

FILE NOTATIONS

Entered in NED File ..... ✓  
 Entered Map Plans ..... ✓  
 and Index ..... ✓

Checked by Chief .....  
 Inspector .....  
 Disapproval Letter .....  
*07/10/93*  
*1-18-93*

COMPLETION DATA:

Date Well Completed .....  
 W..... WW..... TA.....  
 JW..... OS..... PA.....

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

LOGS FILED

Driller's Log.....  
 Electric Log (No.) .....  
 G..... U..... Drill Log..... GR-M..... Micro.....  
 S..... GR..... Log..... MI-L..... Sonic.....  
 CBLog..... CULog..... Others.....

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Ellsworth

2. Name of Operator Shell Oil Company (Rocky Mountain Div. Production)

Chevron Oil and Gulf Oil Corp.

9. Well No.

1-16B4

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

10. Field and Pool, or Wildcat

Altamont

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

At surface

1801' FNL and 1101' FEL Sec 16

11. Sec., T., R., M., or Blk. and Survey or Area

SE/4 NE/4 Section 16-  
T 2S-R 4W

At proposed prod. zone

NWSENE

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

4 miles SW of Altamont

12. County or Parrish 13. State

Duchesne Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 219' from property and lease line

16. No. of acres in lease

240

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

13,300'

20. Rotary or cable tools

Rotary

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

6329 GL (Ungraded)

22. Approx. date work will start\*

Soon

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"		300' ±	250
12 1/4"	9 5/8"		6250' ±	600
8 3/4"	7"		11,100' ±	250
6 1/8"	5" liner		13,300' ±	275

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

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 1-12-73

BY

Verbal approval to drill obtained from Scheree De Rose by Craig Van Kirk 12-28-72

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.

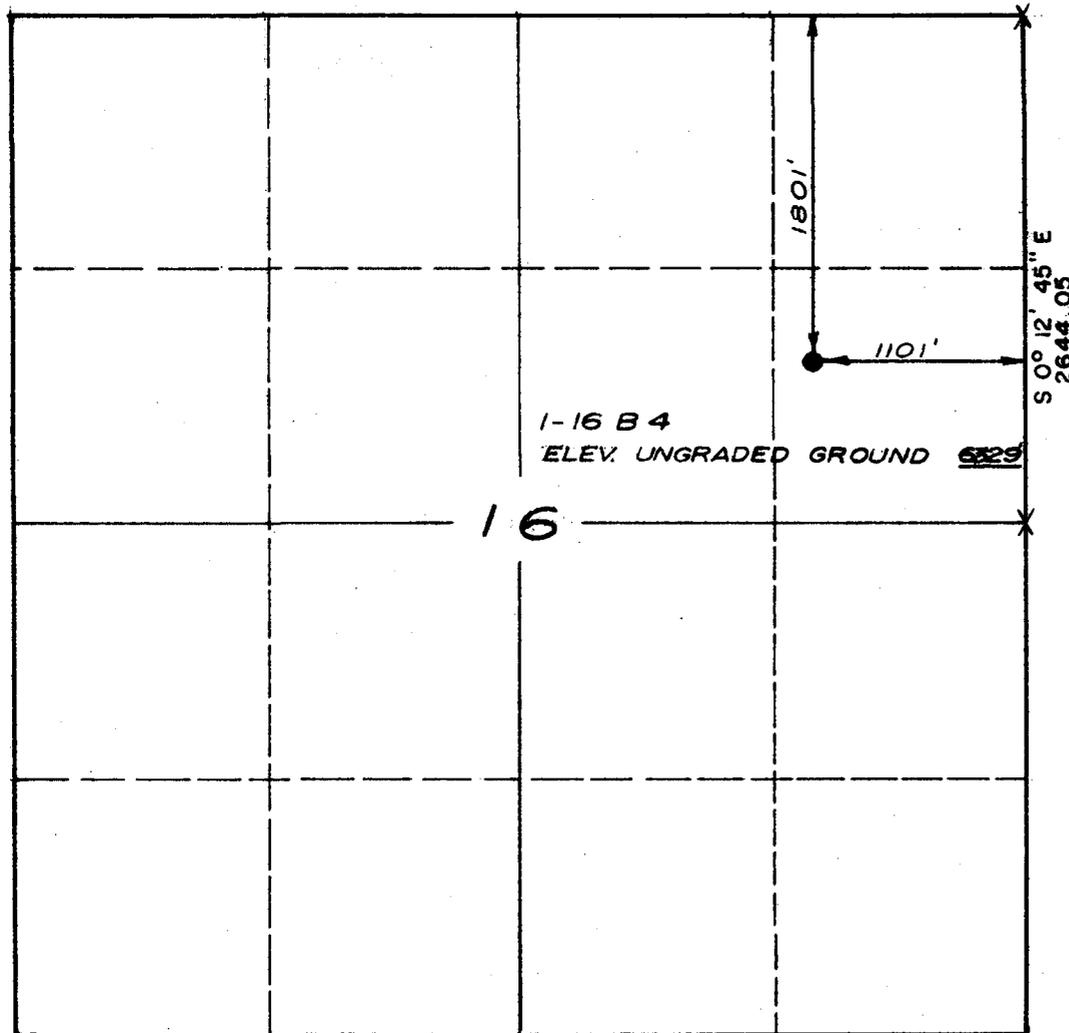
24. Signed K.R. Jordan Title Division Operations Engineer Date January 10, 1973

