

**FILE NOTATIONS**

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

Checked by Chief *RWP*  
Approval Letter *9.17.73*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *11-5-74*  
W..... 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.....  
LHC Sonic GR..... Lat..... Mi-L..... Sonic.....  
CBLog..... CCLog..... Others.....

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

5. LEASE DESIGNATION AND SERIAL NO.  
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Tew

9. WELL NO.  
1-1B5

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE/4 NE/4 Section 1-T 2S-R 5W

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR Shell Oil Company (Rocky Mountain Div. Production)  
LVO, Altex, Barber Oil, Tenneco, W. Duncan, & S. Bennion

3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1558' FNL and 671' FEL Sec 1  
 At proposed prod. zone *MUSE NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
6 miles west of Altamont

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 238' from nearest lease line

16. NO. OF ACRES IN LEASE 81

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. No other wells on lease

19. PROPOSED DEPTH 15,200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6657 GL (Ungraded)

22. APPROX. DATE WORK WILL START\* 1st week October

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68#	300' ±	250 sx
12 1/4"	9 5/8"	40#	7,000' ±	600 sx
8 3/4"	7"	26#	12,000' ±	250 sx
6 1/8"	5" liner	18#	15,200' ±	275 sx

As per attached certified survey plat and Summary of Mud System Monitoring Equipment, BOP Equipment, and Mud.

*139.31 27.4*

Verbal approval to drill obtained from Schere<sup>1</sup> DeRose by Bruce Williams 9-7-73. *CC*

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 K. R. Jordan TITLE Division Operations Engr. DATE 9-12-73

(This space for Federal or State office use)

PERMIT NO. 43 013-30264 APPROVAL DATE \_\_\_\_\_

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

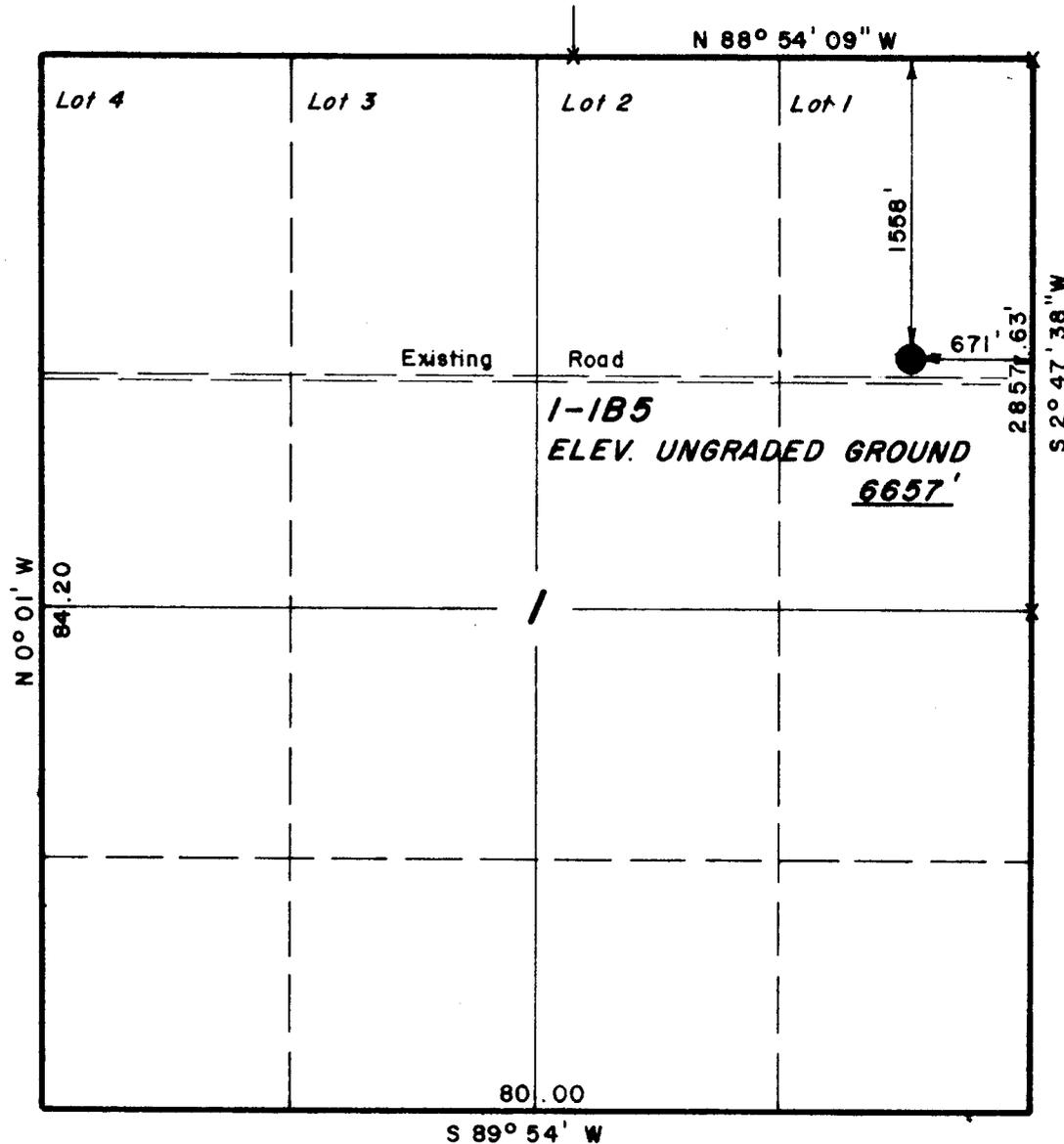
CONDITIONS OF APPROVAL, IF ANY:

PROJECT

**SHELL OIL COMPANY**

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

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



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.

*Gene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE June 9, 1973
PARTY G.S. M.S. S.S.	REFERENCES GLO Plat
WEATHER Warm	FILE SHELL 1973

X = Section Corners Located

Mud System Monitoring Equipment

Equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing intermediate string or upon reaching a depth at which abnormal pressures could occur.

BOP Equipment

300' - 7,000' - Rotating head  
7,000' - TD - 3-ram type BOP's and 1 bag type  
5000# working pressure  
Tested when installed. Operative every trip and tested to 5,000 psi every 14 days. All information recorded on Tour sheets and daily drilling wire.

Mud

Surface - 10,500' - Clear water  
Circulate reserve pit  
Flocculate as necessary  
10,500' - TD - Weighted gel chemical

September 17, 1973

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

Re: Well No's:  
✓ Shell et al Tew #1-1B5,  
Sec. 1, T. 2 S, R. 5 W,  
Shell-Gulf-Evans #1-19B3,  
Sec. 19, T. 2 S, R. 3 W,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4.

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:

#1-1B5: 43-013-30264 and #1-19B3; 43-013-30265

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company (Rocky Mtn Div Production) Walter Duncan		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		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 1929' FNL and 1358' FSL Sec 10		8. FARM OR LEASE NAME Tew
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6933 GL	9. WELL NO. 1-10B5
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 10-T 2S-R 5W
		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 & ACIDIZE <input checked="" 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.)\*

As per attached prognosis

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 1-29-74  
BY C.B. [Signature]

18. I hereby certify that the foregoing is true and correct. For: J. S. Mize  
SIGNED [Signature] TITLE Division Operations Engr. DATE 1-5-74

(This space for Federal or State office use)

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



PERFORATION AND STIMULATION PROGNOSIS

TEW 1-10B5

- a. Pump 105 bbls 15% HCl at a maximum rate of 8 BPM. Do not exceed 8900 psi sfc press.
- b. Drop one 7/8" RCN ball sealer (S.G. - 1.24) then pump 7 bbls 15% HCl.
- c. Repeat Step b 109 more times for a total of 763 bbls acid and 109 ball sealers.
- d. Pump 30 bbls acid.
- e. Flush w/5000 gals (119 bbls) fresh wtr containing 165# NaCl and 3 gals G-10/1000 gals.

NOTE: If ballout occurs before all acid is injected into the formation, pressure up to 9500 psi, hold for 3 minutes, bleed back and inject remainder of acid. Hold 3500 psi on csg-tbg annulus. Heat all fluids to 80°F.

- 3. Run GR log over perforated interval *if advised by me.*
- 4. Flow off for cleanup.
- 5. If possible, turn well to battery immediately after cleanup and produce uninterrupted at high rates for about one week.
- 6. Run BHP as required.

*NJM*

NJM:drr

*B. L. Faulk*

B. L. Faulk

7aw

8/21/73

Div. O. E.

K. R. Jordan

Div. P. E.

E. S. D.

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

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

5. LEASE DESIGNATION AND SERIAL NO. Patented	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Tew	
9. WELL NO. 1-10B5	
10. FIELD AND POOL, OR WILDCAT Altamont	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 10-T2S-R5W	
12. COUNTY OR PARISH Duchesne	13. STATE Utah

**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  
Shell Oil Company (Western Division)  
Walter Duncan

3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1929' FNL and 1358' FSL Section 10

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6933 GL, 6960 KB

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

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

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

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

As per attached report

I hereby certify that the foregoing is true and correct

SIGNER *Walter* TITLE For: J. S. Mize DATE 1/21/74  
Division Operations Engr.

(This space for Federal or State office use)

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

Shell-Duncan-Tew 1-10B5  
(Perf and AT)

TD 14,326. PB 14,316. Flowing. On 24-hr test, flwd  
207 BO, 35 BW and 476 MCF gas on 24/64" chk w/50 psi  
FTP and zero CP. SEP 12 1973

Shell-Duncan-Tew 1-10B5  
(Perf and AT)

TD 14,326. PB 14,316. Flowing. REPERFORATION AND  
ACID TREATMENT OF WASATCH PERFS COMPLETE. On 24-hr  
test 8/23/73, prior to work, flwd 147 BO, 15 BW and  
166 MCF gas on 12/64" chk w/200 psi FTP and zero CP  
from Wasatch perfs 12,334-14,285. On 24-hr test  
9/12/73, flwd 195 BO, 30 BW and 476 MCF gas on 24/64"  
chk w/50 psi FTP and zero CP from Wasatch perfs 11,982-  
14,285. SEP 13 1973  
FINAL REPORT.

Shell-Duncan-Tew 1-10B5  
(Perf & AT)

TD 14,326. PB 14,316.  
9-1: Flowing. Flowed to pit an est 150 BO, 250 EW,  
and GOR 300 in 8 hrs on 64/64" chk w/TP from  
150-50. Removed 10,000# Xmas tree and installed  
5000#. SI 2 hrs. Tbg built to 850 psi. Turned  
to battery. On 12-hr test, flowed 333 BO, 200  
LW, GOR 600, on 38/64" chk w/TP from 400-100 psi.

Flowing tests are as follows:

<u>Date</u>	<u>Hr Test</u>	<u>BO</u>	<u>BW</u>	<u>MCF</u>	<u>CHK</u>	<u>FTP</u>	<u>CP</u>	
9-2	18	495	283	594	24/64"	150	0	SEP 4 1973
9-3	24	351	207	476	"	200	0	
9-4	24	340	154	522	"	150	0	

Shell-Duncan-Tew 1-10B5  
(Perf & AT)

TD 14,326. PB 14,316. Flowing. On 24-hr test, well  
flowed 351 BO, 136 BW, and 588 MCF on 64/64" chk w/  
FTP 200 and 0 CP. SEP 5 1973

Shell-Duncan-Tew 1-10B5  
(Perf & AT)

TD 14,326. PB 14,316. Flowing. On 24-hr test, well  
flowed 346 BO, 126 BW, and 588 MCF on 24/64" chk w/150  
FTP and 0 CP. SEP 6 1973

Shell-Duncan-Tew 1-10B5  
(Perf & AT)

TD 14,326. PB 14,316. Flowing. On 24-hr test, flowed  
350 BO, 112 BW, and 522 MCF on 24/64" chk w/100 FTP  
and 0 CP. SEP 7 1973

Shell-Duncan-Tew 1-10B5  
(Perf & AT)

TD 14,326. PB 14,316. Flowing. On 24-hr tests, well  
flowed as follows:

<u>Date</u>	<u>HR Test</u>	<u>BO</u>	<u>BW</u>	<u>MCF</u>	<u>CHK</u>	<u>FTP</u>	<u>CP</u>	
9-8	24	330	93	668	24/64	100	0	SEP 10 1973
9-9	24	330	70	718	24/64	50	0	
9-10	24	289	65	483	24/64	100	0	

Shell-Duncan-Tew 1-10B5  
(Perf and AT)

TD 14,326. PB 14,316. Flowing. On 24-hr test, flwd  
243 BO, 50 BW and 580 MCF gas on 24/64" chk w/50 psi  
FTP and zero CP. SEP 11 1973

PERF AND AT

ALTAMONT

SHELL OIL COMPANY-DUNCAN-

LEASE

TFW

WELL NO.

1-10B5

DIVISION

ROCKY MOUNTAIN

ELEV

6960 KB

FROM: 8-30 - 9-13-73

COUNTY

DUCHESNE

STATE

UTAH

UTAH

ALTAMONT

Shell-Duncan-Tew 1-10B5  
(Perf and AT)

"FR" TD 14,326. PB 14,316. Prep to AT. AFE #584370 provides funds to perf and AT. RU OWP on 8/29/73. Perf'd 1 hole each unidirectionally using magnetic decentralized 2" steel tube carrier gun w/JRC-DP Side-winder charges. Depths to 12,134 refer to CNL-GR log dated 1/8/73 and depths below 12,134 refer to CNL-GR log dated 2/3/73. Run #1: 14,128, 14,126, 14,125, 14,008, 14,007, 13,967, 13,965, 13,964, 13,963, 13,962, 13,940, 13,924, 13,922, 13,921, 13,920, 13,907, 13,895, 13,893, 13,892, 13,866, 13,865, 13,864, 13,862, 13,861, 13,860, 13,700, 13,699, 13,698, 13,697, 13,695, 13,694, 13,693, 13,692, 13,691, 13,547, 13,479, 13,477, 13,476, 13,446, 13,445, 13,443, 13,442. Beginning and ending press 700 psi. Run #2: 13,439, 13,438, 13,397, 13,359, 13,354, 13,302, 13,301, 13,299, 13,298, 13,281, 12,939, 12,742, 12,741, 12,733, 12,703, 12,686, 12,684, 12,683, 12,546, 12,544, 12,543, 12,542, 12,513, 12,511, 12,502, 12,501, 12,500, 12,496, 12,362, 12,361, 12,335, 12,333, 12,332, 12,331, 12,071, 12,070, 12,069, 11,992, 11,985, 11,982. Press from 700 to 725 psi. Did not perf 14,284 - could not get below 14,251. RD OWP. AUG 30 1973

Shell-Duncan-Tew 1-10B5  
(Perf and AT)

TD 14,326. PB 14,316. Prep to flow to pit. TP 650 psi. RU B-J and AT gross perfs 11,982-14,285 w/38,000 gal 15% HCl. Each 1000 gal contained 3 gal G-10, 3 gal C-15, 3 gal J-22, 1# radioactive sd, 30# OS-160 Wide Range Unibeads and 30# OS-160 Button Unibeads. Flushed w/5000 gal FW. Each 1000 gal flush contained 165# NaCl and 3 gal G-10. Pmpd acid as follows: Pmpd 105 bbls acid, dropped one 7/8" RCN ball sealer w/1.24 gr, pmpd 7 bbls acid. Repeated one ball and 7 bbls acid 109 times. Pmpd 30 bbls acid followed by flush. Max press 8950 psi, avg 6800 psi, min 3900 psi. Max rate 8.5 B/M, avg 7.4 B/M, min 4.75 B/M. ISIP 5200 psi decr to 4800 psi in 5 min to 4700 psi in 10 min to 4500 psi in 15 min to 4200 psi in 20 min to 1000 psi in 4 hrs. Ball and bead action - gradual buildup. RD B-J. RU OWP and ran GR log over perf'd interval. Log indicated 2 btm zns not taking fluid. RD OWP. AUG 31 1973

SUEMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tew

9. WELL NO.

1-1B5

10. FIELD AND POOL, OR WILDCAT

Altamont

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

NE/4 NE/4 Section 1-T2S-R5W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

19. ELEV. CASINGHEAD

6644'

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  
Shell Oil Company

3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1558' FNL and 671' FEL Section 1  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-013-30264 DATE ISSUED 9/17/73

15. DATE SPUNDED 12/20/73 16. DATE T.D. REACHED 3/8/74 17. DATE COMPL. (Ready to prod.) 7/5/74 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6684 KB, 6647 GL 19. ELEV. CASINGHEAD 6644'

20. TOTAL DEPTH, MD & TVD 15,200 21. PLUG, BACK T.D., MD & TVD 15,188 22. IF MULTIPLE COMPL., HOW MANY\* 7 23. INTERVALS DRILLED BY → Total 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 13,276-15,153 (gross interval) All wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHS-GR, DIL, FDC/CNL-GR, CBL, VDL and PDC 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	68#	300'	17-1/2"	420 cu ft	0
9-5/8"	40#	7,140'	12-1/4"	900 cu ft	0
7"	26#	11,862'	8-3/4"	580 cu ft	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,659	15,198	-	2-7/8"	11,665'	11,632'

31. PERFORATION RECORD (Interval, size and number) 13,276-15,153 (97 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,276-15,153	25,284 gal 15% HCl (6/18/74)
13,276-15,153	8,020 gal My-T-Frac w/48,300#
	20-40 sd (6/20/74)

(See Attachment)

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7/6/74	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/22/74	24	18/64"	→	1593	1465	18	920
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2750 psi	0	→	1593	1465	18	44.0	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Altamont Gas Plant TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Well History Report

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

SIGNED T.S. Mize TITLE Division Operations Engr. DATE 8/6/74

Shell-LVO-Altex-Barber  
 Oil-Tenneco-W. Duncan-  
 S. Bennion-Tew 1-1B5  
 (D)  
 15,200' Wasatch Test  
 KB 6684', GL 6647'  
 5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On various tests,  
 flwd as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	FTP
7/20	12	778	7	854	18-34/64	3100
7/21	24	1344	3	1661	18-34/64	2800
7/22	24	324	11	256	18-34/64	3000 *

\*Waxed off

JUL 22 1974

Shell-LVO-Altex-Barber  
 Oil-Tenneco-W. Duncan-  
 S. Bennion-Tew 1-1B5  
 (D)  
 15,200' Wasatch Test  
 KB 6684', GL 6647'  
 5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd  
 1593 BO, 18 BW and 1465 MCF gas on 18-34/64" chk w/2750  
 psi FTP.

JUL 23 1974

Shell-LVO-Altex-Barber  
 Oil-Tenneco-W. Duncan-  
 S. Bennion-Tew 1-1B5  
 (D)  
 15,200' Wasatch Test  
 KB 6684', GL 6647'  
 5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd  
 355 BO, no wtr and 628 MCF gas on 20-34/64" chk w/3300  
 psi FTP.

JUL 24 1974

Shell-LVO-Altex-Barber  
 Oil-Tenneco-W. Duncan-  
 S. Bennion-Tew 1-1B5  
 (D)  
 15,200' Wasatch Test  
 KB 6684', GL 6647'  
 5" liner @ 15,198'

TD 15,200. PB 15,188. SI for oil proration. OIL WELL  
 COMPLETE. On 24-hr test 7/22/74, flwd 1593 BO, 18 BW  
 and 1465 MCF gas (GOR 920) on 18/64" chk w/2750 psi FTP  
 from Wasatch, Flagstaff and North Horn perms 13,276,

13,277, 13,278, 13,352, 13,353, 13,354, 13,355, 13,356,  
 13,357, 13,402, 13,403, 13,404, 13,405, 13,474, 13,475,  
 13,476, 13,477, 13,478, 13,502, 13,503, 13,504, 13,505,  
 13,506, 13,507, 13,508, 13,509, 13,518, 13,519, 13,543,  
 13,544, 13,545, 13,724, 13,725, 13,726, 13,727, 13,728,  
 13,729, 13,730, 13,731, 13,850, 13,851, 13,852, 13,853,  
 13,891, 13,934, 13,935, 13,936, 13,937, 13,947, 13,948,  
 13,949, 14,036, 14,037, 14,038, 14,347, 14,348, 14,349,  
 14,525, 14,526, 14,658, 14,659, 14,660, 14,661, 14,662,  
 14,756, 14,757, 14,758, 14,847, 14,848, 14,849, 14,852,  
 14,853, 14,854, 14,855, 14,856, 14,952, 14,953, 14,954,  
 14,955, 14,956, 15,035, 15,036, 15,097, 15,098, 15,099,  
 15,100, 15,101, 15,102, 15,103, 15,104, 15,146, 15,147,  
 15,148, 15,150, 15,151, 15,152, 15,153.

Oil Gravity: 44.0 deg at 60 deg F.

Compl Test Date: 7/22/74. Initial Prod Date: 7/6/74.

Elev: 6684 KB, 6647 GL.

Log Tops: TGR3 10,023 (-3339)  
 WASATCH 11,443 (-4759)  
 FLAGSTAFF 13,550 (-6866)  
 NORTH HORN 15,074 (-8390)

JUL 25 1974

This well was drilled for routine development.  
 FINAL REPORT.

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. MI&RU OWP on 7/11/74.  
Ran GR tracer log over interval 11,500-14,840. Sand  
fillup at 14,840. Log indicated small amt or no radio-  
active material in fm. Opened well to tank battery.  
On 18-hr test, flwd 1285 BO, 6 BW and 1476 MCF gas on  
16-30/64" chk w/3800 psi FTP and zero CP. JUL 12 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

7/13: TD 15,200. PB 15,188. Flowing. On 24-hr test,  
flwd 846 BO, 2 BW, 2241 MCF gas on 16-30/64" chk w/3500  
psi FTP and zero CP.  
7/14: TD 15,200. PB 15,188. Flowing. On 24-hr test,  
flwd 1188 BO, 8 BW, 1454 MCF gas on 16-30/64" chk w/3600  
psi FTP and zero CP.  
7/15: TD 15,200. PB 15,188. Flowing. On 24-hr test,  
flwd 1357 BO, 8 BW, 2055 MCF gas on 16-30/64" chk w/3500  
psi FTP and zero CP. JUL 15 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd  
1575 BO, 12 BW and 2181 MCF gas on 18-34/64" chk w/  
3000 psi FTP. JUL 16 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd  
1617 BO, 8 BW and 1445 MCF gas on 18-34/64" chk w/2900  
psi FTP. JUL 17 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd  
1776 BO, 9 BW and 1426 MCF gas on 18/64" chk w/3000  
psi FTP. JUL 18 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd  
1444 BO, 11 BW and 1446 MCF gas on 18-34/64" chk w/3000  
psi FTP. JUL 19 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188.

7/4: Prep to flow. RU Newsco and pmpd N2 down back side through valves. Kicked well off. Flwd 30 min, rec'g sd and oil. Cut out chk. TP 5100 psi. Changed chk and tried to open well, cutting out chk body in 30 sec.

7/5: SI over holiday.

JUL 5 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188.

7/6: Flowing. Installed new 10,000# chk and high press welded connections. Opened well to pit, flwg hvy gelled oil and sd by heads 45 min on 32/64" chk. Well clnd up and flwd 2 hrs on 64/64" chk w/800 psi TP. After 2 hrs, rec'd 9 ball sealers and sd - cut out connection. SI 45 min and changed out connection. TP 5200 psi. Opened to pit 1 hr on 64/64" chk w/800 psi TP. Changed Xmas tree gauge and turned well to tank battery for production.

7/7: Flowing. On 10-hr test, flwd 485 BO, 4 BW and 540 MCF gas on 14-32/64" chk w/5200 psi FTP and zero CP.

7/8: Flowing. On 24-hr test, flwd 1662 BO, 85 BW and 1962 MCF gas on 16-30/64" chk w/4500 psi FTP and zero CP.

JUL 8 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd 1697 BO, 7 BW and 1837 MCF gas on 16-30/64" chk w/4000 psi FTP and zero CP.

JUL 9 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd 1512 BO, 3 BW and 1789 MCF gas on 16-30/64" chk w/3900 psi FTP and zero CP.

JUL 10 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Flowing. On 24-hr test, flwd 1320 BO, 8 BW and 1715 MCF gas on 16-30/64" chk w/3800 psi FTP and zero CP.

JUL 11 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. SI for BHP.

JUN 26 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. SI for BHP.

JUN 27 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. SI for BHP.

JUN 28 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. SI for BHP.

JUL 1 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. SI for BHP.

JUL 2 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Prep to circ well w/Newsco.  
RU slick line and pulled dummies from mandrel at  
3087 (WL measurement). Installed valve and set at  
1395#. Pulled dummy from mandrel at 5484 (WL  
measurement). Installed valve and set at 1355#.  
RD slick line.

JUL 3 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Prep to flow to pit. SITP  
4500 psi. MI&RU B-J and AT gross perms 13,276-15,153  
w/25,284 gal 15% HCl. All acid contained the following  
per 1000 gal except the last 10 bbls: 3 gal G-10, 3 gal  
C-15, 3 gal J-22, 30# OS-160 Wide Range Unibeads and  
30# OS-160 Button Unibeads. The last 10 bbls did not  
contain Unibeads. Flushed w/5334 gal prod wtr w/each  
1000 gal containing 3 gal G-10. Pmpd trtmt as follows:  
Pmpd 10 bbls acid, dropped one 7/8" RCN ball sealer w/  
1.24 gr, pmpd 3 bbls acid. Repeated one ball sealer  
and 3 bbls acid 193 times. Pmpd 10 bbls acid followed  
by flush. Max press 10,000 psi, min 7000 psi, avg 9000  
psi. Max rate 14 B/M, min 1/2 B/M, avg 10 B/M. ISIP  
4900 psi decr to 4500 psi in 5 min, to 4200 psi in 10  
min, to 4000 psi in 15 min, to 3800 psi in 20 min. With  
433 bbls and 109 balls on fm, rate 1/2 B/M, press 9200  
psi, had 1200 psi break. Pmpd remainder of job at 5 to  
7 B/M at 8000-10,000 psi. JUN 19 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Prep to sand frac. TP 4000  
psi. Flwd to pit 4-1/2 hrs on 64/64" chk w/850 psi  
TP, flwg est 650 BO and 350 BW, GOR 750. Last hr,  
flwd est 225 BO and no wtr on 64/64" chk w/850 psi TP,  
GOR 750. SI w/5100 psi TP. JUN 20 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Prep to flow. TP 5200 psi.  
MI&RU Hal. Frac trtd perms 13,276-15,153 w/10# sd/gal  
of #80-90 frac gel. Pmpd 1000 gal My-T-Frac gel pad  
followed by 7020 gal sand laden My-T-Frac gel before  
sanding out. Pmpd total of 8020 gal My-T-Frac con-  
taining 48,300# 20-40 sd, tagged w/20-40 mesh irradiated  
sand. Inj rate of sand laden frac fluid in formation  
12 B/M. Press 9200 psi decr to 8700 psi and incr to  
10,000 psi. Avg 9100 psi. ISIP 10,000 psi, decr to  
6600 psi in 5 min, to 5600 psi in 10 min, to 4950 psi  
in 15 min, to 4500 psi in 20 min. JUN 21 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188.  
6/22: SI. TP 2500 psi. Opened well to pit and flwd  
approx 20 BW and well died. RU Newsco 1" coil tbg  
unit and ran to 9350'. Circ w/wtr, no sand. Tbg  
developed leak at 9350. Pulled out of hole - well dead.  
RD Newsco. JUN 24 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6647'  
5" liner @ 15,198'

TD 15,200. PB 15,188. Running BHP. JUN 25 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188.  
4/12: Installing 10,000# Xmas tree. Finished running  
prod eqmt as follows: Baker Model "C" expendable plug  
holder w/Model "B" pushout plug in place tested to 7500  
psi in both directions w/tail at 11,665, 59' x 2-7/8"  
NU, N-80 nonperf'd prod tube, Baker anchor seal assembly  
w/2 seal units, Baker "EL" on-off connector w/Otis 2.313"  
N-nipple and 2.255" no-go, 4' sub w/7" centralizer, 3 jts  
tbg, mandrel #7HO-917 w/top at 11,521, 10 jts tbg,  
mandrel #48HO-912 w/top at 11,020, 19 jts tbg, mandrel  
#11HO-917 w/top at 10,597, 28 jts tbg, mandrel #9HO-917  
w/top at 9711, 23 jts tbg, mandrel #10HO-917 w/top at  
8982, 25 jts tbg, mandrel #9HO-917 w/top at 8190, 38  
jts tbg, mandrel #6HO-912 w/top at 6989, 54 jts tbg,  
mandrel #19HO-919 w/top at 9285, 76 jts tbg, mandrel  
#6HO-913 w/top at 2890, 90 jts tbg, 8' sub, three 6'  
subs, 2' sub, and 1 jt tbg. All tbg and subs 2-7/8"  
EUE 8rd, N-80 and all mandrels Camco KBMG w/Type E  
dummies w/KB-2 latches. Latched into pkr, jayed off  
on-off connector, circ fresh trtd wtr in annulus and  
sptd lease salt wtr in tbg. Latched onto on-off  
connector, spaced out and landed tbg w/2000# set-down  
wt. Press tested tbg to 7500 psi for 1 hr, losing 75  
psi.

4/13: SI, WO tank battery. Installed BPV, removed  
BOP, installed 10,000# Xmas tree and tested to 10,500  
psi, OK. Removed BPV. Released rig at 4 PM, 4/12/74.  
RU slick line and knocked out Baker knockout plug and  
chased to PBTD.

(Reports discontinued until further activity.)

APR 15 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188. (RRD 4/15/74). Prep to AT.  
RU OWP 6/17/74 and perf'd 1 hole at each of the  
following depths using top, middle and btm magnetically  
decentralized 2" steel tube carrier gun w/Harrison RT  
charges. Depths refer to CNL/FDC log dated 3/8/74.  
Run #1: 13,276, 13,277, 13,278, 13,352, 13,353, 13,354,  
13,355, 13,356, 13,357, 13,402, 13,403, 13,404, 13,405,  
13,474, 13,475, 13,476, 13,477, 13,478, 13,502, 13,503,  
13,504, 13,505, 13,506, 13,507, 13,508, 13,509, 13,518,  
13,519, 13,543, 13,544, 13,545, 13,724, 13,725. Press  
90 psi throughout. Run #2: 14,848, 14,849, 14,852,  
14,853, 14,854, 14,855, 14,856, 14,952, 14,953, 14,954,  
14,955, 14,956, 15,035, 15,036, 15,097, 15,098, 15,099,  
15,100, 15,101, 15,102, 15,103, 15,104, 15,146, 15,147,  
15,148, 15,150, 15,151, 15,152, 15,153. Press from 100-  
280 psi. Run #3: 13,726, 13,727, 13,728, 13,729, 13,730,  
13,731, 13,850, 13,851, 13,852, 13,853, 13,891, 13,934,  
13,935, 13,936, 13,937, 13,947, 13,948, 13,949, 14,036,  
13,037, 14,038, 14,347, 14,348, 14,349, 14,525, 14,526,  
14,658, 14,659, 14,660, 14,661, 14,662, 14,756, 14,757,  
14,758, 14,847. Press from 40-800 psi, bleeding press  
down. Perf'd total of 97 holes.

JUN 18 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Western Oilwell  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,154. Prep to DO. Finished picking up tbg, running to PBTD. Circ out 14.8 ppg mud as follows: 250 gal B-J Mud Flush followed by 500 BFW, 150 gal Mud Flush and 600 BFW. SI and observed for flowback. Press tested to 5000 psi. RU power swivel.

APR 4 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Western Oilwell  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,164. Drilling. Drld on rubber plug, FC and from 15,154-15,164.

APR 5 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188.  
4/6: SI. Drld from 15,164-15,176. Circ hole cln. Sptd 2% NaCl wtr in liner. Press tested csg to 5000 psi, OK. Pulled 4-1/8" bit, 2-7/8" tbg tail and 7" scraper. Lost 3 bit cones in hole. RU OWP and ran CBL, VDL and PDC logs from 8260-15,188. Held 3000 psi on csg while running CBL and VDL. Cmt top at 8634. Bonding good except btm 200' which had poor bonding. Set Baker Model "D" pkr w/flapper w/top at 11,632. RD OWP. SD and moved rig crew to another location.

