.D., MD & TVD 16,050'

22. IF MULTIPLE COMPL., HOW MANY\* No

23. INTERVALS DRILLED BY Rotary Tools Surf-16,065' Cable Tools None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
11,152-11,386' - Green River B & C

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHC Sonic-GR, Dual Induction, Laterolog 8, FDC-CNL GR, HDT Dipmeter

27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	3,005'	12-1/4"	1093 sacks	
7-5/8"	26.4#, 29.7#, 33.7#	13,336'	8-3/4"	648 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	13,042'	16,050'	None	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	13,032'	13,032'
2-3/8"	5,454'	

31. PERFORATION RECORD (Interval, size and number)  
See Attachment

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

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

33.\* PRODUCTION

DATE FIRST PRODUCTION 9-5-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 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
9/5-9/7	72			69	113	1457	16,370

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			23	37	486	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Any produced is used on lease TEST WITNESSED BY Larry Wilson

35. LIST OF ATTACHMENTS  
Perforation and stimulation record

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 10-14-82

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 16:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.  
**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES							
38. GEOLOGIC MARKERS							
				Lower Green River	10,779		-4,439
				Top Wasatch Red Beds	12,292		-5,952
				Base Wasatch Red Beds	14,162		-7,822

MAPCO PRODUCTION COMPANY  
 COMPLETION REPORT  
 ATTACHMENT

Allred 1-16

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE
INTERVAL AND DEPTH	SIZE	NO.	AMOUNT AND KIND OF MATERIAL USED
11,152-11564'	.51"	146 holes	15,000 gal. 15% HCl

PERFORATIONS  
 BHC SONIC DEPTHS

11,560-564',	4'	11,345-348',	3'
11,503-504',	2'	11,318-322',	4'
11,516-526',	10'	11,303-307',	4'
11,496-502',	6'	11,265-267',	2'
11,444-447',	3'	11,234-236',	2'
11,437-439',	2'	11,201-205',	4'
11,430-434',	4'	11,183-185',	2'
11,380-386',	6'	11,162-166',	4'
11,358-363',	5'	11,152-156',	4'

TOTAL 73'

Set BP at 11,410'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: NE/4, NE/4, 700' FNL & 1280' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input checked="" type="checkbox"/>
(other) <input type="checkbox"/>	

5. LEASE CA-96-000087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME NA

8. FARM OR LEASE NAME Allred

9. WELL NO. 1-16

10. FIELD OR WILDCAT NAME Altamont

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Section 16  
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH Duchesne 13. STATE Utah

14. API NO. 43-013-30232

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6319' Ungraded GL, 6340' KB

(NOTE: Report results on multiple completion or zone change on Form 9-330.)

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.)\*

MAPCO has perforated and stimulated the Green River B & zones and abandoned wet zones. Please see the attached for details.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 10/24/02

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY  
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202  
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: NE/4, NE/4, 700' FNL & 1280' FEL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE CA-96-000087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME NA

8. FARM OR LEASE NAME Allred

9. WELL NO. 1-16

10. FIELD OR WILDCAT NAME Altamont

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Section 16  
T. 1 S., R. 3 W., USM

12. COUNTY OR PARISH Duchesne 13. STATE Utah

14. API NO. 43-013-30232

15. ELEVATIONS (SHOW DF, KDB, AND WD) 6319' Ungraded GL, 6340' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

MAPCO isolated the best producing zones.  
Please see attached for details.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

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

SIGNED R. E. Baumann TITLE Engr. Tech. DATE 12-22-82  
R. E. Baumann

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Allred 1-16  
NE NE Section 16, T1S, R3W  
Duchesne County, Utah

1. Surfaced pump, equalized and pulled standing valve.
2. MIRU rig. ND tree and NU BOP's.
3. POOH with 2-3/8" sidestring. Released Lokset packer. PU 2-7/8" tbg and TIH to 11,332' (exactly) and set Lokset packer.
4. PU 2-3/8" tbg and TIH. Stung into BHA. Dropped stdg valve and pressure tested to 1500 psi. ND BOP and NU tree. Released rig.
5. Circulated tubing until cleaned up and dropped 075 pump.

REB/ch

MAPCO PRODUCTION COMPANY  
 COMPLETION REPORT  
 ATTACHMENT

Allred 1-16

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE
<u>INTERVAL AND DEPTH</u>	<u>SIZE</u>	<u>NO.</u>	<u>AMOUNT AND KIND OF MATERIAL USED</u>

11,152-11564'	.51"	146 holes	15,000 gal. 15% HCl
---------------	------	-----------	---------------------

PERFORATIONS  
 BHC SONIC DEPTHS

11,560-564',	4'	11,345-348',	3'
11,503-504',	2'	11,318-322',	4'
11,516-526',	10'	11,303-307',	4'
11,496-502',	6'	11,265-267',	2'
11,444-447',	3'	11,234-236',	2'
11,437-439',	2'	11,201-205',	4'
11,430-434',	4'	11,183-185',	2'
11,380-386',	6'	11,162-166',	4'
11,358-363',	5'	11,152-156',	4'

TOTAL 73'

Set BP at 11,410'

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

SUBMIT **TRIPPLICATE\***  
(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 checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR c/o Linmar Energy Corp, P.O. Box 1327, Roosevelt, UT 84066</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 470' FNL, 1292' FEL (NENE)</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 Allred</p> <p>9. WELL NO. 1-16A3</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16-T1S-R3W, USM</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. API #43-013-30361</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6315' GL</p>	

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

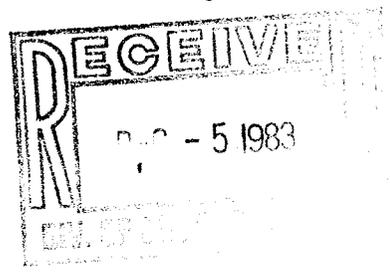
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	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) <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.)\*

Linmar Energy Corporation has purchased Mapco's interest in the Altamont Field, effective October 1, 1983.

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



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

SIGNED *Darwin Kulland* TITLE Superintendent DATE Nov 30, 19 83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED

MAY 23 1984

DIVISION OF OIL  
GAS & MINING

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

(801)722-4633

May 21, 1984

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

Re: Concurrent Production  
Allred 1-16A3, Grn Rvr  
Jenkins 3-16A3, Wasatch

Gentlemen:

Please find a Sundry Notice enclosed, requesting approval to concurrently produce the two subject wells, which are completed in different formations.

Linmar is aware that concurrent production of the same formations will not be allowed.

If additional information is required, please let me know. Your help is greatly appreciated.

Very Truly Yours,



E. B. Whicker  
Manager of Engineering

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

SUBMIT IN TRIPLICATE\*  
(or 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 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  
700' FNL 1280' FEL (NENE)

14. PERMIT NO.  
43-013-30232

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6340 KB

**RECEIVED**

MAY 23 1984

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Allred

9. WELL NO.  
1-16A3

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
16-T1S-R1E, 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"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Authorization to Produce <input checked="" type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <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 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 Corp hereby requests the approval of the Division of Oil, Gas, and Mining, to produce the Green River formation in this well, concurrently with production of the Wasatch Formation in the Jenkins 3-16A3, located in the same section.

This well is completed in the Green River from 11,152 to 11,560'. The offset Jenkins Well is perforated in the Wasatch from 13,678' to 16,106'.

**ACCEPTED**  
**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**  
DATE: 5/13/1984  
BY: John R. Base

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

SIGNED E. B. Wheeler TITLE Manager of Engineering DATE May 21, 1984

(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:

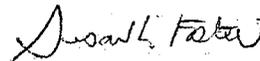
Enclosed is a Sundry Notice, in triplicate, evidencing Change of Operator effective November 1, 1987, from Linmar Energy Corporation to Linmar Petroleum Company covering the wells listed on the Exhibit "A" attached thereto. Such listing of wells should cover all the wells in which you currently show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

RECEIVED  
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  GAS WELL  OTHER

2. NAME OF OPERATOR  
See Below

3. ADDRESS OF OPERATOR  
See Below

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

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, OR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

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

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., W., 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) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	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:

NOV 9 1987

## EXHIBIT "A"

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

<u>WELL NAME</u>	<u>SECTION; TOWNSHIP AND RANGE</u>
Clark 2-9A3 <u>43-013-30876</u>	Section 9, Township 1 South, Range 3 West
Leslie Ute 1-11A3 <u>43-013-30893</u>	Section 11, Township 1 South, Range 3 West
L. B. Ute 1-13A3 <u>43-013-30894</u>	Section 13, Township 1 South, Range 3 West
Allred 1-16A3 <u>43-013-30232</u>	Section 16, Township 1 South, Range 3 West
Jenkins 3-16A3 <u>43-013-30877</u>	Section 16, Township 1 South, Range 3 West
✓ Allred 1-16A3 <u>TS 43-013-30232 (WSTC)</u>	Section 16, Township 1 South, Range 3 West
Marshall 1-20A3 <u>43-013-30193</u>	Section 20, Township 1 South, Range 3 West
Lauren Ute 1-23A3 <u>43-013-30895</u>	Section 23, Township 1 South, Range 3 West
Fisher 1-16A4 <u>43-013-30737</u>	Section 16, Township 1 South, Range 4 West
Jessen 1-17A4 <u>43-013-30173 (GWS)</u>	Section 17, Township 1 South, Range 4 West
State 1-19A4 <u>43-013-30322</u>	Section 19, Township 1 South, Range 4 West
Miles 1-30A4 <u>43-013-30300</u>	Section 30, Township 1 South, Range 4 West
Birch 1-26A5 <u>43-013-30153 (GWS)</u>	Section 26, Township 1 South, Range 5 West
Christensen 2-26A5 <u>43-013-30905</u>	Section 26, Township 1 South, Range 5 West
Jensen 1-29A5 <u>43-013-30154</u>	Section 29, Township 1 South, Range 5 West
Jensen 2-29A5 <u>43-013-30974</u>	Section 29, Township 1 South, Range 5 West
Jensen 1-31A5 <u>43-013-30186</u>	Section 31, Township 1 South, Range 5 West
Barrett 1-34A5 <u>43-013-30323</u>	Section 34, Township 1 South, Range 5 West
Birch 1-35A5 <u>43-013-30233</u>	Section 35, Township 1 South, Range 5 West
✓ Birch 2-35A5 <u>PA. Recorded 43-013-31077</u>	Section 35, Township 1 South, Range 5 West
Stevenson 1-36A5 <u>43-013-30196</u>	Section 36, Township 1 South, Range 5 West
Ford 2-36A5 <u>43-013-30911</u>	Section 36, Township 1 South, Range 5 West
Cheney 1-4B5 <u>43-013-30222</u>	Section 4, Township 2 South, Range 5 West
✓ Edwards 2-4B5 <u>43-013-30901</u>	Section 4, Township 2 South, Range 5 West

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

6. Lease Designation and Serial Number	Allred
7. Indian Allottee or Tribe Name	Ute
8. Unit or Communitization Agreement	96-87
9. Well Name and Number	1-16A3
10. API Well Number	43-013-30232
11. 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 -- for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	2. Name of Operator Linmar Petroleum Company
3. Address of Well P.O. Box 1327, Roosevelt, Utah 84066	4. Telephone Number 722-4546
5. Location of Well Footage : 700' FNL, 1280' FEL (NENE) QQ. Sec. T., R., M.: Sec. 16, T1S, R3W    USM    County : Duchesne    State : Utah	

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

NOTICE OF INTENT  
(Submit in Duplicate)

<input checked="" 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 type="checkbox"/> Other	

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 of Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other	

Date of Work Completion \_\_\_\_\_

Approximate Date Work Will Start June 1, 1994

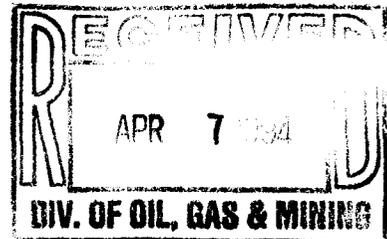
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

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.)

Linmar plans to Plug and Abandon the subject well per the attached procedure and wellbore diagrams.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 4/11/94  
BY: [Signature]



100' cement plug @ 4270' - 4370' (base of moderately saline water.)

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

Name & Signature: E. B. Wheeler Title Manager of Engineer Date 30-Mar-94

(State Use Only)

LINMAR PETROLEUM COMPANY  
P.O. Box 1327  
Roosevelt, UT 84066  
(801)722-4546, FAX (801)722-5807

AFE #M116A3-941  
March 31, 1994

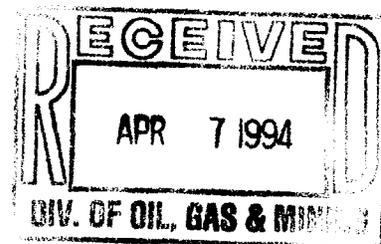
Allred 1-16A3

Duchesne County, Utah

PROCEDURE to Plug and Abandon:

1. MIRUSU, NDWH, NUBOP. Test BOP and csg to 500 psi.
2. Release packer. POOH w/tubing and packer.
3. PU 6½" Wax Knife. RIH and CO to 11,500'±.
4. POOH & LD Wax Knife.
5. PU & RIH w/ 7-5/8" CIBP. Set CIBP @ 12,412'±.
6. Fill Wellbore with viscous mud.
7. Mix and spot 100' cmt plug on top of CIBP.
8. POOH to Base of Moderately Saline Water as specified by DOGM. Balance 100' plug, inside casing, at Base of Moderately Saline Water. *Plug from 4270' - 4370'!*
9. POOH with tubing & setting tool, to 3,055'. Balance 100' Cement Plug from 2,955' to 3,055'.
10. POOH to 100'. Balance cement plug in top of well.
11. Fill Surface pipe/Production Casing annulus with lite cement.
12. Cut off Wellhead and install Dry Hole Marker.
13. Remove all surface equipment, restore location grade, and reseed with Surface Owner approved seed mixture.

EBW  
3/30/94

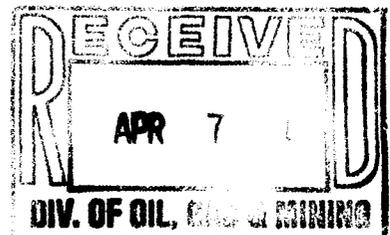
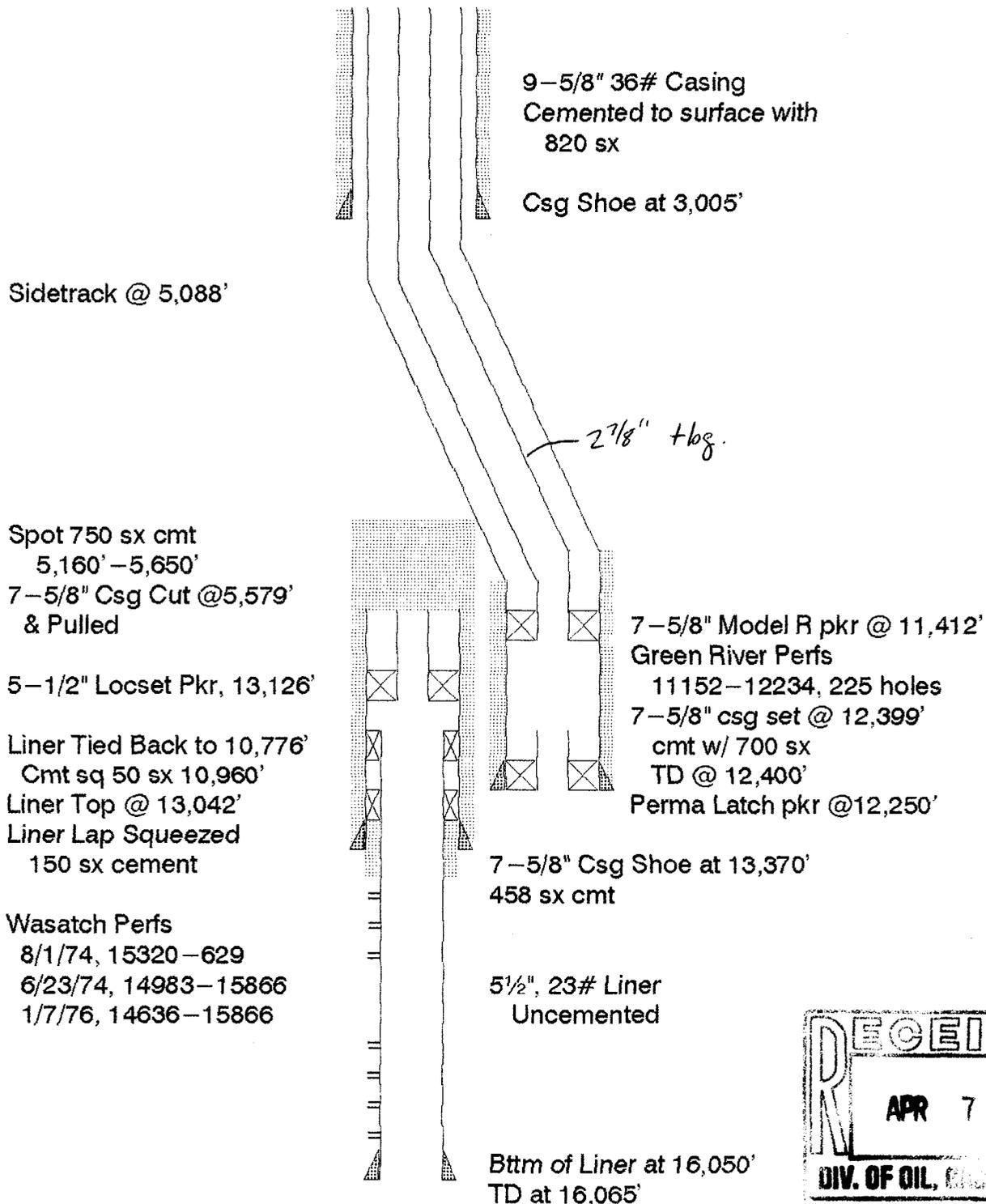


# LINMAR PETROLEUM COMPANY

## Allred 1-16A3

March 30, 1994

### Wellbore Diagram \* Current Configuration



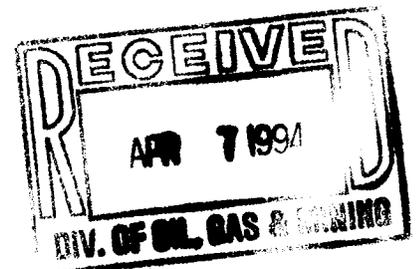
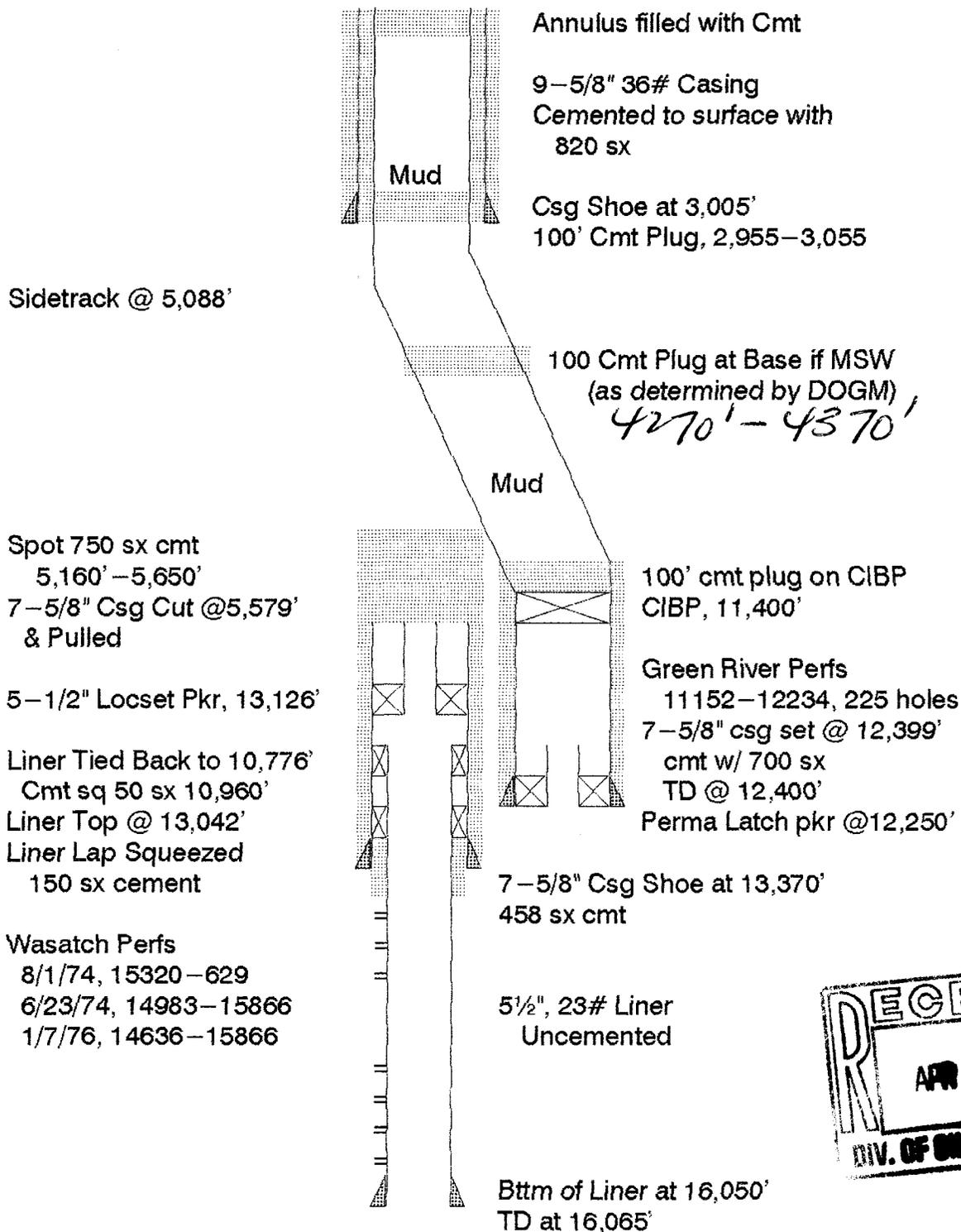
\* Not to Scale

# LINMAR PETROLEUM COMPANY

## Allred 1-16A3

March 30, 1994

### Wellbore Diagram \* Proposed Configuration

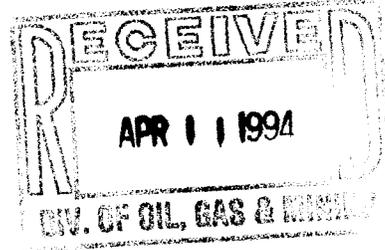


\* Not to Scale

Linmar Petroleum Company  
80 South Main Street  
P.O. Box 1327  
Roosevelt, UT 84066  
(801)722-4546  
Fax (801)722-5807

April 8, 1994

Dan Jervis  
Division of Oil, Gas, Mining  
Suite 350, 3 Triad Center  
355 West North Temple  
Salt Lake City, UT 84180-1203



Re: Allred 1-16A3  
P&A Proposal

Dear Dan:

Please find enclosed, workover and drilling reports for the period when Mapco discovered collapsed casing, until they laid down the dynadrill used ~~for~~ sidetracking the well. I have also enclosed a 1982 completion report, which seems to apply to this operation, although it was filed three years late.

We have fairly good daily records for this well, and would be happy to provide whatever else you might need. Just let us know.

Sincerely,

A handwritten signature in cursive script that reads "E. B. Whicker".