(This space for Federal or State office use)

Permit No. 43-013-30192 Approval Date

Approved by Title Date  
Conditions of approval, if any:

T2S, R4W, U.S.B. & M.



1-16 B 4  
ELEV. UNGRADED GROUND 5329

16

PROJECT

SHELL OIL COMPANY

Well location, 1-16 B 4, located as shown in the SE 1/4 NE 1/4 Section 16, T2S, R4W, U.S.B. & M., Duchesne County, Utah



CERTIFICATE

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

*Gene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

X = Corners Located & Used

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

SCALE 1" = 1000'	DATE 11 Sept. 1972
PARTY G. S. & T. L.	REFERENCES G L O Plat.
WEATHER WARM	FILE Shell Oil Co.

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

0' - 300 - None  
300' - 6250 - "GK" Hydril  
6250' - TD - "GK" Hydril  
Cameron "SS" 5000 psi WP  
Cameron "QRC" 5000 psi WP

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 - 10,000' - Clear water  
Circulate reserve pit  
Flocculate as necessary

10,000' - 13,300' - Weighted gel chemical

January 12, 1973

Shell Oil Company  
1700 Broadway  
Denver, Colorado

Re: Well No. Shell et al Ellsworth  
#1-16B4  
Sec. 16, T. 2 S, R. 4 W, USM  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-3/139-4, dated June 24, 1971.

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

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

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

The API number assigned to this well is 43-013-30192.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:d

NOV 19 1973

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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 (Rocky Mtn Div. Production)  
Gulf Oil Corporation

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 1801' FNL and 1101' FEL Sec 16  
 At top prod. interval reported below  
 At total depth

14. PERMIT NO. 43-013-30192 DATE ISSUED 1-12-73

5. LEASE DESIGNATION AND SERIAL NO. Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Ellsworth

9. WELL NO. 1-16B4

10. FIELD AND POOL, OR WILDCAT Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SE/4 NE/4 Section 16-T 2S-R 4W

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 1-18-73 16. DATE T.D. REACHED 3-21-73 17. DATE COMPL. (Ready to prod.) 7-8-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6320 GL, 6342 KB 19. ELEV. CASINGHEAD 21'

20. TOTAL DEPTH, MD & TVD 13,330 21. PLUG, BACK T.D., MD & TVD 13,315 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Wasatch and Flagstaff perms 10,801-13,296 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Densilog-Neutron, DIL, BHC Acoustilog, CNL-FDC/GR, GBL, VDL & 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#	320'	17 1/2"	353 CF	0
9 5/8"	40#	6,174'	12 1/4"	1100 CF	0
7"	26 & 29#	11,084'	8 3/4"	455 CF	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	10,856	13,329	300				

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
As per attachments	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-8-73	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-22-73	24	8/64"	→	345	759	1	2200

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2450	0	→	345	759	1	44°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel on lse, sold to Mtn Fuel, and some flared TEST WITNESSED BY

35. LIST OF ATTACHMENTS Well Log and History, Csg and Cmtg Details

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 For: K. R. Jordan  
 SIGNED *[Signature]* TITLE Division Operations Engr. DATE Nov. 12, 1973



Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. MOCR. Spaced out tbg and circ trtd wtr in annulus. Sptd 2% salt wtr in tbg. Landed tbg in neutral. Press tested tbg to 7500 psi for 1 hr. Lost 150 psi. Installed BPV, remove BOP, installed 10,000# tree, removed BPV and installed tbg plug. Tested tree to 10,500#, OK. Released rig @ 4 PM, 4/11/73. APR 12 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Prep to perf. Finished MOCR.  
APR 13 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315.  
4/14: Prep to AT. MI&RU OWP to perf from top down unidirectionally w/2" magnetic decentralized steel tube carrier gun w/JRC charges. Started in hole w/gun - hit obstruction in tbg @ 8817. Unable to get through after several attempts. Pulled perf gun. MI&RU Archer Reed and ran 3-prong grapple to 10,700', hanging up. Ran mule tail to two-loop scratcher to 10,700' - unable to locate anything. Ran 2-1/8" gauge ring to 13,306. RU OWP to perf. Run #1: 10,801, 10,823, 10,832, 10,848, 10,867, 10,872, 10,876, 10,887, 10,917, 10,965, 10,971, 10,980, 10,992, 11,104, 11,154, 11,165, 11,182, 11,202, 11,232, 11,240, 11,275, 11,301, 11,390, 11,414, 11,427, 11,502, 11,543, 11,561, 11,571, 11,593, 11,599, 11,671. Press from 200 to 325 psi. Lost 1" x 3/8" magnet cent. Run #2: 13,296, 11,746, 11,841, 11,882, 11,979, 12,091, 12,103, 12,217, 12,248, 12,270, 12,295, 12,419, 12,489, 12,521, 12,541, 12,552, 12,573, 12,585, 12,597, 12,649, 12,715, 12,747, 12,775, 12,779, 12,831, 12,937, 12,960, 13,023, 13,057, 13,255. Press from 300 to 2000 psi. Hit tight spot @ 10,615 while coming out of hole. This depth is opposite lower Camco KBMG mandrel. Unable to pull through tight spot after several attempts. Lowered perf gun to 11,500' and flowed well to pit for 3 min, vigorously rocking chk. Pulled through tight spot after several add'l attempts - had sli restriction. Note: Will run GR after AT to see if magnet centralizer washed down hole. APR 15 1973

(Continued)

OIL WELL  
SHELL OIL COMPANY-GULF-

ALTAMONT

FROM: 1-19 - 7-23-73

LEASE	ELLSWORTH	WELL NO.	1-16B4
DIVISION	ROCKY MOUNTAIN	ELEV	6342 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test

"FR" 282/70/1/282.- Drilling 17½" hole.  
Located 1801' FNL and 1101' FEL, Section 16-T2S-R4W,  
Duchesne County, Utah.  
Elev: 6329 GL (ungraded)  
Shell Working Interest - 87.5%  
This is a routine Wasatch development test.  
Dev: 1/4° @ 135'. Spudded well @ 9:00 AM, 1/18/73.  
Mud: 9 x 50

JAN 19 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

1/20: 320/70/2/38. Flanging up. Dev: 0° @ 320'.  
Ran 320' of 13-3/8" 68# ST&C K-55 csg w/shoe @ 320' and  
float @ 273'. Cmtd w/353 cu ft Class "G" w/2% CaCl<sub>2</sub>  
(slurry 15.9 ppg). Bumped plug w/400 psi. CIP @ 2 PM,  
1/19.

1/21: 410/70/3/90. Drilling. Nippled up weld plate  
in cellar and DO cmt. Press tested csg to 500 psi.

1/22: 1260/70/4/850. Drilling. Dev: 1/4° @ 600  
and 1/2° @ 1150. Tripped for new bit @ 1154. CO fill  
and reamed to btm. JAN 22 1973

Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

2264/70/5/1004. Drilling. Dev: 1° @ 1653' and 0° @  
2088'. Tripped for bit @ 2108. JAN 23 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

3060/70/6/796. Drilling. Dev: 0° @ 2800'. Tripped  
for bit @ 2806'. JAN 24 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

3610/70/7/550. Drilling. Dev: 0° @ 3418'.  
Mud: Wtr JAN 25 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

4106/70/8/496. Drilling. JAN 26 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

1/27: 4560/70/9/454. Drilling. Dev: 0° @ 4106'.

Mud: Wtr

1/28: 4868/70/10/308. Tripping. Dev: 0° @ 4868'.

Mud: Wtr

1/29: 5416/70/11/548. Drilling. Tripped in w/new  
bit, washing to btm. JAN 29 1973

Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

5974/70/12/558. Drilling. JAN 30 1973

Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

6260/70/13/286. Circ. Washed to btm, circ and  
swept hole, short tripped and CO 70' of fill.