APR 8 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188. SI. (Reports discontinued until further activity.)

APR 9 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,188. (RRD 4/9/74). Running prod eqmt. Ran 107 jts 5-1/2", 14#, K-55 csg heat string w/Type I special turned down clearance cplgs w/tail at 4546. Installed BPV, removed BOP, installed 6" 5000 psi x 10" 5000 psi tbg spool, installed BOP and tested to 5000 psi, OK. Removed BPV and started running prod eqmt.

APR 11 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

15,200/68/85/0. WOC. Tripped for bit and scraper.  
Tagged soft cmt after CIP 9 hrs, 17 hrs, 21 hrs and  
25 hrs.  
Mud: (.769) 14.8 x 50

MAR 15 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

3/16: 15,200/68/86/0. Going in to CO liner. WOC until  
5 PM. Drld cmt and tested liner lap to 1600 psi, OK.  
Circ out and retested liner lap to 1600 psi, OK. Picked  
up 2-3/8" DP and started in hole.

Mud: (.769) 14.8 x 49

3/17: 15,200/68/87/0. PB. 15,154. Tripped in to top  
of liner and CO to 15,154 (FC). Circ out and tested  
liner to 1600 psi for 15 min, OK. Made up M&M sqz tool  
and went in hole to 11,500. Displaced mud w/wtr to  
11,000' and inflow tested OK. Set tool at 8600' and  
tested annulus to 2600 psi for 15 min. Pulled to 5600'  
and tested annulus to 3625 psi.

Mud: (.769) 14.8 x 49

3/18: 15,200/68/88/0. PB 15,154. RDRT. Tested csg  
at 2600' to 4650 psi for 15 min, OK. Pulled out of  
hole and laid down pkr. Went in hole and laid down  
DP. RD BOP.

Mud: (.769) 14.8 x 49

MAR 18 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D)  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,154. MORT. Finished RD BOP.  
Installed Xmas tree w/BPV. Released rig at 12 noon,  
3/18/74. (RDUFA)

MAR 19 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Western Oilwell  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,154. (RRD 3/19/74). RUCR. MI  
Western Oilwell Service Company Rig No. 16.

APR 2 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Western Oilwell  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

TD 15,200. PB 15,154. Picking up tbg. RUCR.  
Installed BOP and tested to 5000 psi, OK. Unloaded  
and tallied tbg. Picked up 4-1/8" bit, 3528' of  
2-7/8" tbg work string, 7" scraper and started  
picking up new tbg.

APR 3 - 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

15,178/68/78/117. Drilling. Background gas: 5-30  
units. Connection gas: 50-140 units.  
Mud: (.769) 14.8 x 48 x 2.3 (4#/bbl LCM)

MAR 8 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

3/9: 15,200/68/79/22. Logging. Circ and cond mud  
4-3/4 hrs for logs. RU Schl to log DIL and CNL-FDC.  
Had problems w/downhole tools, film and panels. Trying  
to get Sonic to work. Logger's TD 15,202.  
Mud: (.769) 14.8 x 47 x 2.2 (3.8#/bbl LCM)

3/10: 15,200/68/80/0. WOC. Logged Sonic log. Tripped  
in w/liner to shoe and circ up 150 units gas at 7" shoe.  
Tripped to btm and circ up. Ran 89 jts 5", 18#, SFJ-P  
liner w/Baker shoe @ 15,198, FC @ 15,154 and Burns plain  
hanger w/top @ 11,659. With 3 BW ahead, B-J cmtd w/470  
cu ft Class "G" w/2% gel, 30% silica flour and 1.5%  
friction reducer. Bumped plug w/141 bbls mud at 3000  
psi. CIP @ 4:05 AM, 3/10. Good circ. Background gas:  
40 units. Trip gas: 1100 units.

3/11: 15,200/68/81/0. Drilling cmt. Tripped in to  
top of cmt at 11,200. DO firm cmt to 11,350.

Mud: (.769) 14.8 x 48 x 2.3 (2.7#/bbl LCM)

MAR 11 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

15,200/68/82/0. Squeezing liner lap. Drld cmt and  
circ. Ran in w/RTTS to 11,359. Sqzd liner lap w/  
300 sx Class "G" w/0.4% R-5.  
Mud: (.769) 14.8 x 47

MAR 12 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

15,200/68/83/0. WOC. CIP at 5 AM, 3/12. Tripped out  
w/RTTS tool. WOC 15-1/4 hrs. Tagged cmt at 11,335 and  
CO to 11,535. Cond mud and WOC.  
Mud: (.769) 14.8 x 48

MAR 13 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
5" liner @ 15,198'

15,200/68/84/0. Pulling out. WOC 9 hrs. Drld cmt  
to 11,659. Circ out cmt and cond mud. Tested liner  
lap to 1600 psi, breaking back to 700 psi before  
pulling. Howco sqzd liner lap w/300 sx Class "G" cmt  
retarded 3 hrs w/HR-4 w/press building to 2500 psi.  
CIP at 5:30 AM. Dry pulled w/o reversing.  
Mud: (.769) 14.8 x 49

MAR 14 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

14,420/68/70/114. Drilling. Background gas: 20-140  
units. Connection gas: 50-400 units.  
Mud: (.764) 14.7 x 51 x 2.2 (7.15#/bbl LCM)

MAR 8 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

14,531/68/71/111. Drilling. Background gas: 15-30  
units. Connection gas: 40-60 units.  
Mud: (.764) 14.7+ x 48 x 2.0 (5.75#/bbl LCM)

MAR 1 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

3/2: 14,641/68/72/110. Drilling. Background gas:  
10-15 units. Connection gas: 40-80 units.  
Mud: (.764) 14.7 x 52 x 2.0 (6.2#/bbl LCM)  
3/3: 14,752/68/73/111. Drilling. Background gas:  
5-30 units. Connection gas: 50-150 units.  
Mud: (.764) 14.7 x 50 x 2.0 (5.7#/bbl LCM)  
3/4: 14,842/68/74/90. Drilling. Background gas:  
22-86 units. Connection gas: 70-180 units.  
Mud: (.764) 14.7 x 48 x 2.0 (4.9#/bbl LCM)

MAR 4 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

14,884/68/75/42. Tripping. Twisted off at top of tool  
jt 23 stds down. Fished 4 hrs. Tripped out to check  
drill string, changed bit, circ up at shoe and started  
staging in.  
Mud: (.764) 14.7 x 46 x 2.0 (5.1#/bbl LCM)

MAR 5 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

14,968/68/76/84. Drilling. Finished staging in.  
Background gas: 40-120 units. Max trip gas: 900 units.  
Max connection gas: 240 units.  
Mud: (.769) 14.8 x 49 x 2.2 (4.5#/bbl LCM)

MAR 6 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

15,061/68/77/93. Drilling. Background gas: 30-90  
units. Connection gas: 100-200 units.  
Mud: (.769) 14.8 x 50 x 2.4 (3.25#/bbl LCM)

MAR 7 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,882/68/63/100. Drilling. No mud loss. Drlg break  
from 13,252-262 w/gas from 20-30 units. Background gas:  
5-15 units. Connection gas: 20 units.  
Mud: (.759) 14.6 x 53 x 3.0 (8.25#/bbl LCM)

FEB 21 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,997/68/64/115. Drilling. Lost 50 bbls mud. Back-  
ground gas: 5-22 units. Connection gas: 45 units.  
Mud: (.759) 14.6 x 52 x 3 (7.9#/bbl LCM)

FEB 22 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

2/23: 14,010/68/65/13. Drilling. Tripped for bit at  
14,010 and magnafluxed DC's finding three vertical  
cracked boxes on #2, #12 and #15 DC's. Staged in w/new  
bit and circ @ 10,000, 11,300, 12,600 and 14,010. Back-  
ground gas: 5-18 units. Connection gas: 45 units.  
Max trip gas: 700 units. Mud cutting from 14.6 to 13.7  
PPG.

Mud: (.759) 14.6 x 52 x 2.5 (7.2#/bbl LCM)

2/24: 14,083/68/66/73. Drilling. No mud loss. Back-  
ground gas: 3-30 units. Connection gas: 40 units.

Mud: (.759) 14.6 x 54 x 2.3 (8.8#/bbl LCM)

2/25: 14,118/68/67/35. Drilling. Tripped for new bit  
at 14,090. Staged in and circ @ 10,000, 11,300, 12,600  
and 14,090 and resumed drlg. Background gas from 14,090-  
14,100: 800-1200 units and from 14,100-14,118: 480 units.  
Connection gas: 725 units. Trip gas: 850 units.

Mud: (.759) 14.6 x 50 x 2.2 (6.2#/bbl LCM)

FEB 25 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

14,195/68/68/77. Drilling. Twisted off 21-1/3 stands  
down. Fished 7½ hrs. Staged to btm. Background  
gas: 50-120. Connection gas: 960. Downtime  
gas: 1280.

Mud: (.767) 14.7 x 52 x 2.0 (5.0#/bbl LCM)

FEB 26 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

14,306/68/69/111. Drilling. Background gas: 40-120  
units. Connection gas: 250-320 units. Max gas: 320  
units.

Mud: (.764) 14.7 x 50 x 2.5 (4.65#/bbl LCM)

FEB 27 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,410/68/55/0. Circ @ 11,500. Let hole heal 6 hrs.  
Sptd LCM pill of 10# fine, 10# med and 10# coarse and  
let hole heal 1 hr. Circ and cond mud @ 11,500. Staged  
in hole to 12,000' and circ and cond mud, losing 25 B/H.  
Went to btm and sptd 100 bbl pill w/10# fine, 10# med and  
10# coarse. Pulled to 11,500 and let hole heal. Lost  
300 bbls mud. Background gas: 0-2 units.  
Mud: (.764) 14.7 x 47 x 2.6 (22#/bbl LCM) FEB 13 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,411/68/56/1. Circ btms up. Circ and cond mud @  
11,500. Staged in 5 stds at a time to 11,410 and circ  
and cond mud. No mud loss. Attempted to drill - bit  
press drop too high. Tripped for new bit and broke  
circ @ 11,500, 12,000 and 12,500 going in hole. Circ  
btms up prior to drlg. Background gas: 2-3 units.  
Mud: (.764) 14.7 x 47 x 3.0 (11#/bbl LCM) FEB 14 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,492/68/57/81. Letting hole heal. Circ 30 min and  
resumed drlg. Packed swivel. Lost circ. Sptd pills of  
10# med and 10# fine and 10# coarse, 10# med and 10#  
fine and let hole heal. Lost 700 bbls mud. Background  
gas: 8 units. Connection gas: 25 units. FEB 15 1974  
Mud: (.764) 14.7 x 52 x 5.0 (14.6#/bbl LCM)

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

2/16: 13,501/68/58/9. Drilling. Pulled up into 7" csg  
and let hole heal. Mixed and sptd pill of 10# med and  
10# coarse. Let hole heal. Circ and cond mud and staged  
in. Circ and cond mud on btm. Background gas: 5 units.  
Btms up gas: 10 units. Lost 300 bbls mud.  
Mud: (.759) 14.6 x 47 x 5.0 (13.25#/bbl LCM)

2/17: 13,571/68/59/70. WO hole to heal. Lost circ after  
drlg 16 hrs. Mixed and sptd 100 bbl pill of 30 sx med and  
30 sx fine and let hole heal. Mixed 100 bbl pill and sptd  
20 med, 20 coarse and 20 fine and pulled 20 stds to let  
hole heal. Lost 500 bbls mud.

Mud: (.759) 14.6 x 50 x 4.0 (12.8#/bbl LCM)

2/18: 13,582/68/60/11. Drilling. Circ and cond mud  
at shoe, shaking out LCM and clng up mud. Staged in  
and circ over shaker. Lost 200 bbls mud.

Mud: (.759) 14.6 x 48 x 3 (15.2#/bbl LCM)

2/19: 13,682/68/61/100. Drilling. No mud loss.

Mud: (.759) 14.6 x 53 x 3.0 (18.02#/bbl LCM) FEB 19 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,782/68/62/100. Drilling. Drilling break from  
13,726-13,734 w/gas from 28-29 units. Background  
gas: 2-26 units. Connection gas: 10-28 units.  
Mud: (.759) 14.6 x 53 x 3 (12.45#/bbl LCM) FEB 20 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

12,930/68/48/163. Drilling. Drlg break from 12,872-  
12,878. Lost 10+ bbls mud. Background gas: 10 units.  
Connection gas: 36 units.  
Mud: (.738) 14.2 x 55 x 4.0 (5.1#/bbl LCM) FEB 6 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,034/68/49/104. Drilling. Down 6-3/4 hrs to repair  
rotary chain. Background gas: 5 units. Connection  
gas: 27 units.  
Mud: (.748) 14.4 x 48 x 4.0 (6.25#/bbl LCM)

FEB 7 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,078/68/50/44. Circ @ shoe. Lost returns @ 13,074  
w/14.6 ppg mud. Pmpd LCM pill and tripped out. Magna-  
fluxed 4-3/4" DC's finding one cracked box on short DC  
and two swelled boxes. Background gas: 5 units. Con-  
nection gas: 35 units. Lost 250 bbls mud to fm.  
Mud: (.759) 14.6 x 52 x 4.0 (15#/bbl LCM)

FEB 8 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

2/9: 13,078/68/51/0. Reaming 180' to btm. Staged in  
and circ btms up. Good returns 5 stds each stage.  
Ran in 10 stds to shoe--unable to circ. Pulled 10 stds  
and staged in hole. Lost 50 bbls mud. Background gas:  
5 units. Max gas: 35 units.

Mud: (.764) 14.7 x 48 x 3.0 (13#/bbl LCM)

2/10: 13,099/68/52/21. Drilling. Washed and reamed to  
btm. Tripped for new bit @ 13,099 and staged in hole,  
circ @ shoe, 12,400 and TD. Background gas: 8 units.  
Trip gas: 20 units.

Mud: (.764) 14.7 x 50 x 3 (11.5#/bbl LCM)

2/11: 13,267/68/53/168. Drilling. Background gas:  
5-6 units. Connection gas: 22 units.

Mud: (.764) 14.7 x 52 x 3.0 (6.5#/bbl LCM)

FEB 11 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

13,410/68/54/143. Lost circ. Lost circ @ 13,404, losing  
500 bbls mud. Sptd two 20#/bbl LCM pills and pulled to  
shoe. Mixed mud. Hole taking mud. Background gas: 8  
units. Connection gas: 18 units. Max gas: 80 units.  
Mud: (.769) 14.8 x 50 x 3.0 (5#/bbl LCM)

FEB 12 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,882'

11,882/68/40/0. Picking up 3½" DP. Laid down 5" DP  
and Kelly. Tested BOPE to 5000 psi and Hydril to 3000  
psi.

JAN 29 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

11,870/68/41/8. Tripping in w/dia bit. Finished  
picking up 3½" DP. Nippled up BOP. Made SLC:  
11,882 = 11,862 (double strapped pipe). Drld cmt  
and float. Tested csg to 3000 psi, OK. Circ and  
cond mud. Tripped for dia bit @ 11,870.  
Correction to 1/27/74 report due to above SLC:  
Shoe @ 11,862 and FC @ 11,767.  
Mud: (.582) 11.2 x 43 x 6 (7.55#/bbl LCM)

JAN 30 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

11,972/68/42/102. Drilling. Background gas: 24  
units. Connection gas: 3 units.  
Mud: (.613) 11.8 x 48 x 5.0 (5#/bbl LCM)

JAN 31 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

12,141/68/43/169. Drilling. Background gas: 2 units.  
Connection gas: 2-5 units.  
Mud: (.629) 12.1 x 48 x 5.0 (6.7#/bbl LCM)

FEB 1 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

2/2: 12,300/68/44/159. Drilling.  
Mud: (.655) 12.6 x 50 x 5 (6.3#/bbl LCM)  
2/3: 12,403/68/45/103. Drilling. Tripped for new bit  
at 12,374. Background gas: 15 units. Connection gas:  
250 units. Trip gas: 500 units.  
Mud: (.665) 12.8+ x 50 x 4.0 (5.5#/bbl LCM)  
2/4: 12,579/68/46/176. Drilling. Background gas: 10  
units. Connection gas: 25 units.  
Mud: (.696) 13.4 x 50 x 4.0 (4.5#/bbl LCM)

FEB 4 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,862'

12,767/68/47/188. Drilling. Background gas: 5 units.  
Connection gas: 15 units.  
Mud: (.712) 13.7 x 54 x 4.0 (4.5#/bbl LCM)

FEB 5 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

11,642/68/33/0. Staging in hole @ 8000'. Mixed and  
sptd 250-bbl LCM pill. Tripped out and let hole heal.  
Lost 300 bbls mud on trip. Built mud vol and cond mud  
in storage. Staged in and circ btms up w/good returns.  
Had good gas bubble w/btms up from 7500-8000'.  
Mud: (.525) 10.1 x 40 x 7.0 (6.95#/bbl LCM) JAN 22 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

11,705/68/34/63. Drilling. Staged in and cond mud.  
Circ out gas. Checked for flow. Lost 250 bbls mud.  
Background gas: 50 units. Connection gas: 150 units.  
Trip gas: 950 units - may be inaccurate reading since  
mud was all over drlg floor.  
Mud: (.525) 10.1 x 39 x 6.0 (15.6#/bbl LCM) JAN 23 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

11,757/68/35/52. Drilling. Slugged pipe and pulled  
out of hole. Staged in w/new bit @ 11,729 and circ  
btms up @ 6500', 8200', 9900' and 11,700'. Lost 150  
bbls mud to fm last 24 hrs. Background gas: 50 units.  
Trip gas: 400 units. Connection gas: 120 units.  
Dev: 2° @ 11,729.  
Mud: (.530) 10.2 x 40 x 5.0 (15.14#/bbl LCM) JAN 24 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

11,850/68/36/93. RU to log. Circ out 300 units w/  
drlg break. Short tripped and circ and cond mud for  
logs. RU Schl. Lost 250 bbls mud last 24 hrs. Short  
trip gas: 220 units. Background gas: 25 units. Max  
gas: 300 units.  
Mud: (.530) 10.2 x 40 x 5.0 (13.65#/bbl LCM) JAN 25 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
7" csg @ 11,882'

1/26: 11,882/68/37/32. WO csg crew. Schl ran BHC-GR,  
DIL, and FDC/CNL-GR. (Lost 3 hrs due to tool malfunc-  
tion). Hole took 2-3 bbls fluid/hr while logging.  
Laid down DC's, pulled wear sleeve, broke kelly and  
installed 7" csg rams.

1/27: 11,882/68/38/0. Nippling up EOP's. RU and ran  
276 jts 7", 26#, ST&C csg w/Baker shoe @ 11,882 and FC  
@ 11,787. With 5 BW ahead, B-J cmtd w/450 cu ft B-J  
Lite and 130 cu ft Class "G". Bumped plug w/2500 psi,  
float held OK. CIP @ 11 PM, 1/26. No cmt returns.  
Nippled up csg hd, installed 7" slips and 10 x 10 AP  
spool and tested to 4500 psi, OK.

1/28: 11,882/68/39/0. Laying down kelly. Nippled up  
BOP's. RU and laid down 5" DP. JAN 28 1974

Shell-LVO-Altex-Barber 9322/68/26/351. Tripping in w/new bit. Dev: 3° at  
Oil-Tenneco-W. Duncan- 9322. JAN 15 1974  
S. Bennion-Tew 1-1B5 Mud: Wtr  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

Shell-LVO-Altex-Barber 10,002/68/27/680. Drilling. Washed 20' to btm.  
Oil-Tenneco-W. Duncan- Mud: Wtr JAN 16 1974  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

Shell-LVO-Altex-Barber 10,440/68/28/438. Drilling. Dev: 2° @ 10,280.  
Oil-Tenneco-W. Duncan- Tripped in w/new bit @ 10,280, washing 40' to btm.  
S. Bennion-Tew 1-1B5 Mud: Wtr JAN 17 1974  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

Shell-LVO-Altex-Barber 11,046/68/29/606. Tripping for bit.  
Oil-Tenneco-W. Duncan- Mud: Wtr JAN 18 1974  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

Shell-LVO-Altex-Barber 1/19: 11,417/68/30/371. Drilling. Mudded up @  
Oil-Tenneco-W. Duncan- 11,000'. Lost 150+ bbls @ 11,046. Dev: 2° @ 11,046.  
S. Bennion-Tew 1-1B5 Mud: (.478) 9.2 x 36 x 12.0 (7#/bbl LCM)  
(D) Parker #124 1/20: 11,537/68/31/120. Drilling. Tripped for new  
15,200' Wasatch Test bit @ 11,474. Down 2 hrs for motor repair. Lost 38  
KB 6684', GL 6657' bbls mud on trip, and 250 bbls while drlg. Trip gas:  
9-5/8" csg @ 7140' 120 units. Background gas: 8 units. Dev: 2° @ 11,474.  
Mud: (.499) 9.6+ x 40 x 7.0 (8.35#/bbl LCM)  
1/21: 11,642/68/32/105. Lost circ. Lost complete  
returns @ 11,613. Drld w/partial returns and then lost  
returns @ 11,625 using 10 ppg mud. Circ and cond GCM  
3 hrs. Lost returns @ 11,642. Background gas: 250  
units. Max gas: 1380 units. Lost 800 bbls mud last  
24 hrs.  
Mud: (.520) 10.0 x 44 x 6.0 (28#/bbl LCM - walnut hulls)  
JAN 21 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

7160/68/19/0. Testing BOP's w/Yellow Jacket. Nippled  
up AP spool and tested to 2500 psi, OK. Nippled up BOP's.  
Yellow Jacket tested chk manifold. JAN 9 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

7160/68/20/0. Drilling shoe. Yellow Jacket finished  
testing BOP's, safety valves, etc. Tripped in w/BHA  
and drld FC @ 7045. Tested csg w/2000 psi for 10 min,  
OK. Drld cmt and shoe. Drld 7 hrs to shoe due to pump  
problems. JAN 9 1974  
Mud: Wtr

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

7497/68/21/337. Drilling. Dev: 1° @ 7243'. B-J  
cmtd 13-3/8" x 9-5/8" annulus w/600 cu ft B-J Lite w/  
3% CaCl<sub>2</sub> w/200 psi max press and 100 psi final press.  
CIP @ 12:20 PM. Washed and reamed 40' to btm. JAN 10 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

7770/68/22/273. Tripping in w/new bit. Down 2 hrs  
for rig repairs. Pipe stuck @ 7770 while drlg. Circ  
and worked free. Pmpd in three mud sweeps. (Acts  
like bit locked up - would not drill.) Tripped out -  
bit OK. Tripped in w/new bit. JAN 11 1974

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

1/12: 8155/68/23/385. Drilling. Washed and reamed to  
btm w/new bit - 10' fill. Pipe stuck @ 7770. Worked  
pipe and circ free. Reamed and washed 3' to btm.

Mud: Wtr

1/13: 8648/68/24/493. Working stuck pipe. Pipe stuck  
@ 8648 while drlg.

Mud: Wtr

1/14: 8931/68/25/283. Drilling. Pipe stuck twice -  
worked free. Tripped for new bit @ 8659. CO bridge @  
7140'. Washed and reamed 50' to btm. JAN 14 1974

Mud: Wtr

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

12/29: 4944/68/9/511. Drilling.  
Mud: Aerated wtr  
12/30: 5460/68/10/516. Drilling. DEC 31 1973  
Mud: Wtr  
12/31: 5708/68/11/248. Thawing out fuel line. Changed  
bit @ 5614. Reamed and CO 45'.  
Mud: Wtr

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

1/1: 6080/68/12/372. Drilling. Dev: 3° @ 5820.  
1/2: 6332/68/13/252. Fishing and thawing fuel lines.  
Filled hole w/wtr. WO fishing tools 2-3/4 hrs. Fish  
consists of 12-1/4" bit, shock sub, stab, DC, stab,  
11 DC's, 3 jts HWDP. Top of fish @ 5848 (broken box)  
Mud: Aerated wtr JAN 2 1973

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

6332/68/14/0. Tripping in. Thawed fuel and wtr lines  
for 9½ hrs. Tripped out w/fish, unplugged bit and  
shock sub. Laid down fishing tools. Checked HWDP finding  
cracked box. (Temp: -28°) JAN 3 1973  
Mud: Aerated wtr

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

6572/68/15/240. Drilling. Tripped in w/new bit,  
washing 125' to btm. Magnafluxed HWDP 2 hrs. JAN 4 1973  
Mud: (Aerated wtr)

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
9-5/8" csg @ 7140'

1/5: 6980/68/16/408. Tripping out for bit. Changed  
rotating rubber. Lost 90,000# wt. Screwed into fish  
and pulled full string wt.  
1/6: 7160/68/17/180. Laying down DC's. Tripped out  
w/drill string - full recovery. Backed off 30 jts  
above DC's. Tripped in w/rerun bit and washed and reamed  
90' to btm. Drld to 7160 w/rerun bit and circ hole clean.  
Mud: Aerated wtr JAN 7 1974  
1/7: 7160/68/18/0. Nippling up BOP's. Laid down 9" DC's.  
Down 3 hrs due to broken tongs. Finished laying down DC's.  
RU and ran 162 jts 9-5/8" 40# K-55 ST&C csg. Circ and  
washed down last 6 jts - stuck 20' off btm. With shoe @  
7140 and FC @ 7045, B-J cmtd w/650 cu ft B-J Lite followed  
by 250 cu ft Class "G". No returns. Good press buildup.  
CIP @ 2:20 AM, 1/7/74.

NEW OIL WELL  
SHELL OIL COMPANY

ALTAMONT

LEASE	TEW	WELL NO.	1-1B5
DIVISION	WESTERN	ELEV	6684 KB, 6647 GL
COUNTY	DUCHESNE	STATE	UTAH
LOCATION	NE/4 NE/4 SECTION 1-T2S-R5W		

12/21/73 - 7/25/74

UTAH

ALTAMONT

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'

"FR" 300/62/1/300. Pulling out of hole to run sfc csg.  
Located 1558' FNL and 671' FEL, NE NE, Section 1-T2S-R5W,  
Duchesne County, Utah.  
Shell's Share - 75.77536%  
Elev: 6657 GL (ungraded) DEC 21 1973  
Spudded 17½" hole @ 3:30 PM, 12/20/73.  
Mud: (.468) 9.0 x 50

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

12/22: 300/62/2/0. Nippling up BOP's. Ran 8 jts  
13-3/8" 68# ST&C csg w/Hal guide shoe @ 300'. With 10  
BW ahead, B-J cmt d w/210 cu ft B-J Lite and 2% CaCl<sub>2</sub>  
followed by 210 cu ft Class "G" w/3% CaCl<sub>2</sub>. Displaced  
top plug w/41 BW. Good cmt returns (10 bbls ±). CIP @  
1:45 PM, 12/21/73.

12/23: 464/62/3/164. Drilling. Nippled up BOP. Picked  
up BHA and DO cmt and shoe (top of cmt @ 215').

12/24: 1510/62/4/1046. Tripping for bit. Lost circ @  
920'. Tripped for new bit @ 967. Dev: 0° 45' @ 920'  
and 0° 45' @ 1510.

12/25: 2495/64/5/985. Tripping for bit. Tripped in  
w/bit #5 at 1510'.

12/26: 3170/64/6/675. Drilling. DEC 26 1973  
Mud: Aerated wtr

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

3780/64/7/610. Drilling.  
Mud: Aerated wtr DEC 27 1973

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(D) Parker #124  
15,200' Wasatch Test  
KB 6684', GL 6657'  
13-3/8" csg @ 300'

4433/64/8/653. Drilling. DEC 28 1973  
Mud: Aerated wtr

CASING AND CEMENTING

Field Altamont Well Tew 1-1B5  
 Job: 5 " O.D. ~~Casing~~ Liner. Ran to 15,198 feet (KB) on 3/9, 1974

Jts.	Wt	Grade	Thread	New	Feet	From KB	To CHF
						<del>CHF</del> KB - Hanger	11,659.50
				x	7.55	11,659.50	11,667.05
39	18#	N-80	SFJ-P	x	1560.18	11,667.05	13,227.23
49	18#	S00-95	SFJ-P	x	1927.41	13,227.23	15,154.64
				x	2.26	15,154.64	15,156.90
1	18#	S00-95	SFJ-P	x	38.99	15,156.90	15,195.89
				x	2.40	15,195.89	15,198.29

Casing Hardware:

Float shoe and collar type Baker Differnetial Fillup Shoe and Collar  
 Centralizer type and product number 19 Pathfinder, #104-10  
 Centralizers installed on the following joints Shoe jt, 3rd and every 5th jt  
 Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type BHC-GR Caliper volume 301.2 ft<sup>3</sup> + excess over caliper  
93.0 ft<sup>3</sup> + float collar to shoe volume 12 ft<sup>3</sup> + liner lap 16 ft<sup>3</sup>  
 + cement above liner 65 ft<sup>3</sup> = 470 ft<sup>3</sup> (Total Volume).

Cement:

Preflush-Water 3 bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
 First stage, type and additives B-J Class "G" w/2% gel and 30% silica flour and 1.5% friction reducer Weight 15.0 lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume 284 sx. Pumpability 4 hours at 220 °F.  
 Second stage, type and additives \_\_\_\_\_ Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.

Cementing Procedure:

~~Don't~~ reciprocate while circ btms up  
 Displacement rate 3.5 B/M  
 Percent returns during job 100%  
 Bumped plug at 4:05 AM/PM with 3000 psi. Bled back 1 bbls. Hung csg with 35,000 lbs on slips.

Remarks:

Good returns throughout. Float equipment worked OK.

Drilling Foreman W. F. Bangs  
 Date 3/9/74

CASING AND CEMENTING

Field	Altamont		Well		Tew 1-1B5			
Job:	7 " O.D. <del>Casing</del> Liner.		Ran to		11,882 * feet (KB) on		1/26, 1974	
Jts.	Wt	Grade	Thread	New	Feet	From	To	
						<del>KB</del> RT	CHF	26.0
11	26#	Rg-95	LT&C	x	452.30	CHF		418.35
263	26#	S-95	LT&C	x	11,369.33	418.35		11,787.68
1	Baker Differential Fill Collar			x	1.80	11,787.68		11,789.48
2	26#	S-95	LT&C	x	90.16	11,789.48		11,879.64
1	Baker Differential Fill Shoe			x	2.40	11,879.64		11,882.04 *

\*Made double strap on 1/29/74, making SLC: 11,882 = 11,862

Shoe at 11,862 and FC at 11,767 w/20' SLC.

Casing Hardware:

Float shoe and collar type Baker differential fill shoe and collar

Centralizer type and product number four Baker

Centralizers installed on the following joints #1, #3, #5, #8

Other equipment (liner hanger, D.V. collar, etc.)

Cement Volume:

Caliper type Sonic Caliper volume 427.1 ft<sup>3</sup> + excess over caliper

ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>

+ cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

Cement:

Preflush—Water 5 bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls

First stage, type and additives 450 cu ft B-J Lite w/R-5

Weight 12.4 lbs/gal, yield \_\_\_\_\_

ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability 4 hours at 225 °F.

Second stage, type and additives 130 cu ft Class "G" w/R-5

Weight 15.6 lbs/gal, yield \_\_\_\_\_

ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability 4 hours at 225 °F.

Cementing Procedure:

~~Rotax~~/reciprocate \_\_\_\_\_

Displacement rate 3.6 B/M

Percent returns during job 10%

Bumped plug at 11 ~~AM~~/PM with 2500 psi. Bled back 2 bbls. Hung csg

with 280,000 lbs on slips.

Remarks:

Washed 25' to btm w/10% returns. No returns cementing and displacing. Found hole 32' deep - csg shoe at 11,882' (see \* above)

Bumped plug w/rig pump and tested to 2500 psi, float eqmt held OK.