E. B. Whicker  
Manager of Engineering

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Allred

9. WELL NO.

1-16

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 16, T1S, R3W

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

14. PERMIT NO.

43-013-30232

DATE ISSUED

6-11-1973

15. DATE SPUDDED

7-16-73

16. DATE T.D. REACHED

1-3-74

17. DATE COMPL. (Ready to prod.)

9-3-82

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\*

6319' GL, 6340' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

16,065'

21. PLUG, BACK T.D., MD & TVD

16,050'

22. IF MULTIPLE COMPL., HOW MANY\*

No

23. INTERVALS DRILLED BY

Surf-16,065'

ROTARY TOOLS

CABLE TOOLS

None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

11,152-11,386' - Green River B & C

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC Sonic-GR, Dual Induction, Laterolog 8, FDC-CNL GR, HDT Dipmeter

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	3,005'	12-1/4"	1093 sacks	
7-5/8"	26.4#, 29.7# 33.7#	13,336'	8-3/4"	648 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	13,042'	16,050'	None	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	13,032'	13,032'
2-3/8"	5,454'	

31. PERFORATION RECORD (Interval, size and number)

See Attachment

APR 11 1994

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

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

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9-5-82	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/5-9/7	72			69	113	1457	16,370
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			23	37	486		

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

Any produced is used on lease

TEST WITNESSED BY

Larry Wilson

35. LIST OF ATTACHMENTS

Perforation and stimulation record

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

SIGNED R.C. Baumann  
R. E. Baumann

TITLE Engr. Tech.

DATE 10-14-82

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



MAPCO PRODUCTION COMPANY  
 COMPLETION REPORT  
 ATTACHMENT

Allred 1-16

<u>PERFORATION RECORD</u> <u>INTERVAL AND DEPTH</u>	<u>SIZE</u>	<u>NO.</u>	<u>ACID, SHOT, FRACTURE, CEMENT SQUEEZE</u> <u>AMOUNT AND KIND OF MATERIAL USED</u>
11,152-11564'	.51"	146 holes	15,000 gal. 15% HCl

PERFORATIONS  
 BHC SONIC DEPTHS

11,560-564',	4'	11,345-348',	3'
11,503-504',	2'	11,318-322',	4'
11,516-526',	10'	11,303-307',	4'
11,496-502',	6'	11,265-267',	2'
11,444-447',	3'	11,234-236',	2'
11,437-439',	2'	11,201-205',	4'
11,430-434',	4'	11,183-185',	2'
11,380-386',	6'	11,162-166',	4'
11,358-363',	5'	11,152-156',	4'

TOTAL 73'

Set BP at 11,410'

ALLRED 1-16 8-26-77 *Curley & Grinnell*

T.D. 16,065'; moved Western Rig #16 from D. Ralphs 1-6 to location and RU rig. Removed 8" OCT tree and 2-3/8" dovetail. PU on production string and added 4' sub and landed back in dove tail. Installed L & M 8" BOP. RU floor and equipment. Laid pump lines. Began circulating down tubing with formation water to circulate hole clean. Circulated at 3.5 BPM at 1,200 psi. Closed well in and SDON.

ALLRED 1-16 8-27-77 *W. Hall*

T.D. 16,065'; well pressure--0 psi. RU McCullough Electric to run 1-7/16" free point. Ran in to 5,000'. Tested tool, had a short in line. Came out and repaired head. Ran back in to 1,200', tested tool. Had a short. Came out and repaired head. Ran back in to 5,000'. Tested tool, was working. Went to 6,880' tested 100%, 8,480' tested 100%, 9,590' tested 0%, 9,090' tested 0%, 8,720' tested 100%, 8,733' tested 10%, 8,725' tested 100%, and 8,739' tested 10%. Determined tubing was stuck at 8,731'. Came out running a collar log for 250' from 8,750' to 8,500'. MU chemical cutting tool 2-1/8" OD and ran in to 8,739'. Checked collars from 8,731', back up to 8,500'. Went back in and cut tubing off at 8,731', leaving 18' of tubing to next collar at 8,731'. Came out to 8,499'. Hung up on gas valve, worked it for 30 minutes. Pulled free, came out. Strapped out of hole with production tubing, laying down gas mandrels. Pulled 250 joints of 2-7/8", 65#, N-80 Nu-Lock tubing.

ALLRED 1-16 8-29-77 *Curley & Grinnell*

T.D. 16,065'; well pressure--0 psi. Continued P00H. Pulled 16 stands plus cut-off joint. The 283rd joint was cut off 10.18' from top. Tallied out. MU Acme 5-3/4" overshot with 2-7/8" grapple, bumper sub, 4-3/4" hydraulic jars, 4 - 4-3/4" x 2 1/4" DC's, 4-3/4" accelerator, and X-overs. TIH to 8,731.02' KB with overshot. Attempted to catch fish. Tagged up and worked over fish 20". Pulled on fish, but came loose when jars went off. Worked back over fish, but it would come loose when jars would go off. P00H. Overshot had been over fish. Could see scar marks on grapple. Also edge of shoe showed it had been working on top of something. Found overshot and grapple were full of drilling mud and lost circulation material. Found same BHA but installed new 2-7/8" grapple in overshot plus a 2.75' extension on overshot. TIH 11 stands tubing plus BHA. Closed well in and SDON.

ALLRED 1-16 8-30-77 *Curley & Grinnell*

T.D. 16,065'; well pressure--0 psi. Continued TIH with 5-3/4" overshot dressed with 2-7/8" grapple. Checked each tool joint for proper torque. Tagged up on fish at 8,731' KB. PU 1' above fish and circulated conventionally for 30 minutes. Worked overshot over fish. Jarred on fish for 1 1/2 hours. Could not get any movement. Started circulating down tubing to change out fluid in well. It took 2,900 psi to break circulation. Pumped clean hot formation water down tubing at 1.5 BPM at 2,900 psi. Circulated out drilling mud and lost circulation material. Pressure began dropping and rate came up. Circulated hole with 550 barrels clean formation water. Rate was 3.7 BPM at 1,200 psi when finished. Returns were clean water. Attempted to release packer. Would put 8-10 turns right-hand torque in tubing and work tubing up and down. Would get back all the torque. Would get 9' of stretch in tubing pulling to 100,000# on weight indicator. This is 50,000# above weight of fishing string. Could not get packer to release. Closed well in and SDON.

ALLRED 1-16 8-31-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. RU GO International and RIH with 1-7/16" OD free point to 8,746'. Could not get through top of fish. POOH and went back in with sinker bar and jars, 1-3/4" OD with 1-3/4" probe on bottom of it. Went to 8,753', could not get down. Worked with it for 1/2 hour, came out. Ran back in with 1-7/8" tubing swedge, 1-3/4" sinker bar, and 1-3/4" jars. Went to 8,753' and jarred through tight place. Worked tool up and down through tight place 10 times. Went on down to 8,900'. Came out and ran back in with 1-7/16" OD free point. Had 15% at 8,880' pulling 20,000# over weight. At 8,780' tool would not set, 8,760' 100%, 6' below overshot, and 8,780' 20% pulling 20,000# over weight, and 8,899' 20% pulling 20,000# over weight. POOH. Ran back in hole with string gun, 280 grain, to 8,900'. Checked collar at 8,895'. Shot collar at 8,895'. Did not part tubing. Came out and worked tubing, setting jars off at 100,000#. Would not pull loose. Made 2nd run with string gun, 480 grain. Shot collar at 8,895'. Did not part tubing, came out. Worked tubing setting jars off at 100,000#. Would not pull loose. Closed well in for the night.

ALLRED 1-16 9-1-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. RU GO International and RIH with 1-13/16" OD jet cutter to 8,896' and shot off 6" below collar. Came out and jarred on tubing for 1/2 hour at 105,000#, would not come. Went back in with 1 1/2" OD string shot, 800 grain. Shot at 8,896' with 30,000# over weight pull, came out. Jarred on tubing for 1 hour, 105,000# to 110,000#, would not come. RU pump lines and circulated tubing. Took 900 psi to break circulation, then it dropped to 800 psi. Circulated for 1 1/2 hours getting full returns: a small amount of mud and shale, with 115,000# pull on tubing. Shut pump down, RD pump lines. Ran back in with a 1-5/8" OD string shot, 800 grain. Shot at 8,896' with 30,000# over weight pull. Ran collar log. Log indicated tubing was apart. Came out and RD GO International. Jarred on tubing for 2-3/4 hours pulling from 115,000 to 118,000#. Then circulated hole for 1 hour at 3.9 BPM with 800 psi pressure. Jarred on tubing for 2 hours at 118,000# to 120,000# pull. Did not pull free. SDON. Note: Weight indicator was 10,000# off, reading low. Maximum pull was 130,000# on tubing.

ALLRED 1-16 9-2-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. Jarred on tubing for 3 hours, pulling 110,000# to 120,000# on weight indicator, 25,000# to 30,000# over weight. Did not get any movement with fish. Released overshot off fish and POOH with tubing and fishing tools. WO machine shop to make up new fishing tools. Ran 10 stands of tubing in hole and closed well in for the night.

ALLRED 1-16 9-3-77 *A. Kulland*

T.D. 16,065'; pulled 10 stands, 6.5#, N-80 Nu-Lock tubing. PU swedge (6 1/4" OD, 3-3/4" ID, 1.25' long), 1 joint 4 1/2" DP, 16.60# with FH threads 31.72' long, C.O., bumper sub, hydraulic jars, 10 - 4-3/4" DC's, and C.O. Then ran 272 joints tubing, total tools and tubing--8,730'. Top of fish at 8,731'. PU 1 joint and went in hole 13' to 8,743', then started swedging. This is 12' over tubing stub left in hole. Swedging 7-5/8" casing with 6 1/4" swedge from 8,743' to 8,751'. Hooked up to circulate. Circulated 3.9 BPM and 800 psi (formation water). Swedged out 7-5/8" casing, 8,751' to 8,759'. Shut down swedging. Reverse circulated 45 minutes and then pulled 252 stands out of hole and SDON and weekend.

ALLRED 1-16 9-6-77 *Curley Grinnell*

T.D. 16,065'; well pressure--0 psi. Continued POOH. Stood back DC's and tools. LD 1 joint 4½" DP and casing swedge. Swedge showed that it had worked on a tight spot in the 7-3/8" casing. MU 5-3/4" OD overshot with 2-7/8" grapple. Ran tools and 10 DC's in hole. TIH with DC's, tools, and 2-7/8" tubing to 8,731' KB. Tagged up on fish and latched onto same. Jarred on fish 25,000# to 30,000# over weight of string. Made no movement in fish. Attempted to release packer, but would get all the torque back. RU pump lines and circulated down tubing at 4 BPM at 800 psi. Circulated out small amount of drilling mud and gas. After circulating, jarred on fish but got no movement. Also, attempted to release packer but could not get any torque down to packer. RU GO International to run free point. WIH to 8,100', but tools were not working properly. POOH and attempted to fix tools. Closed well in and SDON.

ALLRED 1-16 9-7-77 *Curley Grinnell*

T.D. 16,065'; well pressure--0 psi. RD GO International. Could not get free point tool to work. Released overshot from fish. TOOH. Changed out accelerator and hydraulic jars. Stood back 10 - 4-3/4" DC's. Broke off overshot. MU 6¼" swedge and 2 joints 4½" DP, bumper sub, hydraulic jars, 10 - 4-3/4" DC's, and accelerator. TIH. Ran 271 joints 2-7/8", 6.5#, N-80 tubing. Tagged up on fish 8,731' KB. Worked swedge over fish. Started swedging, made 3'. RU pump lines and reverse circulated at 4.45 BPM at 550 psi. Circulated out muddy water. Circulated total of 90 barrels. Continued swedging over fish. Made another 20', total of 23'. Closed well in and SDON. Swedged from 8,731' to 8,754'.

ALLRED 1-16 9-8-77 *Curley Grinnell*

T.D. 16,065'; well pressure--0 psi. Hooked up pump lines and reverse circulated 160 barrels while slipping drill line in rig. Continued swedging. Made 6' total new hole. Did not have any problems of getting to where had left off the night before. After bumping down, it would take 50,000# to pull loose. Made total of 29' on this trip. Swedged out to 8,760' KB. TOOH with 6¼" swedge. Found 5 joints of tubing on top of DC's were bent and corkscrewed. Also, both joints 4½" DP were bent. The bottom edge of swedge was indented badly as if we were bumping on an edge of metal. Broke out tools. LD 2 joints 4½" DP. WO orders. LD bent joints of 2-7/8", 6.5#, N-80 Nu-Lock tubing. Ran 30 stands in hole. Closed well in and SDON.

ALLRED 1-16 9-9-77 *Curley Grinnell*

T.D. 16,065'; well pressure--0 psi. Pulled 30 stands tubing from well. PU and MU 5-7/8" OD x 3-3/4" ID swedge, 2 joints 5½", 17#, X-line wash pipe (75.34'), 4-3/4" bumper sub, 4-3/4" hydraulic jars, 10 - 4-3/4" DC's, 4-3/4" accelerator, and X-overs. Swedge has cutrite on it. TIH. Tagged top of fish at 8,731' KB. RU drilling head, Halliburton tubing swivel, and pump lines. Worked tools over top of fish. Went over fish 5' to 8,736'. Started circulating in reverse while swedging and rotating. Rotated, swedged and circulated down to 8,743', when circulation plugged off. Pulled up and got circulation back. Circulated up shale cutting and pieces of metal. Worked tools to 8,750'. Continued working tools by rotation and swedging to 8,755' where hit a tight spot. Returns showed shale, lost circulation material, drilling mud, and small metal cuttings. Worked tools through tight spot from 8,755' to 8,758'. Closed ram and circulated at 8,757' at 4.9 BPM at 800 psi. Returns showed a large amount of shale and a few small pieces of metal and lost circulation material. Pulled up off fish. Closed well in and SDON.

ALLRED 1-16 9-10-77 *Barney Green*

T.D. 16,065'; well pressure--0 psi. Installed new drilling head rubber. RU Acme power swivel unit. Reverse circulated at 3 BPM at 500 psi. Worked over top of fish at 8,731' with no problems. Tagged fill at 8,757'. Rotated, circulated, and swedged. Returns showed a large amount of shale with some small pieces of metal. Had to continually work pipe because it would torque out. After swedging on pipe, returns were straight drilling mud for 2-3 minutes. Ran 750 to 950# torque with 1-4,000# weight on string. Circulation would plug off quite often. Had to keep working tight spot from well all the time. The tight spots were on bottom. Made a total of 18" from 8,758' to 8,759½' this day. Circulated well clean. Removed drilling head. Hung back power swivel. Started TOOH. Pulled 85 stands, 2-7/8", 6.5#, N-80 Nu-lock tubing. Closed well in and SD for weekend.

ALLRED 1-16 9-12-77 *M. Hall*

T.D. 16,065'; bled pressure off well, 75 psi on tubing and 75 psi on casing. Continued out of hole, stood tools back. LD wash pipe. Had tubing in wash pipe, 12' piece with 1/3 of it gone and a 6' piece with collar that was flat which indicated it was caused by going down along side of fish. WO orders for 1 hour. TIH with same BHA except for bottom shoe, which was washover shoe 5-7/8" OD by 4-3/4" ID, 2.50' in length, and 8 DC's, instead of 10 joints, leaving out 2 joints with 1-13/16" ID. RU power sub, installed drilling head. Tagged fish at 8,758'. Began rotating and reverse circulated. PU to 8,749', and cleaned hole out to 8,758', running 1,200 psi to 1,500 psi torque on tubing with 400 psi pump pressure, pumping 3.5 BPM. Had trouble with mud lines plugging off with shale. Circulated out shale and metal cutting. Hole cleaned up after working for approximately 1 hour. Circulated bottoms up and pulled up 20' above fish and SDON.

ALLRED 1-16 9-13-77 *M. Hall*

T.D. 16,065'; bled pressure off well. Had 50 psi on tubing and casing. Started washing over fish. Reverse circulated, 400 to 500 psi pressure, 3 to 3.7 BPM, turning tubing with power swivel at 1,300 to 1,500# torque. Torque gauge on power swivel gave indication of going over top of fish at 8,749'. Tagged up at 8,758'. Tubing would torque up from 8,750' to 8,758' with 3,000# weight on it. Cleaned and circulated from 8,750' to 8,759'. Circulated out shale and metal cuttings, shale from pieces large enough to plug off 2" mud lines to small pieces, and metal cuttings from approximately the size of a pencil eraser to very fine. Had trouble with surface lines plugging off with cuttings. Changed lines and bypassed mud manifold and lines stopped plugging off. Made approximately 1' from 8,758' to 8,759', would make it and then lose it with 3,000# weight on it, 1,300 to 1,500# torque. Then tubing plugged off and torqued up. Acted like might have stuck a piece of fish in washover pipe. Removed drilling head. Hung back power swivel and started out. Pulled 262 joints of tubing. SDON.

ALLRED 1-16 9-14-77 *W. Hall*

T.D. 16,065'; well pressure--0 psi. POOH. Stood back tools. Changed out shoe. Show was worn out. Appeared to have had fish up inside of shoe. PU new shoe, 6" OD by 4-3/4" ID. Bottom of shoe 4" ID with cutrite face. MU wash pipe, collars and same tools as before. TIH and tagged up at 8,752'. RU drilling head and power swivel. Washed over fish. Reverse circulated, 500 to 600 psi pressure, and 3 to 3.7 BPM. Running 3,000 to 4,000# weight with 1,400 to 1,600 psi torque. Had trouble plugging off down hole. Formation would take fluid when pressure on pump got over 800 psi. Formation took approximately 100 barrels of fluid. Washed over from 8,752' to 8,758' circulating out shale and metal cuttings. Got smaller pieces of shale, and more pieces of metal than yesterday. Worked to 3 PM to get to 8,750', then shale sluffed in, lost 3'. Circulated out large amount, of large shale, and a very small amount of metal cuttings. Got back to 8,758'. Did not make any new hole. Circulated bottoms up to clean up tubing. Circulated for 1/2 hour. PU off fish 20'. Closed well in for night.

ALLRED 1-16 9-15-77 *W. Hall*

T.D. 16,065'; bled 75 psi off well. Tagged up at 8,758'. Did not have any fill on fish. Started washing over fish. Reverse circulated with 400 to 600 psi pump pressure, 3 to 3.7 BPM, running 8,000 to 10,000# weight. Torque was 1,300 to 1,600#. Circulated out shale and metal cuttings. Shale was smaller indicating very little shale was sluffing in on us. Metal cuttings were larger and more worn indicating shoe was wearing out. Never lost any hole while drilling. Amount of shale cuttings slowly decreased. During drilling, made 1' of hole from 8,758' to 8,759'. Stopped making hole at 11 AM. Drilled and cleaned on fish till 2 PM, then circulated bottoms up till 2:30 PM. Removed drilling head and LD power swivel. POOH, stood back tools and collars. LD wash pipe. Broke mill shoe off bottom, shoe was worn out. Had marks up inside of shoe about 3 inches. Ran 20 joints of tubing in hole. Closed well in for the night.

ALLRED 1-16 9-16-77 *W. Hall Farwin Krelland*

T.D. 16,065'; well pressure--0 psi. POOH with 20 joints of tubing and PU washpipe with new shoe, 6-3/8" OD, 5-5/8" ID, 3 1/4" ID on bottom of shoe, 2.63' long. Ran in tools and collars. TIH with tubing. Tagged up at 8,750'. RU drilling head and power swivel. Began drilling. Reverse circulated. Ran 400 to 600 psi pump pressure, 3 to 3.7 BPM, with 1,300 to 1,700# torque, 4,000 to 7,000# weight on it. Drilled from 8,750' to 8,759' in 45 minutes. Was at 8,759' last night. Circulated out shale and metal cuttings. Got small and large metal cuttings, getting mostly small shale cuttings with a few larger pieces. Hole did not give any indication that it was sluffing in. Made 2 1/2' of hole, then mill started to run smooth with 8,000# on it. Worked it up and down trying to tear some more pieces off with no luck. Circulated 1/2 hour. POOH, broke off shoe and replaced it with a shoe 6" OD x 3-3/8" ID and 3 1/2' long. The shoe that was pulled was worn almost completely out with the clustrite on the bottom outside being completely gone and the metal showing. It also showed signs of something on the inside, but could not tell how far it went up inside. TIH and put on rotating head and PU power swivel. Started milling at 8,761'. Had about 1' of fill on top of where we left fish, had trouble plugging off. Circulated clean and started hooking up large OD Kelly hose and mud lines at 7 AM, 9-17-77.

ALLRED 1-16 9-17-77 *M. Hall*

T.D. 16,065'; RU 3" Kelly hose and 4" mud lines. Continued drilling, reverse circulated with 700 to 800 psi pump pressure, 3.5 to 4.1 BPM, with 1,000 to 3,000# weight and 1,000# torque. Brought up shale and metal cuttings. Made 3' of new hole, bringing out small metal cuttings and small shale cuttings. Then hole started sluffing in, lost 1'. Got back to original depth and started getting back larger pieces of shale. Started having trouble with tubing plugging off. Made 1' more of new hole, making a total of 4' from 8,761' to 8,765'. Lost 150 barrels of fluid as formation would take fluid whenever pump pressure got over 800 psi. Drilled till 6:15 PM, then circulated bottoms up 45 minutes. PU 20' off fish and shut well in.

ALLRED 1-16 9-19-77 *M. Hall*

T.D. 16,065'; bled pressure off well, had 50 psi. Tagged up at 8,765' which was the depth we stopped at Saturday night, 9-17-77. Continued drilling and washing over. Reverse circulated with 650 to 800 psi pump pressure, pumping 4 to 4.4 BPM with 1,100 to 1,500# torque, running 2,000 to 3,000# weight. Made 6" circulating up metal and shale cutting. Then hole sluffed in. Had 2' of fill. Started having trouble with tubing plugging off at swivel, and first joint of tubing below swivel. Made another 6" of new hole for a total of 1', putting us to 8,766'. Hung back power swivel. Removed drilling head. Started out of hole. Got out of hole. Stood back collars and tools. LD wash pipe. There was no marks on wash pipe that would indicate that we were out of casing. Shoe was worn out. All the cutrite on outside was gone. Small amount of cutrite left on inside. There was a ring 2" inside of shoe. Ran 10 stands of tubing back in. Closed well in for the night. Note: P00H when tools started hanging up causing power swivel to torque out.

ALLRED 1-16 9-20-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. Pulled 10 stands of tubing. MU 6-3/8" OD, 5-5/8" ID concave wash pipe mill. RIH with tools, collars, and tubing. Hit tight spot at 8,758'. Went through tight spot. Tagged up at 8,764', had 2' of fill. RU drilling head and power swivel. Began drilling, reverse circulated with 600 to 800# pump pressure, pumping 4 to 4.5 BPM with 1,000 to 3,000# weight. Rotated 70 to 90 RPM with 1,100 to 1,500# torque on power swivel gauge. Circulated out shale and metal cuttings approximately 3 gallon bucket full every 30 minutes. Had trouble with tubing plugging off. Took power swivel lines apart. Had a piece of tubing stuck in change-over sub on power swivel. Had very little trouble with tubing plugging off. From 1 PM to 6 PM, circulated up a 5 gallon bucket full of metal and shale cuttings every 30 minutes. Made 2' of redrill hole, and 3' of new hole. That put us to 8,769'. Circulated bottoms up for 45 minutes to get hole good and clean to see how much fill we would have in the morning. Closed well in for the night.