Mud: Wtr JAN 31 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
13-3/8" csg @ 320'

6350/70/14/90. Prep to cmt csg. Circ 4 hrs and tripped  
out of hole. RU and ran 144 jts (6178') of 9-5/8" K-55,  
ST&C, 40# csg w/shoe @ 6174 and FC @ 6090. FEB 1 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

6350/70/15/0. Nippling up. B-J cmtd 9-5/8" csg w/  
900 cu ft B-J Lightwt cmt w/10% gel followed by 200  
cu ft Class "G" w/0.1% R-5. Displaced w/465 bbls wtr.  
Bumped plug, float held. CIP @ 8 AM, 2/1/73. WOC,  
cut off csg, installed head and started nipling up.  
Dev: 1/2° @ 6350'. FEB 2 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

2/3: 6350/70/16/0. Picking up DC's. Nippled up,  
tested and repaired BOP stack. Laid down 8" DC's and  
picked up 6-3/4" DC's.

2/4: 6350/70/17/0. DO cmt. Measured in hole and  
tested csg; repaired leaks. Top of cmt @ 5747.  
Drld cmt, plug and FC @ 6041 (corrected). Tested csg  
to 2000 psi, OK. Cmtd 13-3/8" x 9-5/8" annulus w/300  
cu ft Class "G" (slurry 15.9 ppg) treated w/3% CaCl<sub>2</sub>.  
Max press 350 psi.

2/5: 6403/70/18/53. Stuck @ 6335. CO fill and cmt.  
Mixed pill, flushed hole while CO from 6323-6350.  
Pipe stuck @ 5 AM while CO bridge w/full circ and  
rotating.

Mud: Wtr

FEB 5 1973

Shell-Chevron-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

6667/70/19/274. Drilling. Worked stuck pipe. Ran  
backoff shot and backed off. Measured pipe, making  
depth correction. Correction to 2/4 report: Top of  
cmt 6020 instead of 5747. FEB 6 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

7280/70/20/613. Drilling. Dev: 1° @ 6922'. Reamed  
to btm. FEB 7 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

7680/70/21/400. Drilling. FEB 8 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

8126/70/22/446. Drilling. Mixed and pumped pills.  
Dev: 0° 30' @ 7950'. FEB 9 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

2/10: 8489/70/23/363. Tripping for new bit. Dev:  
0° 30' @ 8480'.  
Mud: Wtr  
2/11: 8853/70/24/364. Drilling. Tripped in w/new  
bit, reamed and CO fill.  
Mud: Wtr  
2/12: 9135/70/25/282. Drilling. Started losing wtr  
@ 9135. FEB 12 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

9683/70/26/548. Drilling. FEB 13 1973  
Mud: Wtr

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

10,035/70/27/352. Tripping out of hole. FEB 14 1973  
Mud: (gradient .484) 9.3 x 37 x 14.0 (4#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

10,217/70/28/182. Drilling. Changed bit @ 10,035.  
Mud: (gradient .504) 9.7 x 38 x 12 (5#/bbl LCM) FEB 15 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

10,443/70/29/226. Drilling. Background gas: 7 units.  
Mud: (gradient .535) 10.3 x 40 x 10 (4#/bbl LCM) FEB 16 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

2/17: 10,560/70/30/117. Drilling. Dev: 2 $\frac{1}{2}$ ° @ 10,493.  
Background gas: 7 units.  
Mud: (gradient .556) 10.7 x 30 x 9 (4#/bbl LCM)  
2/18: 10,766/70/31/206. Drilling. Background gas:  
15 units. Connection gas: 300 units.  
Mud: (gradient .572) 11.0 x 40 x 7 (4.3#/bbl LCM) FEB 19 1973  
2/19: 10,860/70/32/94. Tripping in w/new bit.  
Background gas: 20 units. Connection gas: 100 units.  
Mud: (gradient .592) 11.4 x 42 x 7 (5#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

10,942/70/33/82. Drilling. Finished tripping in w/new  
bit, washing 60' to btm. Background gas: 18 units.  
Trip gas: 160 units.  
Mud: (gradient .603) 11.6 x 47 x 7 (5#/bbl LCM) FEB 20 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

11,055/70/34/113. Drilling. Background gas: 15 units.  
Mud: (gradient .603) 11.6 x 50 x 7.0 (5.5#/bbl LCM)  
FEB 21 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

11,085/70/35/30. Logging. Dev: 1/2° @ 11,085. Ran  
Acoustilog - tool failed. Background gas: 15 units.  
Trip gas: 30 units.  
Mud: (gradient .603) 11.6 x 50 x 7.0 (5#/bbl LCM) FEB 22 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
9-5/8" csg @ 6174'

11,085/70/36/0. Logging. Ran Densilog-Neutron from  
11,085-9000, DIL from 11,085-6175 and reran Acoustilog  
from 11,085-10,600. Started RD Dresser-Atlas. FEB 23 1973  
Mud: (gradient .603) 11.6 x 50 x 7.0 (5#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