Drilling Foreman W. F. Bangs

Date 1/27/74

CASING AND CEMENTING

Field Altamont Well Tew 1-1B5

Job: 9-5/8 " O.D. Casing/~~xxxx~~ Ran to 7140 feet (KB) on 1/7, 1974

Jts.	Wt	Grade	Thread	New	Feet	From	To	
						KB	CHF	26.00
160	40#	K-55	ST&C	x	7068.11	<del>RT</del> RT		7045.89
1	Baker Float Collar		8rd	x	1.55	7045.89		7047.44
2	40#	K-55	ST&C	x	89.61	7047.44		7137.05
1	Baker shoe		8rd	x	2.95	7137.05		7140.00

Casing Hardware:

Float shoe and collar type Baker differential fill shoe and collar  
 Centralizer type and product number four Baker  
 Centralizers installed on the following joints #1, #2, #4, and #6  
 Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type \_\_\_\_\_ Caliper volume \_\_\_\_\_ ft<sup>3</sup> + excess over caliper  
 \_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
 + cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

Cement:

Preflush—Water \_\_\_\_\_ bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
 First stage, type and additives B-J Lite w/1% R-5 (650 cu ft)  
 \_\_\_\_\_ Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume 213 sx. Pumpability 4 hours at 155 °F.  
 Second stage, type and additives B-J Class "C" w/0.3% R-5 (250 cu ft)  
 \_\_\_\_\_ Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume 219 sx. Pumpability 4 hours at 155 °F.

Cementing Procedure:

~~Rotary~~/reciprocate Stuck while reciprocating 20' off btm  
 Displacement rate 8.7 bbls/min  
 Percent returns during job 0  
 Bumped plug at 2:20 AM~~PM~~ with 2000 psi. Bled back 1-3/4 bbls. Hung csg  
 with 275,000 lbs on slips.

Remarks:

Washed 6 jts to bottom. Stuck csg 20' of bottom. Good press buildup displacing cmt.  
Displaced w/rig pump. Plug held OK.

Drilling Foreman W. F. Bangs  
 Date 1/7/74

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING  
\*\*\*\*\*

Well Name and Number Tew 1-1B5  
Operator Shell Oil Company  
Address 1700 Broadway  
Denver, Colorado 80202  
Contractor Parker Drilling Company  
Address 518 National Bank of Tulsa  
Tulsa, Oklahoma 74103  
Location NE 1/4, NE 1/4; Sec. 1 ; T. 2 ~~N~~ S R. 5 ~~E~~ W, Duchesne County.

Water Sands:

	<u>Depth:</u>		<u>Volume:</u>		<u>Quality:</u>
	From -	To -	Flow Rate or	Head -	Fresh or Salty -
1.	GR log run from 7148-15,197				
2.	No water zones tested or evaluated				
3.					
4.					
5.					

(Continue on Reverse Side of Necessary)

Formation Tops:

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

CASING AND CEMENTING

Field Altamont Well Tew 1-1B5  
Job: 13-3/8 " O.D. Casing/~~xxxx~~ Ran to 300 feet (KB) on 12/21, 1973

Jts.	Wt	Grade	Thread	New	Feet	From	To	KB	CHF	
										28.0
8	68#	K-55	ST&C	x	303	CHF				298.50
1	Halliburton Guide Shoe			x	1.50	298.50	-			300.00

Casing Hardware:

Float shoe and collar type Halliburton plain guide shoe  
Centralizer type and product number \_\_\_\_\_  
Centralizers installed on the following joints \_\_\_\_\_  
Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type \_\_\_\_\_ Caliper volume \_\_\_\_\_ ft<sup>3</sup> + excess over caliper  
\_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
+ cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

Cement:

Preflush—Water 10 bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
First stage, type and additives 210 cu ft B-J Lite w/2% CaCl<sub>2</sub>  
\_\_\_\_\_ Weight 12.5 lbs/gal, yield \_\_\_\_\_  
ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability 2 hours at \_\_\_\_\_ °F.  
Second stage, type and additives 210 cu ft Class "G" w/3% CaCl<sub>2</sub>  
\_\_\_\_\_ Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability 2 hours at \_\_\_\_\_ °F.

Cementing Procedure:

~~xxxxx~~/reciprocate \_\_\_\_\_  
Displacement rate 5 bbls/min \_\_\_\_\_  
Percent returns during job 100% \_\_\_\_\_  
Bumped plug at 1:45 ~~xxx~~ AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg  
with \_\_\_\_\_ lbs on slips.

Remarks:

10 bbls cmt returned. Good circ.

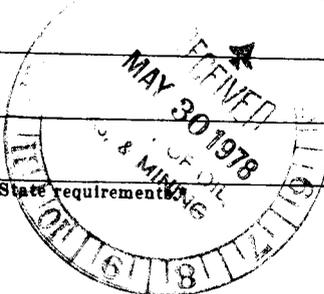
Drilling Foreman W. F. Bangs  
Date 12/21/73

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  GAS WELL  OTHER

2. NAME OF OPERATOR  
Shell Oil Company

3. ADDRESS OF OPERATOR  
1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1558' FNL & 671' FEL Section 1

14. PERMIT NO. \_\_\_\_\_

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
6684 KB

5. LEASE DESIGNATION AND SERIAL NO.  
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Tew

9. WELL NO.  
1-1B5

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE/4 NE/4 Section 1-T2S-R5W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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

NOTICE OF INTENTION TO:

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) <u>CO, Perf, Isolate, Stim</u> <input checked="" type="checkbox"/>	(Other) <u>CO, Perf, Isolate, Stim</u> <input checked="" type="checkbox"/>

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.)\*

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

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: May 1, 1978  
BY: [Signature]  
See attachment

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

SIGNED [Signature] TITLE Div. Opers. Engr. DATE 5/25/78

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:  
cc: USGS (for info) w/attachment

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 290 BO, 24 BW,  
367 MCF gas w/100 psi.  
(Report discontinued until further activity)

MAR 30 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion - Tew 1-1B5  
(CO, Perf, Isolate, Stim)

APR 11 1978

TD 15,200. PB 15,188. (RRD 3/20/78) 4/10 MI&RU BJ.  
Filled backside w/wtr & press'd to 2000 psi. Press  
tested sfc lines to 9500 psi. Pmp'd 29,000 gals 7-1/2%  
HCl as per prog, 520 ball sealers (7/8" RCN w/1.2 sp gr)  
& 4000# Unibeads. Max press 8500 psi, min 5000, avg 7800.  
Max rate 13 B/M, min 6, avg 9. Flushed w/125 bbls prod  
wtr. ISIP 6050 psi, 5 mins SIP 5600, 10 mins 5300, 15  
mins 5300. Backed well down w/40 bbls diesel. Held 2000  
psi on annulus thruout job; no indication of communication  
across pkr. RD BJ. OWP ran GR log from 15,100-12,500;  
indicated most zones took acid. RD OWP & flwd diesel &  
acid wtr to pit. Turned well to bty w/1500 psi TP and  
turned over to prod.

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion - Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Gauge not available.

APR 12 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion - Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test gas lifted 825 BO  
2 BW, 747 MCF gas w/1020 psi inj press.

APR 13 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion - Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test gas lifted 1282 BO,  
3 BW, 1346 MCF gas w/1020 psi inj press.

APR 14 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, gas lifted 1026 BO,  
0 BW, 1094 MCF gas w/1020 psi inj press.

APR 17 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, gas lifted 1008 BO,  
0 BW, 1006 MCF gas w/1020 psi inj press.

APR 18 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, gas lifted 1016 BO,  
0 BW, 981 MCF gas w/1020 psi inj press.

APR 18 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, gas lifted 1138 BO,  
30 BW, 1056 MCF gas w/1020 psi inj press.

APR 20 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. (AFE #573277) Schl ran prod log.  
Largest entry was over 50% @ 12,790 & other major entries  
as foll: 13,080, 13,160, 13,400, 13,500 & 14,070. Sml  
entries indicated by temp are 13,000, 13,845, 14,085,  
14,440, 14,620, 14,790, 14,820 & 14,960. RD Schl & returned  
well to prod on 64" chk.

FINAL REPORT

APR 21 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 383 BO, 147 BW,  
356 MCF gas w/100 psi. MAR 06 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On various tests, prod:  

Rept Date	Hrs	BO	BW	MCF Gas	Press
3/3	24	529	129	416	150
3/4	24	378	122	367	100
3/5	24	397	104	363	100

 MAR 07 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 371 BO, 80 BW,  
338 MCF gas w/100 psi. MAR 08 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 431 BO, 49 BW,  
465 MCF gas w/100 psi. MAR 09 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 361 BO, 88 BW,  
416 MCF gas w/150 psi. MAR 10 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 422 BO, 73 BW,  
465 MCF gas w/45 psi. MAR 13 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 9-hr test, prod 78 BO, 4 BW,  
183 MCF gas w/250 psi. MAR 14 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 505 BO, 56 BW,  
529 MCF gas w/100 psi. MAR 15 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 358 BO, 69 BW,  
367 MCF gas w/100 psi. MAR 16 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On various tests, prod:  

Rept Date	Hrs	BO	BW	MCF Gas	Press
3/13	24	379	50	465	125
3/14	24	319	56	465	100
3/15	24	375	50	490	100

 MAR 17 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. 2/23 7 650 psi. FL 1800'.  
Perf'd 14,783-84 (2'), 14,754- (2'), 14,065-66 (2'),  
13,931-32 (2'), 13,469-70 (2'), 13,430-31 (2'), 13,404-05  
(2'), 13,268-69 (2'), 13,196-97 (2'), 13,159-60 (2'),  
13,052-53 (2'). SITP 800 psi. Run #5 (FL 1750 & SITP  
850) - perf'd 13,416, 13,373, 13,299, 13,216 (1' each) &  
next gun failed. POOH; gun full of gas. Run #6 (FL 1700 &  
SICP 850) - perf'd 12,901 thru 12,684 & 12,635 (10').  
Run #7 (FL 1700 & SICP 900) - perf'd 13,042 thru 12,908  
(7'). Total of 94' & 282 holes shot. RIH w/5" FA pkr  
w/KO plug in place & set pkr w/top @ 12,600. POOH &  
RD&MO OWP. SICP 900 psi. Opened well to pit & bled to  
0; oil & gas. Pmp'd 25 bbls prod wtr pill. RIH w/66  
stds 2-7/8 tbg. POOH LD 66 jts. PU latch-in seal assy &  
RIH w/50 stds 2-7/8 tbg. SI well overnight.

FEB 24 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Latched into pkr & marked for  
spacing out. Released from pkr & pmp'd 270 bbls prod wtr  
down tbg to get oil out of csg. Last 70 bbls 180 deg F.  
Latched into pkr & landed tbg on donut w/12,000# tension.  
Press tested tbg to 6500 psi, ok. Tested annulus to  
2000 psi, ok. Installed & tested 10,000# tree. MI&RU  
WL trk. RIH w/sinker bars & jars on slickline. Press'd  
tbg to 2000 psi, ok. KO plug & POOH. RD&MO WL trk. Tbg  
on vac. RU to swb. Run #1 FL 1200' - SF 2400'. Run #2  
FL 2200' - SF 3200'. Waited 1/2 hr; sli blw to pit. Run  
#3 FL 1400' - SF 2400'. Waited 1/2 hr; sli blw to pit.  
Run #4 FL 800' - SF 2800'. Swb'd total of 30 bbls load  
wtr. RD swb & SI well overnight. 2/26 12-hr SITP 1075.  
Opened to pit 1 hr on 15/64 chk & FTP down to 520. Well  
started mak'g oil & wtr. SI 15 mins to switch to bty.  
SITP 700 psi. Opened well to bty. Well stabilized on  
20/64 chk w/425-450 psi FTP. Turned well over to prod.

FEB 27 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Gauge not available.

FEB 28 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 16-hr test, gas lifted 33 BO,  
16 BW, 200 MCF gas w/1020 psi inj press.

MAR 01 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. On 24-hr test, prod 263 BO, 19 BW,  
229 MCF gas w/500 psi.

MAR 02 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. (Corr to repts of 2/27 thru 3/1:  
well was rept'd as gas lift'g, but was actually flw'g.)  
On various tests, prod:

Date	Hrs	BO	BW	MCF Gas	Press
2/27	24	276	67	343	375
2/28	24	308	160	331	200
3/1	24	350	156	343	150

MAR 03 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Pmp'd 100 bbls 150 deg prod wtr down tbg. RIH w/freep indicator & CCL on WL. After several attempts to make tool work, POOH & repaired tool. RIH & est that tbg partially stuck about liner top. POOH. Pmp'd down tbg & circ 350 bbls to clean up. Tbg stretch same. RIH w/tbg chem cut'r & CCL; hung up immediately @ 11,700. Ran down to 13,100 & stuck tool. Worked free in 45 mins & POOH. SI for night.

FEB 16 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Pmp'd 70 bbls hot wtr down tbg. RIH w/2-1/8 gauge ring w/jars & did not hang up @ 11,700. Set down @ 13,140; unable to get deeper. POOH. RIH w/1-3/4" tools & went to 14,700 w/o touching anything. POOH. RIH w/2-1/8 impress blk & set down @ 13,140. POOH. Impress blk indicates a 2" opening. RIH w/chem cutter & cut tbg @ 13,095. POOH. Worked tbg free & started out of hole. Pulled tbg above liner & SD for night.

FEB 17 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. 2/17 POOH. RIH w/pkoff overshot to fish tbg w/+45 SN above overshot. Pmp'd SV down tbg & press tested tbg to 2000 psi. ok. Fish'd SV w/sdline. PU 4-3/4 bumper sub, oil jars, accelerator, 4 DC's & +45 SN. Ran 2600' 2-7/8 tbg in hole & well started blw'g gas & oil. Pmp'd 200 bbls down tbg; unable to clean up well. Hooked well to pit & pit line froze. 2/18 TP 500 psi & CP 400 psi. Thawed WH & pmp'd 150 BW down csg; well dead. Ran tbg to liner top & rev circ'd 150 BW. Ran to 13,000. Drop'd bak-a-lite ball down tbg & tested tbg to 2000 psi, ok. Rev'd ball out of hole. MI&RU BJ. Latched onto fish. Mixed 36 bbls gelled wtr (G26) & pmp'd down tbg foll'd by 520 BW - 50 bbls over well vol. RD BJ. Worked tbg 15 mins; unable to pull or see any jar or bumper sub action. SI for night. 2/20 SITP 925 psi; bled to pit (all gas). Pmp'd 30 bbls prod wtr down tbg & well on vac. Could not pull mill & tbg farther than 15,080; would fall back w/o sticking. Jar'd 2 hrs & made approx 30'; tbg would still fall back. Pulled 10 more stds & well kicked. Rev circ'd w/550 bbls prod wtr; returns very gassy & appeared to be mostly oil. Pmp'd 30-bbl pill down tbg & resumed POOH. Pulled 180 stds total & SI well for night.

FEB 21 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Bled off tbg & csg & circ'd hole to mill w/140 bbls prod wtr. Fin'd POOH & LD DC, jars, overshot & 5 jts damaged 2-7/8 tbg. RIH w/4-1/8 mill to liner top. RU power swivel & milled 5 mins to get inside 5" liner. Ran mill thru liner while rev circ'g; no problems. PU above liner & circ'd conv w/300 bbls prod wtr. Ran mill 70' into liner w/o touching anything. Started POOH.

FEB 22 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Bled gas press off tbg & csg. Circ'd down tbg w/200 bbls prod wtr. Fin'd POOH & LD 4-1/8 mill. MI&RU OWP to perf w/3-1/8 csg gun all perfs w/3 jets/ft w/120 deg phasing as folls: Run #1 (FL 1000'); perf'd 14,953 thru 14,802 (6'), 14,718 thru 14,522 (7'), 13,087 thru 13,084 (4') & 12,645 thru 12,642 (4'). Run #2 (FL 850'); perf'd 14,507 thru 14,114 (15'). Run #3 (FL 850'); perf'd 14,089 thru 13,448 (21'). POOH & SI well overnight.

FEB 23 1978

## CO, PERFORATE, ISOLATE, STIMULATE

ALTAMONT

SHELL-LVO-ALTEX-BARBER OIL-	LEASE	Tew	WELL NO.	1-1B5
TENNECO-W. DUNCAN-S. BENNION	DIVISION	WESTERN	ELEV	6684 KB
FROM: 2/7 - 4/21/78	COUNTY	DUCHESNE	STATE	UTAH

## UTAH

## ALTAMONT

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

"FR" TD 15,200. PB 15,188. AFE #571747, 571744 & 571746 provide funds to CO, perf, isolate & stim, retire 5-1/2 heat string & add 1 gas mndrl. MI&RU WOW #19 2/7/78.  
Bled well to bty & SI for night. FEB 07 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Bled well to pit & pmp'd wtr down tbq. Installed BPV, removed WH & installed BOP's. Unlatched seal assy from Mdl D & circ'd tbq clean. POOH; LD gas mndrls. SI overnight. FEB 08 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Pmp'd 150 bbls hot prod wtr down 7" & 5-1/2" annulus. MI&RU csg crew & LD 107 jts 5-1/2" heat string. RD csg crew. RIH w/Bkr pkr picker & SD for night. FEB 09 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Milled on Bkr 7" Mdl D pkr w/power swivel for 3-1/2 hrs & circ'd; pkr came free. POOH w/swivel. Started in hole w/mill shoe. SD for night. FEB 10 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. 2/10 Fin'd RIH & started PU 2-7/8 tbq in sgls. PU power swivel & obtained rev circ. Milled approx 100' & circ'd tbq clean. SI overnight. 2/11 Milled scale out of 5" liner (13,364-15,000'). SI for night & Sunday. FEB 13 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

TD 15,200. PB 15,188. Bled off gas & pmp'd 350 bbls prod wtr to est circ in rev. CO to 15,105 & stuck mill. Worked tbq & could move mill 10'. Rev circ'd & worked tbq; had 5-6' movement. Circ'd conventionally & worked tbq; could not work free. SI well overnight. FEB 14 1978

Shell-LVO-Altex-Barber  
Oil-Tenneco-W. Duncan-  
S. Bennion-Tew 1-1B5  
(CO, Perf, Isolate, Stim)

FEB 15 1978

TD 15,200. PB 15,188. Pmp'd 70 bbls 130 deg prod wtr down tbq while MI&RU Go. RIH w/frept indicator & collar locator. Tbg free @ 11,000 & stuck @ 13,500. Tbg free @ 11,500 & stuck @ 11,700 (5" liner top 11,659). Had 18" less tbq stretch w/20,000# pulled over wt. POOH w/WL. Pmp'd down tbq & est circ. Pmp'd 300 bbls more prod wtr to clean annulus. RIH w/frept & CCL; tbq free @ 11,500 & 11,700. Ran to 14,500 & tool failed. POOH; found short in tool. RIH to 11,500 & tool failed again. POOH. Est conv. circ & circ'd well 1 hr. SI for night.

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <b>Shell Oil Company</b></p> <p>3. ADDRESS OF OPERATOR <b>P.O. Box 831 Houston, Tx 77001 ATTN: C.E. TIXIER RM# 1916</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>1558' FNL &amp; 671' FEL Sec. 1</b></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <b>PATENTED</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>TEW</b></p> <p>9. WELL NO. <b>1-135</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>AITAMDNT</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NE1/4 NE1/4 T2S R5W</b></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <b>6684' KB</b></p>	<p>12. COUNTY OR PARISH <b>DUCHESNE</b></p> <p>13. STATE <b>UTAH</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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

SEE ATTACHED

RECEIVED  
 DIVISION OF OIL, GAS & MINING  
 FEB 10 1981

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

SIGNED *C.E. Tixier* **C.E. TIXIER** TITLE DIV. PROD. ENG. DATE 1-30-81

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

ALTAMONT OPERATIONS  
 DAILY COMPLETIONS AND REMEDIALS REPORT  
 WELL HISTORY FOR WELL 348  
 ISSUED 12/29/80

LABEL: 801112  
 DAILY COST: 3200  
 CUM COST: 18000  
 DATE: 11-10-80  
 ACTIVITY: 11-10-80 STATUS: POOH WITH TBG MILL  
 \*02\* 11-10-80 ACTIVITY: POOH WITH TBG AND MILL LAY MILL  
 \*03\* DOWN PICK UP 5 IN. FULLBORE PACKER RUN IN HOLE  
 \*04\* SET AT 12599 FT. PRESS-TEST BACK SIDE 2500 CHECK  
 \*05\* OK S.D.F.N.  
 \*06\* 11-11-80 STATUS: INSTALLING 10000 PSI FRAC TREE

LABEL: 801114  
 DAILY COST: 3500  
 CUM COST: 47500  
 DATE: 11-11 AND 11-12  
 ACTIVITY: 11-11-80 STATUS: INSTALLING 10000 PSI TREE  
 \*02\* 11-11-80 ACTIVITY: INSTALL 10000 PSI TREE RIG UP  
 \*03\* WESTERN CO. FOR ACID FRAC PUMPED 19000 GALS. 15%  
 \*04\* HCL FLUSHED WITH 120 GALS. PRODUCED WTR MAX PRESS  
 \*05\* 8000# PSI MAX RATE 15BBLs. PER MIN. AVG PRESS 7000#  
 \*06\* AVG RATE 13 BBLs. PER MIN. MIN PRESS 6000# PSI MIN RATE  
 \*07\* RATE 11 BBLs. PER MIN. ISIP WENT ON VACUUM  
 \*08\* RIG WESTERN CO. DOWN REMOVED FRAC TREE INSTALL  
 \*09\* BOP RELEASED FULLBORE PACKER POOH WITH TBG SDFN  
 \*10\* 11-12-80 STATUS: RIH WITH GAS-LIFT EQUIPMENT  
 \*11\* 11-12-80 ACTIVITY: RIH WITH GAS -LIFT EQUIP AND  
 \*12\* UNG GIBERSON 5 IN. PACKER SET AT 12575 LAID TBG  
 \*13\* WITH 14000 TENSION INSTALLED WELL HEAD HOOK UP  
 \*14\* FLOW-LINE PUT WELL BACK ON PRODUCTION  
 \*15\* 11-13-80 STATUS: MOVING RIG (FINAL REPORT)

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 348  
ISSUED 12/29/80

WELL: TEW 1-185  
 LABEL: FIRST REPORT  
 AFE: 593457  
 FOREMAN: GARY L. LAMB  
 RIG: WESTERN #12  
 OBJECTIVE: CLEAN OUT AND STIMULATE WELL.  
 AUTH. AMNT: 45000  
 DAILY COST: 4200  
 CUM COST: 4200  
 DATE: 11-6 AND 11-7-80  
 ACTIVITY: 11-6-80 STATUS: MOVING TO LOCATION.  
 \*02\* 11-6-80 ACTIVITY: MOVE IN RIG UP. SPOT EQUIP.  
 \*03\* KILL WELL - RIG UP B.O.P. AND TBG. EQUIP. RELEASE  
 \*04\* OUT OF FA PACKER. P.O.O.H. WITH TBG. PICK UP  
 \*05\* PACKER PLUCKER. S.I.H.  
 \*06\* 11-7-80 STATUS: R.I.H. WITH TBG.

LABEL: 801110  
 DAILY COST: EST 3200  
 CUM COST: 11600  
 DATE: 11-7 AND 11-8 AND 11-9 AND 11-10  
 ACTIVITY: 11-7-80 STATUS RIH WITH TBG  
 \*02\* 11-7-80 ACTIVITY: RIH WITH TBG AND PACKER PLUCKER  
 \*03\* TO 12599 RIG UP POWER SWIVEL MILL UP PACKER  
 \*04\* SHUT DOWN FOR NIGHT  
 \*05\* 11-8-80 STATUS: POOH WITH TBG  
 \*06\* 11-8-80 STATUS: POOH WITH TBG  
 \*07\* 11-9-80 ACTIVITY: POOH WITH TBG LAY FA PACKER  
 \*08\* PACKER PLUCKER DOWN PICK UP FLAT BOTTEM MILL SBIN  
 \*09\* SHUT DOWN FOR NIGHT  
 \*10\* 11-10-80 STATUS: RUNNING IN HOLE WITH MILL

LABEL: 801111  
 DAILY COST: 3200  
 CUM COST: 14800  
 DATE: 11-9-80  
 ACTIVITY: 11-9-80 STATUS: RIH WITH TBG AND MILL  
 \*02\* 11-9-80 ACTIVITY: RIH WITH TBG AND MILL TO  
 \*03\* 15100 FT. DID NOT HIT ANYTHING. S.O.O.H.  
 \*04\* LAY WORK STRING DOWN. S.D.F.N.  
 \*05\* 11-10-80 STATUS: P.O.O.H. WITH TBG AND MILL

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

5. LEASE DESIGNATION AND SERIAL NO.

*Patented*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

*SHELL OIL COMPANY*

8. FARM OR LEASE NAME

*TEW*

3. ADDRESS OF OPERATOR

*P.O. Box 831 HOUSTON, TX, 77001 ATTN: W.K. ROST RM: 6459*

9. WELL NO.

*1-1B5*

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

*At surface 1558' ENL E 671' FEL. SEC. 1*

10. FIELD AND POOL, OR WILDCAT

*ALTAMONT*

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

*NE/4 NE/4 T2S-R5W*

14. PERMIT NO.

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

*6684' KB*

12. COUNTY OR PARISH

*Duchesne*

13. STATE

*UTAH*

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

*SEE ATTACHED PROGNOSIS:*

RECEIVED  
NOV 12 1982

DIVISION OF  
OIL, GAS & MINING

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

W. F. N. KELLDORF

SIGNED *W.F.N. Kelldorf*

TITLE *Div. Engineer*

DATE *11/1/82*

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

RECOMPLETION PROGNOSIS  
CO, PERFORATE AND ACID TREAT  
TEW 1-1B5  
SECTION 1, T2S, R5W  
ALTAMONT FIELD

Pertinent Data:

KB: 6,684'      KB-GL: 27'  
GL: 6,657'  
TD: 15,200'  
PBSD: 15,100'  
Casing: 7", 26#, S-95, Surf-11,882'  
Liner: 5", 18#, N-80 and S00-95, 15,198' to liner top 11,659'  
Packer: Guiberson 5" fullbore packer set at 12,575'  
Tubing: 2-7/8" N-80, EUE tubing 6.5# at 12,575'  
Perforations: 12,635'-14,953', 282 holes  
                  13,276'-15,153', 97 holes  
Gas Lift Mandrels: ±2,900'; 5,300'; 7,050'; 8,200'; 8,950'; 9,480'; 10,010';  
                          10,540'; 11,070'; 11,600'

Current Status: 22 BOPD, 92 BWPD (81% WC), 75 MCFG

Objective: Clean out and acid treat existing perforated interval 12,635' to 15,153', and perforate and acid treat (Upper Transition and Red Beds not currently open 11,535' to 12,616').

Procedure:

Note: Depth references O.W.P.'s GR/CBL dated 4/5/74.

1. MIRU. Load hole with clean produced water containing 5 gal./100 Tretolite X-cide 102 Biocide. Remove tree. Install and test BOP as per Attachment I.
2. Release 5" fullbore packer; pull production equipment.
3. RIH. Clean out 7" casing to top of 5" liner at 11,659'±. P00H.
4. RIH with 4-1/8" mill or bit and scraper clean out to PBSD: 15,100'±. Circulate hole clean and check for any large amounts of scale.
5. RIH with 5" Baker Model "C" fullbore packer (or equivalent) with unloading sub on 2-7/8" tubing. Set packer at 12,575'±. Remove BOP's. Install and test 10,000 psi wp x-mas tree. Press test tubing to 6500 psi and annulus to 3500 psi.
6. Acid treat perforated interval (12,635'-15,153') with 35,000 gallons of 7-1/2% HCl acid as follows:
  - a. Pump 1,000 gallons of 7-1/2% HCl to establish injection rate.

- b. Pump 4,000 gallons of 7-1/2% HCl, dropping one 7/8" NBS-431 or equivalent 1.3 s.g. ball sealer every 80 gallons.
- c. Pump 1,000 gallons of 7-1/2% HCl containing 1,000# benzoic acid flakes (NDA-143 or equivalent).
- d. Repeat step b six more times and step c five more times for a total of seven stages acid with ball sealers and six stages with benzoic acid flakes plus the 1,000 gallons 7-1/2% HCl to establish inj. rate. Total of 35,000 gallons of 7-1/2% HCl acid and 350 ball sealers.
- e. Flush with 110 bbls. of clean produced water containing five gallons of Tretolite X-cide 102 Biocide.

- Notes:
- (1) All acid and flush to contain 5 lb. NFR44/1,000 gallons HCl (or equivalent) for  $\pm 60\%$  friction reduction and 1.0# 20-40 mesh RA sand per 1,000 gallons (no RA sand in flush).
  - (2) All acid to contain three gallons NAI-167/1,000 gallons HCl (or equivalent) for four hours exposure at 210°F and necessary surfactant, NNE-257N (or equivalent tested for compatibility with formation fluids) and two gallons NSI-372/1,000 gallons HCl (or equivalent).
  - (3) Maintain 2500 psi surface casing pressure if possible; however, during acid treatment keep tubing-annulus differential at 6500 psi or less. Treat at maximum rates attainable within a limiting pressure of 10,000 psi.
  - (4) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
  - (5) Record ISIP and SIP for 5 minutes, 10 minutes, 15 minutes, and 20 minutes.

- 7. Run RA log from PBD to 12,600'±.
- 8. If well flows, release rig and put on production. When well can be controlled with water, move in. Proceed to step 9.  
If well does not flow, continue with step 9.
- 9. Remove tree. Install and test BOP equipment. Pull tubing and packer. RIH and set CIBP at 12,625'±. Dump bail one sack sand on CIBP and pressure test to 3000 psi.
- 10. Rig up lubricator and pressure test to 3000 psi. Perforate depths listed on Attachment II as follows (depth reference is O.W.P.'s GR/CBL dated 4/5/74).

- a. Perforate from bottom up at 3 JPF, 120° phasing. Use 3-1/8" OD hollow carrier casing guns with 14 gram charges for perforations in the 5" liner (11,667' to 12,616'). Use 4" OD hollow carrier casing guns with 19 gram charges for perforations in the 7" casing from (11,535' to 11,649').
  - b. Record and report wellhead pressure before and after each run.
11. a. RIH with a 7" Baker Model "C" fullbore packer or equivalent. Set at 11,500'. Pressure test tubing to 6500 psi and annulus to 3500 psi. Remove BOP equipment. Install and test 10,000 psi WP tree.
- b. If well cannot be controlled with water, run and set a 7" Baker Model "D" packer (with knockout plug) at 11,500'. Run tubing and latch into packer. Remove BOP equipment. Install and test 10,000 psi WP tree. Pressure test tubing and annulus. Rig up wireline lubricator, knock out plug with sinker bar. Allow well to flow before acid treating.
12. Acid treat new perforations (11,535' to 12,616') with 15,000 gallons of 7-1/2% HCl acid as follows:
- a. Pump 1,000 gallons of 7-1/2% HCl acid to establish injection rate.
  - b. Pump 4,000 gallons of 7-1/2% HCl, dropping one 7/8" NBS-431 or equivalent 1.3 s.g. ball sealer every 70 gallons.
  - c. Pump 1,000 gallons of 7-1/2% HCl containing 1,000# benzoic acid flakes (NDA-143 or equivalent).
  - d. Repeat step b two more times and step c one more time for a total of three stages acid with ball sealers and two stages with benzoic acid flakes plus the 1,000 gallons 7-1/2% HCl to establish inj. rate. Total of 15,000 gallons of acid and 71 ball sealers.
  - e. Flush with 110 bbls. of clean produced water containing five gallons of Tretolite X-cide 102 Biocide.
- Notes: Same as acid treatment notes in setp 6.
13. Run RA log from CIBP to 11,525'±.
14. a. If well will flow, release rig and put on production. When well can be controlled with water, move in rig and proceed to step 15.
- b. If well does not flow, proceed to step 15.
15. Remove tree. Install and test BOP equipment. Pull tubing and packer (if Model "D" was set, mill it out).