ALLRED 1-16 9-21-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. Tagged up at 8,769'. Did not have any fill on top of fish. Started milling with concave wash pipe mill. Reverse circulated with 600 to 800 psi pump pressure, pumping 4 to 4.5 BPM with 1,000 to 4,000# weight. Whenever went over 4,000#, would torque up and stall out power swivel. Turned tubing 70 to 90 RPM, with 1,100 to 1,600# torque. Circulated up approximately 1 gallon of metal and shale cuttings every 30 minutes. Was getting back more larger pieces of metal cuttings than yesterday. Made 1' of new hole from 8,769' to 8,770'. Circulated bottoms up for 30 minutes. Removed drilling head and hung back power swivel. PCOH. Stood back collars and tools. LD wash pipe. Center of concave shoe was completely worn out, back to a 5 $\frac{1}{4}$ " ID. RIH with 10 stands of tubing. Closed well in for the night.

ALLRED 1-16 9-22-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. Pulled 10 stands of tubing. Made up 6-3/8" OD and 3 $\frac{1}{2}$ " ID shoe on wash pipe. Ran tools and collars. TIH, tagged up at 8,770'. Did not have any fill on fish. RU drilling head and power swivel. Continued drilling and washing over. Reverse circulated with 700 to 800 psi pump pressure, pumping 4 to 4.5 BPM, turning tubing 70 to 90 RPM, running 1,100 to 1,500# torque, with 2,000 to 4,000# weight. Made 6" of new hole, then hole sluffed in 2' of fill. Started having trouble with tubing plugging off. Checked out all the surface line, was clean. It was plugging off down hole. Got back to 8,770', then tubing would plug every time would put any weight on it. Circulated bottoms up. Hung back power swivel. Removed drilling head and P00H. Pulled 20 stands. Closed well in for night.

ALLRED 1-16 9-23-77 *Hall*

T.D. 16,065'; well pressure--0 psi. Continued out of hole. Stood back collars and tools. LD wash pipe. Broke off 6-3/8" wash pipe shoe. Had large pieces of shale, and pieces of metal in bottom of shoe. Had a 5' sliver of tubing 4 to 5" around. Shoe was worn out on outside edge. Still had some cutrite on inside. MU new shoe 6-3/8" OD, 3 $\frac{1}{2}$ " ID. MU tools and collars. TIH and tagged up at 8,770'. RU drilling head and power swivel. Began drilling, reverse circulated with 700 to 800 psi pump pressure, pumping 4 to 4.5 BPM with 1,000 to 2,000# weight, turning tubing 70 to 80 RPM, with 1,100 to 1,500# torque. Made 4", then tubing started plugging off. Circulated and cleaned hole up, getting back shale (large pieces) and metal cuttings (small pieces). Circulated bottoms up for  $\frac{1}{2}$  hour. PU off fish 20'. Closed well in for the night.

ALLRED 1-16 9-24-77 *max Farnsworth*

T.D. 16,065'; continued drilling. Tagged up at 8,765'. Hit tight spot. Worked down through it. Tagged up at 8,769'. Reverse circulated 4 to 4.5 BPM at 5-800#. Rotated with very little weight. Had trouble plugging off at bottom and at swivel 30 minutes after starting to drill. Circulated out large shale and small amount of cuttings. Hole sluffed in several times. Had a little trouble with tight spot all day, made less than 1' of hole. Circulated bottoms up to clean tubing. Pulled up above bad casing. Shut well in.

ALLRED 1-16 9-26-77 *M. Wall*

T.D. 16,065'; well pressure--0 psi. Tagged up at 8,768', had 2' of fill. Began reverse circulating. Decided to come out of hole. Circulated bottoms up. Removed drilling head. Hung back power swivel. POOH. Did not have anything in shoe. Shoe was worn out on outside and pinched in a little bit. Inside of shoe was still in fair shape. MU 6-3/8" OD and 3 1/2" ID shoe. TIH and tagged up at 8,768'. Installed drilling head and power swivel. Began drilling. Reverse circulated with 700 to 800 psi pump pressure, pumping 4 to 4.5 BPM at 4 PM. Circulated up a large amount of shale and small amount of metal cuttings. Started having trouble with tubing plugging off. Tubing was plugging off at power swivel with large pieces of shale. Also plugging off down hole. Cleaned out to 8,769 1/2', turning tubing 70 to 90 RPM, with 1,000# weight on it. PU off fish 25' and circulated hole for 1 hour getting back a large amount of shale. Closed well in for the night.

ALLRED 1-16 9-27-77 *M. Wall*

T.D. 16,065'; well pressure--0 psi. Began drilling. Reverse circulated. Tagged up at 8,769', running 700 to 800 psi pump pressure, pumping 1 1/2 to 3 BPM, with 1,000 to 2,000# weight. Had trouble with tubing plugging off from the beginning. Circulated out a small amount of shale and metal cuttings, then tubing plugged off solid. Tried rocking tubing with fluid pressure, could not unplug tubing. Removed drilling head. Hung back power swivel with wet string. Had a shale plug above and below accelerator. Also had a shale plug at shoe, and a 2' piece of tubing with upset and thread part of pin and a piece of metal 7" long and 3 1/2" wide which appeared to be a piece of casing. MU 6 1/4", 4 1/4" ID shoe on wash pipe. RIH with 2 joints of wash pipe change-over sub. Ran 10 stands of tubing in the hole. Closed well in for the night.

ALLRED 1-16 9-28-77 *M. Wall*

T.D. 16,065'; well pressure--0 psi. Continued TIH with wash pipe and 6 1/4" OD, 4 1/4" ID. Tagged up at 8,769'. Installed drilling head and power swivel. Began drilling, reverse circulated with 700 to 800 psi pump pressure, pumping 4-4.5 BPM. Had trouble with tubing plugging off from the start. Circulated up shale with very few metal cuttings. Ran 700 to 1,000# weight, turning tubing 70 to 90 RPM. Tubing plugged off. Put 4,500 psi down tubing. Could not get tubing unplugged. Hung back power swivel and removed drilling head. POOH with wet string. Shoe was plugged with 2 pieces of metal in the bottom part of shoe. One piece was 10" long and 2 1/2" wide at widest spot. It appeared to be casing. The other piece was 5 1/2" long and 4" wide. There was a large amount of shale in shoe above metal pieces. Some shale pieces were 4" by 4" by 3 1/2". Cleaned all the shale and 2 pieces of metal out of shoe. Ran the same shoe back in. The OD was still 6 1/4" and the ID was still 4 1/4". Ran in 2 joints of washpipe and 10 stands of tubing. Closed well in for the night.

ALLRED 1-16 9-29-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. Continued TIH with 6 $\frac{1}{4}$ " OD and 4 $\frac{1}{4}$ " ID shoe. Tagged up at 8,770'. Did not have any fill. RU drilling head and power swivel. Began drilling. Reverse circulated with 700 to 800 psi pump pressure pumping 4 to 4.5 BPM with 1,000 to 3,000# weight, turning 90 to 100 RPM. Tubing plugged off 15 minutes after got on bottom. PU and got tubing unplugged. Went down 1' above fish and circulated hole clean with 800 psi pump pressure, pumping 4 to 4.5 BPM. Got out approximately 10 gallons of shale in 1 hour. Went back to drilling. Would drill till first sign of tubing started to plug. Then, PU 1' above fish and circulated bottoms up for  $\frac{1}{2}$  hour. Circulated out a large amount of shale, large and small pieces. Got out small metal cuttings. Did not get any large pieces of metal. Made 4' of new hole from 8,770' to 8,774'. Circulated bottoms up to clean up tubing. Pulled up off fish and closed well in for the night.

ALLRED 1-16 9-30-77 *M. Hall*

T.D. 16,065'; well pressure--0 psi. Continued in the hole. Tagged up at 8,772', had 2' of fill on top of fish. Began drilling, reverse circulated with 800 psi pump pressure, pumping 4 to 4.5 BPM, turning tubing 90 to 100 RPM with 500 to 1,000# torque, with 1,000# weight on it. Every time we put over 1,000# weight on it, tubing would plug off. Cleaned out 2' of fill and made 1' of new hole. Had trouble with tubing plugging off down hole and on surface. Would have to PU 4-5' above fish to circulate hole clean or it would plug off on us. When going back down to fish, would tag up at 8,772' and have to rotate for 2" like it was going over tubing. The 1' of new hole put us from 8,774' to 8,775', then it stopped making hole. Acted like it was on something hard. Circulated up large amount of shale, 3-4 gallons every time we cleaned hole up for 30 minutes. Did not get very large pieces of shale. Largest pieces were 2 to 2 $\frac{1}{2}$ ". Got very few metal cuttings and they were cuttings, not pieces. Then tubing plugged off down hole. Only getting back 1/3 of normal returns. Removed swivel and drilling head. POOH. Had plug in tubing 5 stands down. Pulled 40 more stands before tubing dried up. POOH. Did not have anything in shoe. Shoe was 80% worn out on outside bottom. Inside was 4-3/8" ID. Had 1/8" wear. PU new shoe 6 $\frac{1}{4}$ " OD and 4 $\frac{1}{4}$ " ID. Ran in 2 joints 5 $\frac{1}{2}$ " wash pipe and 34 joints of tubing. Found another joint of tubing plugged with shale 850' off bottom. Closed well in for the night.

ALLRED 1-16 10-1-77 *Hall*

T.D. 16,065'; well pressure--0 psi. Continued in the hole with 6 $\frac{1}{4}$ " OD and 4 $\frac{1}{4}$ " ID shoe. Reverse circulated every 50 stands to make sure tubing was not plugged. Found a plug in tubing 8 stands down from top. Found it before it was RIH. RU power swivel and installed drilling head. Tagged up at 8,772 $\frac{1}{2}$ '. Had 2 $\frac{1}{2}$ ' of fill on top of fish. Circulated bottoms up for  $\frac{1}{2}$  hour. Circulated up approximately 1 gallon of shale. Began drilling, reverse circulated with 800 psi pump pressure, pumping 3.9 to 4.5 BPM, turning tubing 90 to 100 RPM with very little weight on it and 500 to 600# torque. Had trouble with tubing plugging off 15 minutes after started drilling. Drilled 1 hour, circulated conventionally. Drilled for 1 hour. Made 2 $\frac{1}{2}$ ' of redrill hole and 3' of new hole. PU off bottom and reverse circulated hole clean for 1 hour and 15 minutes. Circulated up a small amount of shale. Continued drilling conventionally for 2 hours, made 2' of new hole, putting us from 8,775' to 8,780'. Circulated hole for 1 $\frac{1}{2}$  hours, reverse circulated. Did not get any shale back. Went back to drilling, reverse circulated. Plugged off tubing and pulled up off fish 5' and circulated bottoms up. Circulated out approximately 15 gallons of fine shale and some very fine metal cuttings. SDON with shoe PU 25' above fish.

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 10-20-78 Moved Western rig #16 from D. Ralphs 1-5 to Allred 1-16.  
(M. Hall) Cost \$245
- 10-21-78 Had 100 lbs. pressure on well. Bled pressure off. RU rig and equipment. Removed 8" Oct tree. RU BOP. Pulled out LD 2-7/8" production string. First 65 joints were wet. Pulled 143 joints. SDFN. (M. Hall) Daily Cost \$1,069 Cum Cost \$1,314 MURU Western Rig #16. SIP 100 psi. Bled pressure to pit. Removed 8" OCT wellhead and nipped up BOP's. Pulled and LD 143 joints. 2-7/8" tubing. SD for Sunday.
- 10-23-78 SIP 0 psi. Resumed pulling and LD 2-7/8" tubing. LD a total of 282 joints and moved to edge of location to make room for drilling rig. Changed drilling line on rig in preparation for pulling 7-5/8" casing. Loaded hole with 10.1 ppg mud. Cleaned out cellar and removed BOP and tubing head prep. to RU casing pullers. SDFN. (M. Hall) Daily Cost \$1,426 Cum Cost \$2,740
- 10-24-78 No pressure on well. Waited on casing crew and casing jacks. Helped casing puller RU and helped pull casing up out of Braden head. Had trouble getting element out of head. After we got slips out. SDFN. SIP 0 psi. W0 casing pullers 4 hrs. RU casing jacks preparatory to running free point. (M. Hall) Daily Cost \$1,686 Cum Cost \$4,426
- 10-25-78 RU GO International and RIH to free point 7-5/8" casing. Pipe 100% free @ 5,000', 95% free @ 5,500', 15% free @ 6,000', 25% free @ 5,800', 30% free @ 5,700', 40% free @ 5,600', 75% free @ 5,579'. POOH, PU jet cutter and try to RIH. Hung up @ 25'. SDFN. (DK) Daily Cost \$2,037 Cum Cost \$6,465
- 10-26-78 RU GO International. RIH with back off shot and shot collar @ 5,579' with 290,000# tension on casing. Wasn't able to pull casing. RIH with jet cutter to 5,565'. Cut casing with 180,000 lbs tension on casing. Casing came free as soon as jet gun was fired. RU casing crew, pulled 1 joint of casing with casing jacks, began pulling casing with rig. Casing wt. on rig was 126,000#. Pulled and LD 4 joints. SDFN. (M. Hall) Daily Cost \$4,098 Cum Cost \$10,563

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 10-27-78 RD casing jacks, RU Parrish casing crew to pull 7-5/8" casing. Began LD casing. Pulled 64 joints and casing hung up. Worked casing string, pulled to 175,000# (111,000# over string wt.) stuck both ways. Was able to free it going down. It appears bottom of casing is belled out and hanging up on the 9-5/8" casing shoe. Filled hole with 10:1 ppg mud (32 bbls) and casing in slips on braden head. Began RD. (Max) Daily Cost \$3,148
- 11-1-78 Building location. Ned Mitchell construction hauling dirt and sand to level location for Loffland Rig #1. Will begin RU 11-1-78.
- 11-2-78 Completed leveling location. Spotted Loffland Rig #1 on location and began RU same 10 hrs.
- 11-3-78 RU Loggland rig #1 10 hrs.
- 11-4-78 RU Loffland rig #1 in 10 hrs.
- 11-5-78 RU Loffland rig #1 in 10 hrs.
- 11-6-78 Began daywork operation to sidetrack Allred 1-16 at 11 AM, 11-5-78. Proposed to side track original hole between 5,000' and 5,500'. Then drill new hole to estimated TD of 12,500' $\pm$  in the Green River formation. Allred 1-16 is located NE NE (750' FNL and 1,280' FFL) Section 16, T1S, R3W, Duchesne County, Utah. GL to KB for Loffland #1 is 19'8". Ungraded GL 6,319', KB 6,339'. Completed RU Loffland #1 in 3 hrs. RU Parrish oil tools casing crew 1 hr. Pulled and LD 86 joints 7-5/8" casing (2,987.04' thread off). Pulled 100-125,000# before casing began moving. Pulled first joint with 75,000# (wt of blocks 15,000#). Casing drug all way out of hole. Bottom joint recovered was full length joint with bottom 3' of joint swelled 1-2" and split several times. Part of bottom 3' and pin was missing. Pitting of 7-5/8" increased with recovery and last several joints appeared to be severe. in 7 hrs. Waited on rental 10" 3,000 psi x 10" 3000 psi spacer spool from Acme in 3 $\frac{1}{2}$  hrs. NU 5000 psi WP BOP stack 7 $\frac{1}{2}$  hrs. Total Well Cost \$61,233
- 11-7-78 Tripped in with open-ended DP. NU 10" 3000 psi spacer spool, 10" 3000 psi x 10" 5000 psi companion flange, three 10" 5000 psi spools, 10" 5000 psi shaffer double gate, 10" 5000 psi shaffer annular preventer, grant rotating head, choke manifold in 11 hrs. Pressure tested with Yellow Jacket and repairing leaks. Tested choke manifold HCR valve, blind rams to 3000 psi. Pipe rams-no hold. Removed pipe rams, pipe rams were split. Ordered new pipe rams in 4 hrs. NU gas buster while waiting on new pipe rams 4 hrs. Installed new 4 $\frac{1}{2}$ " pipe rams  $\frac{1}{2}$  hr. Pressure tested with Yellow Jacket. Tested pipe rams,

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 11-7-78 (cont.) lower Kelly cork, safety valve to 3000 psi and Hydril to 1500 psi. Upper Kelly cock and checked valve on kill line leaked and will be replaced 4 hrs. Tripped in with open-ended 4½" DP ½ hr. Total Well Cost \$68,711
- 11-8-78 T.D. 5,600'; circulate and condition mud at 5,600'±. 5½ x 16" pump, 60 SPM. Mud Wt. 8.6, funnel vis. 31. PU 4½" DP after sorting out DP with good hardbanding 6 hrs. Total of 94 jts. in hole. Bottom of open-ended DP at 2950'±. Attempted to circulate at 2950'± 4 hrs. Got returns in cellar. Dug out cellar and found 2" flanged outlet broken off 9-5/8" casing head. Nipple was broken off even with casing head in a weld. Cleaned out cellar WOO and waited on welder. Weiled plug at broken off 2" outlet in casing head ½ hr. Circulated and conditioned mud at 2950'± 5¼ hrs. PU 4½" DP after sorting out DP with good hardbanding 7-¾ hrs. Total 179 jts. in hole. Bottom of open-ended DP at 5600'±. Circulated and conditioned mud at 5600'± ½ hr. Daily Mud Cost \$852 Cum Cost \$852 Total Well Cost \$76,193
- 11-9-78 NU BOP on new casing head. 16 x 5½" pump, SPM 60. Mud Wt. 9.1, funnel vis. 31, plastic vis. 4, yield 1, pH. 10.5. Circulated and conditioned mud at 5600', 9.0 ppg and 9.3 ppg out in 4½ hrs. Circulated and conditioned mud at 5633', 9.2 ppg in and 9.1 ppg out 1½ hrs. Circulated and conditioned mud at 5664', 9.1 ppg in and out 2½ hrs. RU Halliburton to set cement plug for sidetracking hole 1 hr. Honco pumped 32 8W ahead of 750 sacks class "H" cement and 0.75% CFR-2 (132 bbls of 17.1 ppg slurry) 1 hr. Displaced cement with 2 BW followed by 68 bbls mud, cement plug in place at 4:30 PM, 11-8-78. Had full returns through out job. Calculated cement plug interval 5660' to 5160'. Tripped out with 181 jts. of 4½" DP. Pulled first 10 stands slowly (2½" min per stand) to keep fluid static and insure good cement plug 2 hrs. Detail:  
 3 hrs: Remove Grant rotating head. Disconnect BOP stack from casing head. Raise BOP stack.  
 8 hrs: Dig cellar down. Had to use air hammer to break cement around casing head. Cut off OCT 10" 3000 psi, 9-5/8" slow casing head and base plate. Dress off 9-5/8", 36 surface casing. Weild on 18" piece of 9-5/8" to 9-5/8" surface casing. Weild Gray oil tool 10" 3000 psi, 9-5/8" sow casing head on 9-5/8" surface casing.  
 ¼ hr. Pressure tested casing head weild to 1000 psi. Held OK.  
 ¼ hr: NU BOP stack on new casing head.
- 11-10-78 T.D. 5,051'; WDC. 5½ x 16" pump, SPM 60, 650#, BHA: Bit, bit sub, 19 - 6¼" x 2½" DC's (595.91'). Mud Wt. 9.1, funnel vis. 32, plastic vis. 4, yield 2, pH. 11.0. Bit #1, 8-¾", XDC HTC. Removed Acme rental 10' 3000 psi spool 4-¾ hrs. NU BOP stack on Gray oil tool 10" 3000 psi, 9-5/8" SDW casing head. Set Halliburton RBP in 9-5/8", 36# casing at 85' 1¼ hrs. Closed blind rams. Pressure tested BOP

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 11-10-78 (cont.) stack below blind rams, casing head 9-5/8" casing to 85' with Howco pump truck to 2800 spi. Held 5 minutes OK. Released RBO at 85' and POOH. RD Hallibuton. PU bit and 19 - 6 1/4" DC 7 1/4 hrs. TIH with DP. Tagged cement at 4,784'. Drilled soft cement 4,981-4,986' and firm cement 4,896-5,051' 1 1/2 hrs. Cement not hard enough for sidetracking. Circulate before making connections. Circulated and conditioned mud at 5,051' 1-3/4 hrs. Pulled bit up to 2,889' (in 9-5/8" casing). Piled 23 stands. WDC 6 1/2 hrs. Daily Mud Cost \$384 Cum Cost \$1,614 Total Well Cost \$100,355
- 11-11-78 T.D. 5,096'; drilling with Dyna-drill. W.O.B. 5-15,000#, RPM 410, 5 1/2 x 16" pump, SPM 61, 800#, BHA: Bit #2, 6 1/2" OD Dyna-drill 7" x-over, 6 1/2" OD 2° bent sub, 6-3/4" Monel DC, 6 1/4" x-over, 19 - 6 1/4" x 2 1/4" DC's (646.90'). Mud Wt. 8.9, funnel vis. 33, plastic vis. 5, yield 3, W.L. 18.6, pH. 11.5, solids 3%, sand trace, 4,500 ppm chloride. Bit #1, 8-3/4", XDV HTC, in 4981', out 5080', made 99' in 3 1/2 hrs. Bit #2, 8-3/4", OWV HTC, in 5,080', made 16' in 5-3/4 hrs. Deviation: 2° @ 5,047'. Waited on cement plug to gain sufficient strength for sidetracking 2 1/2 hrs. Tripped in with bit #1 from bottom of 9-5/8" casing to dress off cement plug 1 hr. Drilled cement 5,051' - 5,080' at 2-4 MPF with 50,000# WOB, 50 RPM, 53 SPM, 275 GPM, 500 psi PP 2 hrs. Cement has sufficient strength to sidetrack. Circulated and conditioned hole for Dyna-drill 1 1/2 hrs. Tripped out with wet string 2 1/2 hrs. PU 6 1/2" OD Dyna-drill and 6-3/4" OD Monel DC 1/2 hr. Cleaned up bit #1 balled with cement and mud 1/2 hr. Four teeth broken on cone #2 and 3 teeth on cone #3. WOD while deciding whether to run Dyna-drill or not 1 1/2 hrs. Concerned about broken teeth on bit #1. Decided to run Dyna-drill. Tripped in with bit #2 and dyna-drill to sidetrack 3 1/4 hrs. Detail: Attempted to run survey 2 hrs. Wire fouled on survey unit. POOH with survey tool and straighten wire. Reran orienting survey at 5,047'. Tool face oriented S 49° E. Circulated out 18' fill on bottom 1 hr. Drilled with bit #2 and dyna-drill appeared to be drilling formation as well as cement at 5,088' 5-3/4 hrs. Daily Mud Cost \$33 Cum Cost \$1,647 Total Well Cost \$111,893
- 11-12-78 T.D. 5,147'; drilling with Dyna-drill. W.O.B. 5,000#, RPM 410, 5 1/2 x 16" pump, SPM 61, 700-800#, BHA: Bit #3, 6 1/2" OD Dyna-drill, 7" x-over, 6 1/2" OD 2° bent sub, 6-3/4" Monel DC, 6 1/4" x-over, 19 - 6 1/4" DC's (646.90'). Mud Wt. 9.0, funnel vis. 37, plastic vis. 6, yield 2, W.L. 26.8, pH. 12.0, solids 3%, sand trace, 6,000 ppm chloride. Bit #2, 8-3/4", OWV HTC, in 5,080', out 5,120', made 40' in 1 1/4 hrs. Bit #3, 8-3/4", XDV HTC, in 5,120', made 27' in 3-3/4 hrs. Drilled with bit #2 and Dyna-drill to 5,105' 2 1/2 hrs. Circulated and reamed up and down 30' several times 3/4 hrs. Had 20' fill on connection at 5,105' 3/4 hrs. Circulated out fill. Drilled with bit #2 and Dyna-drill to 5,120' 3 hrs. Surveyed before trip at 5,060' - 1/4° deviation in 560° E direction 3/4 hr. Tool face oriented N 9° E. Chained out with bit #2 and Dyna-drill 4 1/2 hrs. Bit #2 had spear PT missing from cone #1. Cones 1 & 2 appeared to have run on spear point. Tripped in with