2/24: 11,085/70/37/0. Running 7" csg. Pulled wear  
bushing. Background gas: 10 units. Trip gas: 170  
units.  
Mud: (gradient .603) 11.6 x 50 x 7.2 (5.0#/bbl LCM)  
2/25: 11,085/70/38/0. Nippling up. Ran 266 jts 7"  
26# and 29# S-95 LT&C and ST&C 3rd csg w/shoe @ 11,084  
and collar @ 10,992. Circ 1 hr and cmtd w/275 cu ft  
B-J lightwt w/0.5% D-31 and 180 cu ft Class "G" w/1%  
D-31 and 0.1% R-5 (slurries 12.4 and 15.9 ppg). Had  
full returns and reciprocation throughout job. Plug  
down @ 4 PM, 2/23.  
2/26: 11,085/70/39/0. Reverse circ to unplug bit.  
Nippled up, changed rams and tested EOP stack to 3500  
psi, OK and tested 7" csg to 3500 psi, OK. FEB 26 1973  
Mud: (gradient .603) 11.1 x 44 x 6.0 (5#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,120/70/40/35. Drilling. FC @ 10,992. Background  
gas: 6 units. FEB 27 1973  
Mud: (gradient .608) 11.7 x 46 x 6.0 (4.9#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,220/70/41/100. Drilling. Background gas: 10 units.  
Mud: (gradient .629) 12+ x 45 x 5 (4.5#/bbl LCM) FEB 23 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,255/70/42/35. Drilling. Background gas: 10 units.  
Trip gas: 240 units. Changed bit @ 11,250. MAR 1 1973  
Mud: (gradient .634) 12.2 x 48 x 5 (4.2#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,355/70/43/100. Drilling. No mud loss. Background  
gas: 10 units. Connection gas: 60 units. MAR 2 1973  
Mud: (gradient .644) 12.4 x 47 x 5 (4.3#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

3/3: 11,435/70/44/80. Drilling. Background gas: 10-15 units. Connection gas: 40 units. MAR 5 1973  
Mud: (gradient .660) 12.7 x 48 x 5 (4.5#/bbl LCM)  
3/4: 11,493/70/45/58. Drilling. Changed bit @ 11,435. Lost 30 bbls mud while drlg @ 11,475. Background gas: 10 units. Trip gas: 40 units.  
Mud: (gradient .665) 12.8 x 50 x 4.6 (5#/bbl LCM)  
3/5: 11,624/70/46/131. Drilling. Background gas: 20 units. Connection gas: 600 units.  
Mud: (gradient .676) 13.0 x 50 x 4.5 (5.1#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,730/70/47/106. Drilling. Background gas: 20 units. MAR 6 1973  
Connection gas: 300 units.  
Mud: (gradient .691) 13.3 x 49 x 4.6 (6#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,817/70/48/87. Tripping for new bit. Background gas: 15 units. Connection gas: 20-50 units. MAR 7 1973  
Mud: (gradient .707) 13.6 x 47 x 4.0 (5.3#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,889/70/49/72. Lost circ. Had 3' drlg break from 11,886-11,889 and lost circ. Lost 135 bbls mud. Trip gas: 60 units. Connection gas: 20 units. MAR 8 1973  
Mud: (gradient .722) 13.8 x 48 x 4 (6#/bbl LCM)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

11,889/70/50/0. Tripping for new bit. Regained circ and circ GCM. Mixed two 75-bbl pills w/25% LCM, 50:50 fine-med walnut hulls and sptd on btm. Cut mud wt to 13.5 ppg. Sptd 3rd pill and regained returns. Circ btms up w/mud cutting to 8.8 ppg. Circ 45 min through chk and circ btms up w/mud cutting to 11.3 ppg. Circ 30 min through chk. Raised mud wt to 13.7 ppg. Circ btms up w/mud cutting to 11.9 ppg. Raised mud wt to 13.8 and circ until mud wt 13.8 in and 13.6 out w/200 units background gas. Sptd 75-bbl LCM pill on btm. Lost 800 bbls mud. MAR 9 1973  
Mud: (gradient .717) 13.8 x 46 x 4.0 (7.3#/bbl LCM)  
(2% oil)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg at 11,084'

3/10: 11,958/70/51/69 Drilling. Trip gas -  
840 units, connection 200 units, background gas -  
100 units. Lost 25 bbls mud.

Mud: (gradient .717) 13.8 x 45 x 4.0 (LCM 15%)  
(Oil 2%)

3/11: 12,058/70/52/100 Drilling. Background gas -  
50 units, connection - 80 units, high gas 2000 units,  
drlg break at 12,038-42. No mud loss.