- 16. RIH and mill out the 5" CIBP at 12,625'±.
- 17. RIH with tubing, gas lift equipment and 7" Baker Model "C" fullbore packer. Set packer at 11,485'±. See Attachment III for mandrel and valve spacing. Remove BOP equipment. Install and test 10,000 psi WP tree.
- 18. Put well on production. Report well tests on morning report until production stabilizes.

*WPK*  
 Recommended J.K. ROST 10-6-82  
*DAR* Verbal R.F. Brou 10-19-82

Approved *[Signature]*  
 Date 11-3-82

# ATTACHMENT I



SHELL OIL  
COMPANY

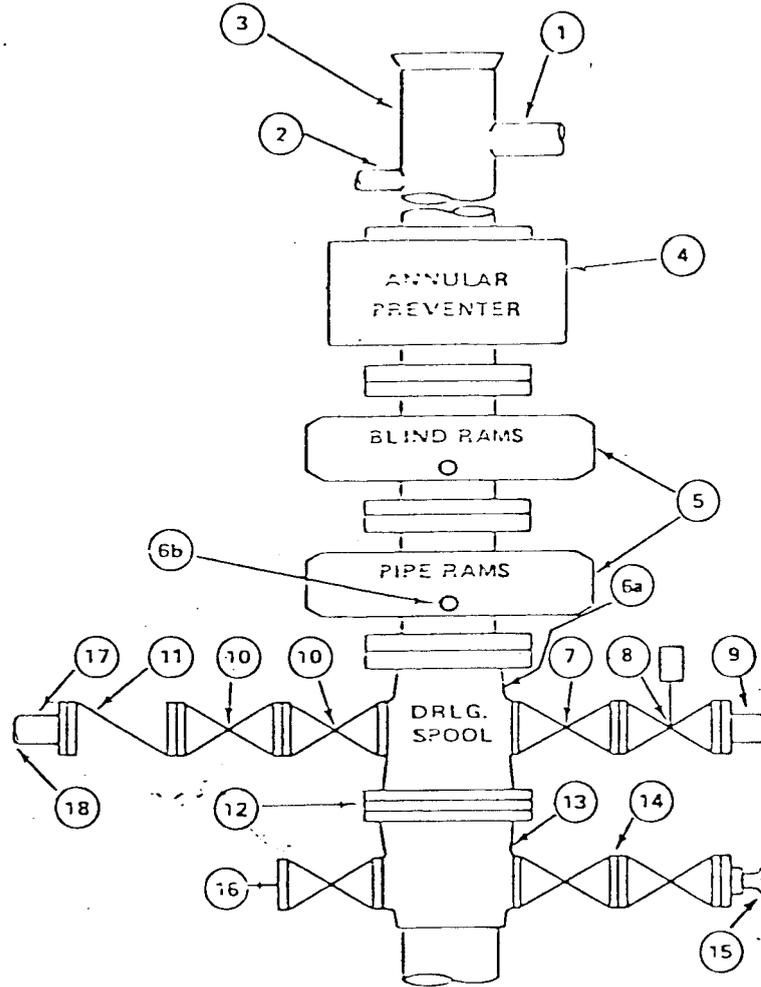
## DRAWING AND CHECK LIST 104A SHELL CLASS 5MR, 5MA 5,000 psi Working Pressure

SHELL MINIMUM BOP STACK REQUIREMENTS			
No.	Item	Min. I.D.	Min. Nominal
1	Flowline		
2	Fill up Line	3"	2"
3	Drilling Nipple		
4	Annular Preventer	7 1/16"	
5	Two single or one dual hydraulically operated rams	7 1/16"	
6a	Drilling spool with 2" and 3" min. outlets		
	or		
6b	2" and 3" outlets in ram. Run kill and choke lines from these outlets.		
7	Valve Gate <input checked="" type="checkbox"/> Plug <input checked="" type="checkbox"/>	3 1/8"	
8	Gate Valve Power Operated	3-1/8"	
9	Line to choke manifold		3"
10	Valves Gate <input checked="" type="checkbox"/> Plug <input checked="" type="checkbox"/>	2-1/16"	
11	Check Valve	2-1/16"	
12	Wear flange or bushing		
13	Casing Spool		
14	Valves Gate <input checked="" type="checkbox"/> Plug <input checked="" type="checkbox"/>	1-13/16"	
15	Compound Pressure Gauge		
16	Flanged control plug or valve	1-13/16"	
17	Kill line to rig mud pump manifold		2"

NOTE: Additional specifications for Air/Gas Service are given in Shell Well Control Manual, Appendix 5.21.

OPTIONAL			
18	Roadside connection to kill line		2"

CONFIGURATION A



ATTACHMENT II  
O.W.P.'s G.R./C.B.L. dated 4/5/74

11,535'	11,868'	12,170'
11,567'	11,877'	12,181'
11,571'	11,881'	12,203'
11,583'	11,887'	12,213'
11,626'	11,917'	12,218'
11,630'	11,928'	12,238'
11,642'	11,934'	12,251'
11,649'	11,946'	12,255'
11,667'	11,958'	12,281'
11,679'	11,962	12,292'
11,693'	11,976'	12,309'
11,703'	11,980'	12,315'
11,718'	11,984'	12,344'
11,742'	12,000'	12,363'
11,754'	12,032'	12,393'
11,767'	12,042'	12,435'
11,788'	12,068'	12,455'
11,794'	12,084'	12,492'
11,816'	12,113'	12,535'
11,820'	12,118'	12,566'
11,824'	12,123'	12,586'
11,850'	12,157'	12,616'

Total: (66 depths at 3 JPF = 198 new perforations.)

ATTACHMENT III  
Gas Lift Valve Design

TEW-1B5  
A.K.R. 9-30-82

Valve Depth	Test Rack Set Press. @ 60°F	Surface Operating Pressure	Port Size	Valve Type
28 13	13 22	13 00	3/16"	Camco BK or Equivalent
51 47	12 96	12 43	"	" "
67 89	12 68	11 92	"	" " "
78 50	12 43	11 54	"	" "
84 90	12 16	11 24	"	" " "
89 90	11 88	10 97	"	" "
94 90	11 61	10 71	"	" " "
99 90	11 33	10 45	"	" "
104 90	11 05	10 19	"	" " "
109 90	10 80	9 93	"	" "
114 35	—	—		Camco DKO-2 (Orifice w/check) or Equivalent

Design Data

PV = 1300  
GAS. S.G. = .73  
PT = 160

Temp. Grad. for 500BDG  
SURF. 70°F  
10,485 205°

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company ATTN: B. T. Ellison 6486 WCK.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001		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  1558' FNL & 671' FEL Sec. 1		8. FARM OR LEASE NAME TEW
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6648'	9. WELL NO. 1-1B5
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1 T25 R5W NE/4 NE/4
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

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

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

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

COMPLETED OPERATIONS

Acid treated the Wasatch (12,635'-15,153') with 35,000 gals. 7 1/2% HCL.  
Perforated and acid treated the Wasatch (11,535'-12,616') with 15,000 gals. 7 1/2% HCL. Returned well to production.  
Latest test 2/4/83 Avg./Prod. 284.8 BOPD, 147.8 BWPD, and 181.1 MCF gas.

18. I hereby certify that the foregoing is true and correct  
SIGNED B. T. Ellison TITLE Div. Prod. Engr. DATE February 10, 1983

(This space for Federal or State office use)

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

WELL: TEW 1-185  
LABEL: -----  
WD NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WOW 19  
AUTH. AMNT: 225000  
DAILY COST: 17319  
CUM. COST: 71880  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 01-07- THUR 01-08-83  
PRESENT STATUS: ACIDIZE WELL  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY FINISH PERF ACCORD TO PROG OWP HAD 3  
\*02\* MISRRUNS 50 LBS ON CSG AFTER PERF RD OWP BLEED  
\*03\* PRESS OFF WELL RIH W7 IN MT STATES CSI PKR PLUS  
\*04\* 45 SEAT NIPPLE AND 366 JTS TBG SET PKR AT 11480 FT  
\*05\* W/30000 LBS COMPRESSION FILL AND PRESS TEST CSG TO  
\*06\* 2500 LBS WELL READY TO ACIDIZE ON 1-8-83 SDON  
\*07\* 1-8-83 ACTIVITY DAILY COST 25709 CUM COST 97589  
\*08\* STEAMED OUT CELLAR BLEED TBG OFF PUMP 30 BBL  
\*09\* WTR DOWN TBG W/HOT OIL TRUCK REMOVE BOP SET WELLHEAD  
\*10\* ON RIH UP NOWSCO TO ACIDIZE ACCORD TO PROG  
\*11\* MAX RATE 14 AVG RATE 13.3 MIN RATE 12 MAX PRESS  
\*12\* 8350 AVG PRESS 7817 MIN PRESS 6600 BALLS 171 EACH  
\*13\* BAF 1500 LBS CSG 2500 LBS ISIP 3000 LBS 5 MIN  
\*14\* 2900 LBS 10 MIN 2600 LBS 15 MIN 2400 LBS 20 MIN 2200 LBS  
\*15\* ACID 357 BBL FLUSH 110 BBL TOTAL 467 BBL  
\*16\* RIG DOWN NOWSCO BLEED TBG OFF WELL FLOWED  
\*17\* WTR FOR 2 HRS REMOVE WELLHEAD PUT BOP ON RELEASE PKR  
\*18\* AND START OUT OF HOLE WITH TBG SDON

-----  
LABEL: -----  
WD NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WOW 19  
AUTH. AMNT: 225000  
DAILY COST: 1963  
CUM. COST: 99552  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 1-9-83 THUR 1-11-83  
PRESENT STATUS: MILL OUT CIBP  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY 5000 LBS ON TBG CIRC WELL PUMP 200 BBL  
\*02\* WTR DOWN TBG START OUT OF HOLE CSG BLEW IN  
\*03\* CIRC WELL CLEAN PUMPED 300 BBL WTR POOH LAY DOWN PKR  
\*04\* RIH W/4 1/8 IN MILL MIRACLE TOOL AND 371 JTS  
\*05\* TBG TAG LINER TOP LAY DOWN 1 JT TBG SDON 1-10-83  
\*06\* DAILY COST 2385 CUM COST 101937 ACTIVITY 0 PRESS ON  
\*07\* TBG PICK UP 30 JTS TBG TAG CIBP AT 12625 FT  
\*08\* PICK UP POWER SWIVEL MILL OUT CIBP LAY DOWN POWER SWIVEL PICK  
\*09\* UP 82 JTS TBG CLEAN OUT TO 15100 FT LAY DOWN 120  
\*10\* JTS TBG FINISH POOH W/MILL START IN HOLE W/MT  
\*11\* STATES 32-A 7 IN 26 LBS AND PLUS 45 SEAT  
\*12\* NIPPLE 364 JTS TBG AND 11 CAMCO MANDRELS RIH  
\*13\* W/20 STANDS TBG SDON 1-9-83 SUNDAY

WELL: TEW 1-185  
LABEL: -----  
WO NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WQW 19  
AUTH. AMNT: 225000  
DAILY COST: 1963  
CUM. COST: 103900  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 1-12-83  
PRESENT STATUS: TURN WELL TO PRODUCTION  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY BLEED PRESS OFF WELL FINISH RIG W/PKR  
\*02\* SET AT 11487 FT W/18000 LBS TENSION LAND TEG RIG  
\*03\* DOWN FLOOR CLEAN OUT CELLAR AND RIG REMOVE BOP  
\*04\* PUT ON WELLHEAD HOOK UP FLOWLINE TURN GAS TO  
\*05\* WELL RIG DOWN RIG AND EQUIPMENT CLEAN OUT  
\*06\* MUD TANK THIS IS A FINAL REPORT BUT 7 DAYS  
\*07\* OF TEST DATA WILL FOLLOW SOON

-----  
WELL: TEW 1-185

LABEL: FINAL REPORT  
WO NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WQW 19  
AUTH. AMNT: 225000  
DAILY COST: FINAL REPORT  
CUM. COST: 103900  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 1-14-83 THUR 1-20-83  
PRESENT STATUS: 7 DAYS TEST DATA  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: RIG MOVED FROM THIS LOCATION ON 1-12-83 THE FOLLOWING  
\*02\* TEST DATA IS FOR 7 DAYS AND IS FOR 24 HRS UNLESS OTHERWISE  
\*03\* STATED 1-14-83 OIL 174 WTR 11 GAS 678 INJ 503 CHOKES 30/9  
\*04\* 1-15-83 OIL 150 WTR 242 GAS 736 INJ 534 CHOKES 45/8  
\*05\* 1-16-83 OIL 160 WTR 224 GAS 678 INJ 480 CHOKES 64/8  
\*06\* 1-17-83 OIL 400 WTR 202 GAS 738 INJ 453 CHOKES 64/8  
\*07\* 1-18-83 OIL 337 WTR 196 GAS 707 INJ 582 CHOKES 64/8  
\*08\* 1-19-83 OIL 64 WTR 32 GAS 687 INJ 413 CHOKES 64/8  
\*09\* 1-20-83 OIL 204 WTR 65 GAS 800 INJ 504 CHOKES 30/8  
-----

FOREMAN: BARR, THOMPSON  
RIG: WOW 19  
AUTH. AMNT: 225000  
DAILY COST: 40113  
CUM. COST: 52598  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 01-05-83  
PRESENT STATUS: RIG DOWN NOWSCO PULL WELLHEAD PUT BOP ON RELEASE PKR  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY RIG UP NOWSCO TO ACIDIZE ACCORDING TO PROG  
\*02\* MAX RATE 15.6 MAX PRESS 8300 MIN RATE 9.1 MIN PRESS 6800  
\*03\* AVG RATE 12.1 AVG PRESS 7556 ISIP 1800  
\*04\* 5 MIN 0 10 MIN 0 15 MIN 0 20 MIN 0 BALLS 350 EACH  
\*05\* BAF 3000 LBS ACID 833 BBLs FLUSH 110 BBLs TOTAL  
\*06\* 943 RIG DOWN NOWSCO PULL WELLHEAD PUT ON BOP  
\*07\* RELEASE PKR START OUT OF HOLE WITH TBG SDON

-----  
WELL: TEW 1-1B5

LABEL: -----  
WD NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WOW 19  
AUTH. AMNT: 225000  
DAILY COST: 1963  
CUM. COST: 54561  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 01-06-83  
PRESENT STATUS: FINISH PERFORATING  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY BLED OFF WELL FINISH POOH W/PKR RIG  
\*02\* UP OWP SET CIBP AT 12625 FT DUMP 1 SACK OF  
\*03\* SAND ON CIBP POOH RIH W/3 1/8 IN GUN START  
\*04\* PERFORATING ACCORDING TO PROG MADE 2 RUNS  
\*05\* FINISH PERFORATING ON 1-7-83 SDON  
-----

STATE: UTAH  
FIELD: ALTAMONT  
WELL: TEW 1-1B5  
LABEL: -----  
WD NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WOW 19  
AUTH. AMNT: 225000  
DAILY COST: 2338  
CUM. COST: 8292  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 12-30-82 THUR 01-03-83  
PRESENT STATUS: FINISH PULLING OUT OF LINER  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WRT 113  
ACTIVITY: 12-30-82 ACTIVITY BLEED PRESS OFF WELL FINISH UP  
\*02\* TBG TAG AT 12950 FT RIG UP POWER SWIVEL CLEAN OUT TO  
\*03\* 14710 FT RIG DOWN POWER SWIVEL POOR W/1500 FT TBG FROM  
\*04\* 12-31-82 HOLIDAY 1-1-83 HOLIDAY 1-2-83 SUNDAY  
\*05\* 1-3-83 ACTIVITY DAILY COST 2338 CUM. COST 8292  
\*06\* BLEED PRESS OFF WELL RIM W/1500 FT TBG TAG AT 14710 FT  
\*07\* RIG UP POWER SWIVEL CLEAN OUT TO PBTR AT  
\*08\* 15100 FT RIG DOWN POWER SWIVEL LAY DOWN 83 JTS TBG FINISH  
\*09\* PULLING OUT OF LINER SOON

WELL: TEW 1-1B5  
LABEL: -----  
WD NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WOW 19  
AUTH. AMNT: 225000  
DAILY COST: 1963  
CUM. COST: 12485  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 01-04-83  
PRESENT STATUS: READY TO ACIDIZE  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY BLEED OFF WELL FINISH POOR W/MILL  
\*02\* AND MIRACLE TOOL 5 JTS FULL OF SCALE RIM W/ 5IN  
\*03\* 18 LBS 32-A MT STATES PKR AND PLUS 45 SEAT  
\*04\* NIPPLE AND 401 JTS TBG SET PKR AT 12570 FT LAND  
\*05\* TBG FILL AND PRESS TEST CSG TO 2000 LBS REMOVE  
\*06\* BOP PUT WELLHEAD ON WELL READY TO ACIDIZE  
\*07\* ON 1-5-83 SOON

STATE: UTAH  
FIELD: ALTAMONT  
WELL: TEW 1-1B5  
LABEL: FIRST REPORT  
WO NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WQW 19  
AUTH. AMNT: 225000  
DAILY COST: 1963  
CUM. COST: 1963  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 12-27-82  
PRESENT STATUS: REMOVE WELLHEAD PUT ON BOP  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY RIG UP RIG AND EQUIPT LAY MUD LINES  
\*02\* PUMP 40 BBLs WTR DOWN TBG REMOVE WELLHEAD  
\*03\* PUT ON BOP ON RIG UP FLOOR MOVE OVER 85 JTS  
\*04\* TBG FROM PIPE BASKET TO PIPE RACKS SIGN

STATE: UTAH  
FIELD: ALTAMONT

WELL: TEW 1-1B5

LABEL: -----  
WO NO.: 580507  
FOREMAN: BARRY THOMPSON  
RIG: WQW 19  
AUTH. AMNT: 225000  
DAILY COST: 1981  
CUM. COST: 3944  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: CO. PERF. AND STIM.

DATE(S): 12-28- THUR 12-29-82  
PRESENT STATUS: RIH W/4 1/8 IN MILL AND MIRACLE TOOL  
LATEST TEST: DAILY AVG FOR NOV OIL 22 WTR 113  
ACTIVITY: ACTIVITY BLEED PRESS OFF WELL PUMP 40 BBLs WTR  
\*02\* DOWN TBG REMOVE DONUT RELEASE PKR POOH LAY  
\*03\* DOWN PKR AND CAMCOS RIH W/6 1/8 IN MILL AND  
\*04\* MIRACLE TOOL SIGN 12-29-82 ACTIVITY DAILY COST  
\*05\* 2010 CUM COST 5954 BLEED PRESS OFF WELL FINISH  
\*06\* RIH W/6 1/8 IN MILL AND MIRACLE TOOL TAG LINER  
\*07\* TOP POOH LAY DOWN 6 1/8 IN MILL RIH W/4 1/8 IN  
\*08\* MILL AND MIRACLE TOOL TO 12510 FT SIGN

# Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

December 30, 1983

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

Dear Mr. Stout:

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

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

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

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

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

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

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

Yours very truly,

*G. M. Jobe*

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

GMJ:beb

Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

*Diels*  
*NT020*

~~Operator name~~  
PC BOX 576  
HOUSTON TX 77001  
ATTN: P.T. KENT, OIL ACCT.

*change*

Utah Account No. 00840

Report Period (Month/Year) 8 / 84

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
<del>BABCOCK 1-1883</del> 4301330219 01855 02S 03W 18	GR-WS	31	938	1139	9512
<del>BROTHERSON 1-26B4</del> 4301330336 01856 02S 04W 26	WSTC	30	529	4902	1019
<del>SHELL UTE 1-21B5</del> 4301330262 01860 02S 05W 21	WSTC	23	789	1024	4634
<del>HANSON TRUST 1-29A3</del> 4301330314 01861 01S 03W 29	GRRV	22	182	925	4424
<del>BROTHERSON 1-24B4</del> 4301330229 01865 02S 04W 24	WSTC	31	848	2764	4876
<del>UTE 1-12B6</del> 4301330268 01866 02S 06W 12	WSTC	31	179	20	210
<del>TEW 1-1B5</del> 4301330264 01870 02S 05W 1	GR-WS	28	3764	1874	5949
<del>GOODRICH 1-18B2</del> 4301330397 01871 02S 02W 18	GR-WS	31	1165	1239	4027
<del>MEAGHER EST 1-20B2E</del> 4304730186 01875 02S 02E 20	WSTC	31	551	466	0
<del>UTE 1-34B1E</del> 4304730198 01880 02S 01E 34	WSTC	3	10	8	0
<del>WHITEHEAD 1-22A3</del> 4301330357 01885 01S 03W 22	WSTC	24	1401	3176	956
<del>UTE TRIBAL 1-26A3</del> 4301330348 01890 01S 03W 26	WSTC	31	1999	1846	6209
<del>UTE 1-06B2</del> 4301330349 01895 02S 02W 6	WSTC	18	1701	3223	2572
TOTAL			14056	22606	44388

Comments (attach separate sheet if necessary)

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

Date 9-28-84

Telephone

Authorized signature

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  
ANR Limited Inc.

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

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

14. PERMIT NO.  
43-013-30264

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

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DEC 31 1986

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Law

9. WELL NO.  
1-185

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA  
Sec. 1 255w

12. COUNTY OR PARISH  
Wuchee

13. STATE

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) - Change 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.)

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

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

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

(This space for Federal or State office use)

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



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235  
Report Period (Month/Year) 11 / 87  
Amended Report

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
BROTHERSON 1-26B4 4301330336 01856 02S 04W 26	WSTC				
SHELL UTE 1-21B5 4301330262 01860 02S 05W 21	WSTC				
HANSON TRUST 1-29A3 4301330314 01861 01S 03W 29	WSTC				
BROTHERSON 1-24B4 4301330229 01865 02S 04W 24	WSTC				
UTE 1-12B6 4301330268 01866 02S 06W 12	WSTC				
TEW 1-1B5 4301330264 01870 02S 05W 1	WSTC				
MEAGHER EST 1-20B2E 4304730186 01875 02S 02E 20	WSTC				
WHITEHEAD 1-22A3 4301330357 01885 01S 03W 22	WSTC				
UTE TRIBAL 1-26A3 4301330348 01890 01S 03W 26	WSTC				
UTE 1-06B2 4301330349 01895 02S 02W 6	WSTC				
ELLSWORTH 1-20B4 4301330351 01900 02S 04W 20	WSTC				
LAWSON 1-28-A1 4301330358 01901 01S 01W 28	WSTC				
ELLSWORTH #2-20B4 4301331090 01902 02S 04W 20	WSTC				
TOTAL					

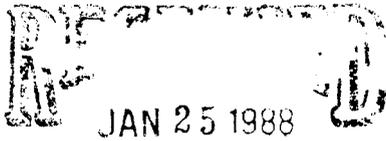
Comments (attach separate sheet if necessary) \_\_\_\_\_  
\_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_  
Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_



**ANR Production Company**  
a subsidiary of The Coastal Corporation

012712



DIVISION OF  
OIL, GAS & MINING

January 19, 1988

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

Attention: Ms. Lisha Romero

*N0675* ← This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

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

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

Very truly yours,

*Roger W. Sparks*  
Roger W. Sparks  
Manager, Crude Revenue Accounting

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

CC: AWS

CTE:mmw

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

1:39:06 pm Thursday February 2, 1989

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*****
****          1          2          3          4          5          6          7
**** 12345678901234567890123456789012345678901234567890123456789012345
*****

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* *
* 1* INSPECTOR: CG DATE ASSIGNED: 881228 DEADLINE: 890523
* 2* DATE COMPLETE: 000000
* 3*
* 4* OPERATOR : N0675 : ANR PRODUCTION COMPANY INC LEASE: FEE
* 5* WELL NAME: TEW 1-1B5 API : 43-013-30264
* 6* S: 01 T: 2.0 S R: 5.0 W
* 7* COUNTY: DUCHESNE FIELD: 055 : ALTAMONT
* 8*
* 9* ACTION TYPE: FOLLOW*UP***

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*10*
* 1* ACTION REQUIRED:
* 2* CONTACT*OPRATOR*TO*INSTALL*SIGN.*****
* 3* *****
* 4* *****
* 5* *****
* 6*

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* 7* ACTION TAKEN:
* 8* *****
* 9* *****
*20* *****

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* 4* PF KEYS: (1) NO UPDT (9) WELL DATA (12) DELETE (16) EXIT
* *

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*****
****          1          2          3          4          5          6          7
**** 12345678901234567890123456789012345678901234567890123456789012345
*****

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*Sign is on location 3/23/89*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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>		<p>5. LEASE DESIGNATION &amp; SERIAL NO. Patented</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p>
<p>2. NAME OF OPERATOR ANR Production Company</p>		<p>7. UNIT AGREEMENT NAME N/A</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749</p>		<p>8. FARM OR LEASE NAME Tew</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1550' FNL &amp; 671' FEL (NENE) Section 1 At proposed prod. zone</p>		<p>9. WELL NO. 1-1B5</p>
<p>14. API NO. 43-013-30264</p>		<p>10. FIELD AND POOL, OR WILDCAT Altamont</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6647' GL</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T2S-R5W</p>
		<p>12. COUNTY Duchesne</p>
		<p>13. STATE Utah</p>

RECEIVED  
NOV 15 1989

DIVISION OF  
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:																		
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width: 50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></td> <td>ABANDON <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	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 checked="" type="checkbox"/>	ABANDON <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">WATER SHUT-OFF <input type="checkbox"/></td> <td style="width: 50%;">REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>	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"/>	
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 checked="" type="checkbox"/>	ABANDON <input type="checkbox"/>																		
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>																		
(Other) <input 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"/>																			
APPROX. DATE WORK WILL START <u>November 20, 1989</u>	DATE OF COMPLETION _____																		

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

\* Must be accompanied by a cement verification report.

See attached proposed procedure to fish production equipment, clean out, perforate and acidize the above referenced well.

OIL / GAS	
	DF
1-2	GLH
	SLS
2-TAS	
3-	MICROFILM
4-	FILE

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

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 11/13/89  
(This space for Federal or State office use)

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

APPROVED BY THE STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 DATE: 11-22-89  
John R. Dyer

PROCEDURE TO FISH PRODUCTION EQUIPMENT, PERFORATE & ACIDIZE

TEW #1-1B5  
 Section 1, T2S, R5W  
 Duchesne County, Utah

WELL DATA

Location: 1558' FNL & 671' FEL, Section 1, T2S, R5W  
 Elevation: 6684' KB  
 Total Depth: 15,200'  
 PBTD: 15,100'  
 Casing: 13-3/8" 68# K-55 @ 300'  
 9-5/8" 40# K-55 @ 7140'  
 7" 26# SOO-95, S-95, GR-95 @ 11,882'  
 5" 18# SOO-95, N-80 Liner from 11,659'-15,060'  
 Tubing: 2-7/8" 6.5# 8rd N-80 @ 11,659'  
 TAC @ 11,659', TSN @ 11,554'  
 Rods: 1225' - 7/8", 4975' - 3/4", 250' - 1", Electra "E1"; TOF @ 1325'  
 Pump: Hyland 2-1/2" x 1-1/2" x 24' x 26' RHBC  
 Perfs: 11,535'-15,153' Wasatch (777 holes)

TUBULAR DATA

Description	ID	Drift	Capacity, B/F	Burst, PSI	Collapse, PSI
9-5/8" 40# K-55	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95	6.276"	6.151"	0.0382	8600	7800
5" 18# SOO-95	4.276"	4.151"	0.01776	12040	11880
2-7/8" 6.5# N-80	2.441"	2.347"	0.00579	10570	11160

Present Status: Shut-in 9/27/89. 60 day Cessation of Production Clause.

PROCEDURE

1. MIRU well service equipment and BOPE. Kill well if necessary. POOH w/existing 1" sucker rod section.
2. RU wireline service. RIH w/collar locator to determine exact location of fish top. POOH. If 7/8" rod section is above 5-1/2" x 3-1/8" tubing OS, RIH w/ 2-5/16" x 7/8" OS and 2-1/4" jar and bumper sub on 1-1/2" MT drill pipe. Latch rods & jar rods apart below tbg overshot. If 7/8" rod section is below 5-1/2" x 3-1/8" tubing OS, proceed to Step #3.
3. RIH w/2-3/8" chemical cutter. Cut 2-7/8" tbg off below overshot. POOH w/2-7/8" tbg and 5-1/2" x 3-1/8" tubing overshot.
4. RIH w/slimhole 3-5/8" x 2-7/8" OS on 2-7/8" tbg and latch tbg part. Continue to fish rods w/1-1/2" MT drill pipe to within +/-200' of tubing anchor catcher. POOH.
5. RU wireline service. RIH w/2-3/8" chemical cutter and cut 2-7/8" tbg off. POOH w/2-7/8" tbg.

Workover Procedure

Tew #1-1B5

Page Two

6. RIH w/5-3/4" x 2-7/8" OS and 4-3/4" bumper sub, jars, intensifier and 4 - 4-3/4" spiral drill collars on 2-7/8" tbg. Latch 2-7/8" tbg cut. Jar tubing anchor catcher loose. POOH w/BHA and rod production equipment on 2-7/8" tbg.
7. PU & RIH w/ 4-1/8" mill and CO tools on 2-7/8" x 2-3/8" tbg. CO 5" liner to PBTD @ 15,100'. POOH & LD tools.
8. RU wireline service company. RIH w/3-1/8" csg gun, 3 SPF, 120° phasing and perforate the Wasatch from 11,196' to 15,066', 116 settings, 348 total holes per the attached prog.
9. PU & RIH w/7" treating pkr and +/-11,175' 3-1/2" N-80 9.3# tbg. Set pkr @ +/-11,175'. Test tbg to 9000 psi on TIH.
10. Acidize Wasatch perfs from 11,175' to 15,153' (777 old holes; 348 new holes) w/33,800 gals 15% HCl w/1125 ball sealers and specified additives. Max treating pressure 8500 psi. NOTE: Acid job should be designed to include:
  - A) all fluids be heated to 150° F.
  - B) precede acid w/250 bbls 3% KCl wtr w/10 gal per 1000 gals scale inhibitor and 500 gals Xylene.
  - C) all water to contain 3% KCl.
  - D) acidize w/4 stages of 8450 gal each and 3 diverter stages of 2200 gal gelled saltwater w/ 1/2#/gal of Benzoic acid flakes and 3/4#/gal rock salt.
11. Flow/swab back acid load.
12. Kill well w/filtered 3% KCl wtr. Release pkr & POOH.
13. RIH w/production equip and return well to producing status.

Perforation Schedule  
 Tew #1-1B5  
 NE/4 Section 1, T2S-R5W  
 Duchesne County, Utah

Reference Log: Schlumberger FDC-CNL, Run One (1-25-74) and Run Two (3-8-74)

11,196	11,510	12,312	12,991	13,504	14,302
	514	336	996	507	351
11,205	524	342		518	376
212	528	376	13,006	541	386
222	539	394	060	545	
229	556		090		14,414
246		12,464	096	13,725	443
250	11,614			730	
267	621	12,573	13,168	764	14,506
284	642	595			
			13,206	13,849	14,660
11,303	11,737	12,626	274	852	
313		654	284	889	14,736
343	11,809	698			760
372			13,349	13,902	788
395	12,046	12,720	356	933	
	080	773	373	968	14,822
11,428	096	781		972	848
443		788	13,400		856
447	12,214	796	403	14,036	
	226		412	039	14,926
11,456	292	12,800	422	094	956
470		839	432		979
491		871	458		
		875	472		15,022
		882	481		066

New Perforations: 21 zones, 26 feet, 78 perforations

Infill Perforations: 70 zones, 90 feet, 270 perforations

Totals: 91 zones, 116 feet, 348 perforations

Attachment to W. Cole letter dated October 26, 1989.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION & SERIAL NO. Patented
		6. IF INDIAN ALLOTTEE OR TRIBE NAME N/A
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME N/A
2. NAME OF OPERATOR ANR Production Company		8. FARM OR LEASE NAME Tew
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749		9. WELL NO. 1-1B5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1550' ENL & 671' FEL (NENE) At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T2S-R5W
14. API NO. 43-013-30264	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6647' GL	12. COUNTY Duchesne
		13. STATE Utah

RECEIVED

FEB 01 1990

DIVISION OF  
OIL, GAS & MINING

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"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) Fishing Operation <input checked="" type="checkbox"/> <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____	DATE OF COMPLETION _____

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

\* Must be accompanied by a cement verification report.