## DAILY DRILLING REPORT

MAPCO INC., ALLRED #1-16

11-12-78 bit #3 and Dyna-drill. Washed 60' fill to bottom 1 $\frac{1}{4}$  hrs. Circulated (cont.) for survey. Surveyed at 5,080' to orient Dyna-drill, deviation 1 $\frac{1}{4}$  $^{\circ}$  in 563 $^{\circ}$  E direction 1 hr. Tool face oriented N 12 $^{\circ}$  W. Detail: Hole sloughed in 2 hrs. Washed 30' back to bottom. Circulated and conditioned mud. Took 3 surveys attempting to properly orient Dyna-drill 2 $\frac{1}{2}$  hrs. Surveys were:

Number	Depth	Deviation	Direction	Tool Face Direction
1	5080'	1 $\frac{1}{2}$ $^{\circ}$	N 80 $^{\circ}$ E	N 23 $^{\circ}$ W
2	5080'	1 $\frac{1}{4}$ $^{\circ}$	S 50 $^{\circ}$ E	N 20 $^{\circ}$ E
3	5080'	1 $\frac{1}{4}$ $^{\circ}$	S 88 $^{\circ}$ E	S 85 $^{\circ}$ W

Rotated drill string so that tool face was oriented S 49 $^{\circ}$  E, Drilled with bit #3 and Dyna-drill to 5,141' 1-3/4 hrs. Circulated for survey 1/2 hr. Surveyed @ 5101' - 1 $^{\circ}$  deviation, N 50 $^{\circ}$  E. 3/4 hr. Tool face oriented N 24 $^{\circ}$  W. Rotated drill string so that tool face was oriented S 49 $^{\circ}$  E. Drilled with bit #3 and Dyna-drill to 5,147' 2 hrs. Daily Mud Cost \$160 Cum Cost \$1,807 Total Well Cost \$118,463

11-13-78 T.D. 5,172'; drilled with Dyna-drill. W.O.B. 5-20,000#, RPM 410, 5 $\frac{1}{2}$  x 16" pump, SPM 61, 600#, BHA: Bit #RR1, 6 $\frac{1}{2}$ " Dyna-drill (SN 65652), 7" x-over, 6 $\frac{1}{2}$ " OD 3" bent sub, 6-3/4" Monel DC, 6 $\frac{1}{4}$ " x-over, 19 - 6 $\frac{1}{4}$ " DC (646.63'). Mud Wt. 9.0, funnel vis. 36, plastic vis. 8, yield 7, W.L. 36, pH. 11.5, solids 3%, sand trace, 10,000 ppm chloride. Bit #3, 8-3/4", XDV HTC, in 5,120', out 5,170', made 50' in 12 hrs. Bit #RR1, 8-3/4", XDV HTC, in 5,170', made 2' in 2 $\frac{1}{2}$  hrs. Drilled with bit #3 and Dyna-drill to 5,170' 8 $\frac{1}{4}$  hrs. Surveyed @ 5,140' was 2 $\frac{1}{2}$  $^{\circ}$  - N 16 $^{\circ}$  E 3/4 hr. Tool face oriented S 12 $^{\circ}$  W. Pumped Barite pill and chained out with bit #3 and Dyna-drill 3 $\frac{1}{2}$  hrs. LD Dyna-drill (SN 65836) and 2 $^{\circ}$  bent sub 1 $\frac{1}{2}$  hrs. PU new Dyna-drill (SN 65632) and 3 $^{\circ}$  bent sub. Tripped in with bit #RR1 and Dyna-drill 2 hrs. Detail: Took 7 surveys attempting to properly orient Dyna-drill and 3 $^{\circ}$  bent sub 5 hrs. Surveys were:

Number:	Depth	Deviation	Direction	Tool Face Direction
1	5140'	1 $^{\circ}$	N 40 $^{\circ}$ E	N 40 $^{\circ}$ W
2	5140'	1 $\frac{1}{2}$ $^{\circ}$	N 38 $^{\circ}$ E	N 83 $^{\circ}$ W
3	5140'	$\frac{1}{2}$ $^{\circ}$	N 16 $^{\circ}$ E	N 21 $^{\circ}$ E
4	5140'	1 $^{\circ}$	N 49 $^{\circ}$ E	N 33 $^{\circ}$ W
5	5140'	1 $\frac{1}{4}$ $^{\circ}$	N 45 $^{\circ}$ E	N 57 $^{\circ}$ W
6	5140'	1 $\frac{1}{2}$ $^{\circ}$	N 40 $^{\circ}$ E	N 80 $^{\circ}$ W
7	5140'	$\frac{1}{2}$ $^{\circ}$	N 17 $^{\circ}$ E	N 8 $^{\circ}$ E

Rotated drill string so that tool face was oriented S 12 $^{\circ}$  W. Circulated and washed 15' fill to bottom 1/2 hr. Drilled with bit #RR1 and Dyna-drill 2 $\frac{1}{2}$  hrs. Daily Mud Cost \$450 Cum Cost \$2,257 Total Well Cost \$124,893

11-14-78 T.D. 5,193'; drilling with Dyna-drill. W.O.B. 5,000#, RPM 410, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 600-750#, BHA: Bit #4, 6 $\frac{1}{2}$ " Dyna-drill, 7" x-over, 6 $\frac{1}{2}$ " OD 3 $^{\circ}$  bent sub, 6-3/4" Monel DC, 6 $\frac{1}{4}$ " x-over, 19 - 6 $\frac{1}{4}$ " DC (646.60'). Mud Wt. 9.0, funnel vis. 36, plastic vis. 9, yield 7, W.L. 22.6, pH. 11.5 solids 3%, sand trace, 9,000 ppm chloride. Bit #RR1, 8-3/4", XDV HTC,

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 11-14-78 in 5,170', out 5,178', made 8' in 8½ hrs. Bit #4, 8-3/4", XDV HTC, in 5,178', made 15' in 10¼ hrs. Drilled with Bit #RR1 and Dyna-drill to 5,173' 1 hr. Surveyed @ 5,143' was 2½° - N 15° E 1¼ hrs. Tool face oriented S 20° E. Drilled with bit #RR1 and Dyna-drill to 5,178' 5 hrs. Surveyed @ 5,143' was 2¼° - N 10° E ½ hr. Tool face oriented S 40° E. Blow down Kelly ¼ hr. Chain out with bit #RR1 and Dyna-drill 2½ hrs. Seals on #1 and 2 cones effective. Seal on #3 cone gone. 2 outside teeth on cone #1 and cone #3 appeared to have run on junk. Tripped in with bit #4 and Dyna-drill 2 hrs. Washed 15' fill to bottom and circulated 3/4 hr. Surveyed @ 5,143' was 2¼° - N 14° E ½ hr. Tool face oriented S 41° E. Rotated drill string so that tool face was oriented S 20° E. Drilled with bit #4 and Dyna-drill to 5,193' 10¼ hrs. Daily Mud Cost \$438 Cum Cost \$2,695 Total Well Cost \$132,026
- 11-15-78 T.D. 5,206'; chaining out with bit #5. W.O.B. 2,000#, RPM 410, 5½ x 16" pump, SPM 61, 750#, BHA: bit #5, 6½" Dyna-drill, 7" x-over, 6½" OD 3° bent sub, 6-3/4" Monel DC, 6¼" x-over, 19 - 6¼" DC (646.60'). Mud Wt. 9, funnel vis. 39, plastic vis. 9, yield 8, W.L. 18.6, pH. 12.0, solids 3%, sand trace, 9,000 ppm chloride. Bit #4, 8-3/4", XDV HTC, in 5,178', out 5,194', made 16' in 10½ hrs. Bit #5, 8-3/4", OWV HTC, in 5,194', out 5,206' made 12' in 8½ hrs. Drilled with Dyna-drill and bit #4 TD 5,194' ¼ hr. Surveyed @ 5,156' was 1-3/4° - N 60° E 3/4 hr. Tool face oriented S 18° E. Tripped out with Bit #4 1 hr. Serviced rig and thawed out lines 1 hr. Completed trip out with bit #4 1½ hrs. Changed bits, checked BOP, de-iced fuel lines 1½ hrs. Tripped in with bit #5 and dyna-drill 1¼ hrs. Tagged fill 15' above bottom (5,179') 1 hr. Washed down 8' hard fill to 5,187'. Surveyed @ 5,143' was 2¼° - N 10° E 3/4 hr. Tool face oriented S 40° E. Rotated drill string so that face was oriented S 20° E. Continued washing to bottom 1 hr. Worked out bit torque after getting on bottom. Detail:  
 1¼ hrs: Drilled with bit #5 and Dyna-drill to 5195'. Bit torqued up.  
 ¼ hr : Worked out bit torque.  
 7¼ hrs: Drilled with bit #5 and dyna-drill to 5206'. Samples contained very little cement.  
 3/4 hr: Surveyed @ 5,165' was 1-3/4° - N 67° E. Tool face oriented S 22° E.  
 4½ hrs: Chained out of hole with bit #5 and Dyna-drill.  
 Daily Mud Cost \$867 Cum Cost \$3,562 Total Well Cost \$139,338
- 11-16-78 T.D. 5,242'; drilling. W.O.B. 5-25,000#, RPM 42, 5½ x 16" pump, SPM 60, 1,800#, BHA: Bit #6, 7" 3 pt reamer, 6-3/4" Monel DC, 6-3/4" RNP stab, 6-7/8" DC, 6-3/4" RNP stab, 6-7/8" DC, 6-3/8" DC, 6½" x-over, 19-6¼" DC (735.42'). Mud Wt. 9.0, funnel vis. 39, plastic vis. 9, yield 7, W.L. 16.6, pH. 11.5, solids 3%, sand trace, 9,000 ppm chloride. Bit #5, 8-3/4", OWV HTC, in 5,194', out 5,206', made 12' in 8¼ hrs. Bit #6, 8-3/4", J33

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 11-16-78 (cont.) HTC, in 5,206', made 36' in 9 hrs. Finished chaining out with bit #5 and Dyna-drill  $\frac{1}{4}$  hr. LD Dyna-drill and 3° bent sub. PU 2-6-7/8: OD DC's, 6-3/8" OD DC, 7" OD 3 pt Drilco reamer, 2-6-3/4" OD Drilco RWP stab, calipered, measured and RIH new BHA 5 $\frac{1}{4}$  hrs. RIH with 12 stands 4 $\frac{1}{2}$ ", 20# DP and tripped out LD same 2 $\frac{1}{2}$  hrs. RIH with 20 stands 4 $\frac{1}{2}$ ", 16.6# DP SLM. Discharge hose on centrifugal pump disconnected and pumped 150 bbls mud from mud tanks to reserve pit 3/4 hr. Cut drilling line 1 $\frac{1}{4}$  hr. Mud volume low. Waited on water. Repaired centrifugal discharge hose 3/4 hr. Mixed mud to 30 sec/qt. vis. 1 hr. Filled tanks with water. 1 hr. Detail: TIH with 27 stands 4 $\frac{1}{2}$ ", 16.6# DP SLM 1 hr. Washed and worked new BHA last 33' to bottom 2 hrs. Set down as much as 50,000# working bit to bottom. Worked bit up and down until tightness out of hole. Drilled with bit #6 to 5,228' with 43 SPM and 1800 psi 6 hrs. Jet plugged. Made connection at 5,228'  $\frac{1}{4}$  hr. All motors died. Restarted. Drilled with bit #6 to 5,242'. At 3:50 AM, jet became unplugged with pump increasing from 43 SPM and 1800 psi to 60 SPM and 1800 psi 3 hrs. Daily Mud Cost \$265 Cum Cost \$3,827 Total Well Cost \$151,328
- 11-17-78 T.D. 5,429'; drilling. W.O.B. 25-55,000#, RPM 36-70, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 1,800#, BHA: Bit #6, 7" 3 pt reamer, 6-3/4" Monel DC, 6-3/4" RWP stab, 6-7/8" DC, 6-3/4" RWP stab, 6-7/8" DC, 6-3/8" DC, 6 $\frac{1}{2}$ " x-over, 19 - 6 $\frac{1}{4}$ " DC (735.42). Mud Wt. 9.0, funnel vis 36, plastic vis. 10, yield 10, W.L. 14.8, pH. 11.5, solids 3%, sand trace, 7,500 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5,206', made 223' in 30 $\frac{1}{2}$  hrs. Deviations: 3-3/4° @ 5240', 3 $\frac{1}{2}$ ° @ 5304', 3-5/8° @ 5400'. Drilled with bit #6 to 5260'. Serviced rig  $\frac{1}{4}$  hr. Surveyed @ 5240' 3/4 hr. Drilled with bit #6 to 5324' (5260-5302': 7 $\frac{1}{2}$  hrs., 36 RPM, 25000# WOB) (5302-5324': 3 $\frac{1}{4}$  hrs., 60-70 RPM, 25000# WOB) 10-3/4 hrs. Circulated 10 min & surveyed @ 5,304' 3/4 hr. Drilled with bit #6 to 5420' (5324-5420: 6 $\frac{1}{2}$  hrs., 60-70 RPM, 50-55000# WOB) 6 $\frac{1}{2}$  hrs. Circulated 15 min. & surveyed @ 5400' 1 hr. Drilled with bit #6 to 5429' (5420-5429:  $\frac{1}{2}$  hr, 70 RPM, 55000# WOB)  $\frac{1}{2}$  hr. Daily Mud Cost \$620 Cum Cost \$4,447 Total Well Cost \$157,638
- 11-18-78 T.D. 5,758'; drilling. W.O.B. 55,000#, RPM 70, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 1,800#. Mud Wt. 8.9, funnel vis. 36, plastic vis. 10, yield 8, W.L. 16.6, pH. 11.5, solids 4%, sand trace, 8,000 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5,206', made 552' in 51-3/4 hrs. Deviations: 3 $\frac{1}{4}$ ° @ 5,524', 3 $\frac{1}{4}$ ° @ 5,588'. Drilled with bit #6 to 5,482' 3 $\frac{1}{2}$  hrs. Serviced rig  $\frac{1}{2}$  hr. Drilled with bit #6 to 5,544' 4 hrs. Circulated for survey  $\frac{1}{4}$  hr. Surveyed @ 5,524' 3/4 hr. Drilled with bit #6 to 5,608' 4 $\frac{1}{2}$  hrs. Circulated for survey  $\frac{1}{4}$  hr. Surveyed @ 5,588'  $\frac{1}{2}$  hr. Drilled with Bit #6 to 5,640' 2 $\frac{1}{4}$  hrs. Light plant died. Changed fuel filters, restarted light plant  $\frac{1}{4}$  hr. Drilled with bit #6 to 5,758' 7 $\frac{1}{4}$  hrs. Daily Mud Cost \$648 Cum Cost \$5,095 Total Well Cost \$164,491

## DAILY DRILLING REPORT

ALLRED NO. 1-16

- 11-19-78 T.D. 6,075'; drilling. W.O.B. 55,000#, RPM 70, 5½ x 16" pump, SPM 60, 1,300-1,700#. Mud Wt. 8.8, funnel vis. 35, yield 5, W.L. 12.6, pH. 11.5, solids 4%, sand trace, 6,500 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5,206', made 869' in 73-3/4 hrs. Deviations: 3¼° @ 5,775', 3° @ 5,870'. Drilled with bit #6 to 5,795' 2-3/4 hrs. Serviced rig and circulated for survey ¼ hr. Surveyed @ 5,775' ½ hr. Drilled with Bit #6 to 5,826' 2 hrs. Worked out tight connection at 5,826' ¼ hr. Drilled with bit #6 to 5890' 4¼ hrs. Circulated for survey ¼ hr. Surveyed @ 5,870' 3/4 hr. Drilled with bit #6 13 hrs. Note: Mud airing up caused pump pressure variation. Daily Mud Cost \$477 Cum Cost \$5,572 Total Well Cost \$171,443
- 11-20-78 T.D. 6,331'; running survey. W.O.B. 55,000#, RPM 70, 5½ x 16" pump, SPM 61, 1,300-1,800#, BHA: Bit #6, 7" 3 pt reamer, 6-3/4" Monel DC, 6-3/4" RWP stab, 6-7/8" DC, 6-3/4" RWP stab, 6-7/8" DC, 6-3/8" DC, 6½" x-over, 19 - 6¼" DC (735.42'). Mud Wt. 9.0, funnel vis. 32, plastic vis. 5, yield 4, W.L. 16,8, pH. 11.5, solids 3%, sand trace, 8,000 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5,206', made 1,125' in 95½ hrs. Deviation: 3° @ 6,100'. Drilled with bit #6 to 6,110' 3¼ hrs. Serviced rig and circulated for survey ½ hr. Surveyed @ 6,100' 3/4 hr. Drilled with bit #6 to 6,331' 18½ hrs. Circulated 20 minutes for survey and surveyed @ 6,311' 1 hr. Note: Mud aired up caused pump pressure variation. Apparent source of problem is formation water used for mud make-up. Will be able to treat problem. Daily Mud Cost \$445 Cum Cost \$6,017 Total Well Cost \$192,073
- 11-21-78 T.D. 6,495'; drilling. W.O.B. 55,000#, RPM 70, 5½ x 16" pump, SPM 60, 1900-2100#, BHA: bit #7, 7" 3 pt reamer, 6½" x-over, 6-7/8" DC, 7" RWP stab, 6-5/8" DC, 7" RWP stab, 6-5/8" DC, 6½" x-over, 20 - 6¼" DC (740.68'). Mud Wt. 9.2, funnel vis. 32, plastic vis. 6, yield 6, W.L. 18.6, pH. 10.5, solids 5%, sand trace, 9,000 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5206', out 6331', made 1125' in 95½ hrs. Bit #7, 8-3/4", F3 STC, in 6331', 14½ hrs. Deviation: 3° @ 6311'. Completed running survey @ 6311' ¼ hr. Tripped out with bit #6 3¼ hrs. LD Monel DC, replaced upper Kelly cock, operated blind rams, PU bit #7 and changed BHA 2¼ hrs. PU 6¼" DC 1-3/4 hrs. Tripped in with bit #7, BHA, and 44 stands 4½" DP. Installed Grant rotating head 3/4 hr. Finished trip in hole with 15 stands DP ½ hr. Washed 5' fill to bottom ¼ hr. Drilled with bit #7 to 6342' 1¼ hrs. Drilled with 3 12/32 jets and 1000 psi air in mud. Dropped ball to plug one 12/32" jet, changed corrosion ring, installed Grant rotating head, drive bushing ½ hr. Drilled with bit #7 to 6495' 13-3/4 hrs. Drilled with 2 12/32 and blank. Daily Mud Cost \$638 Cum Cost \$6,655 Total Well Cost \$201,856
- 11-22-78 T.D. 6,790'; drilling. W.O.B. 55,000#, RPM 65-70, 5½ x 16" pump, SPM 60, 1900-200#. Mud Wt. 9.0, funnel vis. 31, plastic vis. 5, yield 5, W.L. 26.6, pH. 10.5, solids 4%, sand trace, 9,000 ppm chloride. Bit #7, 8-3/4", F3 STC, in 6,331', made 459' in 38¼ hrs. Drilled with bit #7 to 6,525' 2½ hrs. Serviced rig and operated

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 11-22-78 pipe rams  $\frac{1}{4}$  hr. Drilled with bit #7 21 $\frac{1}{4}$  hrs. Note: L.L. Smith trucking PU 2 Dyna-drills and all of Eastern Whipstock's equipment (Wyoming license truck 2540, trailer 2692). Daily Mud Cost \$815 Cum Cost \$7,470 Total Well Cost \$208,426
- 11-23-78 T.D. 6,999'; drilling. W.O.B. 55,000#, RPM 65-70, 5 $\frac{1}{2}$  x 16" pump, 60 SPM, 1,800-2000#. Mud Wt. 9.0, funnel vis. 31, plastic vis. 6, yield 5, W.L. 28.6, pH. 10.5, solids 4%, sand trace, 10,000 ppm chloride. Bit #7, 8-3/4", F3 STC, in 6,331', made 668' in 57 $\frac{1}{2}$  hrs. Deviation: 2 $\frac{1}{4}$  $^{\circ}$  @ 6,828'. Drilled with bit #7 to 6,838' 4 $\frac{1}{2}$  hrs. Circulated for survey @ 6,828' 1 hr. Serviced rig - oper. pipe rams and HCR valve. Drilled with bit #7 9-3/4 hrs. Repaired mud line 3/4 hr. Drilled with bit #7 1 hr. Welded and repaired mud line 3 hrs. Drilled to 6,999' with bit #7 4 hrs. Daily Mud Cost \$1,047 Cum Cost \$8,517 Total Well Cost \$215,698
- 11-24-78 T.D. 7,293'; drilling. W.O.B. 55,000#, RPM 65-70, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 1,800-2,000#. Mud Wt. 9.1, funnel vis. 32, plastic vis. 5, yield 4, W.L. 34.6, pH. 10.5, solids 5%, sand trace, 8,000 ppm chloride. Bit #7, 8-3/4", F3 STC, in 6,331', made 962' in 81 $\frac{1}{4}$  hrs. Drilled to 7,027' in 2-3/4 hrs. Serviced rig and operated BOP  $\frac{1}{4}$  hr. Drilled to 7,293' in 21 hrs. Daily Mud Cost \$960 Cum Cost \$9,477 Total Well Cost \$222,403
- 11-25-78 T.D. 7,482'; trip in with bit #7. W.O.B. 55,000#, RPM 60-70, torque 110, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 1,900#, BHA: Bit #8, 7" pt reamer, 6 $\frac{1}{2}$ " x-over, 6-7/8" DC, RWP stab, 6-5/8" DC, 6 $\frac{1}{2}$ " x-over, 20 - 6 $\frac{1}{4}$ " DC's (740.68'). Mud Wt. 9.1, funnel vis. 31, plastic vis. 3, yield 2, W.L. 38.6, pH. 11, solids 4%, sand trace, 11,000 ppm chloride. Bit #7, 8-3/4", F3 STC, in 6,331', out 453', made 1,151' in 96 $\frac{1}{2}$  hrs. Bit #8, 8-3/4", F4 STC, in 7,482'. Deviation: 2 $\frac{1}{2}$  $^{\circ}$  @ 7,330', 2 $^{\circ}$  @ 7,454'. Drilled with bit #7 to 7,340' in 3-3/4 hrs. Circulated for survey - 7,330' - serviced rig - operated BOP 1 hr. Drilled with bit #7 to 7,482' 11 $\frac{1}{2}$  hrs. Dropped survey instr. and blew down Kelly 3/4 hrs. Tripped out with bit #7 2-3/4 hrs. Replaced ACME rental pipe rams with rig pipe rams 1 $\frac{1}{4}$  hrs. RU Yellow Jacket and tested 4 $\frac{1}{2}$ " rig pipe rams to 3,000 psi 1 $\frac{1}{2}$  hr. Held for 15 min. OK. Tripped in with Bit #8 1 $\frac{1}{2}$  hrs. Daily Mud Cost \$919 Cum Cost \$10,396 Total Well Cost \$229,932
- 11-26-78 T.D. 7,660'; drilling. W.O.B. 25-55,000#, RPM 48-70, torque 110-250, 5 $\frac{1}{2}$  x 16" pump, SPM 61, 1,400-1,500#. Mud Wt. 9.1, funnel vis. 31, plastic vis. 4, yield 6, W.L. 42, pH. 10.6, solids 4%, sand trace, 9,000 ppm chloride. Bit #8, 8-3/4", F4 STC, in 7,482' made 178' in 19 $\frac{1}{2}$  hrs. Worked on cathead 3/4 hrs. Tripped in 1 $\frac{1}{4}$  hrs. Installed Grant rotating head  $\frac{1}{4}$  hr. Tripped in - tag fill 55' off bottom  $\frac{1}{4}$  hr. Washed 55' fill  $\frac{1}{2}$  hr. Drilled to 7,529'