Mud: (gradient .728) 14 x 52 x 4 (LCM 14.55%) (Oil  
1%)

3/12: 12,140/70/53/82 Drilling. Background gas -  
90 units, connection 100 units, high gas 1200 units.  
No mud loss.

Mud: (gradient .743) 14.3 x 48 x 4 (LCM 11.85%)  
(Oil 1%)

MAR 12 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

12,211/70/54/71. Drilling. Tripped for new bit @ 12,146.

Background gas: 40 units. Connection gas: 150 units.

Trip gas: 1200 units.

MAR 13 1973

Mud: (gradient .748) 14.4 x 48 x 4.0 (10.55#/bbl LCM)  
(1% oil)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

12,395/70/55/184. Drilling. Background gas: 70 units.

Connection gas: 150 units. Max gas: 1050 units.

Mud: (gradient .780) 15 x 49 x 4 (7.2#/bbl LCM) (1% oil)

MAR 14 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

12,549/70/56/154. Drilling. No mud loss. Repaired

recorder. Downtime gas (30 min): 1120 units. Max

fm gas: 700 units. Max connection gas: 1000 units.

Background gas: 150 units.

Mud: (gradient .780) 15 x 49 x 3.3 (7#/bbl LCM)

MAR 15 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

12,683/70/57/134. Drilling. Background gas: 100 units.

Connection gas: 280-300 units. Max fm gas: 600 units.

Mud: (gradient .780) 15.0 x 50 x 4 (6.8#/bbl LCM)

(1% oil) MAR 16 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

3/17: 12,820/70/58/137. Drilling. Background gas: 40 units. Downtime and connection gas: 840 units. Max fm gas: 360 units.

Mud: (gradient .785) 15.1 x 50 x 3.9 (5.7#/bbl LCM)  
(1% oil)

3/18: 12,924/70/59/104. Drilling. Short tripped to pack swivel. Background gas: 60 units. Connection gas: 380 units. Max fm gas: 650 units. Short trip gas: 1530 units.

Mud: (gradient .785) 15.1 x 50 x 3.8 (6#/bbl LCM)  
(1% oil)

3/19: 13,018/70/60/94. Drilling. Short tripped to 7" shoe. Changed out swivel. Lost 50 bbls mud past 74 hrs. Background gas: 20 units. Connection gas: 80-100 units. Max fm gas while drlg: 120 units. Short trip gas: 920 units.

Mud: (gradient .785) 15.1 x 50 x 3.9 (6.5#/bbl LCM)  
(1% oil)

MAR 19 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

13,130/70/61/112. Drilling. Repacked swivel. Background gas: 20 units. Connection gas: 80 units. Max gas 400 units - downtime on swivel.

Mud: (gradient .785) 15.1 x 50 x 3.8 (5.3#/bbl LCM)  
(1% oil) MAR 20 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,300' Wasatch Test  
7" csg @ 11,084'

13,254/70/62/124. Drilling. Background gas: 20 units. Connection gas: 60 units. Max gas: 60 units. MAR 21 1973

Mud: (gradient .780)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
7" csg @ 11,084'

13,330/70/63/76. Circ to log. Short tripped to show. Circ 4 hrs. Mixed and pmpd pill. Background gas: 20 units. Connection gas: 280 units. Short trip gas: 1300 units.

Mud: (gradient .782) 15.0 x 50 x 3.5 (3.5#/bbl LCM)  
(1% oil)

MAR 22 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
7" csg @ 11,084'

13,330/70/64/0. Logging. Measured out of hole - no correction. RU Dresser Atlas and ran BHC acoustilog from 13,330-11,084. Ran Densilog Neutron - tool quit. Ran DIL - tool quit. MAR 23 1973

Mud: (gradient .782) 15.0 x 50 x 3.5 (3.5#/bbl LCM)  
(1% oil)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
5" liner @ 13,329'

3/24: 13,330/70/65/0. Circ and cond hole to log. Ran  
Densilog and DIL. RD Dresser-Atlas and RU Schl. Ran  
CNL-FDC-GR - tool stuck @ 11,460. Worked tool loose  
and went in hole w/bit to CO. Background gas: 20 units.  
Trip gas: 1200 units.  
Mud: (gradient .785) 15.1 x 68 x 3.6 (3#/bbl LCM) (1% oil)  
3/25: 13,330/70/66/0. Running liner. Circ 2½ hrs.  
Schl ran DIL and CNL-FDC-GR from 13,330-11,084. RD Schl.  
RU and ran 57 jts 5", 18#, N-80, SFJ-P liner w/Hal float  
eqmt and 20 B&W centralizers.  
Mud: (gradient .785) 15.1 x 68 x 3.6 MAR 26 1973  
3/26: 13,330/70/67/0. DO cmt. Finished tripping in  
w/5" liner. Cmtd w/300 sx Class "G" w/1% gel, 1.25%  
D-31 and .5% R-5. Plug down @ 11:30 AM, 3/25. Good  
returns. Ran in hole and tagged cmt @ 10,168. DO cmt  
to 10,353.  
Mud: (gradient .780) 15.0 x 60 x 3.7 (4#/bbl LCM) (1% oil)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
5" liner @ 13,329'