See attached chronological report for the fishing of production equipment operation on the above referenced well.

SHS

1-TAS ✓

2- MICROFILM ✓

3- FILE

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

SIGNED Timothy P. Sciba TITLE Administrative Manager DATE 1-29-90

(This space for Federal or State office use)

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

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

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (FISH PROD EQUIP)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH

Page 3

12/29/89 Fish tbg & TAC. Fin RIH w/5-7/8" x 2-7/8" OS & BHA. Tag fish @ 11,651'.  
POOH. Rec'd 1' piece of 2-7/8" tbg.  
DC: \$3,362 TC: \$139,618

1/2/90 Wash over TAC. RIH w/6-1/8" x 5-3/4" WOS & WP w/BHA. Tag fish @ 11,651'.  
Start milling over fish.  
DC: \$3,903 TC: \$143,521

1/3/90 Wash over TAC. Mill over fish 4'. POOH w/mill. Mill worn out. Start RIH  
w/new 6-1/8" x 5-3/4" WOS & WP & BHA.  
DC: \$4,765 TC: \$148,286

1/4/90 Wash over TAC. Fin RIH w/6-1/8" x 5-3/4" WOS & WP to 11,655'. Wash over  
TAC to 11,658'. Circ 200 BW.  
DC: \$6,192 TC: \$154,478

1/5/90 Wash over TAC. Wash over TAC @ 11,658'. Could not make any hole. POOH  
w/4-1/8" WOS. Mill worn out. Start RIH w/new 6-1/8" x 5-3/4" WOS.  
DC: \$4,523 TC: \$159,001

1/8/90 CO 5" liner. Fin RIH w/6-1/8" x 5-3/4" WOS. Tag fish @ 11,658'. TAC  
spinning. POOH w/BHA. Rec'd TAC. Final report for this AFE to fish prod  
equip.  
DC: \$4,555 TC: \$163,556

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (FISH PROD EQUIP)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH

Page 2

12/7/89 POOH w/1-1/2" DP. POOH w/2-7/8" tbg. No fish. RIH w/5-3/4" x 2-7/8" OS & latch @ 6331'. RIH w/2-5/16" x 1-3/8" tapered OS & tag rod fish @ 6446'. Could not latch.  
DC: \$3,730 TC: \$78,755

12/8/89 Fish rods. POOH w/OS. RIH w/2-5/16" x 1-1/8" tapered OS to fish @ 6446'. Latch fish & part. POOH. Rec'd 27 - 3/4" rods. RIH w/2-5/16" x 1-5/8" OS.  
DC: \$4,954 TC: \$83,709

12/11/89 Fish rods. Tag rod fish @ 7110'. Latch fish. POOH. Rec'd 17 - 3/4" rods. RIH w/2-5/16" x 1-5/8" OS. Latch fish.  
DC: \$3,890 TC: \$87,599

12/12/89 Fish rods. Pmp 200 BW dwn csg. POOH w/OS. Grapple broke. RIH w/2-5/16" x 1-5/8" OS & latch fish @ 7535'. POOH. Rec'd 18 - 3/4" rods. RIH w/2-5/16" x 1-1/2" OS to fish @ 7985'. Latch fish.  
DC: \$4,045 TC: \$91,644

12/13/89 Prep to RIH w/1-1/2" tbg. Pmpd 200 bbl hot wtr dwn csg to soften wax. Attempted to pull out rods w/o success. Rotate on rods & 1-1/2" tbg parted at sfc. POOH laying dwn 546' of corkscrewed 1-1/2" tbg.  
DC: \$4,573 TC: \$96,217

12/14/89 RIH w/2-5/16" x 2" tap & tag 1-1/2" fish @ 610'. POOH. Rec'd 3/4" rod top. Rod fish in hook shape. Attempt manual back-off.  
DC: \$5,171 TC: \$101,388

12/15/89 Fish rods & tbg. POOH w/2-7/8" tbg & OS. Rec'd 48 jts corkscrewed 2-7/8" tbg. Start RIH w/5-3/4" x 3-21/32" OS & BHA. Rod fish @ 7985'. Tbg fish @ 7904'.  
DC: \$2,398 TC: \$103,786

12/18/89 Strip out rods & tbg. Fin RIH w/5-3/4" x 3-21/32" OS & BHA. Latch fish @ 7904'. Tbg pulled free @ 105 pts. POOH w/OS & BHA on 2-7/8" tbg. LD 50 - 3/4" rods & 27-jts 2-7/8" tbg.  
DC: \$3,688 TC: \$107,474

12/19/89 Latch fish & jar loose. Pmp 100 BW dwn csg. Strip out rods, tbg & rod pump. Remaining fish - 1 perf jt 2-7/8" tbg & 7" TAC. TOF @ 11,626'. RIH w/5-3/4" x 3-21/32" OS & BHA.  
DC: \$5,808 TC: \$113,282

12/20/89 Fish TAC. SICP 200#. Latch fish @ 11,627'. POOH w/9' piece of 2-7/8" perf jt split wide open. Start RIH w/WO shoe & WP.  
DC: \$2,197 TC: \$115,479

12/21/89 WO fish. Fin RIH w/WO shoe & WP. Tag fish @ 11,628'. WO fish for 18'.  
DC: \$5,499 TC: \$120,978

12/22/89 WO TAC. WO fish to 11,647'. POOH w/BHA. Start RIH w/6-1/8" x 4-1/2" WOS & WP.  
DC: \$4,358 TC: \$125,336

12/27/89 RIH w/OS & jars. Fin RIH w/6-1/8" x 4-1/2" WOS & WP. Flush tbg w/70 BW. Tag fish @ 11,647'. WO TAC for 5'. POOH w/BHA.  
DC: \$5,840 TC: \$131,176

12/28/89 Fish w/5-7/8" grapple. PU & RIH w/5-3/4" OS w/i-jt WP, BS & jars. Tag fish @ 11,652'. Workover fish. Slip off fish. POOH no fish. RIH w/impress blk. Shows tbg. RIH w/5-7/8" grapple.  
DC: \$5,080 TC: \$136,256

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

TEW #1-1B5 (FISH PROD EQUIP)

ALTAMONT/BLUEBELL FIELD

DUCHESNE COUNTY, UTAH

WI: 39.8616% ANR AFE: 62915

TD: 15,200'

CSG: 5" LINER @ 11,659'-15,060'

PERFS: 11,535'-15,153' (WASATCH)

CWC(M\$): \$142.8

- 11/17/89 POOH w/1" rods. MIRU.  
DC: \$292 TC: \$292
- 11/20/89 Fish rods. SICIP 500#. ND rod tree. NU BOPS. RIH w/CCL. Rod top @ 1304'. RIH w/2-5/16" x 7/8" OS on 1-1/2" MT drill pipe. Latch fish. POOH. Rec'd 14' x 7/8" rod. RIH w/CCL. Rod top @ 1318' @ tbg OS. Work 2-7/8" tbg. Unable to rel tbg OS.  
DC: \$7,250 TC: \$7,542
- 11/21/89 Fish tbg. SITP 100#. Back off 2-7/8" tbg. POOH w/143 jts 2-7/8" tbg & 5 - 7/8" rods. TOF @ 4505'. 79-jts 2-7/8" tbg bent. RIH w/imp blk. Pmp 100 BW dwn csg. Tag fish @ 4505'. 2-7/8" collar looking up.  
DC: \$3,533 TC: \$11,075
- 11/22/89 Cut tbg. RIH w/5-3/4" overshot. Latch onto fish @ 4505'. Wk tbg to 100,000 psi. Still stuck. RIH w/chem cutter. Tag rods @ 5098'. Cut tbg @ 5087'. Attempt to pull tbg. Tbg would not pull apart.  
DC: \$23,089 TC: \$34,164
- 11/27/89 Fish rods. Cut tbg @ 5082'. POOH & LD 18-1/2 jts tbg. PU & RIH w/5-3/4" OS. Latch onto fish @ 5088'. PU & RIH w/2-5/16" OS w/1-5/8" grapple on 1-1/2" tbg. Prep to fish rods.  
DC: \$5,254 TC: \$39,418
- 11/28/89 Cont fish rods. Tag & latch onto fish @ 5321'. POOH & LD 9 - 7/8" rods. Retag & latch onto fish @ 5546'. LD 35 - 7/8" rods & 1 - 3/4" rod. Total 1125' rods.  
DC: \$5,970 TC: \$45,388
- 11/29/89 Cutting tbg. RIH w/1-1/2" tbg. 8000 psi of drag. Tag & latch onto rods @ 6446'. POOH no fish. Prep to cut tbg.  
DC: \$4,103 TC: \$49,491
- 11/30/89 Fish rods. RIH w/chem cutter. Cut tbg @ 6340'. LD 39 jts bad tbg, 1267'. RIH w/5-3/4" OS w/2-7/8" grapple. Tag & latch onto fish @ 6331'. RIH w/2-5/16" OS w/1-5/8" grapple on 1-1/2" tbg. Latch onto fish @ 6446'.  
DC: \$6,325 TC: \$55,816
- 12/1/89 Work 2-7/8" tbg. POOH w/1-1/2" DP. Rec'd 3/4" rod box. RIH w/2-5/16" x 1-5/8" OS to 6446'. Latch fish. POOH. Lost grapple. Rerun OS on 1-1/2" DP. POOH. Lost grapple.  
DC: \$4,521 TC: \$60,337
- 12/4/89 Jar fish loose. SITP 300#. Work 2-7/8" tbg. POOH w/2-7/8" tbg & OS. RIH w/5-3/4" x 2-7/8" OS & BHA on 2-7/8" tbg. Latch fish @ 6331'. Jarring fish.  
DC: \$6,405 TC: \$66,742
- 12/5/89 Back off rods. Unable to jar fish loose. POOH w/BHA. RIH w/5-3/4" x 2-7/8" OS & latch 2-7/8" tbg @ 6331'. RIH w/2-5/16" x 1-1/2" OS on 1-1/2" DP. Latch fish @ 6446'. Pull loose. POOH. OS egged.  
DC: \$4,205 TC: \$70,947
- 12/6/89 RIH w/2-5/16" x 1-7/16" OS on 1-1/2" DP to rod fish @ 6446'. Could not latch fish. POOH. Attempt to back off tbg. POOH w/2-7/8" tbg. Backed off at OS. RIH w/2-7/8" tbg & screw into OS. Attempt back off.  
DC: \$4,078 TC: \$75,025

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

8

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 & SERIAL NO. Patented
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1558' FNL & 671' FEL At proposed prod. zone		8. FARM OR LEASE NAME Tew
14. API NO. 43-013-30264		9. WELL NO. 1-1B5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6647' GL		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T2S-R5W
		12. COUNTY Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____		DATE OF COMPLETION	January 19, 1990
APPROX. DATE WORK WILL START _____			

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

\* Must be accompanied by a cement verification report.

See attached chronological report to clean out, perforate and acidize the referenced well.

1-TAS
2- MICROFILM
3- FILE

18. I hereby certify that the foregoing is true and correct  
SIGNED Timothy R. Sciba TITLE Administrative Manager DATE 2-19-90  
(This space for Federal or State office use)

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

See Instructions On Reverse Side

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 4

TEW #1-1B5 (CO, PERF & ACDZ)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 39.8616% ANR      AFE: 62916  
TD: 15,200'  
CSG: 5" LINER @ 11,659'-15,060'  
PERFS: 11,535'-15,153' (WASATCH)  
CWC(M\$): \$129.8

1/9/90      POOH w/CO tools. RIH w/4-1/8" mill & CO tools to 15,055'. CO 5" liner to 15,075'.  
DC: \$5,163      TC: \$5,163

1/10/90     RIH w/7" pkr on 3-1/2" tbg. POOH w/CO tools. Perf Wasatch & LGR form from 11,196'-15,066' (116') w/3-1/8" gun, 3 SPF, 120° phasing. No press incr.  
DC: \$15,815      TC: \$20,978

1/11/90     Prep to acdz. SITP 100#. RIH w/7" pkr on 3-1/2" tbg. Set pkr @ 11,145'. Well kicking.  
DC: \$5,076      TC: \$26,054

1/12/90     Prep to acdz. SITP 500#. Press tst 7" csg to 2000#. Bled off 600#/6 mins. Reset pkr @ 11,114'. Re-test.  
DC: \$4,943      TC: \$30,997

1/15/90     Swab back load volume. SITP 850#. Acdz Wasatch w/33,800 gals 15% HCl w/add & diverters & 1125 - 1.1 B.S. MTP 8500#, ATP 7800#, MIR 34 BPM, AIR 22 BPM. ISIP 700#, 5 min 0#. 1200 BLWTR. Good diversion. RU swab equip. IFL @ 7150'. Swbd 9 runs. FFL @ 7700'. Rec'd 43 BLW & 3 BO.  
DC: \$62,875      TC: \$93,872

1/16/90     POOH w/7" pkr. SITP 100#. IFL @ 3850'. Swbd 13 runs. FFL @ 4300'. Rec'd 113 BO. Start POOH w/7" pkr on 3-1/2" tbg.  
DC: \$3,422      TC: \$97,294

1/17/90     RIH w/86 tapered rod string. Fin POOH w/7" pkr on 3-1/2" tbg. Start RIH w/7" TAC, PBGA & PSN.  
DC: \$43,840      TC: \$141,134

1/18/90     RIH w/rods & pump. Fin RIH w/7" TAC, PBGA & PSN. Set TAC @ 9658'. ND BOPS. Land tbg w/18,000#. NU WH. Start RIH w/1-3/4" pump on 86 tapered rod string.  
DC: \$4,438      TC: \$145,572

1/19/90     Place well on rod pmp prod. Fin RIH w/1-3/4" pmp on 86 tapered rod string. Space out. Hang well off. Press tst tbg to 1000#. RDSU.  
DC: \$19,696      TC: \$165,268

1/19/90     Pmpd 216 BO, 39 BW, 173 MCF/20 hrs.

1/20/90     Pmpd 336 BO, 0 BW, 192 MCF.

1/21/90     Pmpd 294 BO, 0 BW, 200 MCF.

1/22/90     Pmpd 318 BO, 0 BW, 200 MCF.

1/23/90     Pmpd 289 BO, 0 BW, 183 MCF.

1/24/90     Pmpd 299 BO, 0 BW, 163 MCF.

1/25/90     Pmpd 337 BO, 5 BW, 145 MCF.

Before on rod pmp avg'd: 15 BOPD, 41 BWPD, 58 MCFPD. Final report.

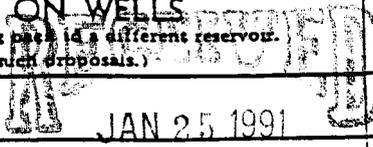
STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.  
Patented

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

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

UNIT AGREEMENT NAME  
N/A

2. NAME OF OPERATOR  
ANR Production Company

8. FARM OR LEASE NAME  
Tew

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

9. WELL NO.  
1-1B5

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface 1558' FNL & 671' FEL (NENE)  
At proposed prod. zone  
Same as above

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 1, T2S-R5W

14. API NO.  
43-013-30264

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6647' GL

12. COUNTY  
Duchesne

13. STATE  
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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____		DATE OF COMPLETION 1/9/91	

APPROX. DATE WORK WILL START \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

Please see the attached chronological report for the procedure to fish production equipment, clean out, perf and acidize the above-referenced well.

18. I hereby certify that the foregoing is true and correct  
SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE 1-23-91

(This space for Federal or State office use)

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

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (FISH RODS & TBG, SQZ CSG, ACDZ)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 59.7805% ANR      AFE: 63265

Page 6

12/19/90 WO csg inspect log. Press tst 7" csg to 2500 psi. Held. POOH w/pkr.  
Prep to run csg inspect log.  
DC: \$3,434      TC: \$137,548

12/20/90 Prep to run csg inspect log.

12/21/90 Prep to retrieve bridge plug. RIH w/Schlumberger PAL logging tool from  
5000' to 11060'. No hole. PU retrieving head.  
DC: \$8,365      TC: \$145,913

12/26/90 Fin POOH w/RBP. Hydrotst TIH w/retrieving hd. Rls RBP and start POOH.  
DC: \$5,439      TC: \$151,352

12/27/90 Prep to CO 5" ln. PU & RIH w/4-1/8" mill & CO tools.  
DC: \$16,190      TC: \$167,542

12/28/90 Fin POOH w/CO tool. RIH w/2-7/8" tbg. CO 3 bridges 11,659'-15,017'. CO  
hard fill 15,017'-15,022'.  
DC: \$6,459      TC: \$174,001

12/31/90 Set pkr. POOH w/CO tools. Start RIH w/7" pkr on 3-1/2" tbg.  
DC: \$3,215      TC: \$177,216

1/2/91 Swab back load volume. Fin RIH w/7" pkr on 3-1/2" tbg & set @ 11,052'.  
Acdz w/32,000 gals 15% HCl w/add & div + 1000 - 1.1 B.S. MTP 7240#, ATP  
5700#, MIR 33 BPM, AIR 28 BPM, ISIP 2200#, 5 min - 0#, 1384 BLWTBR. Good  
diversion.  
DC: \$50,912      TC: \$228,128

1/3/91 POOH w/pkr. RU swab equip. IFL @ 7500'. Swbd 15 runs. FFL @ 7400'.  
Rec'd 78 BO, 64 BLW, 1320 BLWTR. Rel pkr.  
DC: \$15,715      TC: \$243,843

1/4/91 RIH w/rod pmp BHA. POOH w/7" pkr on 3-1/2" tbg.  
DC: \$5,632      TC: \$249,475

1/7/91 RIH w/rod string. RIH w/rod pmp BHA on 2-7/8" tbg. Set TAC @ 9647'. ND  
BOP, NU WH.  
DC: \$3,244      TC: \$252,719

1/8/91 Place well on prod. Start RIH w/rod pmp on 86 tapered rod string.  
DC: \$2,517      TC: \$255,236

1/9/91 Fin RIH w/rod pump on 86 tapered rod string. Hung well off. P.T. tbg to  
500#. RDSU.  
DC: \$70,195      TC: \$325,431

1/9/91 Pmpd 182 BO, 344 BW, 42 MCF/20 hrs.

1/10/91 Pmpd 137 BO, 226 BW, 36 MCF.

1/11/91 Pmpd 101 BO, 260 Bw, 41 MCF.

1/12/91 Pmpd 82 BO, 261 BW, 52 MCF.

1/13/91 Pmpd 76 BO, 268 BW, 55 MCF.

1/14/91 Pmpd 67 BO, 247 BW, 48 MCF.

1/15/91 Pmpd 67 BO, 273 BW, 28 MCF.

Before on rod pump avg'd: 67 BOPD, 277 BWPD, 94 MCFPD. Final report.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 5

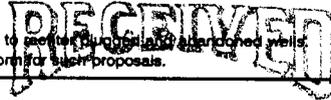
TEW #1-1B5 (FISH RODS & TBG, SQZ CSG, ACDZ)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 59.7805% ANR AFE: 63265  
TD: 15,200' PBD: 15,100'  
CSG: 5" LINER @ 11,659'-15,200'  
PERFS: 11,196'-15,100' (L. GREEN RIVER/WASATCH)  
CWC(M\$): \$200.8

- 11/28/90 POOH w/rods. SIP 1100 psi. MIRU. Blow well dwn overnight.  
DC: \$19,968 TC: \$19,968
- 11/29/90 RIH w/left hand rods. Fin POOH w/rod. PU & RIH w/overshot & 1" left hand  
rods.  
DC: \$2,945 TC: \$22,913
- 11/30/90 Cont fishing. Wk left hand rods thru wax plug @ 8150'. Rods prtd. Box  
stripped. Fish prtd rods. RIH w/rods to 8338'. Working thru wax.  
DC: \$13,040 TC: \$35,953
- 12/3/90 Fish rods. Latch fish. POOH. Rec'd 4 - 3/4" rods. RIH w/fishing string  
to 8432'. Hit hard wax.  
DC: \$8,539 TC: \$44,492
- 12/4/90 Fish rods. Unable to work OS over fish. Attempt to circ well W/O success.  
Unable to rel TAC or back off tbg.  
DC: \$10,872 TC: \$55,364
- 12/5/90 Fish BHA. Prep to cut off tbg above rod fish.  
DC: \$0 TC: \$55,364
- 12/6/90 RIH w/cutter on WP. RIH w/2-1/8" gauge ring to 8491'. Punch hole in tbg @  
8425'. Flush tbg. Cut tbg off @ 8529'. POOH w/273 jts 2-7/8" tbg & 20'  
cut-off jt.  
DC: \$8,782 TC: \$64,146
- 12/7/90 RIH w/outside cutter. PU & RIH w/38 jts WP & outside tbg cutter to 7453'.  
DC: \$8,899 TC: \$73,045
- 12/10/90 Rerun cutter. RIH w/WP & outside tbg cutter to PBGA @ 9548'. Unable to  
release cutter. POOH w/BHA.  
DC: \$8,528 TC: \$81,573
- 12/11/90 RIH w/WO shoe. Rerun WP & cutter. Stuck cutter @ 9358'. Pull free.  
Attempt to cut @ 8554'. Unsuccessful. Cont to POOH.  
DC: \$8,286 TC: \$89,859
- 12/12/90 LD WP & fishing tools. Fin POOH w/WP & BHA. Rec'd 33 jts 2-7/8" tbg, 38 -  
3/4" rods, 2 - 1" rods & rod pump. Btm 3 jts 2-7/8" tbg plugged solid  
w/scale. TOF @ 9556'.  
DC: \$6,415 TC: \$96,274
- 12/13/90 LD HH, rods. RIH w/6-1/8" WO shoe & 4 jts WP on 2-7/8" tbg to 8382'.  
DC: \$6,180 TC: \$102,454
- 12/14-16/90 POOH w/fish. Fin RIH w/6-1/8" WO shoe & WP to 9485'. RIH w/338 - 1" LH  
rods. LD same. RIH & tag fish @ 9558'. MO scale to TAC @ 9561'. POOH.  
RIH w/5-3/4" OS & BHA. Latch fish @ 9552' & jar free. Start POOH w/fish.  
Dragging & hanging up.  
DC: \$9,578 TC: \$112,032
- 12/17/90 Fin RIH w/bit & csg scraper. Fin POOH & LD fish. PU & RIH w/6-1/8" bit &  
7" csg scraper to ln top.  
DC: \$6,485 TC: \$130,503
- 12/18/90 Prep to press tst 7" csg. CO 7" csg to ln top @ 11,650'. POOH. PU &  
start RIH w/7" RBP & pkr.  
DC: \$3,611 TC: \$134,114

TATE 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 modify, plug or seal abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.



1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Patented
2. Name of Operator: ANR Production Company		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749		7. Unit Agreement Name: N/A
4. Location of Well Footages: 1558' FNL & 671' FEL QQ, Sec., T., R., M.: SE/NE Section 1, T2S-R5W		8. Well Name and Number: Tew #1-1B5
DIVISION OF OIL, GAS & MINING (303) 573-4476		9. API Well Number: 43-013-30264
		10. Field and Pool, or Wildcat: Altamont
		County: Duchesne State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>Lower Seating Nipple</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>8/24/92</u>
	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)

Please see the attached morning reports for the work performed on the above referenced well.

13. Name & Signature: Eileen Danni Dey Title: Regulatory Analyst Date: 5/4/93

(This space for State use only)







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:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:

Tew #1-1B5

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-30264

3. Address and Telephone Number:

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat:

Altamont

4. Location of Well

Footages: 1558' FNL & 671' FEL

County: Duchesne

QQ, Sec., T., R., M.: NE/NE Section 1, T2S-R5W

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
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start 6/21/93

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

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

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

\* Must be accompanied by a cement verification report.

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

Please see the attached procedure to fish production equipment, cleanout, perf and acidize the above referenced well.

**RECEIVED**

JUN 01 1993

DIVISION OF  
OIL, GAS & MINING

*6-2-93*  
*FR Matthews*

13.

Name & Signature:

*Eileen Danni Dey*  
Eileen Danni Dey

Title: Regulatory Analyst

Date: 5/26/93

(This space for Stats use only)

PROCEDURE TO FISH PRODUCTION  
EQUIPMENT, PERFORATE & ACIDIZE

TEW #1-1B5  
Section 1, T2S, R5W  
Duchesne County, Utah

WELL DATA

Location: 1558' FNL & 671' FEL, Section 1, T2S, R5W  
 Elevation: 6684' KB  
 Total Depth: 15,200'  
 PBTD: 15,075'  
 Casing: 13-3/8" 68# K-55 @ 300'  
 9-5/8" 40# K-55 @ 7140'  
 7" 26# S00-95, S-95, GR-95 @ 11,882'  
 5" 18# S00-95, N-80 liner from 11,659'-15,198'  
 Tubing: 2-7/8" 6.5# 8rd N-80 @ 11,659'  
 TAC @ 10,437', TSN @ 10,323'  
 Perfs: 11,175-15,153' Wasatch (1125 holes)

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u> (B/F)	<u>Burst</u> (psi)	<u>Collapse</u> (psi)
9-5/8" 40# K-55	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95	6.276"	6.151"	0.0382	8600	7800
5" 18# S00-95	4.276"	4.151"	0.01776	12040	11880
2-7/8" 6.5# N-80	2.441"	2.347"	0.00579	10570	11160

WELL HISTORY

June 1974: Initial completion. Perf from 13,276' to 15,153', 1 SPF, 97 total holes. Acidize w/25,300 gals 15% HCl. Frac'd same perforated interval w/48,300 psi 20-40 sand (sanded out).  
 FLWD: 1593 BOPD, 18 BWP, and 1465 MCFPD

December 1975: Install gas lift.  
 Prior Prod: 10 BOPD, 5 BWP, 32 MCFPD  
 Post Prod: 90 BOPD, 5 BWP, 13 MCFPD

February 1978 Perf 12,635' to 14,953', 3 SPF, 282 holes.  
 Prior Prod: Gas lift 14 BOPD, 28 BWP, 78 MCFPD  
 Post Prod: FLWD 358 BOPD, 69 BWP, 367 MCFPD

April 1978 Acidize perfs from 12,635' to 15,153' with 29,000 gals 7½% HCl.  
 Prior Rate: FLWD 375 BOPD, 50 BWP, 490 MCFPD  
 Post Rate: Gas lift 1138 BOPD, 30 BWP, 1056 MCFPD

January 1980 Acidize all perfs w/15,000 gals 7½% HCl.  
 Prior Prod: Gas lift 100 BOPD, 133 BWP, 65 MCFPD  
 Post Prod: Gas lift 139 BOPD, 111 BWP, 214 MCFPD

- November 1980 CO to 15,100'. Acidize all perforations with 19,000 gals 15% HCl.  
Prior Prod: Gas lift 128 BOPD, 150 BWP, 141 MCFPD  
Post Prod: No change in production.
- January 1983 CO to 15,100'. Acidize perfs from 12,635' to 15,153' w/35,000 gals  
7½% HCl. Perforate 3 SPF, 11,535' to 12,616', 198 perfs. Acidize  
perfs from 11,535' to 12,616' with 15,000 gals 7½% HCl.  
Prior Prod: Gas lift 22 BOPD, 92 BWP, 75 MCFPD  
Post Prod: Gas lift 337 BOPD, 196 BWP, 707 MCFPD
- March 1984 CO to 15,060'. Install beam pump.  
Prior Prod: Gas lift 119 BOPD, 252 BWP, 69 MCFPD  
Post Prod: Pump 161 BOPD, 391 BWP, 197 MCFPD
- January 1990 CO to 15,075'. Perf Lower Green River and Wasatch 11,196' to  
15,066', 348 perforations, 3 SPF. Acidize all perforations with  
33,800 gals 15% HCl.  
Prior Prod: 15 BOPD, 41 BWP, 58 MCFPD  
Post Prod: 337 BOPD, 5 BWP, 145 MCFPD
- January 1991 Fish parted rods and tubing. CO to 15,022'. Acidize all perfs  
with 32,000 gals 15% HCl. Test csg for leak, none found.  
Prior Prod: 67 BOPD, 277 BWP, 94 MCFPD  
Post Prod: 67 BOPD, 273 BWP, 28 MCFPD

#### PRESENT STATUS

Shut in with fish in the hole. Last production March 3, 1993 - 16 BO, 91 BW, 43 MCF,  
8.7 SPM, 1½" pump, 168" stroke.

#### PROCEDURE

- 1) MIRU. Stand back rod string. NU BOPE. Stand back 2-7/8" tbg string.
- 2) PU & RIH w/2-7/8" mill out extention, 5-3/4" x 2-7/8" OS, 4-3/4" bumper sub, jars,  
intensifier and 4 - 4-3/4" spiral drill collars on 2-7/8" tbg. Dress off top of  
on-off tool at ± 10,363'. Lower overshot over on-off tool and latch onto 4.07'  
tbg sub. Attempt to release TAC and POOH. If unable to release TAC, jar free and  
POOH.
- 3) PU & RIH w/7" csg scraper to liner top @ 11,659', POOH. PU and RIH with 4-1/8"  
mill and CO tools. CO 5" liner to PBDT @ ± 15,075'  
POOH.
- 4) RU wireline service company. PU and RIH with 3-1/8" csg gun, 3 SPF, 120° phasing.  
Perforate Wasatch from 11,733' to 14,564', 69 settings, 207 total holes per the  
attached perforation schedule. PU & RIH with 4" csg gun, 3 SPF, 120° phasing and  
perforate from 11,424' to 11,650', 9 settings, 27 total holes per the attached  
perforation schedule. Depth reference: Schlumberger CNL-FDC 1/25/74, 3/8/74.

- 5) PU & RIH with 7" HD packer and 3½" N-80 9.3# tbg. Set packer @ ± 11,140'.
- 6) Acidize perforations from 11,196' to 15,075', 1144 total holes (910 old, 234 new) with 34,380 gals 15% HCl w/1800 l.l BS's and specified additives. MTP: 8500 psi.  
Note: The above acid job should be designed to include:
  - A. All fluids to be heated to 150°F.
  - B. Precede acid with 300 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor and 450 l.l BS's evenly spaced.
  - C. Acidize with 6 stages of 5730 gals each containing 225 l.l BS's evenly spaced and 5 diverter stages of 1500 gals gelled saltwater with 1/2 ppg Benzoic acid flakes and rock salt.
  - D. No Xylene is required.
- 7) Flow/swab back acid load.
- 8) Release packer. POOH. PU & RIH with production equipment. Rod design should be as follows: 225' - 1" w/guide, 1025' - 3/4" slick, 1175' - 3/4" w/guide, 1175' - 3/4" slick, 3375' - 7/8" slick, 3275' - 1" slick. Pump size will depend on results of acid stimulation, i.e., fluid level and inflow rate. (Consult w/Denver office.)

SCP:cam

Perforation Schedule  
TEW #1-1B5  
NE/4 Section 1, T2S-R5W  
Duchesne County, Utah  
Greater Altamont Field

Depth reference: Schlumberger CNL-FDC 1/25/74, 3/8/74.