## DAILY DRILLING REPORT

MAPCO INC., ALLRED NO. 1-16

- 11-26-78 dropped ball at 7,497', ball did not seat, drilled to 7,529' with  
(cont.) 3 - 13' and 1000 psi at 7,529', ball stayed at 500 psi  $3\frac{1}{2}$  hrs.  
Restarted motor #3 and serviced rig  $\frac{1}{4}$  hr. Drilled to 7,577' 2-3/4  
hrs. Repaired hole in flow line 3/4 hr. Washed 15' fill  $\frac{1}{4}$  hr.  
Drilled to 7,587' 1-3/4 hrs. PU and washed douw and tried to get  
bit to drill  $\frac{1}{4}$  hr. Drilled to 7,660' 11-3/4 hrs. BGG 25 units.  
No increase on connections. Show #1 7,608-7,616'. Drilling break  
8-3-8. Gas 30-155-25. No flow - no connection. 10% Ls tanks and  
In text; show #2 7,642-7,646'. No drilling break. Gas 25-260-100.  
Sandstone, clear, white, frosted, very fine grain to fine grain.  
Hard and tight, brown oil stain, light yellow, fow fair cut, some  
dK brown oil on sh.shkr. Daily Mud Cost \$807 Cum Cost \$11,203  
Total Well Cost \$238,954
- 11-27-78 T.D. 7,663'; cut drilling line. W.O.B. 5-10,000#, RPM 87-138,  
torque 100-200,  $5\frac{1}{2}$  x 16" pump, SPM 59, 400-500#, BHA: mill #2,  
7" junk sub,  $6\frac{1}{2}$ " x-over, 6-7/8" DC, 7" RWP stab, 6-5/8" DC, 7"  
RWP stab, 6-5/8" DC,  $6\frac{1}{2}$ " x-over, 20  $6\frac{1}{4}$ " DC (740.9'). Mud Wt. 8.8,  
funnel vis. 34, plastic vis. 8, yield 4, W.L. 46.2, pH. 10.5,  
solids 2%, sand trace, 10,000 ppm chloride. Bit #8, 8-3/4", F4  
STC, in 7,482', out 7,663', made 181' in 20 $\frac{1}{2}$  hrs. Mill #1, 8-9/16"  
Flat bottom Midway Fishing, in 7,663', out 7,663'. Mill #2, 8-3/8",  
Flat bottom Midway Fishing, in 7,663'. Drilled with bit #8 to 7,663'  
1 hr. Mud flow thru DP 3/4 hr. Circulated until DP and annulus  
balanced for trip. Blew down Kelly  $\frac{1}{4}$  hr. Tripped out with bit #8  
4 hrs. Left 3 cones in hole. WO mill and junk sub 1 $\frac{1}{2}$  hrs. Tripped  
in with mill #1 and same BHA as with mill #2 3-3/4 hrs. Mill #1  
and BHA (740.98'). Washed 50' fill to bottom  $\frac{1}{2}$  hr. Milled on junk  
with mill #1 3-3/4 hrs. PU mill. Stuck pip 2' off bottom. String  
wt. 175,000# 1 hr. Pulled up to maximum of 275,000#. Working pip  
repeatedly. Pulled 200,000# strain, rotated up to 100 torque and  
then slacked off wt. Pipe finally came free while pulling up with  
220,000# wt. Detail: Circulated and rotated mill from 7,612' to  
bottom 1 $\frac{1}{2}$  hrs. Milled on junk with mill #1. Pump pressure gradually  
increased from 500 to 750 psi. Circulated while blowing water lines  
in preparation for trip  $\frac{1}{2}$  hr. Tripped out with mill #1 2 $\frac{1}{2}$  hrs.  
Changed mills and cleaned out junk sub. Mill #1 had custerite  
completely worn out. Junk sub was full of cuttings and metal. Had  
pieces of shale as large as 1" in diameter. Recovered 3-4 large  
handfulls of metal. Approximately 30 buttons were recovered 3/4  
hr. Tripped in with DC's and 1 joint DP  $\frac{1}{2}$  hr. Cut drilling line  
1-3/4 hrs. Daily Mud Cost \$465 Cum Cost \$11,668 Total Well Cost  
\$247,084
- 11-28-78 T.D. 7,740'; drilling. W.O.B. 30-50,000#, RPM 55-60, torque 250,  
 $5\frac{1}{2}$  x 16" pump, SPM 60, 1500-1800#, BHA: bit #9, 7" junk sub, 6-3/4"  
GPT reamer, 6-5/8" x-over, 6-7/8" DC, 7" RWP stab, 6-5/8" DC, 7" RWP,  
stab, 6-5/8" DC,  $6\frac{1}{2}$ " over, 17 - 6-1/4" DC, 6" x-over,  $6\frac{1}{4}$ " jars, 6-1/16"  
x-over, 3 -  $6\frac{1}{4}$ " DC (783.71'). Mud Wt. 8.8, funnel vis. 30, plastic vis.  
6, yield 8, W.L. 56, pH. 10.5, solids 3%, sand trace, 9,000 ppm chloride.  
Bit 2, 8-3/8", Flat Bottom Midway Fishing, in 7,663', out 7,665', made

## DAILY DRILLING REPORT (RE-DRILL)

MAPCO INC., ALLRED NO. 1-16

- 10-27-78 RD casing jacks, RU Parrish casing crew to pull 7-5/8" casing. Began LD casing. Pulled 64 joints and casing hung up. Worked casing string, pulled to 175,000# (111,000# over string wt.) stuck both ways. Was able to free it going down. It appears bottom of casing is belled out and hanging up on the 9-5/8" casing shoe. Filled hole with 10.1 ppg mud (32 bbls) and casing in slips on braden head. Began RD. (Max) Daily Cost \$3,148
- 11-1-78 Building location. Ned Mitchell construction hauling dirt and sand to level location for Loffland Rig #1. Will begin RU 11-1-78.
- 11-2-78 Completed leveling location. Spotted Loffland Rig #1 on location and began RU same 10 hrs.
- 11-3-78 RU Loggland rig #1 10 hrs.
- 11-4-78 RU Loffland rig #1 in 10 hrs.
- 11-5-78 RU Loffland rig #1 in 10 hrs.
- 11-6-78 Began daywork operation to sidetrack Allred 1-16 at 11 AM, 11-5-78. Proposed to side track original hole between 5,000' and 5,500'. Then drill new hole to estimated TD of 12,500'<sup>±</sup> in the Green River formation. Allred 1-16 is located NE NE (750' FNL and 1,280' FFL) Section 16, T1S, R3W, Duchesne County, Utah. GL to KB for Loffland #1 is 19'8". Ungraded GL 6,319', KB 6,339'. Completed RU Loffland #1 in 3 hrs. RU Parrish oil tools casing crew 1 hr. Pulled and LD 86 joints 7-5/8" casing (2,987.04' thread off). Pulled 100-125,000# before casing began moving. Pulled first joint with 75,000# (wt of blocks 15,000#). Casing drug all way out of hole. Bottom joint recovered was full length joint with bottom 3' of joint swelled 1-2" and split several times. Part of bottom 3' and pin was missing. Pitting of 7-5/8" increased with recovery and last several joints appeared to be severe. in 7 hrs. Waited on rental 10" 3,000 psi x 10" 3000 psi spacer spool from Acme in 3½ hrs. NU 5000 psi WP BOP stack 7½ hrs. Total Well Cost \$61,233
- 11-7-78 Tripped in with open-ended DP. NU 10" 3000 psi spacer spool, 10" 3000 psi x 10" 5000 psi companion flange, three 10" 5000 psi spools, 10" 5000 psi shaffer double gate, 10" 5000 psi shaffer annular preventer, grant rotating head, choke manifold in 11 hrs. Pressure tested with Yellow Jacket and repairing leaks. Tested choke manifold HCR valve, blind rams to 3000 psi. Pipe rams-no hold. Removed pipe rams, pipe rams were split. Ordered new pipe rams in 4 hrs. NU gas buster while waiting on new pipe rams 4 hrs. Installed new 4½" pipe rams ½ hr. Pressure tested with Yellow Jacket. Tested pipe rams,

## DAILY DRILLING REPORT (RE-DRILL)

MAPCO INC., ALLRED NO. 1-16

- 11-7-78 (cont.) lower Kelly cork, safety valve to 3000 psi and Hydril to 1500 psi. Upper Kelly cock and checked valve on kill line leaked and will be replaced 4 hrs. Tripped in with open-ended 4½" DP ½ hr. Total Well Cost \$68,711
- 11-8-78 T.D. 5,600'; circulate and condition mud at 5,600'±. 5½ x 16" pump, 60 SPM. Mud Wt. 8.6, funnel vis. 31. PU 4½" DP after sorting out DP with good hardbanding 6 hrs. Total of 94 jts. in hole. Bottom of open-ended DP at 2950'±. Attempted to circulate at 2950'± 4 hrs. Got returns in cellar. Dug out cellar and found 2" flanged outlet broken off 9-5/8" casing head. Nipple was broken off even with casing head in a weld. Cleaned out cellar WOO and waited on welder. Welded plug at broken off 2" outlet in casing head ½ hr. Circulated and conditioned mud at 2950'± 5¼ hrs. PU 4½" DP after sorting out DP with good hardbanding 7-3/4 hrs. Total 179 jts. in hole. Bottom of open-ended DP at 5600'±. Circulated and conditioned mud at 5600'± ½ hr. Daily Mud Cost \$852 Cum Cost \$852 Total Well Cost \$76,193
- 11-9-78 NU BOP on new casing head. 16 x 5½" pump, SPM 60. Mud Wt. 9.1, funnel vis. 31, plastic vis. 4, yield 1, pH. 10.5. Circulated and conditioned mud at 5600', 9.0 ppg and 9.3 ppg out in 4½ hrs. Circulated and conditioned mud at 5633', 9.2 ppg in and 9.1 ppg out 1½ hrs. Circulated and conditioned mud at 5664', 9.1 ppg in and out 2½ hrs. RU Halliburton to set cement plug for sidetracking hole 1 hr. Honco pumped 32 8W ahead of 750 sacks class "H" cement and 0.75% CFR-2 (132 bbls of 17.1 ppg slurry) 1 hr. Displaced cement with 2 BW followed by 68 bbls mud, cement plug in place at 4:30 PM, 11-8-78. Had full returns through out job. Calculated cement plug interval 5660' to 5160'. Tripped out with 181 jts. of 4½" DP. Pulled first 10 stands slowly (2½" min per stand) to keep fluid static and insure good cement plug 2 hrs. Detail:  
 3 hrs: Remove Grant rotating head. Disconnect BOP stack from casing head. Raise BOP stack.  
 8 hrs: Dig cellar down. Had to use air hammer to break cement around casing head. Cut off OCT 10" 3000 psi, 9-5/8" slow casing head and base plate. Dress off 9-5/8", 36 surface casing. Weld on 18" piece of 9-5/8" to 9-5/8" surface casing. Weld Gray oil tool 10" 3000 psi, 9-5/8" slow casing head on 9-5/8" surface casing.  
 ¼ hr. Pressure tested casing head weld to 1000 psi. Held OK.  
 ¼ hr: NU BOP stack on new casing head.
- 11-10-78 T.D. 5,051'; WDC. 5½ x 16" pump, SPM 60, 650#, BHA: Bit, bit sub, 19 - 6¼" x 2½" DC's (595.91'). Mud Wt. 9.1, funnel vis. 32, plastic vis. 4, yield 2, pH. 11.0. Bit #1, 8-3/4", XDC HTC. Removed Acme rental 10' 3000 psi spool 4-3/4 hrs. NU BOP stack on Gray oil tool 10" 3000 psi, 9-5/8" SDW casing head. Set Halliburton RBP in 9-5/8", 36# casing at 85' 1¼ hrs. Closed blind rams. Pressure tested BOP

## DAILY DRILLING REPORT (RE-DRILL)

MAPCO INC., ALLRED NO. 1-16

- 11-10-78 (cont.) stack below blind rams, casing head 9-5/8" casing to 85' with Howco pump truck to 2800 spi. Held 5 minutes OK. Released RBO at 85' and POOH. RD Hallibuton. PU bit and 19 - 6 1/4" DC 7 1/4 hrs. TIH with DP. Tagged cement at 4,784'. Drilled soft cement 4,981-4,986' and firm cement 4,896-5,051' 1 1/2 hrs. Cement not hard enough for sidetracking. Circulate before making connections. Circulated and conditioned mud at 5,051' 1-3/4 hrs. Pulled bit up to 2,889' (in 9-5/8" casing). Piled 23 stands. WDC 6 1/2 hrs. Daily Mud Cost \$384 Cum Cost \$1,614 Total Well Cost \$100,355
- 11-11-78 T.D. 5,096'; drilling with Dyna-drill. W.O.B. 5-15,000#, RPM 410, 5 1/2 x 16" pump, SPM 61, 800#, BHA: Bit #2, 6 1/2" OD Dyna-drill 7" x-over, 6 1/2" OD 2° bent sub, 6-3/4" Monel DC, 6 1/4" x-over, 19 - 6 1/4" x 2 1/4" DC's (646.90'). Mud Wt. 8.9, funnel vis. 33, plastic vis. 5, yield 3, W.L. 18.6, pH. 11.5, solids 3%, sand trace, 4,500 ppm chloride. Bit #1, 8-3/4", XDV HTC, in 4981', out 5080', made 99' in 3 1/2 hrs. Bit #2, 8-3/4", OWV HTC, in 5,080', made 16' in 5-3/4 hrs. Deviation: 2° @ 5,047'. Waited on cement plug to gain sufficient strength for sidetracking 2 1/2 hrs. Tripped in with bit #1 from bottom of 9-5/8" casing to dress off cement plug 1 hr. Drilled cement 5,051' - 5,080' at 2-4 MPF with 50,000# WOB, 50 RPM, 53 SPM, 275 GPM, 500 psi PP 2 hrs. Cement has sufficient strength to sidetrack. Circulated and conditioned hole for Dyna-drill 1 1/2 hrs. Tripped out with wet string 2 1/2 hrs. PU 6 1/2" OD Dyna-drill and 6-3/4" OD Monel DC 1/2 hr. Cleaned up bit #1 balled with cement and mud 1/2 hr. Four teeth broken on cone #2 and 3 teeth on cone #3. WOD while deciding whether to run Dyna-drill or not 1 1/2 hrs. Concerned about broken teeth on bit #1. Decided to run Dyna-drill. Tripped in with bit #2 and dyna-drill to sidetrack 3 1/4 hrs. Detail: Attempted to run survey 2 hrs. Wire fouled on survey unit. POOH with survey tool and straighten wire. Reran orienting survey at 5,047'. Tool face oriented S 49° E. Circulated out 18' fill on bottom 1 hr. Drilled with bit #2 and dyna-drill appeared to be drilling formation as well as cement at 5,088' 5-3/4 hrs. Daily Mud Cost \$33 Cum Cost \$1,647 Total Well Cost \$111,893
- 11-12-78 T.D. 5,147'; drilling with Dyna-drill. W.O.B. 5,000#, RPM 410, 5 1/2 x 16" pump, SPM 61, 700-800#, BHA: Bit #3, 6 1/2" OD Dyna-drill, 7" x-over, 6 1/2" OD 2° bent sub, 6-3/4" Monel DC, 6 1/4" x-over, 19-6 1/4" DC's (646.90'). Mud Wt. 9.0, funnel vis. 37, plastic vis. 6, yield 2, W.L. 26.8, pH. 12.0, solids 3%, sand trace, 6,000 ppm chloride. Bit #2, 8-3/4", OWV HTC, in 5,080', out 5,120', made 40' in 1 1/4 hrs. Bit #3, 8-3/4", XDV HTC, in 5,120', made 27' in 3-3/4 hrs. Drilled with bit #2 and Dyna-drill to 5,105' 2 1/2 hrs. Circulated and reamed up and down 30' several times 3/4 hrs. Had 20' fill on connection at 5,105' 3/4 hrs. Circulated out fill. Drilled with bit #2 and Dyna-drill to 5,120' 3 hrs. Surveyed before trip at 5,060' - 1/4° deviation in 560° E direction 3/4 hr. Tool face oriented N 9° E. Chained out with bit #2 and Dyna-drill 4 1/2 hrs. Bit #2 had spear PT missing from cone #1. Cones 1 & 2 appeared to have run on spear point. Tripped in with

## DAILY DRILLING REPORT (RE-DRILL)

MAPCO INC., ALLRED #1-16

11-12-78 bit #3 and Dyna-drill. Washed 60' fill to bottom  $1\frac{1}{4}$  hrs. Circulated (cont.) for survey. Surveyed at 5,080' to orient Dyna-drill, deviation  $1\frac{1}{4}^{\circ}$  in  $563^{\circ}$  E direction 1 hr. Tool face oriented N  $12^{\circ}$  W. Detail: Hole sloughed in 2 hrs. Washed 30' back to bottom. Circulated and conditioned mud. Took 3 surveys attempting to properly orient Dyna-drill  $2\frac{1}{2}$  hrs. Surveys were:

Number	Depth	Deviation	Direction	Tool Face Direction
1	5080'	$1\frac{1}{4}^{\circ}$	N $80^{\circ}$ E	N $23^{\circ}$ W
2	5080'	$1\frac{1}{4}^{\circ}$	S $50^{\circ}$ E	N $20^{\circ}$ E
3	5080'	$1\frac{1}{4}^{\circ}$	S $88^{\circ}$ E	S $85^{\circ}$ W

Rotated drill string so that tool face was oriented S  $49^{\circ}$  E, Drilled with bit #3 and Dyna-drill to 5,141'  $1\frac{3}{4}$  hrs. Circulated for survey  $\frac{1}{2}$  hr. Surveyed @ 5101' -  $1^{\circ}$  deviation, N  $50^{\circ}$  E.  $\frac{3}{4}$  hr. Tool face oriented N  $24^{\circ}$  W. Rotated drill string so that tool face was oriented S  $49^{\circ}$  E. Drilled with bit #3 and Dyna-drill to 5,147' 2 hrs. Daily Mud Cost \$160 Cum Cost \$1,807 Total Well Cost \$118,463

11-13-78 T.D. 5,172'; drilled with Dyna-drill. W.O.B. 5-20,000#, RPM 410,  $5\frac{1}{2}$  x 16" pump, SPM 61, 600#, BHA: Bit #RR1,  $6\frac{1}{2}$ " Dyna-drill (SN 65652), 7" x-over,  $6\frac{1}{2}$ " OD 3" bent sub, 6- $\frac{3}{4}$ " Monel DC,  $6\frac{1}{4}$ " x-over, 19 -  $6\frac{1}{4}$ " DC (646.63'). Mud Wt. 9.0, funnel vis. 36, plastic vis. 8, yield 7, W.L. 36, pH. 11.5, solids 3%, sand trace, 10,000 ppm chloride. Bit #3, 8- $\frac{3}{4}$ ", XDV HTC, in 5,120', out 5,170', made 50' in 12 hrs. Bit #RR1, 8- $\frac{3}{4}$ ", XDV HTC, in 5,170', made 2' in  $2\frac{1}{2}$  hrs. Drilled with bit #3 and Dyna-drill to 5,170'  $8\frac{1}{4}$  hrs. Surveyed @ 5,140' was  $2\frac{1}{2}^{\circ}$  - N  $16^{\circ}$  E  $\frac{3}{4}$  hr. Tool face oriented S  $12^{\circ}$  W. Pumped Barite pill and chained out with bit #3 and Dyna-drill  $3\frac{1}{2}$  hrs. LD Dyna-drill (SN 65836) and  $2^{\circ}$  bent sub  $1\frac{1}{2}$  hrs. PU new Dyna-drill (SN 65632) and  $3^{\circ}$  bent sub. Tripped in with bit #RR1 and Dyna-drill 2 hrs. Detail: Took 7 surveys attempting to properly orient Dyna-drill and  $3^{\circ}$  bent sub 5 hrs. Surveys were:

Number	Depth	Deviation	Direction	Tool Face Direction
1	5140'	$1^{\circ}$	N $40^{\circ}$ E	N $40^{\circ}$ W
2	5140'	$1\frac{1}{2}^{\circ}$	N $38^{\circ}$ E	N $83^{\circ}$ W
3	5140'	$\frac{1}{2}^{\circ}$	N $16^{\circ}$ E	N $21^{\circ}$ E
4	5140'	$1^{\circ}$	N $49^{\circ}$ E	N $33^{\circ}$ W
5	5140'	$1\frac{1}{4}^{\circ}$	N $45^{\circ}$ E	N $57^{\circ}$ W
6	5140'	$1\frac{1}{2}^{\circ}$	N $40^{\circ}$ E	N $80^{\circ}$ W
7	5140'	$\frac{1}{2}^{\circ}$	N $17^{\circ}$ E	N $8^{\circ}$ E

Rotated drill string so that tool face was oriented S  $12^{\circ}$  W. Circulated and washed 15' fill to bottom  $\frac{1}{2}$  hr. Drilled with bit #RR1 and Dyna-drill  $2\frac{1}{2}$  hrs. Daily Mud Cost \$450 Cum Cost \$2,257 Total Well Cost \$124,893

11-14-78 T.D. 5,193'; drilling with Dyna-drill. W.O.B. 5,000#, RPM 410,  $5\frac{1}{2}$  x 16" pump, SPM 60, 600-750#, BHA: Bit #4,  $6\frac{1}{2}$ " Dyna-drill, 7" x-over,  $6\frac{1}{2}$ " OD  $3^{\circ}$  bent sub, 6- $\frac{3}{4}$ " Monel DC,  $6\frac{1}{4}$ " x-over, 19 -  $6\frac{1}{4}$ " DC (646.60'). Mud Wt. 9.0, funnel vis. 36, plastic vis. 9, yield 7, W.L. 22.6, pH. 11.5 solids 3%, sand trace, 9,000 ppm chloride. Bit #RR1, 8- $\frac{3}{4}$ ", XDV HTC,