13,330/70/68/0. Drilling cmt @ 10,840. Top of liner  
@ 10,856, collar @ 13,236 and shoe @ 13,329.  
Mud: (gradient .774) 14.9 x 58 x 3.6 (3.5#/bbl LCM)  
(1% oil) MAR 27 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
5" liner @ 13,329'

13,330/70/69/0. PB 13,315. Circ to CO 5" liner.  
DO top of liner @ 10,856, FC @ 13,236 and CO to  
13,315. Tested liner w/1600 psi, OK. MAR 28 1973  
Mud: (gradient .780) 15.0 x 57 x 3.7 (2#/bbl LCM)  
(1% oil)

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
5" liner @ 13,329'

13,330/70/70/0. PB 13,315. Tripping in hole. Set  
RTTS tool @ 10,826. Displaced DP w/wtr and made  
inflow test for 30 min, held OK. Set tool @ 9100 and  
tested 7" csg to 2200 psi. Set tool @ 7250 and tested  
csg to 2850 psi. Set tool @ 5425 and tested csg to  
3500 psi. Set tool @ 3600 and tested csg to 4100 psi.  
Set tool @ 1775 and tested csg to 4750 psi. All tests  
OK. MAR 29 1973  
Mud: 15.0 x 55

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
5" liner @ 13,329'

13,330/70/71/0. PB 13,315. Flanging up. Laid down  
DP and DC's. Stripped BOPE from cellar. MAR 30 1973  
Mud: 15 x 55

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Brinkerhoff #57  
13,330' Wasatch Test  
5" liner @ 13,329'

3/31: TD 13,330. PB 13,315. RDRT. Cleaned mud pits.  
Released rig @ 12 noon, 3/30/73. (RDUFA) APR 2 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Western Oilwell  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. (RRD 4/2/73)  
4/7: Picking up tbg. MI&RU Western Oilwell Service on  
4/6/73. Removed tree, installed BOP and tested to 5000  
psi, OK.  
4/8: Picking up tbg, breaking circ in gelled mud.  
Picked up 4-1/8" bit, 2476' of 2-7/8" tbg work string,  
7" Baker scraper and new tbg. With bit @ 12,100, stopped  
due to hvy mud. Ran to 13,174, breaking circ every 3 jts.  
4/9: Pulling tbg. Washed hvy mud and gel from  
13,174-13,315. Circ out mud w/FW. Pmpd 200 gal  
B-J mud sweep ahead of wtr. SI and observed for  
flowback. Press tested to 5000 psi, OK. Pmpd 40  
bbls 10% acetic acid on btm. APR 9 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Western Oilwell  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Prep to run 5 1/2" heat string.  
Pulled tbg, laying down 2451' of work string. MI&RU  
OWP. Ran CBL and VDL-PDC logs from 13,306-8800'.  
Held 3000 psi on csg while running CBL and VDL logs.  
Set Baker Model "D" pkr w/flapper but w/o jk basket @  
10,730'. APR 10 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D) Western Oilwell  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Prep to displace wtr in  
annulus w/inhib wtr. Ran 72 jts 5 1/2", 14#, K-55 csg  
w/Type I special clearance cplgs to 3005'. Installed  
BPV on 5 1/2" csg hanger. Removed BOP stack and installed  
6" 5000 x 10" 5000 psi tbg spool. Installed and tested  
BOPE. Ran prod eqmt as follows: Baker Model "C"  
expendable plug holder w/o plug; 10' x 2-7/8" N-80, 10rd  
nonperf'd prod tube w/tail @ 10,744'; Baker anchor tbg  
seal assembly w/2 seal units; Baker Model "EL" on-off  
connector w/Otis 2.313" "N" nipple w/2.255" no-go w/top  
@ 10,724; 6' x 2-7/8" N-80 EUE tbg sub w/top @ 10,718';  
3 jts 2-7/8" EUE N-80 tbg w/top @ 10,624'; Camco mandrel  
#HO-8 w/dummy in place w/top @ 10,618'; 163 jts 2-7/8"  
EUE N-80 tbg w/top @ 5526'; Camco mandrel #HO-5 w/dummy  
w/top @ 5520'; 176 jts 2-7/8" EUE N-80 tbg; 1 each 10',  
6' and 4' x 2-7/8" EUE tbg sub; 1 jt 2-7/8" EUE N-80 tbg.  
(total of 343 jts tbg and 4 subs - one 10', two 6' and  
one 4'). APR 11 1973