14564	14051	13549	13041	12448	11476
14552	14007	13532	13013	12151	11436
14495	14000	13490	12956	12110	11424
14448	13959	13394	12948	12065	
14432	13920	13384	12941	12059	
14422	13916	13363	12850	12025	
14393	13911	13262	12825	11785	
14363	13872	13253	12749	11780	
14336	13830	13243	12730	11733	
14235	13798	13233	12681	11650	
14228	13707	13224	12674	11630	
14177	13680	13191	12644	11600	
14167	13665	13174	12563	11573	
14110	13649	13146	12517	11563	
14072	13580	13102	12492	11482	

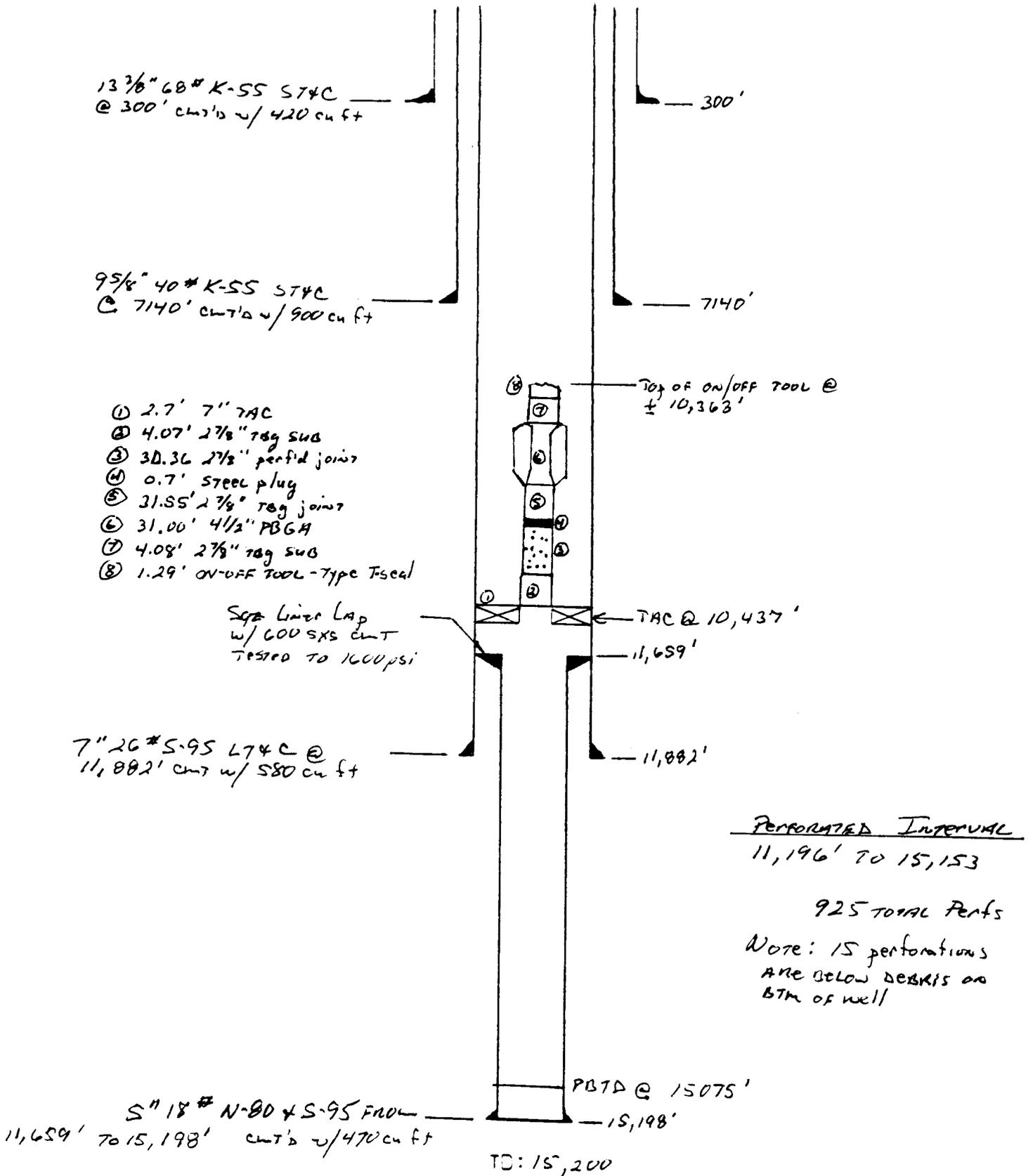
Gross Wasatch interval 11424' - 14,564', 78 feet, 64 zones.

RJL  
8/9/91  
rv 11/19/92

*RS*  
*[Signature]*

PRESENT WELLBORE SCHEMATIC  
Tew #1-135

S.C. Prutch  
3/15/93



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.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: Patented
2. Name of Operator: ANR Production Company	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. Unit Agreement Name: N/A
4. Location of Well Footages: 1558' FNL & 671' FEL OO, Sec., T., R., M.: 5 NE/NE Section 1, T2S-R5W	8. Well Name and Number: Tew #1-1B5
	9. API Well Number: 43-013-30264
	10. Field and Pool, or Wildcat: Altamont
	County: Duchesne State: Utah

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> 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 _____             |                                               |

Approximate date work will start \_\_\_\_\_

**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 checked="" 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 8/10/93

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.)

Please see the attached chronological history for the cleanout, perf and acid stimulation work performed on the subject well.

*RECEIVED*  
AUG 21 1993

8-23-93  
*Matthews*  
DIVISION OF OIL, GAS & MINING

13. Name & Signature: *Eileen Danni Dey* Title: Regulatory Analyst Date: 8/17/93  
Eileen Danni Dey

(This space for State use only)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (CO, PERF & ACIDIZE)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 56.83153% ANR AFE: 64602

PAGE 2

- 8/4/93 Prep to acidize. Cont to PU 3-1/2" tbg. Total 361 jts. Set 7" HD pkr @ 11,066' w/30,000# compression. Pump 200 bbls prod wtr. PT to 2000 psi, held 15 min.  
DC: \$3,503 TC: \$69,851
- 8/5/93 LD 3-1/2" tbg. RU Dowell to acidize well. Acidize Wasatch perms 11,196'-15,051' w/34,500 gal 15% HCl w/additives, BAF, rock salt, 1800 - 1.1 gravity ball sealers. Max press 8770#, max rate 37 BPM; avg press 8400#, avg rate 27 BPM; min rate 23.2 BPM. ISIP 0#, 5/10/15 min 0#. Diversion fair. Total of 1475 bbls pmpd. RD Dowell. RU to swab. Made 15 swab runs in 7 hrs. Run #1 - IFL 6900'. FL dropped to 8400' then gradually increased to 6100' on last run, pH 5, 38% oil. Rec 82 BW, 7 BO. RD swab equip. Pmpd 80 bbls prod wtr down tbg. Rls 7" pkr. LD 2 jts 3-1/2" tbg.  
DC: \$55,257 TC: \$125,108
- 8/6/93 RIH w/tbg. Check pressure - 250 psi. Bleed off. Flush tbg, csg w/30 bbls prod wtr. LD 358 jts 3-1/2" tbg, 7" pkr. Change equip & BOP's to 2-7/8". RIH w/7" Mtn States anchor catcher w/carbide slips, 4' 2-7/8" sub, 2-7/8" perf jt, 2-7/8" plug, 2-7/8" plain jt, 4-1/2" N-80 PBGA, 6' 2-7/8" sub, SN, 270 jts 2-7/8".  
DC: \$17,019 TC: \$142,127
- 8/7/93 RD rig - well on production. Bleed off well. Cont to RIH w/2-7/8", total 331 jts. RD floor, remove BOP's. Set 7" anchor @ 10,452' w/20,000# tension, SN @ 10,344'. Change equip to rods. Install pump tee. Hot oiler pmpd 50 bbls prod wtr down tbg. RIH w/Highland 2-1/2 x 1-3/4 x 24' x 26 RHBC 237" stroke. RIH w/9 - 1" w/guides (3 new). RIH w/48 - 3/4", LD 48 - 3/4". RIH w/135 - 3/4" (PU 4), 135 - 7/8" (PU 70), 131 - 1" (PU 33), add subs. PU polish rod, seat pump. Fill tbg w/44 bbls prod wtr. PT to 500 psi. Space out. Stroke w/rig, strokes good. RU walk beam, HH, stroke unit, strokes good. Clean around WH. Leave pmpg overnight.  
DC: \$8,574 TC: \$150,701
- 8/7/93 Pmpd 53 BO, 226 BW, 53 MCF, 13 hrs.
- 8/8/93 Pmpd 135 BO, 220 BW, 100 MCF, 24 hrs.
- 8/9/93 Well on production. RD rig, load out equip, clean location. Pmpd 111 BO, 244 BW, 93 MCF, 9 SPM.  
DC: \$10,594 TC: \$161,295
- 8/10/93 Pmpd 96 BO, 252 BW, 89 MCF, 9 SPM.  
Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

THE COASTAL CORPORATION  
 PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (CO, PERF & ACIDIZE)

PAGE 1

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

WI: 56.83153% ANR AFE: 64602

TD: 15,200' PBD: 15,051'

5" LINER @ 11,659'-15,198'

PERFS: 11,196'-15,051' (L. GREEN RIVER/WASATCH)

CWC(M\$): 198.6

- 7/14/93 POOH w/2-7/8". RU rig. Bled off well, pmpd 70 bbls down csg, 50 bbls prod wtr down tbg. LD polish rod. POOH w/98 - 1", 66 - 7/8", 179 - 3/4", 6 - 1". Remove pump tee. Rls 7" anchor, install BOP's. POOH w/180 jts 2-7/8" tallying.  
 DC: \$23,847 TC: \$23,847
- 7/15/93 POOH w/OS. Cont to POOH w/2-7/8" tbg. LD SN, 6' sub 2-7/8", 6' perf sub 2-7/8", 7" anchor. PU 5-3/4" OD OS w/3-1/4" grapple, bumper sub, jars, 4 - 4-5/8" drill collars. RIH w/279 jts 2-7/8". PU 48 jts 2-7/8" work string. Tag fish @ 10,352'. Work over & latch onto fish. Pull to 20,000# over string - jars went off - pulled free. RIH to 10,393'. Stack out. POOH dragging hard for 24 jts 2-7/8". Can't get past one spot, jarred loose. POOH w/110 total 2-7/8".  
 DC: \$6,530 TC: \$30,377
- 7/16/93 POOH w/scrapper. Cont POOH w/2-7/8". Rls OS off fish, rec all of fish (on-off tool, 4' 2-7/8" sub, 4-1/2" PBGA, 2-7/8" jt, 2-7/8" plug, 2-7/8" perf jt, 4' 2-7/8" sub, 7" anchor). Note: Carbide slips were worn bad. RIH w/7" scrapper & 327 jts 2-7/8". PU 46 jts 2-7/8". Tag 5" liner. Note: Had one or two bobbles while RIH. POOH w/80 jts 2-7/8".  
 DC: \$2,865 TC: \$33,242
- 7/19/93 RIH to CO 5" liner. POOH with 2-7/8" tbg. LD 7" scrapper. RIH with 4-1/8" mill, check, 2 jts 2-3/8", check, 38 jts 2-3/8", safety jt, bailer, drain sub, 70 jts 2-3/8", X0, 250 jts 2-7/8". Stay above 5" liner.  
 DC: \$4,455 TC: \$37,697
- 7/20/93 Prep to perf. RIH w/2-7/8" tbg. Tag bridge @ 14,914'. Stroke & work thru, tag @ 15,022'. Mill & stroke to 15,051'. Made no headway. LD 35 joints 2-7/8". POOH with 334 jts 2-7/8". LD 70 jts 2-3/8", bailer, safety jt, 38 jts 2-3/8" wet, check, 2 jts 2-3/8", check, 4-1/8" mill. Last jt full of frac balls, rubber, scale, etc, no metal. Mill was worn out.  
 DC: \$7,438 TC: \$45,135
- 7/21/93 Prep to perf Wasatch. Operations suspended for completion of the Iorg #2-10B3. Drop from report until further activity.
- 8/2/93 Prep to perf Wasatch.
- 8/3/93 RIH w/3-1/2" tbg. RU Cutters to perf. Perf Wasatch @ 11,424'-14,564' @ 3 SPF (234 holes):

Run #	Interval	Feet	Holes	FL	PSI
1	14,564'-14,495'	3	9	7700'	0
2	14,448'-13,872'	20	60	7700'	0
3	13,830'-13,174'	20	60	7700'	0
4	13,145'-12,110'	20	60	7700'	0
5	12,065'-11,733'	6	18	7700'	0
6	11,650'-11,424'	9	27	7700'	0
	Total	78	234		

RD Cutters. PU 7" Mtn States HD pkr, SN, X0, 160 jts 3-1/2".  
 DC: \$21,213 TC: \$66,348

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

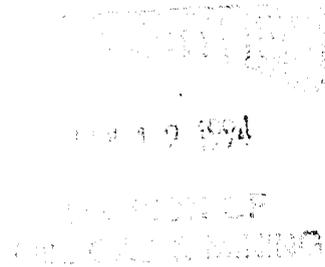
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. Lease Designation and Serial Number: Patented
		6. If Indian, Allottee or Tribe Name: N/A
<small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</small>		7. Unit Agreement Name: N/A
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		8. Well Name and Number: Tew #1-1B5
2. Name of Operator: ANR Production Company		9. API Well Number: 43-013-30264
3. Address and Telephone Number: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476		10. Field and Pool, or Wildcat: Altamont
4. Location of Well Footages: 1558' FNL & 671' FEL Co. Sec., T., R., M.: NE/NE Section 1, T2S-R5W		County: Duchesne State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input checked="" type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>8/10/93</u>
	<small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>

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

Please see the attached chronological history for the cleanout, perf and acid stimulation work performed on the subject well.



13. Name & Signature: Eileen Danni Dev Title: Regulatory Analyst Date: 8/17/93

(This space for State use only)

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (CO, PERF & ACIDIZE)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 56.83153% ANR AFE: 64602

PAGE 2

- 8/4/93 Prep to acidize. Cont to PU 3-1/2" tbg. Total 361 jts. Set 7" HD pkr @ 11,066' w/30,000# compression. Pump 200 bbls prod wtr. PT to 2000 psi, held 15 min.  
DC: \$3,503 TC: \$69,851
- 8/5/93 LD 3-1/2" tbg. RU Dowell to acidize well. Acidize Wasatch perms 11,196'-15,051' w/34,500 gal 15% HCl w/additives, BAF, rock salt, 1800 - 1.1 gravity ball sealers. Max press 8770#, max rate 37 BPM; avg press 8400#, avg rate 27 BPM; min rate 23.2 BPM. ISIP 0#, 5/10/15 min 0#. Diversion fair. Total of 1475 bbls pmpd. RD Dowell. RU to swab. Made 15 swab runs in 7 hrs. Run #1 - IFL 6900'. FL dropped to 8400' then gradually increased to 6100' on last run, pH 5, 38% oil. Rec 82 BW, 7 BO. RD swab equip. Pmpd 80 bbls prod wtr down tbg. Rls 7" pkr. LD 2 jts 3-1/2" tbg.  
DC: \$55,257 TC: \$125,108
- 8/6/93 RIH w/tbg. Check pressure - 250 psi. Bleed off. Flush tbg, csg w/30 bbls prod wtr. LD 358 jts 3-1/2" tbg, 7" pkr. Change equip & BOP's to 2-7/8". RIH w/7" Mtn States anchor catcher w/carbide slips, 4' 2-7/8" sub, 2-7/8" perf jt, 2-7/8" plug, 2-7/8" plain jt, 4-1/2" N-80 PBGA, 6' 2-7/8" sub, SN, 270 jts 2-7/8".  
DC: \$17,019 TC: \$142,127
- 8/7/93 RD rig - well on production. Bleed off well. Cont to RIH w/2-7/8", total 331 jts. RD floor, remove BOP's. Set 7" anchor @ 10,452' w/20,000# tension, SN @ 10,344'. Change equip to rods. Install pump tee. Hot oiler pmpd 50 bbls prod wtr down tbg. RIH w/Highland 2-1/2 x 1-3/4 x 24' x 26 RHBC 237" stroke. RIH w/9 - 1" w/guides (3 new). RIH w/48 - 3/4", LD 48 - 3/4". RIH w/135 - 3/4" (PU 4), 135 - 7/8" (PU 70), 131 - 1" (PU 33), add subs. PU polish rod, seat pump. Fill tbg w/44 bbls prod wtr. PT to 500 psi. Space out. Stroke w/rig, strokes good. RU walk beam, HH, stroke unit, strokes good. Clean around WH. Leave pmpg overnight.  
DC: \$8,574 TC: \$150,701
- 8/7/93 Pmpd 53 BO, 226 BW, 53 MCF, 13 hrs.
- 8/8/93 Pmpd 135 BO, 220 BW, 100 MCF, 24 hrs.
- 8/9/93 Well on production. RD rig, load out equip, clean location. Pmpd 111 BO, 244 BW, 93 MCF, 9 SPM.  
DC: \$10,594 TC: \$161,295
- 8/10/93 Pmpd 96 BO, 252 BW, 89 MCF, 9 SPM.  
Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

THE COASTAL CORPORATION  
 PRODUCTION REPORT

CHRONOLOGICAL HISTORY

TEW #1-1B5 (CO, PERF & ACIDIZE)

PAGE 1

ALTAMONT FIELD  
 DUCHESNE COUNTY, UTAH  
 WI: 56.83153% ANR AFE: 64602  
 TD: 15,200' PBD: 15,051'  
 5" LINER @ 11,659'-15,198'  
 PERFS: 11,196'-15,051' (L. GREEN RIVER/WASATCH)  
 CWC(M\$): 198.6

- 7/14/93 POOH w/2-7/8". RU rig. Bled off well, pmpd 70 bbls down csg, 50 bbls prod wtr down tbg. LD polish rod. POOH w/98 - 1", 66 - 7/8", 179 - 3/4", 6 - 1". Remove pump tee. Rls 7" anchor, install BOP's. POOH w/180 jts 2-7/8" tallying.  
 DC: \$23,847 TC: \$23,847
- 7/15/93 POOH w/OS. Cont to POOH w/2-7/8" tbg. LD SN, 6' sub 2-7/8", 6' perf sub 2-7/8", 7" anchor. PU 5-3/4" OD OS w/3-1/4" grapple, bumper sub, jars, 4 - 4-5/8" drill collars. RIH w/279 jts 2-7/8". PU 48 jts 2-7/8" work string. Tag fish @ 10,352'. Work over & latch onto fish. Pull to 20,000# over string - jars went off - pulled free. RIH to 10,393'. Stack out. POOH dragging hard for 24 jts 2-7/8". Can't get past one spot, jarred loose. POOH w/110 total 2-7/8".  
 DC: \$6,530 TC: \$30,377
- 7/16/93 POOH w/scraper. Cont POOH w/2-7/8". Rls OS off fish, rec all of fish (on-off tool, 4' 2-7/8" sub, 4-1/2" PBGA, 2-7/8" jt, 2-7/8" plug, 2-7/8" perf jt, 4' 2-7/8" sub, 7" anchor). Note: Carbide slips were worn bad. RIH w/7" scraper & 327 jts 2-7/8". PU 46 jts 2-7/8". Tag 5" liner. Note: Had one or two bobbles while RIH. POOH w/80 jts 2-7/8".  
 DC: \$2,865 TC: \$33,242
- 7/19/93 RIH to CO 5" liner. POOH with 2-7/8" tbg. LD 7" scraper. RIH with 4-1/8" mill, check, 2 jts 2-3/8", check, 38 jts 2-3/8", safety jt, bailer, drain sub, 70 jts 2-3/8", XO, 250 jts 2-7/8". Stay above 5" liner.  
 DC: \$4,455 TC: \$37,697
- 7/20/93 Prep to perf. RIH w/2-7/8" tbg. Tag bridge @ 14,914'. Stroke & work thru, tag @ 15,022'. Mill & stroke to 15,051'. Made no headway. LD 35 joints 2-7/8". POOH with 334 jts 2-7/8". LD 70 jts 2-3/8", bailer, safety jt, 38 jts 2-3/8" wet, check, 2 jts 2-3/8", check, 4-1/8" mill. Last jt full of frac balls, rubber, scale, etc, no metal. Mill was worn out.  
 DC: \$7,438 TC: \$45,135
- 7/21/93 Prep to perf Wasatch. Operations suspended for completion of the Iorg #2-10B3. Drop from report until further activity.
- 8/2/93 Prep to perf Wasatch.
- 8/3/93 RIH w/3-1/2" tbg. RU Cutters to perf. Perf Wasatch @ 11,424'-14,564' @ 3 SPF (234 holes):

Run #	Interval	Feet	Holes	FL	PSI
1	14,564'-14,495'	3	9	7700'	0
2	14,448'-13,872'	20	60	7700'	0
3	13,830'-13,174'	20	60	7700'	0
4	13,146'-12,110'	20	60	7700'	0
5	12,065'-11,733'	6	18	7700'	0
6	11,650'-11,424'	9	27	7700'	0
Total		78	234		

RD Cutters. PU 7" Mtn States HD pkr, SN, XO, 160 jts 3-1/2".  
 DC: \$21,213 TC: \$66,348

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Patented
6. If Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: N/A
8. Well Name and Number: Tew #1-1B5
9. API Well Number: 43-013-30264
10. Field and Pool, or Wildcat: Altamont

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
ANR Production Company

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

4. Location of Well  
Footages: 1558' FNL & 671' FEL  
County: Duchesne  
CO, Sec., T., R., M.: S/E/NE Section 1-T2S-R5W  
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 checked="" 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 _____             |                                                  |

Approximate date work will start 8/18/94

**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.)

Please see the attached workover procedure for the subject well.

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

DATE: 8/10/94  
BY: [Signature]

13. Name & Signature: [Signature] Title: N.O. Shiflett Date: 8/4/94  
Dist. Drlg. Manager

(This space for State use only)

## WORKOVER PROCEDURE

Tew #1-1B5  
Altamont Field  
Duchesne County, Utah

### WELL DATA

Location: 1558' FNL & 671' FEL  
Elevation: 6655' GL, 6684' KB  
Total Depth: 15,198' PBD: 15,051'  
Casing: 13-3/8", 68#, K-55 set @ 300'  
9-5/8", 40#, K-55 set @ 7140'  
7", 26#, S-95 set @ 11,882'  
5", 18#, N-80 & S-95 set 11,659-15,198'  
Tubing: 2-7/8", 6.5#, N-80 set @ 10,519' w/B-2 Anchor Catcher

### TUBULAR DATA

Description	ID	Drift	B/F Capacity	psi Burst	psi Collapse
7", 26#, S-95	6.276"	6.151"	.0382	8600	7800
5", 18#, N-80	4.276"	4.151	.0177	10140	10500
5", 18#, S-95	4.276"	4.151	.0177	12040	11880
2-7/8", 6.5#, N-80	2.441"	2.347	.00579	10570	11160

Present Status: Well Presently producing 15 BO, 121 BW, & 28 MCFD on rod pump from Wasatch perms 11,196-15,075'.

### PROCEDURE

1. MIRU service rig. Kill well. POOH with rods and pump. ND wellhead and NU 5K BOP. POOH with tubing.
2. PU 6-1/8" mill on 6-1/8" casing scraper and 2-7/8" tubing and clean out 7" casing to ~~11,659'~~ 11,200'. POOH with tubing and mill. Wireline set CIBP at 11,185'. Spot 2 sx. cement on top. Pressure test casing to 2000 psi.
3. Perforate Lower Green River 10,232-11,148' with 3 spf and 120° phasing using 4" casing gun as per attached perforating schedule.
4. PU 7" x 2-7/8" packer on 2-7/8" tubing and TIH. Set packer @ ±10,100'. Pressure annulus to 1500 psi.
5. Acidize Lower Green River perms 10,232-11,148' with 12,000 gals 15% HCl with additives and 180 l.l s.g. ball sealers.
  - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor.
  - B. All water to contain 3% KCl.
  - C. Acidize perforations as per attached schedule.
  - D. Acid to be pumped at maximum rate possible @ 8500 psig maximum pressure.
  - E. All fluids to be heated to ±150°F.
6. Flow back acid load and run production log and Prism log. Unseat pkr and POOH, laying down packer.

Note: Please do not run production log if well is not flowing. Knock out bridges with spud bar if unable to get to TD with Prism log.

7. Rerun production equipment setting anchor catcher at 10,100'. Return well to production.

# Greater Altamont Field

ANR - Tew #1-1B5  
NE/4 Section 1, T2S-R5W  
Duchesne County, Utah

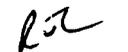
## PERFORATION SCHEDULE

Depth Reference: Schlumberger Neutron-Density Run #1 (1/25/74)

11.148	10.832	10.639	10.527
11.134	10.824	10.636	10.498
11.101	10.808	10.627	10.487
11.095	10.774	10.618	10.394
11.075	10.758	10.614	10.357
11.063	10.751	10.607	10.299
10.946	10.739	10.602	10.269
10.924	10.717	10.590	10.251
10.896	10.656	10.582	10.232
10.882	10.649	10.570	

Gross Lower Green River Interval: 10,232'-11,148', 39 feet, 32 zones

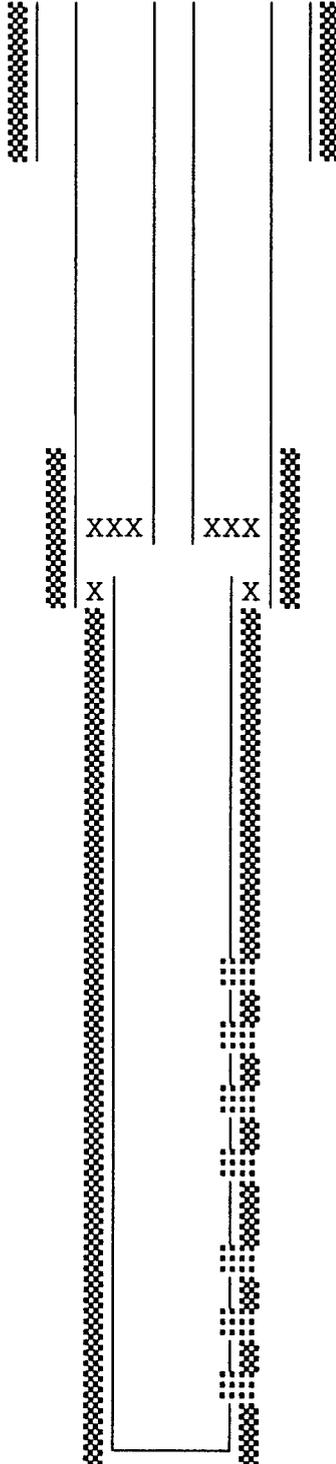
R. J. LaRocque  
July 1, 1994

  
RJL:rrd

TEW #1-1B5

SECTION 1-T2S-R5W  
ALTAMONT FIELD

DUCHESNE CO., UTAH



SURFACE CASING: 9-5/8", 40#, K-55 LT&C SET @ 7140'

INTERMEDIATE CASING: 7", 26#, S-95, LT&C SET @ 11882'

TOP OF CEMENT @ 9000'

PRODUCTION LINER: 5", 18#, N-80 & S-95 SET @ 11,659-15,198'

TUBING: 2-7/8", 6.5#, N-80, EUE TUBING SET @ 10,450 W/B-2 TUBING ANCHOR

WASATCH PERFS: 11,196'-15,075'  
TOTAL 1144 HOLES

TD @ 15,198'      PBSD @ 15,051'

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Tew #1-1B5

9. API Well Number:

43-013-30264

10. Field and Pool, or Wildcat:

Altamont

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

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

(303) 573-4476

4. Location of Well

Footages: 1558' FNL & 671' FEL

QQ, Sec., T., R., M.: NE/NE Section 1-T2S-R5W

County: Duchesne

State: Utah

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

**NOTICE OF INTENT**

(Submit In Duplicate)

- |                                                  |                                               |
|--------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> 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 _____             |                                               |

Approximate date work will start \_\_\_\_\_

**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 checked="" type="checkbox"/> Other <u>Recomplete Lwr Green River</u> |                                               |

Date of work completion 9/15/94

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.)

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

13.

Name & Signature:

Title:

N.O. Shiflett  
District Drilling Manager

Date:

09/22/94

(This space for State use only)

Tax credit  
7/26/95

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

PAGE 3

TEW #1-1B5 (RECOMPLETE LGR)  
 ALTAMONT FIELD  
 DUCHESNE COUNTY, UT  
 WI: 56.83153% ANR AFE: 00333  
 TD: 15,198' PBD: 11,185'  
 5" LINER @ 11,659'-15,198'  
 PERFS: 10,232'-11,148' (LGR)  
 CWC(M\$): 112.0

8/26/94 POH w/rods & pump.  
 MIRU workover rig. CC: \$732

8/27-28/94 SD for weekend.

8/29/94 TIH w/7" 26# csg scraper.  
 Unseat pump. POOH w/rods & pump. ND WH. PU on tbg - TAC was free.  
 NU BOPE. POOH w/331 jts 2 7/8" 8rd 6.5# N-80. LD BHA. CC: \$4,634

8/30/94 POH w/csg scraper.  
 RIH w/7" 26# csg scraper to 11,235'. POOH w/scraper & tbg. CC:  
 \$7,482

8/31/94 Prep to perforate.  
 Finish POH w/scraper. WO logs from Denver. CC: \$7,482

9/1/94 Continue testing tbg.  
 MIRU OWP. Set CIBP @ 11,185', capped w/2 sx cmt. Fill csg w/368  
 bbls prod wtr. PT csg & CIBP to 2000# - held OK. Perf Lower Green  
 River @ 10,232'-11,148'. 117 holes, 3 SPF, 120° phasing, 4" guns,  
 39' (Schlumberger Neutron Density Log, Run #1, 1/25/74). 32 zones:

Run #	Interval	Holes	Feet	PSI	FL
1	11,148'-10,649'	60	20	0	sfc
2	10,639'-10,232'	57	19	0	sfc
	Total	117	39		

RD OWP. RU 4-Star hydrotest truck. RIH w/Mtn States 7" 26# HD pkr,  
 SN & 170 jts 2 7/8" 8rd tbg. Test tbg to 9000#. CC: \$22,616

9/2/94 Prep to acidize.  
 Continue testing tbg. Ran 154 jts 2 7/8" tbg, testing to 9000 psi.  
 Set Mtn States HD pkr @ 10,120'. Test csg to 2000 psi - OK. RU  
 swab, made 11 swb runs, rec 13 BO and 41 BLW/5 hrs, final oil cut  
 100%, avg feed-in 3 BPH, FFL 10,100'. CC: \$26,728

9/3/94 Continue flowing or swabbing.  
 RU Dowell. Acidize Lower Green River perfs @ 10,232'-11,148'  
 w/12,000 gals 15% HCl w/additives, BAF, rock salt, 180 - 1.1 BS's &  
 RA tags. MTP 9000 psi, ATP 8500 psi, MTR 24.4 BPM, ATR 16.5 BPM.  
 ISIP 2256#, 15 min 1519#. Good diversion. 625 BLTR. RD Dowell.  
 Flowed back 120.6 BW & 5.4 BO (pH 5) in 2 hrs. RU to treater w/FTP  
 180# on 10/64" chk. Flwd to H.T. - Flwd 5 BO, 140 BW, 20 MCF, FTP  
 100#, 32/64" chk, 14 1/2 hrs. Note: oil prod low - filling H.T. CC:  
 \$33,382

9/7/94 RU Prism log.  
 Flow & swab 83 BO, 39 BLW/9 hrs, FFL 6100', oil cut 95%, pH 5.0, 16  
 BPH. CC: \$35,609

9/8/94 Prep to POH w/pkr.  
 MIRU Atlas WL for Prism log. Flowed well to treater w/100 psi on  
 30/64" chk while logging. PU on tbg to unset pkr. RU pump to csg to  
 control well. Circ w/240 BW. CC: \$43,783

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

TEW #1-1B5 (RECOMPLETE LGR)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UT  
WI: 56.83153% ANR AFE: 00333

PAGE 4

9/9/94 RIH w/rods.  
POOH w/304 jts 2 $\frac{7}{8}$ " tbg & Mtn States 7" HD pkr. RIH w/BHA & 320 jts  
2 $\frac{7}{8}$ " tbg. Set AC @ 10,109' w/SN @ 10,002'. ND BOP's. Land tbg  
w/17,000# tension. RU wellhead. CC: \$76,560

9/10/94 Well on pump.  
RIH w/Highland rod pump 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " w/tapered rod string. PT to 500  
psi - OK. RD rig. Prep to move. TC: \$83,808

9/10/94 Pmpd 0 BO, 0 BW, 39 MCF, 19 hrs, 9 SPM.