## DAILY DRILLING REPORT (RE-DRILL)

MAPCO INC., ALLRED NO. 1-16

- 11-14-78 in 5,170', out 5,178', made 8' in 8½ hrs. Bit #4, 8-3/4", XDV HTC, in 5,178', made 15' in 10¼ hrs. Drilled with Bit #RRI and Dyna-drill to 5,173' 1 hr. Surveyed @ 5,143' was 2½° - N 15° E 1¼ hrs. Tool face oriented S 20° E. Drilled with bit #RRI and Dyna-drill to 5,178' 5 hrs. Surveyed @ 5,143' was 2¼° - N 10° E ½ hr. Tool face oriented S 40° E. Blow down Kelly ¼ hr. Chain out with bit #RRI and Dyna-drill 2½ hrs. Seals on #1 and 2 cones effective. Seal on #3 cone gone. 2 outside teeth on cone #1 and cone #3 appeared to have run on junk. Tripped in with bit #4 and Dyna-drill 2 hrs. Washed 15' fill to bottom and circulated ¾ hr. Surveyed @ 5,143' was 2¼° - N 14° E ½ hr. Tool face oriented S 41° E. Rotated drill string so that tool face was oriented S 20° E. Drilled with bit #4 and Dyna-drill to 5,193' 10¼ hrs. Daily Mud Cost \$438 Cum Cost \$2,695 Total Well Cost \$132,026
- 11-15-78 T.D. 5,206'; chaining out with bit #5. W.O.B. 2,000#, RPM 410, 5½ x 16" pump, SPM 61, 750#, BHA: bit #5, 6½" Dyna-drill, 7" x-over, 6½" OD 3° bent sub, 6-3/4" Monel DC, 6¼" x-over, 19 - 6¼" DC (646.60'). Mud Wt. 9, funnel vis. 39, plastic vis. 9, yield 8, W.L. 18.6, pH. 12.0, solids 3%, sand trace, 9,000 ppm chloride. Bit #4, 8-3/4", XDV HTC, in 5,178', out 5,194', made 16' in 10½ hrs. Bit #5, 8-3/4", OWV HTC, in 5,194', out 5,206' made 12' in 8½ hrs. Drilled with Dyna-drill and bit #4 TD 5,194' ¼ hr. Surveyed @ 5,156' was 1-3/4° - N 60° E ¾ hr. Tool face oriented S 18° E. Tripped out with Bit #4 1 hr. Serviced rig and thawed out lines 1 hr. Completed trip out with bit #4 1½ hrs. Changed bits, checked BOP, de-iced fuel lines 1½ hrs. Tripped in with bit #5 and dyna-drill 1¼ hrs. Tagged fill 15' above bottom (5,179') 1 hr. Washed down 8' hard fill to 5,187'. Surveyed @ 5,143' was 2¼° - N 10° E ¾ hr. Tool face oriented S 40° E. Rotated drill string so that face was oriented S 20° E. Continued washing to bottom 1 hr. Worked out bit torque after getting on bottom. Detail:  
 1¼ hrs: Drilled with bit #5 and Dyna-drill to 5195'. Bit torqued up.  
 ¼ hr : Worked out bit torque.  
 7¼ hrs: Drilled with bit #5 and dyna-drill to 5206'. Samples contained very little cement.  
 ¾ hr: Surveyed @ 5,165' was 1-3/4° - N 67° E. Tool face oriented S 22° E.  
 4½ hrs: Chained out of hole with bit #5 and Dyna-drill.  
 Daily Mud Cost \$867 Cum Cost \$3,562 Total Well Cost \$139,338
- 11-16-78 T.D. 5,242'; drilling. W.O.B. 5-25,000#, RPM 42, 5½ x 16" pump, SPM 60, 1,800#, BHA: Bit #6, 7" 3 pt reamer, 6-3/4" Monel DC, 6-3/4" RNP stab, 6-7/8" DC, 6-3/4" RNP stab, 6-7/8" DC, 6-3/8" DC, 6½" x-over, 19-6¼" DC (735.42'). Mud Wt. 9.0, funnel vis. 39, plastic vis. 9, yield 7, W.L. 16.6, pH. 11.5, solids 3%, sand trace, 9,000 ppm chloride. Bit #5, 8-3/4", OWV HTC, in 5,194', out 5,206', made 12' in 8½ hrs. Bit #6, 8-3/4", J33

## DAILY DRILLING REPORT (RE-DRILL)

MAPCO INC., ALLRED NO. 1-16

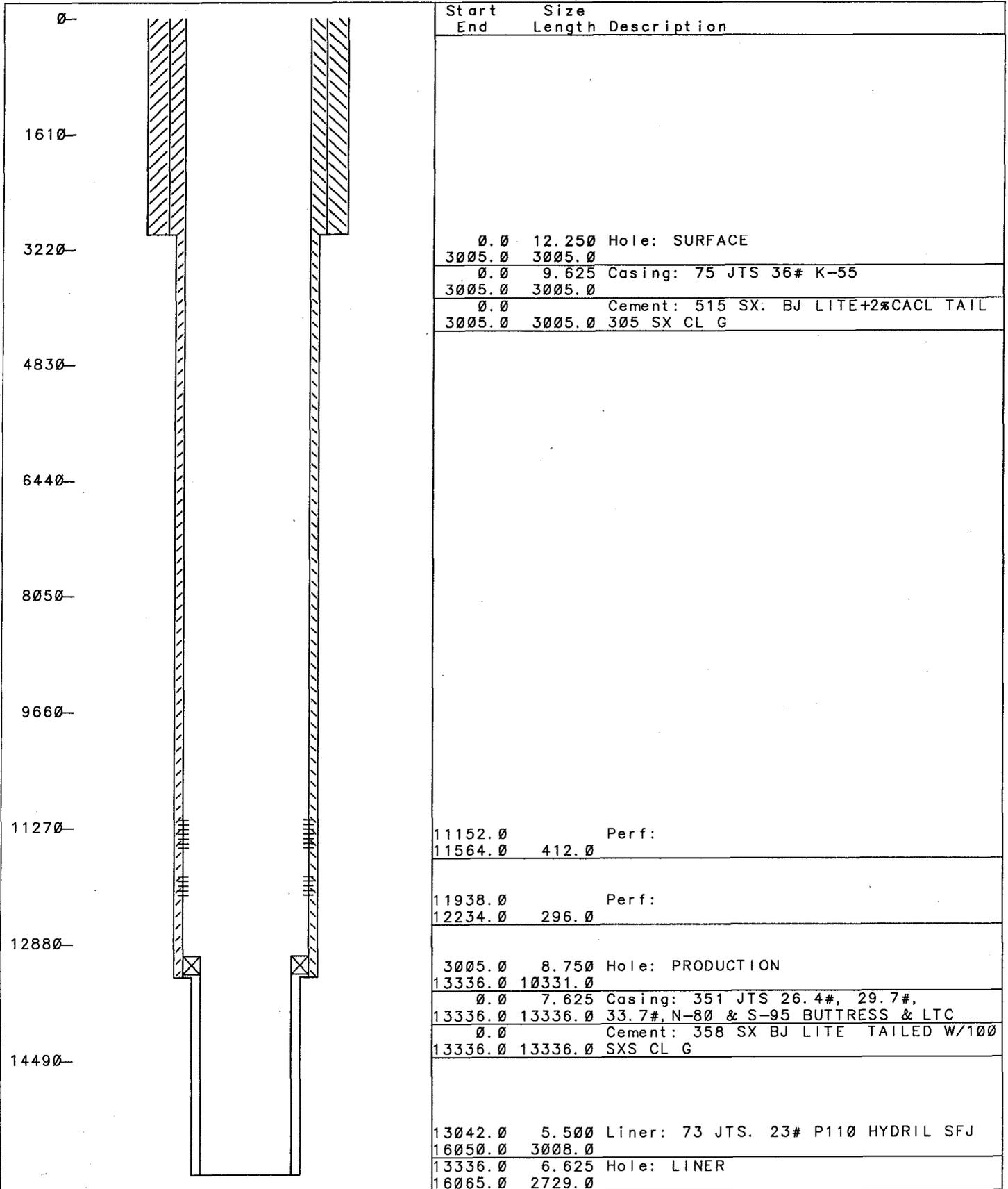
- 11-16-78 (cont.) HTC, in 5,206', made 36' in 9 hrs. Finished chaining out with bit #5 and Dyna-drill  $\frac{1}{4}$  hr. LD Dyna-drill and 3° bent sub. PU 2-6-7/8: OD DC's, 6-3/8" OD DC, 7" OD 3 pt Drilco reamer, 2-6-3/4" OD Drilco RWP stab, calipered, measured and RIH new BHA 5 $\frac{1}{4}$  hrs. RIH with 12 stands 4 $\frac{1}{2}$ ", 20# DP and tripped out LD same 2 $\frac{1}{2}$  hrs. RIH with 20 stands 4 $\frac{1}{2}$ ", 16.6# DP SLM. Discharge hose on centrifugal pump disconnected and pumped 150 bbls mud from mud tanks to reserve pit 3/4 hr. Cut drilling line 1 $\frac{1}{4}$  hr. Mud volume low. Waited on water. Repaired centrifugal discharge hose 3/4 hr. Mixed mud to 30 sec/qt. vis. 1 hr. Filled tanks with water. 1 hr. Detail: TIH with 27 stands 4 $\frac{1}{2}$ ", 16.6# DP SLM 1 hr. Washed and worked new BHA last 33' to bottom 2 hrs. Set down as much as 50,000# working bit to bottom. Worked bit up and down until tightness out of hole. Drilled with bit #6 to 5,228' with 43 SPM and 1800 psi 6 hrs. Jet plugged. Made connection at 5,228'  $\frac{1}{4}$  hr. All motors died. Restarted. Drilled with bit #6 to 5,242'. At 3:50 AM, jet became unplugged with pump increasing from 43 SPM and 1800 psi to 60 SPM and 1800 psi 3 hrs. Daily Mud Cost \$265 Cum Cost \$3,827 Total Well Cost \$151,328
- 11-17-78 T.D. 5,429'; drilling. W.O.B. 25-55,000#, RPM 36-70, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 1,800#, BHA: Bit #6, 7" 3 pt reamer, 6-3/4" Monel DC, 6-3/4" RWP stab, 6-7/8" DC, 6-3/4" RWP stab, 6-7/8" DC, 6-3/8" DC, 6 $\frac{1}{2}$ " x-over, 19 - 6 $\frac{1}{4}$ " DC (735.42). Mud Wt. 9.0, funnel vis 36, plastic vis. 10, yield 10, W.L. 14.8, pH. 11.5, solids 3%, sand trace, 7,500 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5,206', made 223' in 30 $\frac{1}{4}$  hrs. Deviations: 3-3/4° @ 5240', 3 $\frac{1}{2}$ ° @ 5304', 3-5/8° @ 5400'. Drilled with bit #6 to 5260'. Serviced rig  $\frac{1}{4}$  hr. Surveyed @ 5240' 3/4 hr. Drilled with bit #6 to 5324' (5260-5302': 7 $\frac{1}{2}$  hrs., 36 RPM, 25000# WOB) (5302-5324': 3 $\frac{1}{4}$  hrs., 60-70 RPM, 25000# WOB) 10-3/4 hrs. Circulated 10 min & surveyed @ 5,304' 3/4 hr. Drilled with bit #6 to 5420' (5324-5420: 6 $\frac{1}{2}$  hrs., 60-70 RPM, 50-55000# WOB) 6 $\frac{1}{2}$  hrs. Circulated 15 min. & surveyed @ 5400' 1 hr. Drilled with bit #6 to 5429' (5420-5429:  $\frac{1}{2}$  hr, 70 RPM, 55000# WOB)  $\frac{1}{2}$  hr. Daily Mud Cost \$620 Cum Cost \$4,447 Total Well Cost \$157,638
- 11-18-78 T.D. 5,758'; drilling. W.O.B. 55,000#, RPM 70, 5 $\frac{1}{2}$  x 16" pump, SPM 60, 1,800#. Mud Wt. 8.9, funnel vis. 36, plastic vis. 10, yield 8, W.L. 16.6, pH. 11.5, solids 4%, sand trace, 8,000 ppm chloride. Bit #6, 8-3/4", J33 HTC, in 5,206, made 552' in 51-3/4 hrs. Deviations: 3 $\frac{1}{4}$ ° @ 5,524', 3 $\frac{1}{4}$ ° @ 5,588'. Drilled with bit #6 to 5,482' 3 $\frac{1}{2}$  hrs. Serviced rig  $\frac{1}{2}$  hr. Drilled with bit #6 to 5,544' 4 hrs. Circulated for survey  $\frac{1}{4}$  hr. Surveyed @ 5,524' 3/4 hr. Drilled with bit #6 to 5,608' 4 $\frac{1}{2}$  hrs. Circulated for survey  $\frac{1}{4}$  hr. Surveyed @ 5,588'  $\frac{1}{2}$  hr. Drilled with Bit #6 to 5,640' 2 $\frac{1}{4}$  hrs. Light plant died. Changed fuel filters, restarted light plant  $\frac{1}{4}$  hr. Drilled with bit #6 to 5,758' 7 $\frac{1}{4}$  hrs. Daily Mud Cost \$648 Cum Cost \$5,095 Total Well Cost \$164,491

Lease: ALLRED  
Well #: 1-16A3

API #: 43-013-30232-  
Location: Sec 16 Twn 01S Rng 03W  
County: DUCHESNE  
State: UTAH  
Field: ALTAMONT  
Operator: LINMAR

Spud Date: 07/16/1973  
KB: 6340  
TD: 16065

Comp Date: 02/17/1974  
ELEV: 6319  
PBSD: 16050



Start End	Size Length	Description
0.0	12.250	Hole: SURFACE
3005.0	3005.0	
0.0	9.625	Casing: 75 JTS 36# K-55
3005.0	3005.0	
0.0		Cement: 515 SX. BJ LITE+2%CACL TAIL
3005.0	3005.0	305 SX CL G
11152.0		Perf:
11564.0	412.0	
11938.0		Perf:
12234.0	296.0	
3005.0	8.750	Hole: PRODUCTION
13336.0	10331.0	
0.0	7.625	Casing: 351 JTS 26.4#, 29.7#
13336.0	13336.0	33.7#, N-80 & S-95 BUTTRESS & LTC
0.0		Cement: 358 SX BJ LITE TAILED W/100
13336.0	13336.0	SXS CL G
13042.0	5.500	Liner: 73 JTS. 23# P110 HYDRIL SFJ
16050.0	3008.0	
13336.0	6.625	Hole: LINER
16065.0	2729.0	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

Fee

6. If Indian, Alottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

N/A

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

8. Well Name and No.

See attached list.

2. Name of Operator

Linmar Petroleum Company

9. AAPI Well No.

See attached list.

3. Address and Telephone No.

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

10. Field and Pool, Or Exploratory Area

See attached list.

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached list of wells.

11. County or Parish, State

See attached list.

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
  
 Subsequent Report  
  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Change of Operator

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

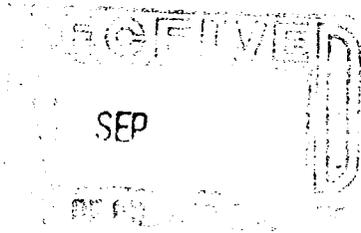
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

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

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

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



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

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

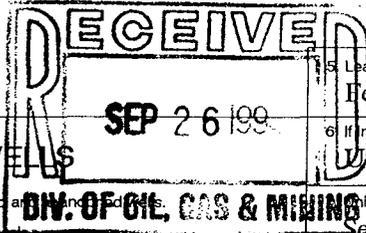
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APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

WELL NAME	API #	FOOTAGES	LOCATION	FIELD	COUNTY	LEASE DESIGNATION
Ållred 2-16A3	43-013-30361		Section 16, T1S, R3W, U.S.M.	Altamont	Duchesne	Fee <u>96-00037</u>
Barrett 1-34A5	43-013-30323	713' FNL & 1387' FEL	Section 34, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Birch 1-35A5	43-013-30233	757' FNL & 1024' FEL	Section 35, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Birch 2-35A5	43-013-30362		Section 35, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 1-25B4	43-013-30668	778' FNL & 1627' FEL	Section 25, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 1-27B4	43-013-30185	1244' FNL & 1464' FEL	Section 27, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 2-35B5	43-013-30908	2432' FNL & 1648' FWL	Section 35, T2S, R5W, U.S.M.	Altamont	Duchesne	Fee
Brotherson 2-3B4	43-013-31008	1226' FSL & 1933' FWL	Section 3, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Chandler 2-5B4	43-013-31000	466' FSL & 1180' FWL	Section 5, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee <u>NW580 (ANK)</u>
Christensen 2-26A5	43-013-30905	776' FSL & 1467' FWL	Section 26, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Christensen 2-8B3	43-013-30780	1880' FSL & 1694' FWL	Section 8, T2S, R3W, U.S.M.	Altamont	Duchesne	Fee
Christensen 3-4B4	43-013-31142	804' FSL & 1948' FEL	Section 4, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Christman Blann 1-31B4	43-013-30198	1257' FNL & 1552' FEL	Section 31, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
D. Moon 1-23Z1	43-047-31479		Section 23, T1N, R1W, U.S.M.	Bluebell	Uintah	Fee
Ellsworth 2-8B4	43-013-30898	1580' FSL & 1580' FWL	Section 8, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Ellsworth 2-9B4	43-013-31138	2976' FNL & 2543' FWL	Section 9, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee <u>96-00045 (ANK)</u>
Evans 1-31A4	43-013-30067	1987' FNL & 1973' FEL	Section 31, T1S, R4W, U.S.M.	Altamont	Duchesne	Fee
Fisher 1-19A3	43-013-30535	1609' FNL & 1671' FEL	Section 19, T1S, R3W, U.S.M.	Altamont	Duchesne	Fee
Fisher 2-6A3	43-013-30984	404' FSL & 596' FEL	Section 6, T1S, R3W, U.S.M.	Altamont	Duchesne	Fee
Ford 2-36A5	43-013-30911	1113' FSL & 1659' FWL	Section 36, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Hansen 1-16B3	43-013-30617	2088' FSL & 1760' FWL	Section 16, T2S, R3W, U.S.M.	Altamont	Duchesne	Fee
Horrocks 1-3A1	43-013-30171	2502' FNL & 2141' FWL	Section 3, T1S, R1W, U.S.M.	Bluebell	Duchesne/Uintah	Fee
Jensen 1-31A5	43-013-30186	1380' FNL & 1244' FEL	Section 31, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Jensen 2-29A5	43-013-30974	1085' FSL & 1528' FWL	Section 29, T1S, R5W, U.S.M.	Altamont	Duchesne	Fee
Jessen 1-17A4	43-013-30173	1182' FNL & 1130' FEL	Section 17, T1S, R4W, U.S.M.	Altamont	Duchesne	Fee
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee <u>96-00016</u>
Linmar 1-19B2	43-013-30600	2032' FNL & 2120' FWL	Section 19, T2S, R2W, U.S.M.	Altamont	Duchesne	Fee
Marshall 1-20A3	43-013-30193	565' FNL & 1821' FEL	Section 20, T1S, R3W, U.S.M.	Bluebell	Duchesne	Fee
Murray 3-2A2	43-013-30816	2211' FNL & 2257' FWL	Section 2, T1S, R2W, U.S.M.	Bluebell	Duchesne	Fee
Oman 2-4B4	43-013-30645	1536' FSL & 1849' FWL	Section 4, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee
Rhoades Moon 1-35B5	43-013-30155	870' FNL & 960' FEL	Section 35, T2S, R5W, U.S.M.	Altamont	Duchesne	Fee
Wimmer 2-27B4	43-013-30941	904' FNL & 886' FWL	Section 27, T2S, R4W, U.S.M.	Altamont	Duchesne	Fee

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

None

7. Lease Agreement Name:

See attached list.

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

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

NOTICE OF INTENT

(Submit In Duplicate)

- |  |   |
|--|---|
| <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:

*Burris Schneider*

Title:

*Environmental Analyst*

Date:

09/19/94

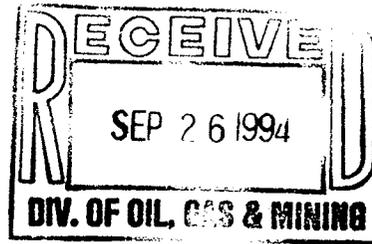
(This space for State use only)

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

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



**Coastal**  
The Energy People



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

**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

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. If Indian, Allottee or Tribe Name:  
Ute

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)

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

Approximate date work will start 9/8/94

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

There was a change of operator on the date above for all wells on the 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* Title: V.P. OF MANAGING GENERAL PARTNER Date: 9/20/94

(This space for State use only)

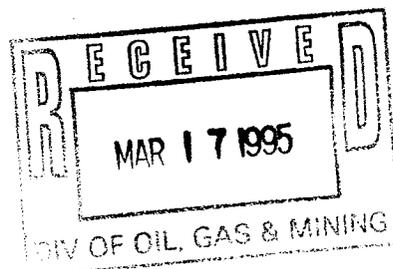
WELL NAME	API #	FOOTAGES	LOCATION	COUNTY	LEASE DESIGNATION	TRIBE NAME	CA #	BOND #
Allred 1-16A3	43-013-30232	700' FNL & 1280' FEL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Allred 2-16A3	43-013- <del>306691</del> 30361		Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Belcher 2-33B4	43-013-30907	2348' FNL & 1085' FWL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Brown 2-28B5	43-013-30718	1777' FSL & 1413' FWL	Section 28, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000068	102102, 962270
Carl Smith 2-25A4	43-013-30776		Section 25, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000036	102102, 962270
Chasel 2-17A1	43-013-30732	1379' FSL & 1360' FWL	Section 17, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	VR49184680C	102102, 962270
Chasel Hackford 2-10A1E	43-047-31421	1120' FSL & 1120' FEL	Section 10, T1S, R1E, U.S.M.	Uintah	Fee	Ute	UT08014986C693	102102, 962270
Chasel Miller 2-1A2	43-013-30360		Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Clark 2-9A3	43-013-30876		Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Duncan 3-11A2	43-013-31135	1097' FSL & 702' FWL	Section 1, T1S, R2W, U.S.M.	Duchesne	Fee	Ute	UT08014987C685	102102, 962270
Dye 1-25Z2	43-013-30659	1520' FSL & 1520' FEL	Section 25, T1N, R2W, U.S.M.	Duchesne	Fee	Ute	UT08049P84C723	102102, 962270
Fieldsted 2-27A4	43-013-30915	1496' FSL & 1718' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Fisher 1-16A4	43-013-30737	1527' FSL & 834' FEL	Section 16, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184672C	102102, 962270
Fisher 1-7A3	43-013-30131	1980' FNL & 2080' FEL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Goodrich 1-24A4	43-013-30760	1106' FNL & 1599' FEL	Section 24, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184703C	102102, 962270
Griffith 1-33B4	43-013-30288	1307' FNL & 1512' FEL	Section 33, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000119	102102, 962270
Horrocks 2-4A1	43-013-30954	1678' FNL & 1520' FEL	Section 4, T1S, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014985C701	102102, 962270
Jacobson 2-12A4	43-013-30985	1104' FSL & 2417' FWL	Section 12, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	UT08014986C685	102102, 962270
Jenkins 3-16A3	43-013-30877	1085' FSL & 1905' FWL	Section 16, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000087	102102, 962270
Jensen 1-29Z1	43-013-30725	1331' FSL & 2424' FEL	Section 29, T1N, T1W, U.S.M.	Duchesne	Fee	Ute	VR49184681C	102102, 962270
Jessen 1-15A4	43-013-30817	2417' FNL & 1514' FEL	Section 15, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	VR49184692C	102102, 962270
LeBeau 1-34A1	43-013-30590		Section 34, T1S, R1W, U.S.M.	Duchesne/Uintah	Fee	Ute	VR49184694C	102102, 962270
Lindsay Russell 1-32B4	43-013-30308	1320' FNL & 1320' FEL	Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Lindsay Russell 2-32B4	43-013-30371		Section 32, T2S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000116	102102, 962270
Morris 2-7A3	43-013-30977	2473' FSL & 580' FWL	Section 7, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	96-000058	102102, 962270
Olsen 1-27A4	43-013-30064	1200' FNL & 1200' FEL	Section 27, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	96-000108	102102, 962270
Oman 2-32A4	43-013-30904	754' FSL & 1140' FWL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Powell 2-8A3	43-013-30979	661' FSL & 1114' FWL	Section 8, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	NRM-715	102102, 962270
Rhoades Moon 1-36B5	43-013-30289		Section 36, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	96-000113	102102, 962270
Timothy 1-9A3	43-013-30321	1491' FNL & 1646' FEL	Section 9, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000123	102102, 962270
Timothy 3-18A3	43-013-30940		Section 18, T1S, R3W, U.S.M.	Duchesne	Fee	Ute	9C-000132	102102, 962270
Warren 1-32A4	43-013-30174	1799' FNL & 1104' FEL	Section 32, T1S, R4W, U.S.M.	Duchesne	Fee	Ute	NW-613	102102, 962270
Wildlife Resources 1-33B5	43-013-30649	1804' FNL & 1603' FEL	Section 33, T2S, R5W, U.S.M.	Duchesne	Fee	Ute	UT08049184C726	102102, 962270
Wilkerson 1-20Z1	43-013-30942	1523' FSL & 1509' FEL	Section 20, T1N, R1W, U.S.M.	Duchesne	Fee	Ute	UT08014986C680	102102, 962270

RECEIVED  
SEP 26 1994

# 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  
L. M. Rohleder  
Vice President of  
Managing General Partner

LMR

Encl.



**Coastal**  
The Energy People

May 9, 1995

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

Dear Ms. Thompson:

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

*43-013-31138/sec. 9 25 4w*

*43-013-31000/sec. 5 25 4w*

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

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

Very truly yours,

*Marlene Boyle*

Marlene Boyle  
Land Consultant

MB:mh

Enclosure

cc: Bonnie Johnston

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1000 WEST STATE STREET, SUITE 2000, SALT LAKE CITY, UTAH 84111 • 801-473-1101

COMMUNITIZATION AGREEMENTS

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

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

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

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

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

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

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

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

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

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

## COMMUNITIZATION AGREEMENTS

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

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

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

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

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

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

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

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

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

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

## COMMUNITIZATION AGREEMENTS

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

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

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

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

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

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

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

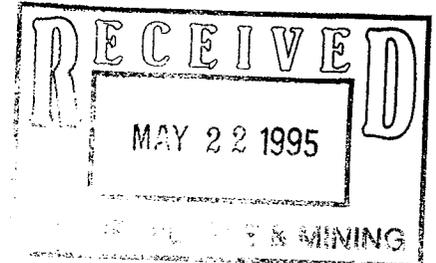
# INMAR PETROLEUM COMPANY

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)

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. ROHLEDER (303)773-8003 NOTIFIED.

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

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9523

REPORT PERIOD (MONTH/YEAR): 5 / 95

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
TIMOTHY 1-9A3								
4301330321	09115	01S 03W 9	GR-WS			96000173		
ALLRED 1-16A3								
4301330232	09116	01S 03W 16	GR-WS			96000087		
FISHER 1-16A4								
4301330737	09117	01S 04W 16	GRRVL			VR49184672C		
OLSEN 1-27A4								
4301330064	09119	01S 04W 27	GR-WS			96000108		
BROWN 2-28B5								
4301330718	09131	02S 05W 28	GR-WS			96000068		
WILDLIFE RES. 1-33B5								
01330649	09132	02S 05W 33	GR-WS			UT08049184C726	FEE (7/95 Int. PA)	
UTE TRIBAL 1-18B1E								
4304730969	09135	02S 01E 18	GR-WS			96000212		
GOODRICH 1-24A4								
4301330760	09136	01S 04W 24	GR-WS			VR49184703C		
CARL SMITH 2-25A4								
4301330776	09137	01S 04W 25	GR-WS			96-000036	FEE (7/95 Int. PA)	
JENKINS 3-16A3								
4301330877	09335	01S 03W 16	GR-WS			96000087		
JESSEN 1-15A4								
4301330817	09345	01S 04W 15	GR-WS			VR49184692C		
CHASEL-HACKFORD 2-10-A1E								
4304731421	09400	01S 01E 10	GR-WS			UT08014986C693	FEE (7/95 Int. PA)	
UTE TRIBAL 1-30Z1								
4301330813	09405	01N 01W 30	GR-WS			VR49184705C		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

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

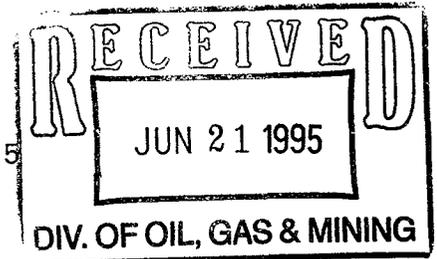
Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

June 20, 1995



Memorandum

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

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

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

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

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

/s/ Robert A. Henricks

Enclosures

cc: Marlene Boyle  
Coastal Oil & Gas Corp.

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

Handwritten signature or initials, possibly "DOB" or similar, in dark ink.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing
1-IEG
2-LWP 7-PL
3-DIS 8-SJ
4-VLG 9-FILE
5-RJF
6-LWP

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

- 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)	<b>COASTAL OIL &amp; GAS CORP</b>	FROM (former operator)	<b>LINMAR PETROLEUM COMPANY</b>
(address)	<b>PO BOX 749</b>	(address)	<b>7979 E TUFTS AVE PKWY 604</b>
	<b>DENVER CO 80201-0749</b>		<b>DENVER CO 80237</b>
			<b>C/O COASTAL OIL &amp; GAS</b>
phone ( <u>303</u> )	<u>572-1121</u>	phone ( <u>303</u> )	<u>773-8003</u>
account no. <u>N 0230(B) *6-30-95</u>		account no. <u>N9523 (A)</u>	

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30232</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lee* 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)*
- Lee* 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: \_\_\_\_\_
- Lee* 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.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(6-30-95)*
- LWP* 6. Cardex file has been updated for each well listed above. *7-12-85*
- LWP* 7. Well file labels have been updated for each well listed above. *7-12-95*
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(6-30-95)*
- Lee* 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) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

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

- Yes* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes* 3. The former operator has requested a release of liability from their bond (yes/no). Today's date Oct. 3, 1994. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *(we don't do this anymore)*
- DTJ* 2. Copies of documents have been sent to State Lands for changes involving State leases. *7-14-95 Sent to Ed Conner*

FILMING

1. All attachments to this form have been microfilmed. Date: July 23 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

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

RECEIVED  
FEB - 3 1995

### SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Allred #1-16A3

9. API Well Number:

43-013-30232

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

700' FNL & 1280' FEL

County:

Duchesne

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

NENE Section 16-T1S-R3W

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 type="checkbox"/> Convert to Injection                 | <input type="checkbox"/> Perforate            |
| <input checked="" 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 stimulation procedure for the subject well.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2/6/95  
BY: [Signature]

13.

Name & Signature:

N.O. Shiflett

Title: N.O. Shiflett  
District Drilling Manager

Date: 02/01/95

(This space for State use only)

## STIMULATION PROCEDURE

Allread #2-16A3 SWD  
Altamont Field  
Duchesne County, Utah

### WELL DATA

Location: 470' FNL & 1292' FEL  
Elevation: 6315' GL, 6325' KB  
Total Depth: 4,640' PBD: 4,6340'  
Casing: 9-5/8", 36 & 40#, K-55 set @ 321'  
7", 23#, K-55 set @ 4,640'  
Tubing: 2-7/8", 6.5#, J-55 set @ 3,416' w/R-3 Packer

### TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>B/F Capacity</u>	<u>psi Burst</u>	<u>psi Collapse</u>
7", 23#, K-55	6.366"	6.241	.0393	4360	3270
2-7/8", 6.5#, J-55	2.441"	2.347	.00579	10570	11160

Present Status: Well Presently injecting 500 BWPD @ 1480#.

### PROCEDURE

1. MIRU coil tubing unit. Clean out 7" casing to 4,630' with filtered production water using N<sub>2</sub> assist if necessary. Flow well back during cleaning out.
2. Acidize Duchesne River-Uintah perfs 3,593-4,424' as per attached procedure.
3. Return well to injection.

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

**MONTHLY OIL AND GAS PRODUCTION REPORT**

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9523

REPORT PERIOD (MONTH/YEAR): 5 / 95

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
TIMOTHY 1-9A3 4301330321	09115	01S 03W 9	GR-WS			96000123		
ALLRED 1-16A3 4301330232	09116	01S 03W 16	GR-WS			96000087		
FISHER 1-16A4 4301330737	09117	01S 04W 16	GRRVL			VR49184672C		
OLSEN 1-27A4 4301330064	09119	01S 04W 27	GR-WS			96000108		
BROWN 2-28B5 4301330718	09131	02S 05W 28	GR-WS			96000068		
WILDLIFE RES. 1-33B5 01330649	09132	02S 05W 33	GR-WS			UT08049184C726	FEE (7/95 Int. PA)	
UTE TRIBAL 1-18B1E 4304730969	09135	02S 01E 18	GR-WS			96000212		
GOODRICH 1-24A4 4301330760	09136	01S 04W 24	GR-WS			VR49184703C		
CARL SMITH 2-25A4 4301330776	09137	01S 04W 25	GR-WS			96-000036	FEE (7/95 Int. PA)	
JENKINS 3-16A3 4301330877	09335	01S 03W 16	GR-WS			96000087		
JESSEN 1-15A4 4301330817	09345	01S 04W 15	GR-WS			VR49184692C		
CHASEL-HACKFORD 2-10-A1E 4304731421	09400	01S 01E 10	GR-WS			UT08014986C6	93 FEE (7/95 Int. PA)	
UTE TRIBAL 1-30Z1 4301330813	09405	01N 01W 30	GR-WS			VR49184705C		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

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

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

# memorandum

DATE: October 12, 1995

REPLY TO  
ATTN OF: Acting Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

to: Bureau of Land Management, Vernal District Office

RECEIVED  
OCT 25 1995  
BUREAU OF LAND MANAGEMENT  
DIVISION 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
96-000118	24-3S-7W	All	640.0
9C-000212	18-2S-1E	All	639.18
VR49I-84703C	24-1S-4W	All	640.0
UT080I49-85C713	04-4S-6W	ALL	641.11
UT080I49-85C714	05-4S-6W	ALL	641.849
96-000058	07-1S-3W	ALL	630.12
96-000065	27-1N-1W	ALL	640.0
96-000068	28-2S-5W	ALL	640.0
96-000087	16-1S-3W	ALL	640.0
96-000108	<del>24-1S-4W</del> / Sec. 27	ALL	640.0
96-000119	33-2S-4W	ALL	654.08
9C-000123	09-1S-3W	ALL	640.0
9C-000132	18-1S-3W	ALL	630.72
NRM-715	08-1S-3W	ALL	640.0
VR49I-84680C	17-1S-1W	ALL	640.0
VR49I-84672C	16-1S-4W	ALL	640.0
VR49I-84681C	29-1N-1W	ALL	640.0
VR49I-84692C	15-1S-4W	ALL	640.0
VR49I-84694C	34-1S-1W	ALL	640.0
VR49I-84705C	30-1N-1W	ALL	638.92
UT080I49-85C701	04-1S-1W	ALL	659.14
UT080I49-85C704	03-1S-3W	ALL	688.68
UT080I49-86C680	20-1N-1W	ALL	640.0
UT080I49-86C685	12-1S-4W	ALL	640.0
UT080I49-87C685	01-1S-2W	ALL	664.25

RECEIVED  
OCT 24 RECD  
UINTAH & OURAY  
AGENCY

RECEIVED  
OCT 24  
MINERAL & MINING  
B.L.A. U&O AGENCY

The enclosed instruments were approved on October 10, 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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. FEE
2. Name of Operator Coastal Oil & Gas Corporation		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 1148, Vernal UT 84078	3b. Phone No. (include area code) (435)-781-7023	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 16, T1S, R3W		8. Well Name and No. Allred #1-16A3
		9. API Well No. 43-013-30232
		10. Field and Pool, or Exploratory Area Altamont
		11. County or Parish, State Duchesne Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to a P&A Procedure on the above referenced well. Please refer to the attached P&A Procedure.

COPY SENT TO OPERATOR  
Date: 9-13-99  
To: CHS

**APPROVED \***  
The Utah Division of Oil, Gas and Mining  
Robert J. Krueger, PE, Petroleum Engineer

RECEIVED  
SEP - 7 1999  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) Sheila Upchego  
Date: 9-13-99  
Title: Environmental Secretary  
Date: September 1, 1999

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: \* See attached conditions  
Title: \_\_\_\_\_  
Date: RJK Recd 9-13  
Office: \_\_\_\_\_

**PLUGGING AND ABANDONMENT PROCEDURE**

**ALLRED 1-16A3**

**SEC. 16-T1S-R3W**

**Altamont, Field**

**Duchesne County, Utah**

**PROCEDURE:**

1. MIRU PU, NDWH, NUBOP, POOH LD 2 3/8" tbg., RLS PKR, POOH and LD cavity and PKR.
2. PU RIH w/ 7 5/8" CIBP on tbg, set CIBP @11,100', spot 25sx cmt from 11,100' to 11,000'.
3. PUH to 10900' and fill csg w/ 9ppg brine to 3,000'.
4. POOH L/D excess tbg to 3,050', spot 25 sx cmt from 3,050 to 2,950', POOH to 2,850' and fill csg w/ 9# brine to surface.
5. POOH L/D excess tbg to 100', spot 25sx cmt from 100' to surface, POOH LD tbg.
6. Cut off casing 3' below ground level, weld on cap and DHM.
8. P&A well.

**COASTAL OIL & GAS CORPORATION  
DOWNHOLE DRAWING**

DATE 8/25/99

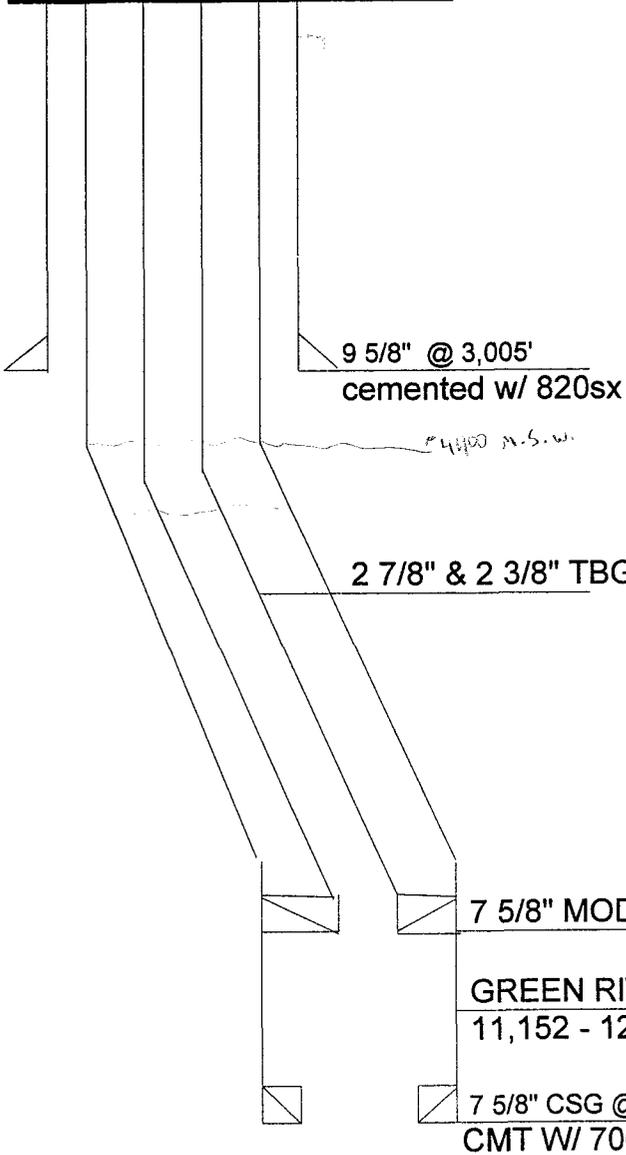
FIELD ALTAMONT  
WELL ALLRED 1-16A3  
STATE UTAH

**Existing Wellbore Diagram**

COUNT DUCHESNE  
SECTION 16 FOREMAN \_\_\_\_\_  
TWNSP: 1S KB 21  
RANGE: 3W GL 6319

**CASING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
<u>9 5/8"</u>	<u>36#</u>	<u>K-55</u>		<u>SURF</u>	<u>3,005</u>
<u>7 5/8"</u>	<u>26-39#</u>	<u>N-80-P110</u>		<u>SURF</u>	<u>12,402</u>



9 5/8" @ 3,005'  
cemented w/ 820sx

*\*4400 N.S.W.*

2 7/8" & 2 3/8" TBG.

7 5/8" MOD R PKR @ 11,412'

GREEN RIVER PERFS FROM  
11,152 - 12,234, 225 HOLES

7 5/8" CSG @ 12,399'  
CMT W/ 700 SX

**COASTAL OIL & GAS CORPORATION  
DOWNHOLE DRAWING**

DATE 8/25/99

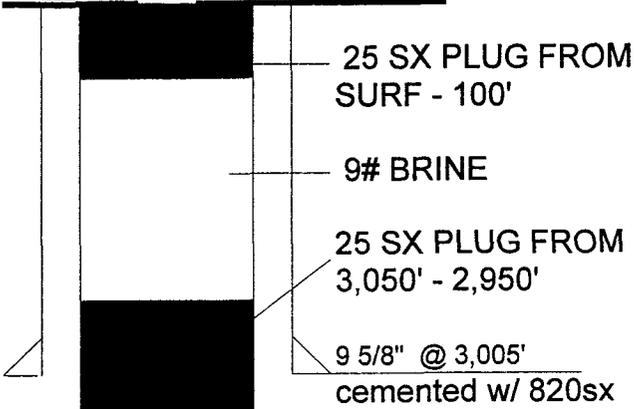
FIELD ALTAMONT

**P&Ad Wellbore Diagram**

WELL ALLRED 1-16A3

STATE UTAH

COUNT DUCHESNE  
 SECTION 16 FOREMAN \_\_\_\_\_  
 TWP: 1S KB 21  
 RANGE: 3W GL 6319



**CASING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
<u>9 5/8"</u>	<u>36#</u>	<u>K-55</u>		<u>SURF</u>	<u>3,005</u>
<u>7 5/8"</u>	<u>26-39#</u>	<u>N-80-P110</u>		<u>SURF</u>	<u>12,402</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

9 # BRINE

7 5/8" CIBP @ 11,100' CAPPED W/  
 25 SX CEMENT EST CMT TOP @ 10,985'  
 GREEN RIVER PERFS FROM  
 11,152 - 12,234, 225 HOLES

7 5/8" CSG @ 12,399'  
 CMT W/ 700 SX

**State of Utah**  
**Department of Natural Resources**  
**Division of Oil, Gas and Mining**

Conditional Approval of Notice of Intent to Abandonment Well

API Well Number: 43-013-30232  
Well Name and Number: Allred #1-16A3  
Name of Operator: Coastal Oil and Gas Corporation  
Sundry Receipt Date: September 7, 1999  
Date/Initials: 9-13-99/RJK

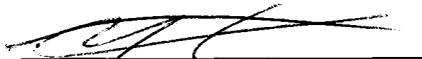
The Division based on the following general and specific conditions approves the submitted Sundry Notice for Well Abandonment:

**GENERAL CONDITIONS**

- A. Operator shall conduct all plugging and abandonment work in accordance with Utah Administrative Code R649-3-24.
- B. Operator shall notify the Division at least 72 hours prior to initiating field activities.
- C. Within 30 days following completion of the abandonment, Operator shall submit a subsequent report to the Division detailing the following:
  - 1. An account of plugging and casing removal procedures, specifications and quantities of all materials and equipment used, and the depths of all plugs installed;
  - 2. Records of any tests conducted or measurements collected; and,
  - 3. Amounts, type, and condition of casing removed and location and type of casing left in the well.

**SPECIFIC CONDITIONS**

- 1. Wax or other deposits shall be cleaned from inside the 7 5/8" casing prior to placement of any cement.
- 2. A biocide/oxygen scavenger shall be added to the plugging brine.
- 3. Additional cement plug shall be set from 4,300 to 4,400 feet to cover the base of moderately saline groundwater. This plug shall be tagged and reported as such.
- 4. The annulus between the 9 5/8" and 7 5/8" casings shall be filled with a minimum 100' cement plug by perforating and circulating.

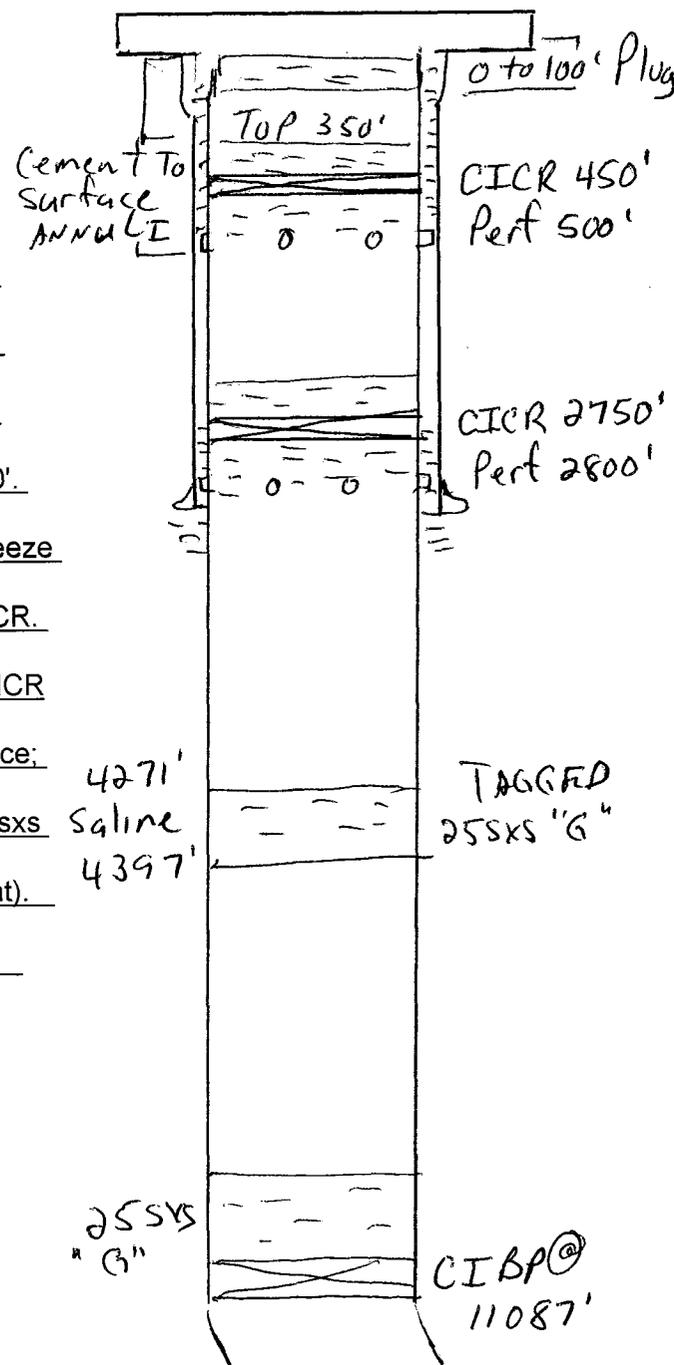
  
Robert J. Krueger  
Petroleum Engineer

**PLUGGING OPERATIONS**

Well Name: ALLRED #1-16A3 API Number: 43-013-30232  
 Qtr/Qtr: NE/NE Section: X 16 Township: 1S Range: 3W  
 Company Name: COASTAL OIL & GAS CORPORATION  
 Lease: State \_\_\_\_\_ Fee X Federal \_\_\_\_\_ Indian \_\_\_\_\_  
 Inspector: DENNIS L. INGRAM Date: 11/17/99

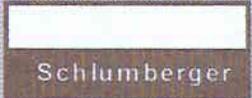
Casing Tested: YES X NO \_\_\_\_\_ Results: HELD 500 PSI F/15 MINUTES  
 Cementing Company: SCHLUMBERGER/DOWELL