9/11/94 Pmpd 23 BO, 270 BW, 44 MCF, 9 SPM.

9/12/94 Pmpd 118 BO, 113 BW, 90 MCF, 9 SPM.

9/13/94 Pmpd 181 BO, 56 BW, 98 MCF, 9 SPM.

9/14/94 Pmpd 130 BO, 39 BW, 107 MCF, 9 SPM.

9/15/94 Pmpd 119 BO, 41 BW, 107 MCF, 9 SPM. Ran dyno, FL @ pump @ 10,002'.  
Prior prod: 15 BO, 121 BW, 28 MCF. Final report.

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: See Attached
	6. If Indian, Allottee or Tribe Name: See Attached
	7. Unit Agreement Name: See Attached
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____	8. Well Name and Number: See Attached
2. Name of Operator: Coastal Oil & Gas Corporation	9. API Well Number: See Attached
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	10. Field and Pool, or Wildcat: See Attached
4. Location of Well Footages: See Attached County: See Attached QQ, Sec., T., R., M.: See Attached State: Utah	

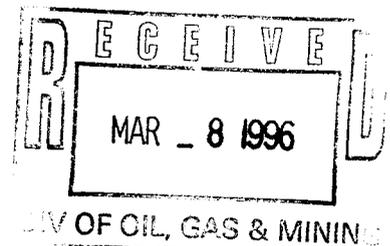
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit In Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other Change of Operator
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
	* Must be accompanied by a cement verification report.

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

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

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



13. Name & Signature: *Sheila Bremer* Title: Sheila Bremer Environmental & Safety Analyst Coastal Oil & Gas Corporation Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL				
					Footages	Section, Township & Range	Field	County	
Miles 2-1B5	43-013-31257	Fee 11062	N/A	N/A	1567' FSL & 1868' FWL	NESW, 1-2S-5W	Altamont	Duchesne	
Miles 2-3B3	43-013-31261	Fee 1102	N/A	N/A	2078' FSL & 2477' FWL	NESW, 3-2S-3W	Altamont	Duchesne	
Monsen 1-21A3	43-013-30082	Patented 1590	N/A	N/A	1546' FNL & 705' FEL	SENE, 21-1S-3W	Altamont	Duchesne	
Monsen 2-22A3	43-013-31265	Fee 11098	N/A	N/A	1141' FSL & 251' FWL	SWSW, 22-1S-3W	Altamont	Duchesne	
Murdock 2-26B5	43-013-31124	Fee 1531	N/A	N/A	852' FWL & 937' FSL	SWSW, 26-2S-5W	Altamont	Duchesne	
Potter 1-24B5	43-013-30356	Patented 1730	N/A	N/A	1110' FNL & 828' FEL	SENE, 24-2S-5W	Altamont	Duchesne	
Potter 1-2B5	43-013-30293	Patented 1826	N/A	N/A	1832' FNL & 1385' FEL	SWNE, 2-2S-5W	Altamont	Duchesne	
Potter 2-24B5	43-013-31118	Fee 1731	N/A	N/A	922' FWL & 2124' FSL	NWSW, 24-2S-5W	Altamont	Duchesne	
Potter 2-6B4	43-013-31249	Fee 11038	N/A	N/A	1517' FSL & 1732' FWL	NESW, 6-2S-4W	Altamont	Duchesne	
Powell 1-33A3	43-013-30105	Fee 1625	N/A	N/A	2340' FNL & 660' FEL	SENE, 33-1S-3W	Altamont	Duchesne	
Powell 2-33A3	43-013-30704	Fee 2400	N/A	N/A	1582' FSL & 1558' FWL	NESW, 33-1S-3W	Altamont	Duchesne	
Reeder 1-17B5	43-013-30218	Patented 1710	N/A	N/A	1619' FNL & 563' FEL	SENE, 17-2S-5W	Altamont	Duchesne	
Remington 1-34A3	43-013-30139	Patented 1725	N/A	N/A	919' FNL & 1596' FEL	NWNE, 34-1S-3W	Altamont	Duchesne	
Remington 2-34A3	43-013-31091	Fee 1736	N/A	N/A	1645' FWL & 1833' FSL	NESW, 34-1S-3W	Altamont	Duchesne	
Roper 1-14B3	43-013-30217	Fee 1850	N/A	N/A	1623' FNL & 2102' FWL	SENE, 14-2S-3W	Bluebell	Duchesne	
Rust 1-4B3	43-013-30063	Patented 1575	N/A	N/A	2030' FNL & 660' FEL	SENE, 4-2S-3W	Altamont	Duchesne	
Rust 3-4B3	43-013-31070	Fee 1576	N/A	N/A	1072' FSL & 1460' FWL	SESW, 4-2S-3W	Altamont	Duchesne	
Smith 1-31B5	43-013-30577	Fee 1955	N/A	N/A	2232' FSL & 1588' FEL	NWSE, 31-2S-5W	Altamont	Duchesne	
State 1-19B1	43-013-30688	<del>Fee</del> 2395	N/A	N/A	1043' FWL & 1298' FNL	NWNW, 19-2S-1W	Bluebell	Duchesne	
Stevenson 3-29A3	43-013-31376	Fee 11442	N/A	N/A	1347' FNL & 1134' FWL	CNW, 29-1S-3W	Altamont	Duchesne	
Tew 1-15A3	43-013-30529	Fee 1945	N/A	N/A	1215' FEL & 1053' FNL	NENE, 15-1S-3W	Altamont	Duchesne	
Tew 1-1B5	43-013-30264	Patented 1870	N/A	N/A	1558' FNL & 671' FEL	NENE, 1-2S-5W	Altamont	Duchesne	
Todd 2-21A3	43-013-31296	Fee 11268	N/A	N/A	2456' FSL & 1106' FWL	NWSW, 21-1S-3W	Bluebell	Duchesne	
Weikert 2-29B4	43-013-31298	Fee 11332	N/A	N/A	1528' FNL & 1051' FWL	SWNW, 29-2S-4W	Bluebell	Duchesne	
Whitehead 1-22A3	43-013-30357	Patented 1885	N/A	N/A	2309' FNL & 2450' FEL	SWNE, 22-1S-3W	Altamont	Duchesne	
Winkler 1-28A3	43-013-30191	Patented 1750	N/A	N/A	660' FNL & 1664' FEL	NWNE, 28-1S-3W	Altamont	Duchesne	
Winkler 2-28A3	43-013-31109	Fee 1751	N/A	N/A	1645' FWL & 919' FSL	SESW, 28-1S-3W	Altamont	Duchesne	
Wright 2-13B5	43-013-31267	Fee 11115	N/A	N/A	2442' FNL & 2100' FWL	SENE, 13-2S-5W	Altamont	Duchesne	
Young 1-29B4	43-013-30246	Patented 1791	N/A	N/A	2311' FNL & 876' FEL	SENE, 29-2S-4W	Altamont	Duchesne	
Young 2-15A3	43-013-31301	Fee 11344	N/A	N/A	1827' FWL & 1968' FWL	NWSW, 15-1S-3W	Altamont	Duchesne	
Young 2-30B4	43-013-31366	Fee 11453	N/A	N/A	2400' FNL & 1600' FWL	SENE, 30-2S-4W	Altamont	Duchesne	
Ute Tribal 2-21B6	43-013-31424	14-20-H62-2489 11615	Ute	9639	1226' FSL & 1306' FEL	SESE, 22-2S-6W	Altamont	Duchesne	
Ute 1-34A4	43-013-30078	14-20-H62-1774 1585	Ute	9640	1050' FWL & 1900' FNL	SWNW, 12-2S-3W	Bluebell	Duchesne	
Ute 1-36A4	43-013-30069	14-20-H62-1793 1580	Ute	9642	1544' FEL & 1419' FNL	SWNE, 28-2S-4W	Altamont	Duchesne	
Ute 1-1B4	43-013-30129	14-20-H62-1798 1700	Ute	9649	500' FNL & 2380' FWL	NENW, 1-2S-4W	Altamont	Duchesne	
Ute Jenks 2-1B4	43-013-31197	14-20-H62-1782 10844	Ute	9649	1167' FSL & 920' FWL	SWSW, 33-1N-2W	Bluebell	Duchesne	
Evans 2-19B3	43-013-31113	14-20-H62-1734 1777	Ute	9678	983' FSL & 683' FEL	SESE, 21-2S-6W	Altamont	Duchesne	
Ute 3-12B3	43-013-31379	14-20-H62-1810 11490	Ute	9679	2219' FNL & 2213' FEL	SWNE, 8-1S-1E	Bluebell	Uintah	
Ute 1-28B4	43-013-30242	14-20-H62-1745 1796	Ute	9681	1727' FWL & 1675' FSL	NESW, 19-2S-3W	Altamont	Duchesne	
Murdock 2-34B5	43-013-31132	14-20-H62-2511 10456	Ute	9685	1420' FNL & 1356' FEL	SWNE, 34-1S-4W	Altamont	Duchesne	
Ute Tribal 10-13A4	43-013-30301	14-20-H62-1685 5925	Ute	9C-126	2230' FNL & 1582' FEL	SWNE, 33-1N-2W	Bluebell	Duchesne	
Ute 1-8A1E	43-047-30173	14-20-H62-2714 1846	Ute	9C138	1543' FSL & 2251' FWL	NESW, 34-2S-5W	Altamont	Duchesne	
Ute 2-33Z2	43-013-31111	14-20-H62-1703 10451	Ute	9C140	802' FNL & 1545' FWL	NWNE, 13-1S-4W	Altamont	Duchesne	
Ute Tribal 1-33Z2	43-013-30334	14-20-H62-1703 1851	Ute	9C140	1660' FSL & 917' FWL	NWSW, 18-2S-3W	Altamont	Duchesne	
Myrin Ranch 2-18B3	43-013-31297	14-20-H62-1744, 4521, 4522, 4554	N/A	11475	UTU70814	975' FNL & 936' FEL	NENE, 36-1S-4W	Altamont	Duchesne
Ute Tribal 2-22B6	43-013-31444	14-20-H62-4644 11641	Ute	UTU73743	1401' FSL & 1295' FWL	NWSW, 15-2S-6W	Altamont	Duchesne	
Ute 1-15B6	43-013-31484	14-20-H62-4647 11816	Ute	UTU73964	1879' FNL & 1070' FEL	SENE, 1-2S-4W	Altamont	Duchesne	
Ute 1-25A3	43-013-30370	14-20-H62-1802 1920	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne	
Ute 1-26A3	43-013-30348	14-20-H62-1803 1890	Ute	N/A	1869' FNL & 1731' FWL	SENE, 26-1S-3W	Bluebell	Duchesne	

ut!  
 9679  
 9681  
 9C140  
 9639  
 9C128  
 9678  
 9640  
 9C-140  
 9685  
 9C126  
 ut! 9681  
 9642  
 ut! 7396  
 9649

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

Routing: *EH*

1-LEC-7-53
2-DTS 8-FILE
3-VLD
4-RJL
5-LEC
6-FILM

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

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

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

TO (new operator)	<u>COASTAL OIL &amp; GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
	<u>phone (303) 572-1121</u>		<u>phone (303) 572-1121</u>
	<u>account no. N 0230 (B)</u>		<u>account no. N 0675</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30264</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**

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fcc C.A.'s) (8-20-96/Indian C.A.'s)*
- See* 6. Cardex file has been updated for each well listed above.
- See* 7. Well file labels have been updated for each well listed above.
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. 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.
- Yes 2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_. *(Same Bond as Coaster)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

- \_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.

C.A. & Indian lease wells will be handled on separate change.

960412 BLM/SL Aprv. C.A.'s 4-11-96.

960820 BIA Aprv. CA's 8-16-96.

960329 BIA Aprv. Indian Lease wells 3-26-96.

WE71/34-35

\*961107 Lemicy 2-582/43-013-30784 under review at this time; no dg. yet!

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
7. UNIT or CA AGREEMENT NAME:  
8. WELL NAME and NUMBER:  
Exhibit "A"  
9. API NUMBER:  
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.  
See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation  
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President  
SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company  
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President  
SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

**RECEIVED**  
JUN 19 2001  
DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 4 2001

DIVISION OF  
OIL, GAS AND MINING



0610204 8100

010162788

*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

*David L. Siddall*  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

*Margaret E. Roark*  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM:</b> (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO:</b> ( New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BROTHERSON 1-22B4	43-013-30227	1780	22-02S-04W	FEE	OW	P
BROTHERSON 2-22B4	43-013-31086	1782	22-02S-04W	FEE	OW	P
BROTHERSON 1-23B4R	43-013-30483	8423	23-02S-04W	FEE	OW	P
BROTHERSON 3-23B4	43-013-31289	11141	23-02S-04W	FEE	OW	P
BROTHERSON 1-24B4	43-013-30229	1865	24-02S-04W	FEE	OW	P
BROTHERSON 1-25B4	43-013-30668	9126	25-02S-04W	FEE	OW	P
BROTHERSON 1-26B4	43-013-30336	1856	26-02S-04W	FEE	OW	P
BROTHERSON 1-27B4	43-013-30185	4735	27-02S-04W	FEE	OW	P
BLEAZARD 2-28B4 (CA 96-81)	43-013-31304	11433	28-02S-04W	FEE	OW	P
YOUNG ETAL 1-29B4	43-013-30246	1791	29-02S-04W	FEE	OW	P
WEIKART 2-29B4	43-013-31298	11332	29-02S-04W	FEE	OW	P
LAWRENCE 1-30B4	43-013-30220	1845	30-02S-04W	FEE	OW	P
YOUNG 2-30B4	43-013-31366	11453	30-02S-04W	FEE	OW	P
CHRISTMAN BLANN 1-31	43-013-30198	4745	31-02S-04W	FEE	OW	P
GRIFFITHS 1-33B4 (CA 96-119)	43-013-30288	4760	33-02S-04W	FEE	OW	P
BELCHER 2-33B4 (CA 96-119)	43-013-30907	9865	33-02S-04W	FEE	OW	P
TEW 1-1B5	43-013-30264	1870	01-02S-05W	FEE	OW	P
MILES 2-1B5	43-013-31257	11062	02-02S-05W	FEE	OW	P
POTTER 1-2B5	43-013-30293	1826	02-02S-05W	FEE	OW	P
BROTHERSON 2-2B5	43-013-31302	11342	02-02S-05W	FEE	OW	P

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143





**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	10. FIELD AND POOL, OR WILDCAT: <b>SEE ATTACHED</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		COUNTY: <b>UINTAH &amp; DUCHESNE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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** 7/19/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1558' FNL, 671' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 1 T2S R5W		8. WELL NAME and NUMBER: Tew 1-1B5
PHONE NUMBER: (303) 291-6475		9. API NUMBER: 4301330264
COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Altamont
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Surface Meter</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Commingle</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
The referenced well is commingled at surface meter with the Potter 1-2B5 API# 043-013-30293

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

(This space for State use only)

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1801
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2246' FSL, 2270' FWL COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 31 T1S R2W STATE: UTAH		8. WELL NAME and NUMBER: Ute 1-31A2
PHONE NUMBER: (303) 291-6475		9. API NUMBER: 4301330264
		10. FIELD AND POOL, OR WILDCAT: Altamont/Bluebell

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/28/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>commingle/measure</u> <u>ment</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

THE REFERENCED WELL & UTE 1-6B2 (4301330349) SHARE THE SAME TREATER AND HAVE COMMON ROYALTY OWNERSHIP. EACH MONTH A 24 HR. WELL TEST IS CONDUCTED FOR OIL, GAS AND WATER PRODUCTION. THE PRODUCTION VOLUMES ARE TAKEN FROM THE ORIFICE METER GAS SALES CHART, OIL METER AND WATER METER. THE WELL NOT BEING TESTED IS SHUT IN DURING THE 24 HR TEST PERIOD.

COPY SENT TO OPERATOR

Date: 12.3.2009

Initials: KS

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>SR REGULATORY ANALYST</u>
SIGNATURE <u><i>Marie Okeefe</i></u>	DATE <u>10/28/2009</u>

(This space for State use only)

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

Federal Approval Of This  
Action Is Necessary

(See Instructions on Reverse Side)

**RECEIVED**

**NOV 09 2009**

**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>8. WELL NAME and NUMBER:</b> TEW 1-1B5
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002		<b>9. API NUMBER:</b> 43013302640000
<b>PHONE NUMBER:</b> 713 420-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1558 FNL 0671 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 01 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>3/15/2012</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Please see attached procedure and wellbore schematics for details.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** March 13, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Principle Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/12/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43013302640000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Amend Plug #4: Note depths for plug listed on WBD. Plug from 7900' to 7400' with CICR @ 7700'. Procedure details plug from 7500' to 7000' – this interferes with plug #5. Note: Plugs #3 and #4 are not required by DOGM.**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

3/13/2012

# Wellbore Diagram

r263

**API Well No:** 43-013-30264-00-00 **Permit No:** **Well Name/No:** TEW 1-1B5  
**Company Name:** EL PASO E&P COMPANY, LP  
**Location:** Sec: 1 T: 2S R: 5W Spot: SENE  
**Coordinates:** X: 551701 Y: 4465678  
**Field Name:** ALTAMONT  
**County Name:** DUCHESNE

### String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (cf/ft)
HOL1	300	17.5			
COND	300	13.375	68	300	
HOL2	7140	12.25			
SURF	7140	9.625	40		2.349
HOL3	11862	8.75			
PROD	11862	7	26		4.655
HOL4	15198	6			
L1	15198	5	18		10.028
T1	11665	2.875	6.5		
					4.2014
					1.9792

### Cement Information

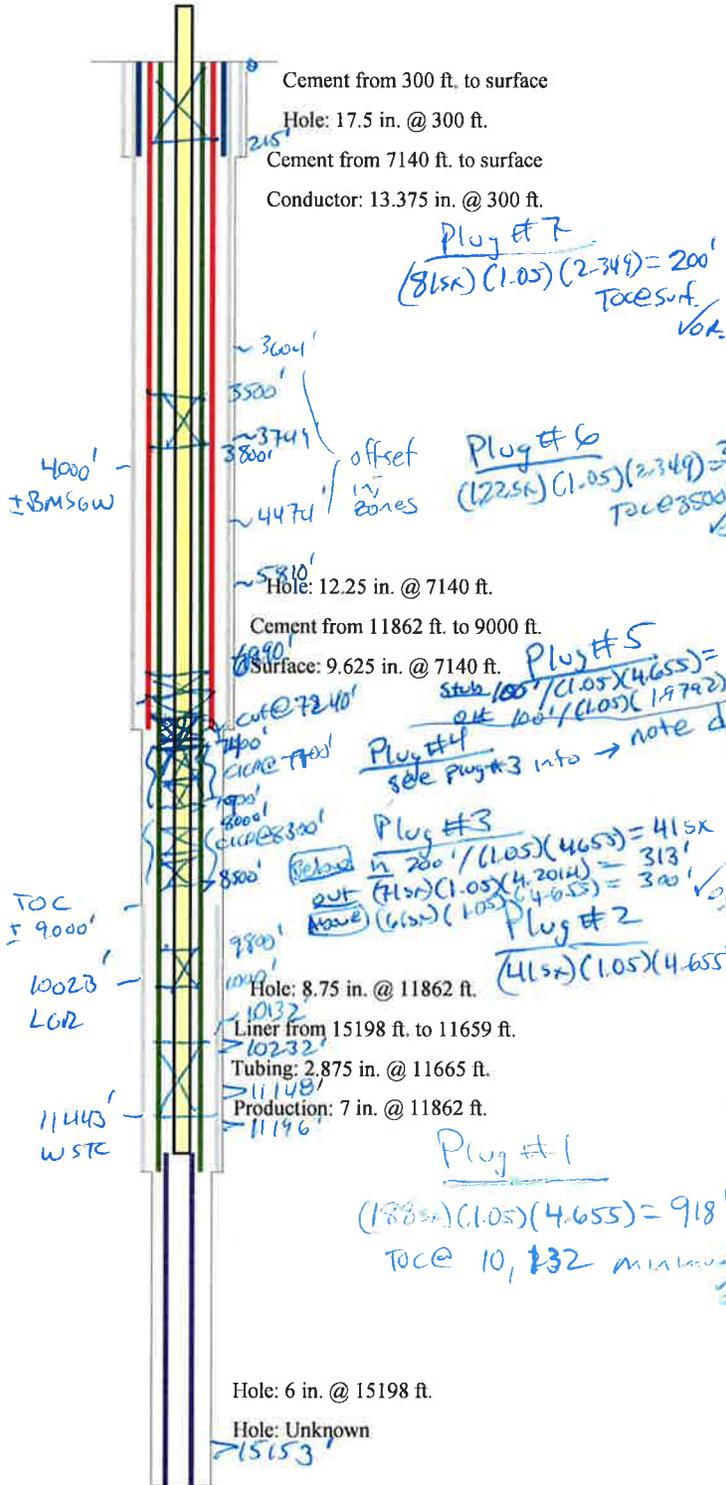
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	300	0	UK	
L1	15198	11659	UK	
PROD	11862	9000	UK	
SURF	7140	0	UK	

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
10232	11148			
11196	15153			

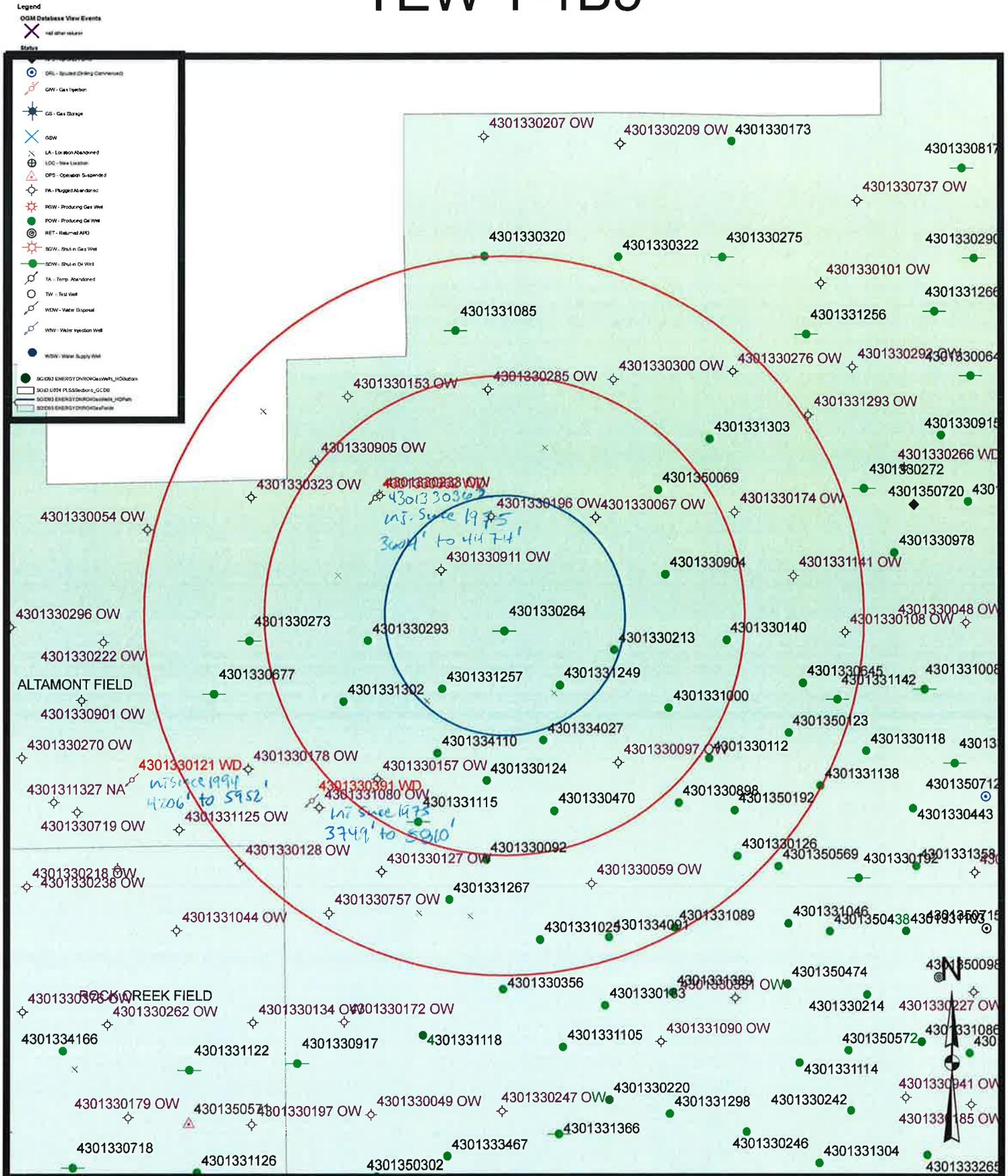
### Formation Information

Formation	Depth
BMSW	4000
GRRVL	10023
WSTC	11443
FLAG	13550
NHORN	15074



**TD:** 15200 **TVD:** **PBSD:** 15188

# Injection Well Area of Review TEW 1-1B5



# TEW 1-1B5

API # 43-013-30264

DOGM Operator: N3065

Field: 55 Entity: 01870

Altamont / Bluebell Field – Duchesne County, Utah

NE/4 NE/4; 1,558'FNL 671'FEL of

Section 1, Township 1 S, Range 5 W USB&M

Lat. = 40.34009, Long. = -110.39100

Approximately 6 miles West of Altamont, Utah

## Field Plug & Abandonment Procedure

### CURRENT STATUS:

This well was spud on 12/20/1973 and completed on 7/5/1974 in the Green River-Wasatch formations at a TD of 15,200'. According to UDOGM, production from this well last occurred in May 2009. It has been temporarily abandon for 3 years. The unit (Section 1-T2S-R5W, Duchesne County) is still active since there is one (1) producing well in this section: the Miles 2-1B5. Between these two (2) wells there has been monthly unit production with no cessation greater than 60 days (which is sufficient to hold all the leases in the unit) since at least January, 1984, the month that UDOGM began monitoring monthly production.

Currently, El Paso owns 96.0189% WI in this well. The other co-owner is Jeanne Oltman, owning 3.9811% WI in this well. Jeanne Oltman is subject to a 1977 AAPL Form 610 JOA dated December 1, 1986 (EP Contract #1006054) that requires 100% approval for plugging the Tew 1-1B5. If Jeanne Oltman's election is not received prior to March 15, 2012, management will have to decide whether to proceed.

### Wellbore History

- Fee Land
- Shell Oil Co. - Rocky Mtn. Div. -King Silver Corp. - Permitted the well
- MAPCO Inc. Spudded the well on 12/20/1973 The well reached TD 3/8/1974
- The was completed on 7/5/1974
- Date of first production was 7/6/1974; Completed in Wasatch
- Abandoned the Wasatch and recompleted to the Lower Green River 9/3/1994:
- 3/9/2001 - Coastal Oil & Gas Corp. merges with El Paso Production Oil & Gas Company
- 7/1/2006 - El Paso Production Oil & Gas Company changes name to El Paso E&P Company, LP

**WELL DATA**

BHT:	±200°F	Casing Fluid:	Inhibited Produced Salt Water
BHP:	Unknown psig	TD:	15,200'
SITP:	Unknown	PBTD:	15,100'
SICP:	Unknown	KB:	6,684'
		GL:	6,657'
		KB-GL:	27'

String	Description	Burst (psi) (100%)	Collapse (psi) (100%)	Body Yield (kips)	Joint Yield (kips)	ID (in.)	Drift (in.)	Capacity (BBL/ft)	TOC
Surface Casing	9-5/8" 40# K-55 ST&C to 7140'	3950	2570	630	486	8.679	8.835	.0732	SURF
Intermediate Casing	7" 26# S-95 to 11882'	8600	7800	717	602	6.276	6.151	.0383	8,634' (CBL)
Production Liner	5" 18# N-80/S-95 SFJ-P from 11659' to 15198'	10140 12040	10490 12030	422 501	396 436	4.276	4.151	.0178	TOL
Production Tubing	2-7/8" 6.5# N-80 8rd	10570	11160	-	-	2.441	2.347	.00579	-

## Plug & Abandonment Procedure

1. Notify DOGM of P&A operations at least 24 hours prior to start of well work (See Contact List).
2. Check wellhead and all annuli for pressure; If there is pressure on the annuli, bleed the pressure off and fill the annuli as needed; Record all casing pressures along with the amount of produced water or mud necessary to fill the casing and kill well; Set back pressure valves in tubing hanger
3. ND the tree; NU a BOP stack. Test rams to 250psig/5,000psig and all connecting high pressure piping and valves; Pressure test the annular to 250psig / 3500psig; Note all pressure tests in the daily report and capture each pressure test on a chart; RU and pull the back pressure valve from the tubing hanger
4. PU a landing joint for the 2 $\frac{7}{8}$ " tubing; Land joint and make up in the tubing hanger
5. RU pump and high pressure pipe to 2 $\frac{7}{8}$ " tubing
6. Test all connections to 250psig/5000psig;
7. RU squeeze manifold to production casing valve to take returns from the production casing annulus
8. Test all connections and choke manifold to 250psig/5000psig
9. PU and MU a gauge ring run of the 2 $\frac{7}{8}$ " Tubing; Pressure test lubricator to 250psig/3000psig; RIH with assembly to  $\pm$ 9,950' or deep enough to check and see if the pump and/or standing valve is still in place; POOH; Make note of any obstructions, restrictions, sand fill, paraffin or equipment in the tubing
10. If there is a pump in the hole, retrieve if possible and retrieve the standing valve from seating nipple;
11. PU and MU pump rod pulling tools if the pump is still installed; RIH; Latch and POOH with pump and rods;
12. PU and MU standing valve pulling and equalizing tools and equalize and pull the standing valve if it still in place.
13. RU Hot Oil Unit and circulate Sidestring, Tubing and production annulus clean with hot solution;
14. Circulate 9.5ppg fresh water mud or inhibited field produced salt water down the tubing strings and up the production casing

15. RU 2 $\frac{7}{8}$ " pulling and handling tools; tubing anchor and TOO H with pipe and LD pipe; Check for NORM; If no NORM is found, note it in the daily report; If NORM is found in the tubing; Follow El Paso procedures and chain of custody paperwork for handling, wrapping and transporting NORM tubing to a proper cleaning or disposal site.

16. PU and TIH with workstring to TOC at  $\pm 11,185'$ ; Establish injection into the perforations

**Plug #1A**

17. If injection is sufficient for cement squeezing (.5-2.0bpm at a safe and reasonable injection pressure), Calculate a safe and adequate squeeze pressure limit prior to beginning to mix the cement;

18. Mix and pump a  $\pm 188$  sack  $\pm 868'$  balanced cement plug ( $\pm 35.2$ bbbls) consisting of 16.4ppg 1.05 yield Class G cement with any necessary additives (BHT= $\pm 200^\circ\text{F}$ ); Circulate cement to Displacing with 9.5ppg fresh water mud or approved equivalent until the cement plug is in place from  $\pm 10,132'$  or the pre-determined squeeze pressure is reached using a braidenhead squeeze technique; Pull up above the TOC and circulate the hole clean and trap  $\pm 1000$ psig on the squeeze plug and WOC; Monitor surface samples of cement to determine when the cement has set up

19. TIH with pipe and tag the TOC of the squeeze and record in the morning report

20. POOH to  $\pm 10,000'$  or  $\pm 100'$  above the TOC;

**Plug #2**

21. Mix and circulate a  $\pm 200'$  balanced cement plug with  $\pm 41$  sacks ( $\pm 7.7$ bbbls) of 16.4ppg 1.05 yield Class G cement from  $\pm 10,000'$  to  $\pm 9,800'$  using 9.5ppg fresh water mud or approved equivalent to place the cement; TOO H with tubing above the cement and Circulate the hole clean; WOC; Monitor surface samples of cement to determine when the cement has set up

22. TIH and tag the top of the balanced plug; Record the depth in the daily report

**Plug #3**

23. TOO H to 8,500' and break circulation

24. TOO H with workstring

25. RU Eline; PU & MU a circulating perforation assembly; Test lubricator; RIH to  $\pm 8500'$ ; Pressure up to 500psig on casing and perforate casing at  $\pm 8500'$ ; POOH

26. PU & MU a mechanical set cement retainer on the workstring; TIH to  $\pm 8300'$ ; Set cement retainer; Establish circulation or injection into perforations and back up the annulus
27. Mix and circulate a  $\pm 500'$  In-Out cement plug with  $\pm 112.4$  sacks ( $\pm 21.1$  bbls) of 16.4ppg 1.05 yield Class G cement below the cement retainer and up the annulus; Sting out of the cement retainer; Lay in a  $\pm 300'$  balanced cement plug,  $\pm 61.6$  sacks ( $\pm 11.5$  bbls) on top of the cement retainer TOO H with tubing until above cement and Circulate the hole clean; WOC; Monitor surface samples of cement to determine when the cement has set up
28. TIH and tag the top of the balanced plug; Record the depth in the daily report  
**Plug #4**
29. TOO H to 7,500' and break circulation
30. TOO H with workstring
31. RU Eline; PU & MU a circulating perforation assembly; Test lubricator; RIH to  $\pm 7500'$ ; Pressure up to 500psig on casing and perforate casing at  $\pm 7500'$ ; POOH
32. PU & MU a mechanical set cement retainer on the workstring; TIH to  $\pm 7300'$ ; Set cement retainer; Establish circulation or injection into perforations and back up the annulus
33. Mix and circulate a  $\pm 500'$  In-Out cement plug with  $\pm 112.4$  sacks ( $\pm 21.1$  bbls) of 16.4ppg 1.05 yield Class G cement below the cement retainer and up the annulus; Sting out of the cement retainer; Lay in a  $\pm 300'$  balanced cement plug,  $\pm 61.6$  sacks ( $\pm 11.5$  bbls) on top of the cement retainer TOO H with tubing until above cement and Circulate the hole clean; WOC; Monitor surface samples of cement to determine when the cement has set up
34. TIH and tag the top of the balanced plug; Record the depth in the daily report  
**Plug #5**
35. TOO H with workstring
36. RU Eline; PU & MU a string shot jet-cutter assembly; Test lubricator; RIH to  $\pm 8000'$ ; Tag the top of the balanced plug; Record the depth in the daily report; POOH and Set-back the Eline; POOH to  $\pm 7240'$ ; Pull tension in casing; Jet cut or jump a collar at  $\pm 7240'$ ; POOH with Eline and Set-back Eline
37. RU casing handling tools; ND Tree to casing head; Set 7" casing spear; POOH with cut casing; Check for NORM; If no NORM is found, note it in the daily report; If

NORM is found in the tubing; Follow El Paso procedures and chain of custody paperwork for handling, wrapping and transporting NORM tubing to a proper cleaning or disposal site.

38. TIH with workstring to  $\pm 7340'$  and break circulation
39. Mix and lay in a  $\pm 350'$  balanced cement plug using  $\pm 122$  sacks ( $\pm 22.8$  bbls) of 16.4ppg 1.05 yield Class G cement from  $\pm 7340-6990'$ ; POOH to  $\pm 3800'$  or at least above the cement and circulate the hole clean; WOC; Monitor surface samples of cement to determine when the cement has set up
40. TIH and tag the top of the balanced plug; Record the depth in the daily report

**Plug #6**

41. TOOH workstring; Mix and circulate in a  $\pm 300'$  balanced cement plug from  $\pm 3500-3800'$  below ground level made with  $\pm 122$  sacks ( $\pm 22.7$  bbls) of 16.4ppg 1.05 yield Class G cement; POOH; WOC; Monitor surface samples of cement to determine when the cement has set up
42. Pressure test the balanced plug to 1000psig for 30 minutes on chart
43. Bubble test  $9\frac{5}{8}"$  casing for 1 hr; Record the results

**Plug #7**

44. TOOH workstring; TIH to  $\pm 215'$ ; Mix and circulate in a  $\pm 200'$  balanced cement plug from  $\pm 15'$  to  $\pm 215'$  below ground level made with  $\pm 81$  sacks ( $\pm 15.2$  bbls) of 16.4ppg 1.05 yield Class G cement; POOH; WOC; Monitor surface samples of cement to determine when the cement has set up
45. TIH and tag the top of the cement plug; Record the depth in the daily report
46. RU casing cutting equipment; Cut the remaining casing at  $\geq 3'$  below GL
47. Weld and install dry hole plate. Dry hole plate is to include the following:

- |                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"><li>1. Well Name: TEW 1-1B5</li><li>2. Operator Name : El Paso E&amp;P Company, LP</li><li>3. API Number: 43-013-30264</li><li>4. Location–Qtr/Qtr–Sec–Township–Range: NE/4 NE/4 Section 1, Township 1 S, Range 5 W USB&amp;M</li></ol> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

48. RD&MO rig & clean up location
49. Restore location as directed



Exploration & Production

DOGM Fld#: 55 EP Lse #: 10001719

Well: 1-1B5

Onshore: Utah - Duchesne County

API #: 43-013-30264

**Wellbore Drawing Status: Current**

Operator #: N3065 This is a DOGM Regulated Well

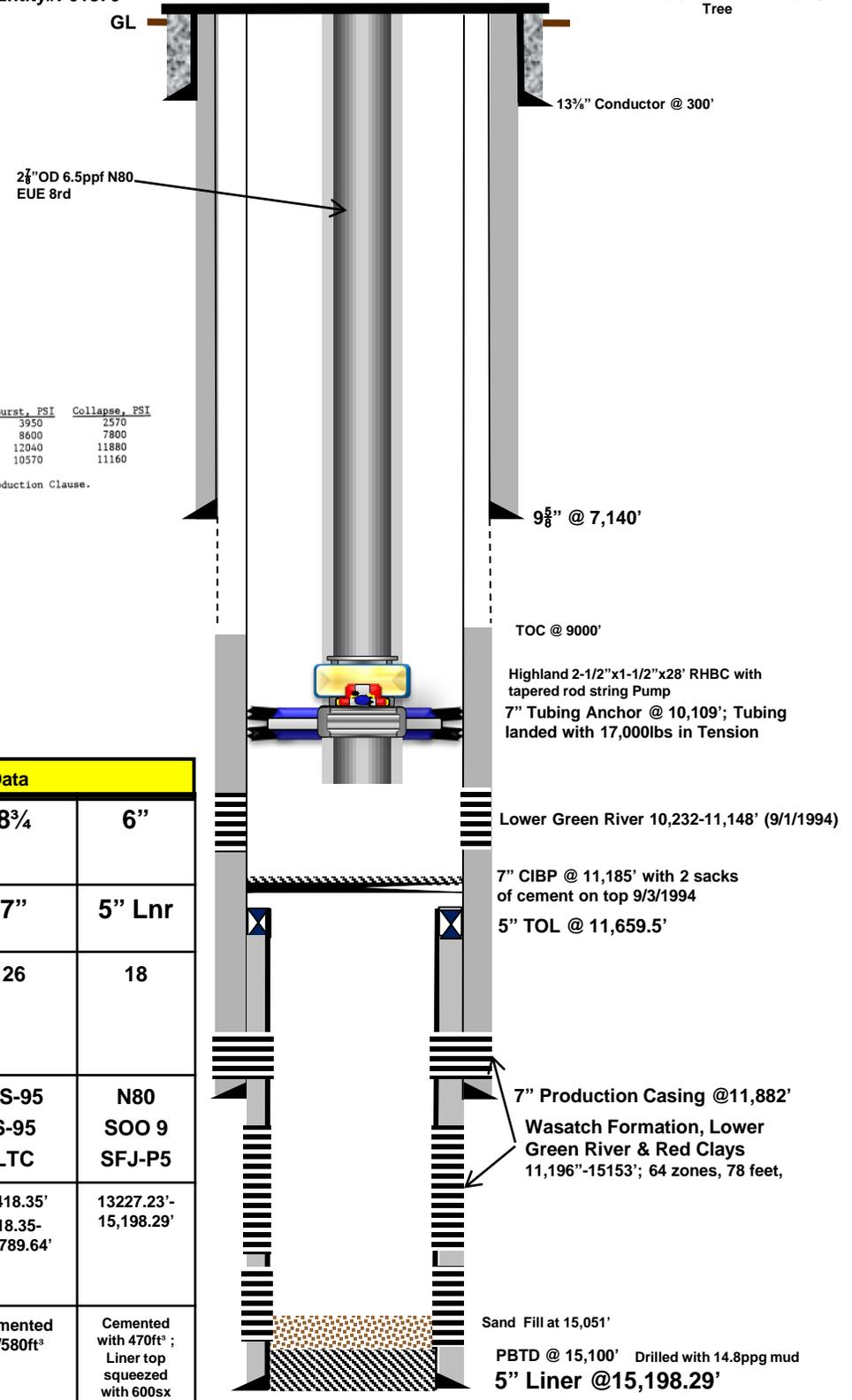
KB	6,684'
GL	6,657
RKB-GL	27'
Location	NE/4 NE/4 Sec 1 T2S R5W 1558'FNL & 671'FEL USB&M
Lat:	40.
Long:	-110.
BHT	225°F

Entity#: 01870

Wellhead Equipment: 6" 10,000psig WP Tree

Description	ID	Drift	Capacity, B/F	Burst, PSI	Collapse, PSI
9-5/8" 40# K-55	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95	6.276"	6.151"	0.0382	8600	7800
5" 18# SOO-95	4.276"	4.151"	0.01776	12040	11880
2-7/8" 6.5# N-80	2.441"	2.347"	0.00579	10570	11160

Present Status: Shut-in 9/27/89. 60 day Cessation of Production Clause.



**Casing and Cementing Data**

Hole Size	17 1/2"	12 1/4"	8 3/4"	6"
CSG OD	13 3/8"	9 5/8"	7"	5" Lnr
ppf	68.0	40	26	18
Gr/ Thds	K55 STC	K55 STC	RS-95 S-95 LTC	N80 SOO 9 SFJ-P5
Depth	0-300'	0-7,140'	0-418.35' 418.35- 11,789.64'	13227.23'- 15,198.29'
Cement Info.	Cement ed with 420ft³	Cement with 900ft³	Cemented w/580ft³	Cemented with 470ft³ ; Liner top squeezed with 600sx of cement; tested to 1600psig

TD=15,200' MD  
(12,905'TVD)



Exploration & Production

DOGM Fld#: 55 EP Lse #: 10001719

Well: 1-1B5

Onshore: Utah - Duchesne County

API #: 43-013-30264

**Wellbore Drawing Status: Proposed**

Operator #: N3065 This is a DOGM Regulated Well

KB	6,684'
GL	6,657
RKB-GL	27'
Location	NE/4 NE/4 Sec 1 T2S R5W 1558'FNL & 671'FEL USB&M
Lat:	40.
Long:	-110.
BHT	225°F

Entity#: 01870

Wellhead Equipment: 6" 10, 000psig WP Tree

Description	ID	Drift	Capacity, B/F	Burst, PSI	Collapse, PSI
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2-7/8" 6.5# N-80	2.441"	2.347"	0.00579	10570	11160

Present Status: Shut-in 9/27/89. 60 day Cessation of Production Clause.

Remaining casing cut & pulled from ±3' BGL with P&A ID cap welded in place

Tubing anchor and tubing pulled out of hole

Plug #7: ±200' Balanced Cement plug ±15-215' 16.4ppg 1.05 yield; ± 81sx 13 3/4" @ 300'

Plug #6 ±300' Balanced Cement plug ± 3500-3800' 16.4ppg 1.05 yield; ±122sx

Plug #5: ±350' Balanced Cement plug ±6990-7340' 16.4ppg 1.05 yield; ± 122sx

9 5/8" @ 7,140'  
7" casing cut & pulled from ±7240'

Plug #4: ±500' in-out Cement plug ± 7400-7900' 16.4ppg 1.05 yield; Cement Retainer at 8300'; Perf's 8500'; ± 61.6sx on top of CR; ± 112.4sx below CR

Plug #3: ±500' in-out Cement plug ± 8000-8500' 16.4ppg 1.05 yield; Cement Retainer at 8300'; Perf's 8500'; ± 61.6sx on top of CR; ± 112.4sx below CR

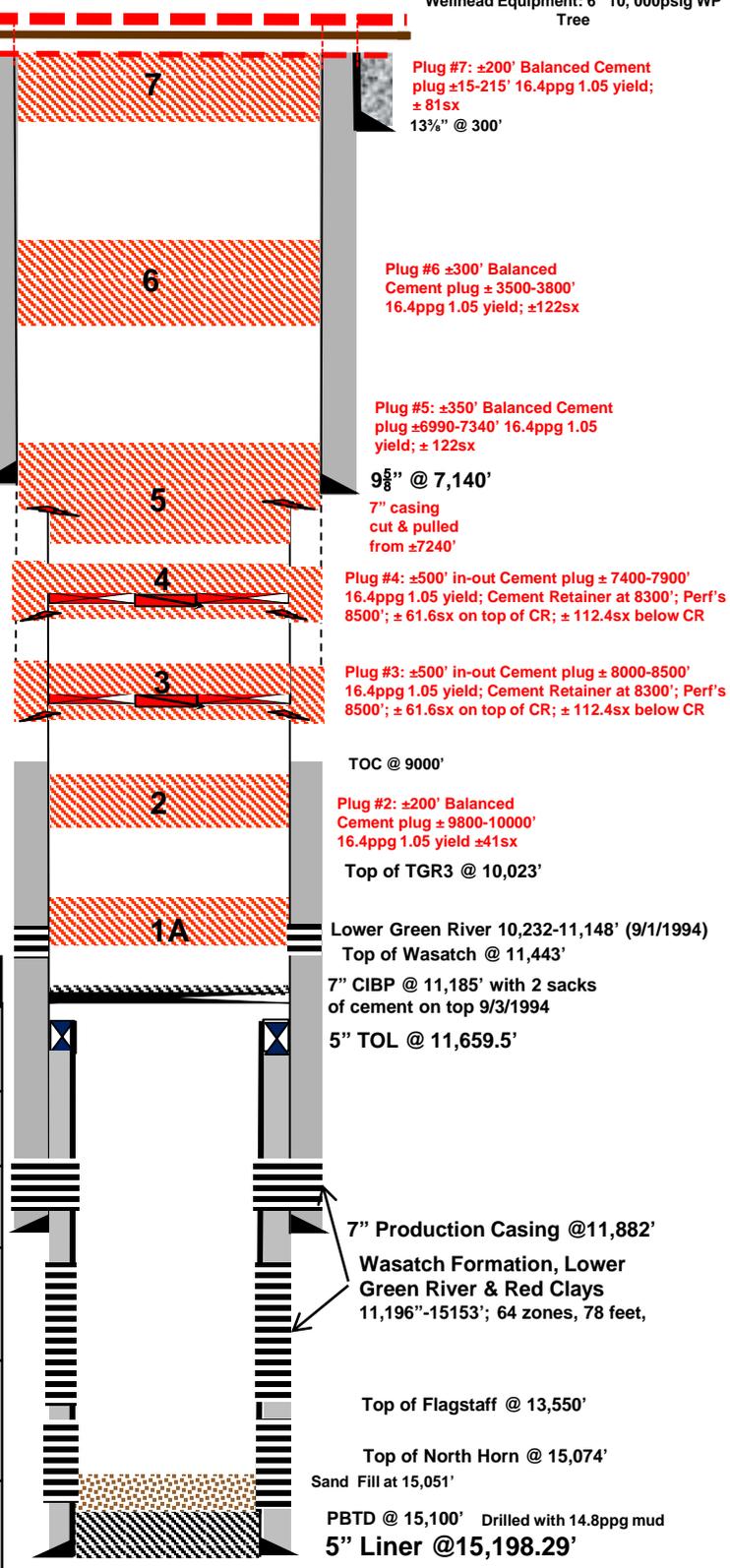
TOC @ 9000'  
Plug #2: ±200' Balanced Cement plug ± 9800-10000' 16.4ppg 1.05 yield ±41sx  
Top of TGR3 @ 10,023'

Plug #1A: ±868' Balanced Cement plug ± 10132-11000' 16.4ppg 1.05 yield

Lower Green River 10,232-11,148' (9/1/1994)  
Top of Wasatch @ 11,443'  
7" CIBP @ 11,185' with 2 sacks of cement on top 9/3/1994  
5" TOL @ 11,659.5'

**Casing and Cementing Data**

Hole Size	17.5"	12.25"	8.75"	6"
CSG OD/ID	13.325"/12.415"	9.625"/8.835"	7"/6.276"	5" Lnr 4.276"
ppf	68.0	40	26	18
Gr/Thds	K55 STC	K55 STC	RS-95 S-95 LTC	N80 SOO 9 SFJ-P5
Depth	0-300'	0-7,140'	0-418.35' 418.35-11,789.64'	13227.23' - 15,198.29'
Cement Info.	Cemented with 420ft³	Cement with 900ft³	Cemented w/580ft³	Cemented with 470ft³; Liner top squeezed with 600sx of cement; tested to 1600psig



TD=15,200' MD (12,905' TVD)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> TEW 1-1B5
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP		<b>9. API NUMBER:</b> 43013302640000
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1558 FNL 0671 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 01 Township: 02.0S Range: 05.0W Meridian: U		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/28/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
See attached for details.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 15, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Principle Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 4/25/2012

**1 General****1.1 Customer Information**

Company	WESTERN
Representative	
Address	

**1.2 Well Information**

Well	TEW 1-1B5		
Project	ALTAMONT FIELD	Site	TEW 1-1B5
Rig Name/No.	WWS/1	Event	P&A LAND
Start Date	3/9/2012	End Date	
Spud Date	12/20/1973	UWI	001-002-S 005-W 30
Active Datum	WARNING!REVIEW DATUM-GROUND LEVEL @6,647.0ft (above Mean Sea Level)		
Afe No./Description	AFE#/44873 / , /		

**2 Summary****2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/13/2012	6:00 7:00	1.00	MIRU	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING UP
	7:00 11:00	4.00	MIRU	01		P		MOVE EQUIPMENT TO LOCATION...RIG DOWN MOVE OFF PMPING UNIT
	11:00 12:30	1.50	MIRU	01		P		MIRU SPOT TANKS CSG PRESSURE 500 PSI BLED OFF PRESSURE TO FLOW BACK TANK
	12:30 19:30	7.00	PRDHEQ	39		P		L/D POLISH ROD PMP 60 HOT DOWN ANNULAS UNSEAT PMP TOH L/D 127-1" 131-7/8" 131-3/4" 8-1" L/D PMP FLUSH TBG w 40 BBLs OF HOT TPW SECURE WELL SDFN 80 GALS OF DIESEL 50 GALS OF LPG
3/14/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD LAOD...R/U HOT OIL TRUCK FLUSH TBG w 120 BBLs OF HOT TPW
	7:00 8:30	1.50	WBP	47		P		N/D WELL HEAD ATTEMPT TO PICK UP TBG OUT OF HANGER FAILED PULLED 120K
	8:30 10:00	1.50	WBP	06		P		ORDER OUT JAR WHILE WAITING ON JAR CIRC WELL w HOT TPW
	10:00 11:00	1.00	WBP	47		P		R/U 3 3/4" BOWWEN JAR...JAR HANGER FREE RELEASE 7" TAC AT 10110'
	11:00 15:30	4.50	WBP	06		P		R/U HOT OIL TRUCK CIRC WELL CLEAN w PARIFFIN SALVENT AND HOT TPW
	15:30 17:30	2.00	WBP	39		P		SOH w 232 JTS OF 2 7/8" TBG SECURE WELL SDFN 80 GALS OF DIESEL 250 GALS OF LPG EOT 3870'
3/15/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 9:00	2.00	WBP	39		P		CSIP 0 PSI TSIP 0 PSI FINISH TOH w 2 7/8" TBG L/D BHA
	9:00 12:00	3.00	WBP	39		P		TIH w 357 JTS OF 2 7/8" TBG TAG AT 11168' MD
	12:00 13:30	1.50	WBP	05		P		ESTABLISH CIRC PMP PLUG #1 210 SX OF CMT w 2%CC LCM
	13:30 16:30	3.00	WBP	05		P		TOH w 2 7/8" TBG TO 9100' REVERSE CIRC WOC...CMT SAMPLE STILL GREEN SECURE WELL SDFN 80 GALS OF DIESEL 75 GALS OF LPG...ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES

3/16/2012

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PRESSURE ON LINES
	7:00 11:30	4.50	WBP	05		P		CSIP 0 PSI TSIP 0 PIS TIH w 2 7/8" TBG TAG PLUG #1 AT 10280' SHORT 148' PMP 30 SX OF ADDITIONAL CMT TOH w TBG TO 9100' REVERSE CICR TBG WOC
	11:30 12:00	0.50	WBP	05		P		TIH TAG PLUG #1 AT 10113' TTL CMT 1055' (PLUG #1 11168'-10113')
	12:00 15:30	3.50	WBP	05		P		TOH w 2 7/8" TBG TO 9984' PMP PLUG #2 41 SX OF CMT TOH w TBG TO 8800' REVERSE CICR WELL WOC
	15:30 16:00	0.50	WBP	05		P		TIH w TBG TAG PLUG #2 AT 9802' 183' OF CMT (PLUG #2 9984'-9802') TEST 7" CSG TO 500 PSI
	16:00 17:30	1.50	WBP	05		P		SOH L/D 54 JTS OF 2 7/8" TBG CONTINUE TO DERRICK w 100 JTS OF 2 7/8" TBG...EOT 5180' SECURE WELL SDFN 80 GALS OF DIESEL 100 GALS OF LPG
3/17/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; WORKING WITH WIRELINE
	7:00 8:30	1.50	WBP	39		P		FINISH TOH w TBG TEST 7" CSG TO 1000 PSI TEST GOOD
	8:30 10:30	2.00	WBP	21		P		R/U TIH w PERFORATING GUN PRESSURE 7" CSG TO 500 PSI PERFORATE AT 8500' NO PRESSURE CHANGE BLEED OFF PRESSURE TOH LD GUN
	10:30 11:00	0.50	WBP	18		P		ATTEMPT TO ESTABLISH INJECTION RATE DOWN 7" CSG FAILED PRESSURE UP TO 1000 PSI
	11:00 14:30	3.50	WBP	39		P		TIH w 275 JTS OF 2 7/8" TBG TO 8580'
	14:30 16:00	1.50	WBP	05		P		PMP PLUG # 3 35 SX OF CMT TOH w TBG TO 8019' REVERSE CICR TBG TOH w TBG TO 7520' WOC...SECURE WELL SDFW 45 GALS OF LPG 80 GALS OF DIESEL
3/18/2012								NO ACTIVITY DOWN FOR WEEKEND
3/19/2012								NO ACTIVITY DOWN FOR WEEKEND
3/20/2012	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 8:00	1.00	PRDHEQ	39		P		TIH w 2 7/8" TBG TAG PLUG #3 AT 8394' 186" PLUG...(PLUG #3 8580'-8394) TOH w TBG
	8:00 11:00	3.00	WBP	39		P		R/U WIRELINE TIH PERFORATE 7900' TOH R/D WIRELINE
	11:00 11:30	0.50	WBP	05		P		ATTEMPT TO ESTABLISH INJECTION RATE PRESSURE UP TO 1000 PSI SMALL BLEED OFF UNABLE TO INJECT
	11:30 16:00	4.50	WBP	39		P		TIH w 2 7/8" TBG TO 7987' PMP PLUG #4 45 SX OF CMT TOH w TBG TO 6900' REVERSE CIRC TBG WOC
	16:00 16:30	0.50	WBP	39		P		TIH w TBG TAG PLUG #4 AT 7760' 227' PLUG ( PLUG #4 7987'-7760')
	16:30 18:00	1.50	WBP	39		P		SOH w 2 7/8" TBG EOT 4000' SECURE WELL SDFN 80 GALS OF DIESEL 350 GALS OF LPG...ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES
3/21/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; FREE POINT CSG
	7:00 8:00	1.00	WBP	39		P		FINISH TOH w 2 7/8" TBG
	8:00 12:30	4.50	WBP	18		P		R/D FLOOR AND TONGS DIG OUT AROUND WELL HEAD CHIP OUT CEMENT CUT WINDOW IN 9 5/8" CSG CUT 7" CSG
	12:30 13:30	1.00	WBP	18		P		R/U WIRELINE TIH w FREE POINT TOOLS...FREE POINT 7" CSG AT 90% 5800' TOH w WIRELINE L/D FREE POINT TOOLS
	13:30 14:00	0.50	WBP	18		P		TIH w CUTTER...CUT 7" COUPLING AT 5800' TOH R/D WIRELINE
	14:00 18:00	4.00	WBP	39		P		SOH L/D 7" CSG TTL OF 32 JTS LAND 7" CSG SECURE WELL SDFN AM CONTINUE TOH w 7" CSG 87 GALS OF DIESEL...ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
3/22/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; LAYING DOWN CSG
	7:00 14:00	7.00	WBP	39		P		CONTINUE L/D 7" CSG TTL OF 134 JTS OF 7" CSG
	14:00 15:00	1.00	WBP	39		P		R/D CSG EQUIPMENT R/U FLOOR CHANGE HANDLING TOOLS FOR 2 7/8" TBG
	15:00 18:30	3.50	WBP	39		P		TIH w 232 JTS OF 2 7/8" TBG TO 7238' PUMP PLUG #5 45 SX OF CMT TOH w TBG TO 6000' REVERSE CIRC WOC SECURE WELL SDFN
3/23/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; TRIPPING TUBING
	7:00 7:30	0.50	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG # 5 AT 7036' 202' PLUG ( PLUG # 5 7238'- 7036' )
	7:30 11:30	4.00	WBP	05		P		TOH w 2 7/8" TBG TO 5866' PMP PLUG #6 STUB PLUG 80 SX OF CMT w 2% CC AND LCM TOH w 2 7/8" TBG TO 3500' REVERSE CIRC WOC
	11:30 12:00	0.50	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG #6 STUB PLUG AT 5659' 207' PLUG ( STUB PLUG 5866'-5659')
	12:00 15:00	3.00	WBP	05		P		TOH w 2 7/8" TBG TO 3806' PMP PLUG #7 120 SX OF CMT TOH w TBG TO 1680' REVERSE CIRC TBG WOC SECURE WELL SDFN 80 GALS OF DIESEL...ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL
3/24/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PUMP & LINES
	7:00 8:00	1.00	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG #7 AT 3666' 140' PLUG SHORT
	8:00 12:00	4.00	WBP	05		P		PMP ADDITIONAL 65 SX OF CMT w 2% CC & LCM TOH w 2 7/8' TBG TO 1680' HAD TO PMP 3 BPM TO REVERSE CIRC WOC...WHILE WIATING ON CMT ATTEMPT TO FILL WELL AT 2 BPM PMP 120 BBLs OF TPW UNABLE TO FILL WELL
	12:00 12:30	0.50	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG #7 AT 3516' TTL OF 290' OF CMT ( PLUG #7 3806'-3516')
	12:30 16:00	3.50	WBP	05		P		TOH w 2 7/8" TBG TO 3186' PMP PLUG #8 80 SX OF CMT w 2% CC & LCM...AS PER DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES PMP ADDITIONAL PLUG #8 TOH w 2 7/8" TBG TO 1680 REVERSE CIRC WOC
	16:00 16:30	0.50	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG #8 AT 3026' 156' OF CMT SHORT
	16:30 18:00	1.50	WBP	05		P		ESTABLISH CIRC 1 BPM PMP ADDITIONAL 25 SX OF CMT w 2% CC & LCM TOH w 2 7/8" TBG TO 1680' REVERSE TBG WOC SECURE WELL SDFW DIESEL 80 GALS LPG 100 GALS
3/25/2012							NO ACTIVITY DOWN FOR WEEKEND	
3/26/2012							NO ACTIVITY DOWN FOR WEEKEND	
3/27/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; PINCH POINTS
	7:00 9:00	2.00	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG #8 AT 2946' ( PLUG #8 3186'- 2946' 240' PLUG ) STILL HAVE LEAK IN 9 5/8"
	9:00 14:00	5.00	WBP	05		P		TOH w 2 7/8" TBG TO 2808' PMP ADDITIONAL PLUG #8A 80 SX OF CMT 2%CC LCM TOH TO 1800' WOC
	14:00 16:00	2.00	WBP	39		P		TOH w 2 7/8" TBG TAG PLUG #8A CMT STILL GREEN WOC TIH TAG AT 2628' 180' OF CMT STILL HAVE LEAK IN 9 5/8"
	16:00 17:00	1.00	WBP	05		P		TOH w 2 7/8" TBG TO 2402' PMP PLUG #8B 45 SX OF CMT w CC AND LCM TOH w 2 7/8" TBG TO 1400' WOC SECURE WELL SDFN 80 GALS OF DIESEL ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES
3/28/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; OVER HEAD LAODS

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:00 7:30	0.50	WBP	39		P		TIH w 2 7/8" TBG TAG PLUG #8B AT 2308' 94' (PLUG #8 2946'-2308' TTL OF 638' OF CMT)
	7:30 8:00	0.50	WBP	39		P		TOH w 2 7/8" TBG
	8:00 9:00	1.00	WBP	16		P		N/D BOPE N/D WELL HEAD TEST 9 5/8" CSG HELD
	9:00 10:30	1.50	WBP	39		P		TIH w 2 7/8" TBG TOH L/D 2 7/8' TBG
	10:30 13:00	2.50	WBP	18		P		R/U JACK HAMMER OUT CMT AROUND WELL HEAD DIG OUT CSG CUT 3' BELOW GROUND LEVEL
	13:00 17:00	4.00	WBP	05		P		ATTEMPT TO FILL 13 5/8" CSG FAILED TAKING FLUID RUN 1" DOWN 13 5/8" ANNULAS PMP 35 SX OF CMT w 2% CC LCM PULL OUT 1" WOC
	17:00 18:00	1.00	WBP	05		P		RUN 1" DOWN 13 3/8" ANNULAS PMP ADDITIONAL 60 SX OF CMT PULL OUT w 1" WOC SECURE WELL SDFN DIESEL 80 GALS ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES
3/29/2012	6:00 7:00	1.00	WBP	28		P		CREW TRAVEL TO LOCATION HSM WRITE AND REVIEW JSA TOPIC; RIGGING DOWN
	7:00 8:00	1.00	WBP	05		P		RUN 1" DOWN 13 3/8" FILL ANNULAS w 25 SX OF GOOD CMT TO SUREFACE PULL OUT 1"
	8:00 9:00	1.00	WBP	05		P		TIH w 2 7/8" TBG IN 9 5/8" CSG TO 200' AND FILL TO SURFACE w GOOD CMT 83 SX TOH L/D 2 7/8" TBG TOP OF HOLE w CMT
	9:00 12:00	3.00	RDMO	02		P		RDMO WELD INFO PLATE ON WELL TURN LOCATION OVER TO BE RESTORED; ALL CHANGES APPROVED BY DUSTIN DOUCET AND DENNIS INGRAM W/ UTAH DIVISION OF NATURAL RESOURCES

**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
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CA No.		Unit:			N/A			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

See Attached

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

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER:  
(713) 997-5038

10. FIELD AND POOL, OR WILDCAT:

See Attached

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

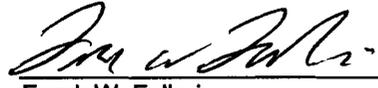
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

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

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

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

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

(5/2009) Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
Rachel Medina

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	

El Paso E2 Company, L.P. (N3065) to EP Energy E2 Company, L.P. (N3850) effective 6/1/2012

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

El Paso E4 Company, L.P. (N3065) to EP Energy E4 Company, L.P. (N3850) effective 6/1/2012

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	