Draw a wellbore diagram as plugged:



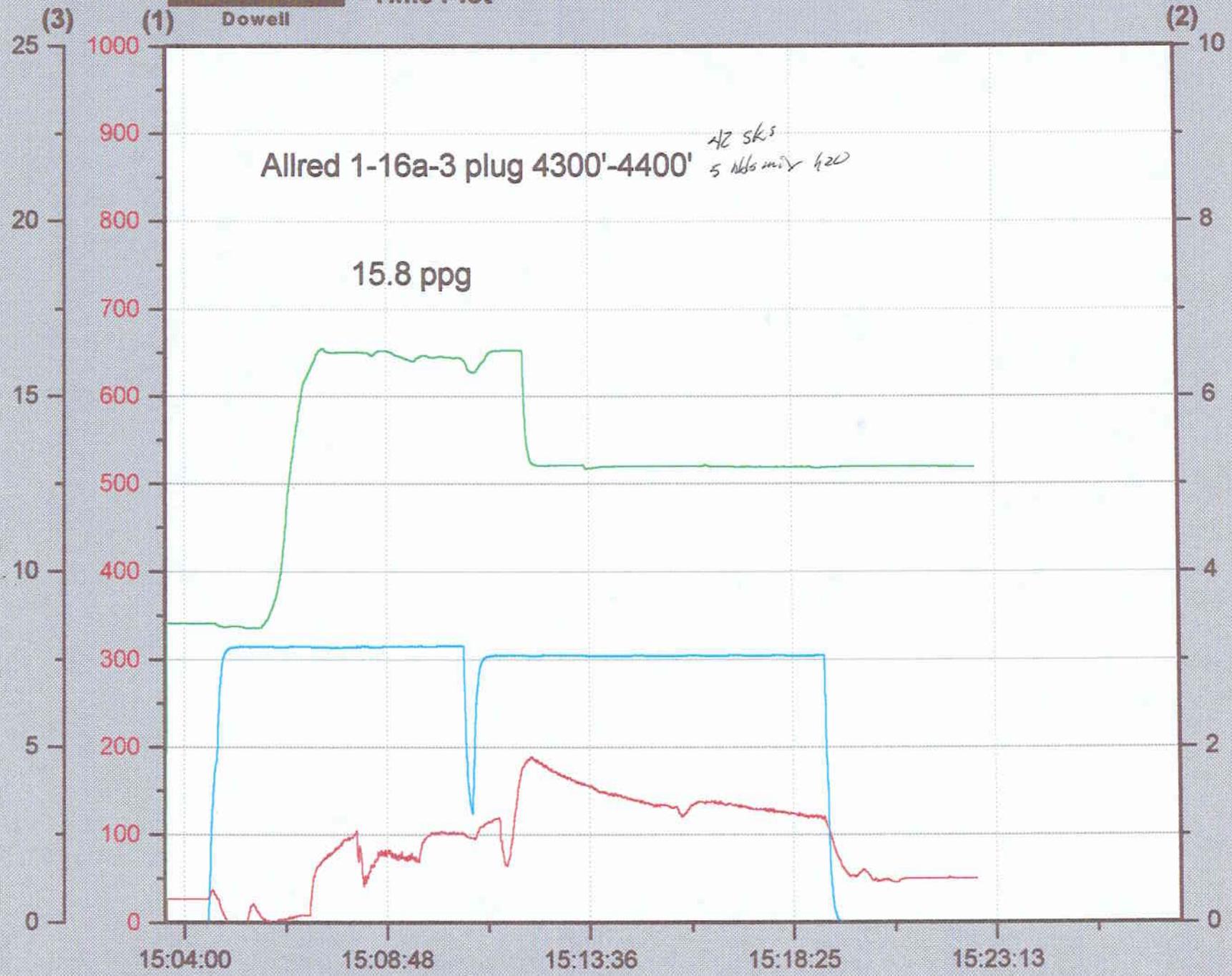
COMMENTS: Set CIBP @ 11087' and spot 25 sxs  
"G" cement on top same. Tested casing and displace  
wellbore with 9.0 brine water and corrosion inhibitor.  
shoot one shot (4 holes) @ 2800' and set CICR @ 2750'.  
Injection rate (no returns) was 1.3 bpm @600 psi. Squeeze  
40 sxs "G" through CICR and leave 25 sxs on top of CICR.  
Shoot 4 holes @ 500' in 7 5/8" casing then set 7 5/8" CICR  
@ 450' and squeeze "G" cement through same to surface;  
left 100' on top of CICR. Pooh to surface and spot 25 sxs  
"G" inside 7 5/8" casing (all annuli was filled with cement).

Attach copy of cement ticket if available.

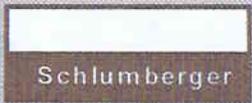


# PRISM\* Time Plot

Dowell



(1) Pressure (psi)      (3) Density (ppg)      (2) TotFlowrate (bpm)      \*Mark of Schlumberger



# PRISM\* Time Plot



(1) Pressure (psi)      (3) Density (ppg)      (2) TotFlowrate (bpm)      \*Mark of Schlumberger

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No.
2. Name of Operator Coastal Oil & Gas Corporation		Fee
3a. Address P.O. Box 1148, Vernal UT 84078		6. If Indian, Allottee or Tribe Name
3b. Phone No. (include area code) (435)781-7023		7. If Unit or CA/Agreement, Name and/or No. CA- #96-87
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 16, T1S, R3W		8. Well Name and No. Allred #1-16A3
		9. API Well No. 43-013-30232
		10. Field and Pool, or Exploratory Area Altamont
		11. County or Parish, State Duchesne UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>P&amp;A</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

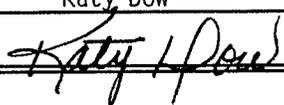
Subject well P&Ad on 11/17/99. Set balanced plug for 11,089' - 10,989'. Set balanced plug for 4397' - 4271'. Spot 42sx Cmt plug for 3065' - 2897'. Pump 70sx Class "G" Cmt flush w/2 Bbls Perf 4 squeeze holes @ 500'. Pump 80sx Cmt to 100'. Pump 25sx Cmt to surface.

Please refer to attached Chronological Well History.

**RECEIVED**

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Katy Dow	Title Environmental Jr. Analyst
	Date 1/31/00

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ALLRED 1-16A3  
ALAMONT/BLUEBELL FIELD  
DUCHESE COUNTY, UTAH

Drilled by MAPCO to 16,065'. Ran liner f/13,042-16,050'.

1/28/74-  
1/31/74

Ran tubing. IP'd @ 595 BO (in 9 hours) on 12/64" chk @ 4500 psi.

1Q75

Sqz liner lap.

4Q78

Csg collapse @ ±8750'. Plans called for pulling 7-5/8" csg and S/T to 12,000'. Complete in LGR. Perfs 11,938-12,234' 2/79 (ended up producing 238 MBO f/perfs).

3Q82

Recomplete to GR 'B' & 'C' zones 11,152-564' (BHC-Sonic) 146 holes and acdz w/15,000 gal. Water. Set BP @ 11,410' but still wet.

11/10/99

AFE #28922 P&A. MIRU, ND WH, NU BOP, CIRC 2 3/8" & 2 7/8" TBG @ 250 DEG, 200#, UNTIL CLEAN, POOH LD 230 JTS 2 3/8" TBG. EOT @ 4800', FILL CSG W/ 180BBLs TPW, PMP 2 1/2 BPM @ 500#, BLEED TO 0 IN 2 MIN. POSSIBLE CSG LEAK?

Day 1

TC: \$5,734

11/11/99

AFE #28922 P&A. FIN POOH LD 2 3/8" TBG, REL PKR POOH W/ 2 7/8" TBG, LD PMP CAVITY AND PKR, PU RIH W/ 7 5/8" CIBP ON TBG, EOT @ 4,000'. SDFN.

Day 2

TC:

\$10,046

11/12/99

AFE #28922 P&A. FIN RIH W/ 2 7/8" TBG, SET CIBP @ 11,087', CIRC HOLE W/300 BBLs 9# BRINE, SET A BALANCE PLUG FROM 11,089 TO 10,989, POOH LD 2 7/8" TBG TO 4,397, RU DOWELL SET A BALANCED CMT PLUG FROM 4,397 - 4,271', PU HOLE TO 4,115' CIRC HOLE W/ 9# BRINE TO SURF, RIH TAG CMT PLUG @ 4271', POOH W/ 10 STDS TBG. SDFN.

Day 3

TC: \$15,815

11/13/99

AFE #28922 P&A. FIN POOH LD TBG TO 3,065', SPOT 42 SX CMT PLUG F/3,065' TO 2897', POOH LD 2 7/8" TBG, RD RIG, ND BOP, CHECK 7" x 9 5/8" ANNULUS, NO PRESS, PUSHED A 1" VALVE BAR THROUGH VALVE TO 7", CUT A 1/2" HOLE IN 9 5/8" CSG, 2' BELOW CASING HEAD, STARTED BLOWING OIL AND WATER, WELD 3" COLLAR OVER HOLE IN CSG, INSTALL 3" X 2" X/O AND 2" VALVE, TRY PMP INTO 7" X 9 5/8" ANNULUS, PRESS UP TO 750# AND HELD, BLEED OFF PRESS, INSTALL CELLAR RING, BACK FILL.

INSTALL GAUGE IN 9 5/8" X 7" ANNULUS, WILL MONITOR PRESSURE.

Day 4

TC: \$19,690

11/16/99

AFE #28922 P&A. RU RIG, TALLY & PU RIH W/ 2 7/8" TBG TO 2,799', RU HOT OILER, CIRC WELL W/ HOT WATER, PRESS READING ON 9 5/8" X 7 5/8" CSG OF 800 PSI, POOH W/ TBG, MIRU CUTTERS RIH & SHOT 4 SQUEEZE HOLES @ 2,800', EST INJ RATE OF 1.3 BPM @ 600#, RIH W/ 7 5/8" WIRELINE SET CICR, SET @ 2,750', RDMO WIRELINE, SDFN. STILL UNABLE TO PMP OR FLOW PRESS OF 9 5/8" X 7 5/8" ANNULUS, TRIED PMP ACIDE THRU VALVE, STILL UNABLE TO PMP OR FLOW THRU VALVE.

Day 5

TC: \$26,313

11/17/99

AFE #28922 P&A. SICP 800#, PU RIH W/ STINGER ON 2 7/8" TBG, STING INTO CICR @ 2,750, 450 # ON TBG, FLOW BACK 80 BBLs WATER, STING OUT OF CICR, CIRC CGS W/ 80 BBLs HOT WATER, TRY TO BLEED PRES OFF 9 5/8" X 7 5/8" ANNULUS BLEED DOWN TO 500#, STING INTO CICR, PMP 70 SX CLASS G CMT ( 14.3 BBLs CMT) FLUSH W/ 2 BBLs, UN- STING FROM CICR, POOH LD. TBG TO 500', MIRU CUTTERS PERF 4 SQUEEZE HOLES @ 500', BLEED OFF 9 5/8 / 7 5/8 CSG, REMOVE VR PLUG FROM CSG, INSTALL 2" VALVE, EST CIRC, RIH SET CICR @ 450', RU DOWELL PMP 80 SX CMT ( 16 BBLs), UNSTING FROM CICR POOH LD TBG, TO 100', PMP 25 SX CMT (5BBLs) CMT TO SURF, POOH LD TBG, RDMO DOWELL, SDFN.

Day 6

TC: \$55,521

11/18/99

AFE #28922 P&A. ND BOP & TBG SPOOL, RD RIG, WELD ON DRY HOLE MARKER, CLEAN FLAT TANK.

Day 7

TC: \$59,344

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <u>Plugged &amp; Abandoned</u>		5. LEASE DESIGNATION AND SERIAL NO. Fee
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		7. UNIT AGREEMENT NAME CA #96-87
3. ADDRESS AND TELEPHONE NO. P.O. Box 1148, Vernal UT 84078 (435)-781-7023		8. FARM OR LEASE NAME, WELL NO. Allred #1-16A3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NENE At top prod. interval reported below 700' FNL & 1280' FEL At total depth		9. API WELL NO. 43-013-30232
14. PERMIT NO. 43-013-30232		10. FIELD AND POOL, OR WILDCAT Altamont
DATE ISSUED 6/11/73		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T1S, R3W
15. DATE SPUDDED 7/16/73	16. DATE T.D. REACHED 1/3/74	12. COUNTY OR PARISH Uintah County
17. DATE COMPL. (Ready to prod.) 11/7/99 P&A	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6319' GL, 6340' KB	13. STATE Utah
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 16065'	21. PLUG, BACK T.D., MD & TVD 16050'
22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* N/A
25. WAS DIRECTIONAL SURVEY MADE No	26. TYPE ELECTRIC AND OTHER LOGS RUN N/A	27. WAS WELL CORED No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	3005'	12 1/4"	1093 SX	
7 5/8"	26.4#, 29.7# 33.7#	13336'	8 3/4"	648 SX	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) N/A	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	N/A	

33.* PRODUCTION							
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD <u>Flowing, gas lift, pumping - size and type of pump</u> Plugged & Abandoned				WELL STATUS (Producing or shut-in) P&A	
DATE OF TEST N/A	HOURS TESTED -	CHOKE SIZE -	PROD'N. FOR TEST PERIOD	OIL - BBL. -	GAS - MCF. -	WATER - BBL. -	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	SPECIFIC GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Plugged & Abandoned on 11/17/99

35. LIST OF ATTACHMENTS  
Chronological Well History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Sheila Upchego TITLE Environmental Jr. Analyst DATE 2/2/00

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

37. SUMMARY OF POROUS ZONES; (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time to tool open, flowing and shut-in pressures and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH



February 3, 2000

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

RECEIVED  
FEB 07 2000  
DIVISION OF  
OIL, GAS AND MINING

**Attention: Ed Forsman/Wayne Bankert/Greg Darlington:**

Gentlemen:

Enclosed are the original and two copies of the Well Completions for the following well locations:

Allred #1-16A3 Plugged & Abandoned, NBU #256, NBU #294, Plugged & Abandoned.

If you should have any questions or need additional information, please do not hesitate to call me (435)-781-7024.

Sincerely,

Sheila Upchego  
Environmental Jr. Analyst

CC: : State of Utah  
Division of Oil & Gas & Mining  
Attention: Carroll Daniels  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1368 S 1200 E • P O BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

ALLRED 1-16A3  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH

Drilled by MAPCO to 16,065'. Ran liner f/13,042-16,050'.

1/28/74-

1/31/74 Ran tubing. IP'd @ 595 BO (in 9 hours) on 12/64" chk @ 4500 psi.

1Q75 Sqz liner lap.

4Q78 **Csg collapse @ ±8750'**. Plans called for pulling 7-5/8" csg and S/T to 12,000'. Complete in LGR. **Perfs 11,938-12,234' 2/79** (ended up producing 238 MBO f/perfs).

3Q82 **Recomplete to GR 'B' & 'C' zones 11,152-564'** (BHC-Sonic) 146 holes and acdz w/15,000 gal. **Water**. Set BP @ 11,410' but still wet.

11/10/99 **AFE #28922 P&A**. MIRU, ND WH, NU BOP, CIRC 2 3/8" & 2 7/8" TBG @ 250 DEG, 200#, UNTIL CLEAN, POOH LD 230 JTS 2 3/8" TBG. EOT @ 4800', FILL CSG W/ 180BBLs TPW, PMP 2 1/2 BPM @ 500#, BLED TO 0 IN 2 MIN. POSSIBLE CSG LEAK?

Day 1

TC: \$5,734

11/11/99 **AFE #28922 P&A**. FIN POOH LD 2 3/8" TBG, REL PKR POOH W/ 2 7/8" TBG, LD PMP CAVITY AND PKR, PU RIH W/ 7 5/8" CIBP ON TBG, EOT @ 4,000'. SDFN.

Day 2

TC: \$10,046

11/12/99 **AFE #28922 P&A**. FIN RIH W/ 2 7/8" TBG, SET CIBP @ 11,087', CIRC HOLE W/300 BBLs 9# BRINE, SET A BALANCE PLUG FROM 11,089 TO 10,989, POOH LD 2 7/8" TBG TO 4,397, RU DOWELL SET A BALANCED CMT PLUG FROM 4,397 - 4,271', PU HOLE TO 4,115' CIRC HOLE W/ 9# BRINE TO SURF, RIH TAG CMT PLUG @ 4271', POOH W/ 10 STDS TBG. SDFN.

Day 3

TC: \$15,815

11/13/99 **AFE #28922 P&A**. FIN POOH LD TBG TO 3,065', SPOT 42 SX CMT PLUG F/3,065' TO 2897', POOH LD 2 7/8" TBG, RD RIG, ND BOP, CHECK 7" X 9 5/8" ANNULUS, NO PRESS, PUSHED A 1" VALVE BAR THROUGH VALVE TO 7", CUT A 1/2" HOLE IN 9 5/8" CSG, 2' BELOW CASING HEAD, STARTED BLOWING OIL AND WATER, WELD 3" COLLAR OVER HOLE IN CSG, INSTALL 3" X 2" X/O AND 2" VALVE, TRY PMP INTO 7" X 9 5/8" ANNULUS, PRESS UP TO 750# AND HELD, BLED OFF PRESS, INSTALL CELLAR RING, BACK FILL. INSTALL GAUGE IN 9 5/8" X 7" ANNULUS, WILL MONITOR PRESSURE.

Day 4

TC: \$19,690

11/16/99 **AFE #28922 P&A**. RU RIG, TALLY & PU RIH W/ 2 7/8" TBG TO 2,799', RU HOT OILER, CIRC WELL W/ HOT WATER, PRESS READING ON 9 5/8" X 7 5/8" CSG OF 800 PSI, POOH W/ TBG, MIRU CUTTERS RIH & SHOT 4 SQUEEZE HOLES @ 2,800', EST INJ RATE OF 1.3 BPM @ 600#, RIH W/ 7 5/8" WIRELINE SET CIRC, SET @ 2,750', RDMO WIRELINE, SDFN. STILL UNABLE TO PMP OR FLOW PRESS OF 9 5/8" X 7 5/8" ANNULUS, TRIED PMP

ACIDE THRU VALVE , STILL UNABLE TO PMP OR FLOW THRU VALVE.

Day 5

TC: \$26,313

11/17/99 AFE #28922 P&A. SICP 800#, PU RIH W/ STINGER ON 2 7/8" TBG, STING INTO CICR @ 2,750, 450 # ON TBG, FLOW BACK 80 BBLS WATER, STING OUT OF CICR, CIRC CGS W/ 80 BBLS HOT WATER, TRY TO BLEED PRES OFF 9 5/8" X 7 5/8 ANNULUS BLEED DOWN TO 500#, STING INTO CICR, PMP 70 SX CLASS G CMT ( 14.3 BBLS CMT) FLUSH W/ 2 BBLS, UN- STING FROM CICR, POOH LD TBG TO 500', MIRU CUTTERS PERF 4 SQUEEZE HOLES @ 500', BLEED OFF 9 5/8 / 7 5/8 CSG, REMOVE VR PLUG FROM CSG, INSTALL 2" VALVE, EST CIRC, RIH SET CICR @ 450', RU DOWELL PMP 80 SX CMT ( 16 BBLS), UNSTING FROM CICR POOH LD TBG, TO 100', PMP 25 SX CMT (5BBLS) CMT TO SURF, POOH LD TBG, RDMO DOWELL, SDFN.

Day 6

TC: \$55,521

11/18/99 AFE #28922 P&A. ND BOP & TBG SPOOL, RD RIG, WELD ON DRY HOLE MARKER, CLEAN FLAT TANK.

Day 7

TC: \$59,344



**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: <b>MULTIPLE LEASES</b>
		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: <b>SEE ATTACHED</b>
2. NAME OF OPERATOR: <b>EL PASO PRODUCTION OIL AND GAS COMPANY</b> <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		PHONE NUMBER: (505) 344-9380
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		10. FIELD AND POOL, OR WILDCAT: <b>SEE ATTACHED</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: <b>UINTAH &amp; DUCHESNE</b>
		STATE: <b>UTAH</b>

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: <b>CHANGE OF OPERATOR</b>
	<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) <u>CHERYL CAMERON</u>	TITLE <u>AUTHORIZED REGULATORY AGENT</u>
SIGNATURE <i>Cheryl Cameron</i>	DATE <u>6/20/2006</u>

(This space for State use only)

**APPROVED** 7119106  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**RECEIVED**  
**JUL 05 2006**  
DIV. OF OIL, GAS & MINING

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**

**CDW**

**X - Change of Operator (Well Sold)**

**Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**6/1/2012**

<b>FROM: (Old Operator):</b> N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002  Phone: 1 (713) 997-5038	<b>TO: ( New Operator):</b> N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002  Phone: 1 (713) 997-5038
--	---

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- 4a. Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- 5a. (R649-9-2)Waste Management Plan has been received on:          Yes
- 5b. Inspections of LA PA state/fee well sites complete on:          N/A
- 5c. Reports current for Production/Disposition & Sundries on:          6/25/2012
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on:          BLM          N/A          BIA          Not Received
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:          N/A
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:          N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:          **Second Oper Chg**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on:          6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on:          6/29/2012
3. Bond information entered in RBDMS on:          6/29/2012
4. Fee/State wells attached to bond in RBDMS on:          6/29/2012
5. Injection Projects to new operator in RBDMS on:          6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on:          N/A

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:          103601420
2. Indian well(s) covered by Bond Number:          103601473
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number          400JU0705
- 3b. The **FORMER** operator has requested a release of liability from their bond on:          N/A

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:          6/29/2012

**COMMENTS:**

Disposal and Injections wells will be moved when UIC 5 is received.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**Multiple Leases**

**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       GAS WELL       OTHER \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

2. NAME OF OPERATOR:  
**El Paso E&P Company, L.P.**      Attn: **Maria Gomez**

8. WELL NAME and NUMBER:  
**See Attached**

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1001 Louisiana      CITY **Houston**      STATE **TX**      ZIP **77002**

PHONE NUMBER:  
**(713) 997-5038**

10. FIELD AND POOL, OR WILDCAT:  
**See Attached**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **See Attached**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

COUNTY:  
STATE: **UTAH**

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

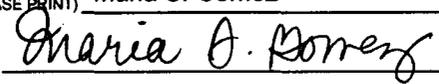
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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: <b>Change of</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>Name/Operator</b>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

  
Frank W. Falleri  
Vice President  
El Paso E&P Company, L.P.

  
Frank W. Falleri  
Sr. Vice President  
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez  
SIGNATURE 

TITLE Principal Regulatory Analyst  
DATE 6/22/2012

(This space for State use only)

**APPROVED** 6/29/2012  
Rachel Medina  
Division of Oil, Gas and Mining  
Erlene Russell, Engineering Technician  
Rachel Medina

(See Instructions on Reverse Side)

**RECEIVED**  
**JUN 25 2012**  
DIV. OF OIL, GAS & MINING

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERRHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

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UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

El Paso E3 Company, L.P. (N3065) to EP Energy E3 Company, L.P. (N3850) effective 6/1/2012

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P

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HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P

El Paso E5 Company, L.P. (N3065) to EP Energy E5 Company, L.P. (N3850) effective 6/1/2012

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHiodo 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

El Paso E6 Company, L.P. (N3065) to EP Energy E6 Company, L.P. (N3850) effective 6/1/2012

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA

El Paso E7 Company, L.P. (N3065) to EP Energy E7 Company, L.P. (N3850) effective 6/1/2012

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

El Paso E8 Company, L.P. (N3065) to EP Energy E8 Company, L.P. (N3850) effective 6/1/2012

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	