(Continued)

4/15: Prep to flow to pit to clean up. RU B-J and AT gross perfs 10,801-13,296 w/40,000 gal 15% HCl w/each 1000 gal containing 3 gal G-10, 3 gal C-15, 10 gal J-7, 3 gal J-22 and 0.75# radioactive trtd Iridium 192 sd. Flushed w/4800 gal FW w/each 1000 gal containing 165# NaCl and 3 gal J-7. All fluid heated to 80°F. Pmpd 52 bbls, dropped one 7/8" ball sealer w/1.24 sp gr, pmpd 15 bbls and dropped one ball. Repeated 15 bbls and one ball 59 times. Pmpd total of 900 bbls acid and 59 ball sealers. Max press 7400 psi, avg 6000 psi, min 4200 psi. Max rate: 7.5 B/M, avg 7 B/M, min 7 B/M. ISIP 5000 psi, decr to 3800 psi in 5 min to 3600 psi in 10 min to 3500 psi in 20 min. Good ball action w/press breaks of 50 to 300 psi. RD B-J. RU OWP and ran GR log from 13,315-10,600. Log indicated 57 holes taking fluid.

4/16: SI for BHP. Flowed to pit 6 hrs on 64/64" chk w/1000 psi TP, flowing est 1050 BO and 300 BW (GOR 1000). Last hr flowed est 205 BO and 20 BW w/GOR of 1000. Press's and chks as follows:

Choke	Press	Choke	Press
64/64"	1000	24/64"	2000
54/64"	1000	14/64"	2900
44/64"	1100	4/64"	3700
34/64"	1450	SITP	4000

Pmpd 5 bbls diesel down tbg. Ran tandem bombs w/10,000# element and 72-hr clock to 12,000'. SI well @ 2:10 PM w/bombs on btm @ 3:45 PM - TP 4200 psi. Will pull bombs 4/18/73.

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. SI for BHP. APR 17 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. SI for BHP. APR 18 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. SI, WO facilities. Pulled BHP bomb, making gradient stops @ 12,200 and 11,800. Press after bomb on btm 1½ hrs - 7370 psi; after 57 hrs and 50 min - 7481; after 67 hrs and 50 min - 7472. TP 4254 psi when bomb pulled. (RDUFA) APR 19 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. (RRD 4/19/73) Flowing. On  
21-hr test, flwd 325 BO, no wtr and 865 MCF gas on 10/64"  
chk w/3500 psi FTP and zero CP. JUL 9 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
619 BO, no wtr and 1081 MCF gas on 10/64" chk w/3500  
psi FTP and zero CP. JUL 10 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
649 BO, no wtr and 1081 MCF gas on 10/64" chk w/3400  
psi FTP and zero CP. JUL 11 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
629 BO, 3 BW and 1081 MCF gas on 10/64" chk w/3300 psi  
FTP and zero CP. JUL 12 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
753 BO, 4 BW and 1198 MCF gas on 10-15/64" chk w/3300  
psi FTP and zero CP. JUL 13 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On various tests,  
flwd as follows:  
Report JUL 16 1973

Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
7/14	24	1339	10	1819	15/64"	3300	0
7/15	24	469	4	1819	11/64"	3400	0
7/16	12	434	5	898	15/64"	3400	0

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
KB 6342'  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
1044 BO, 12 BW and 1577 MCF gas on 15/64" chk w/3400  
psi FTP and zero CP. JUL 17 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
KB 6342'  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
633 BO, 11 BW and 1538 MCF gas on 8/64" chk w/N.G. on  
FTP and zero CP.

JUL 18 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
KB 6342'  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
.248 BO, no wtr and 721 MCF gas on 8/64" chk w/3400 psi  
FTP and zero CP.

JUL 19 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
KB 6342'  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr test, flwd  
588 BO, 9 BW and 738 MCF gas on 12/64" chk w/2900 psi  
FTP and zero CP.

JUL 20 1973

Shell-Gulf-  
Ellsworth 1-16B4  
(D)  
13,330' Wasatch Test  
KB 6342'  
5" liner @ 13,329'

TD 13,330. PB 13,315. Flowing. On 24-hr tests,  
flwd as follows:  
Report

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/21	475	10	591	8/64"	3000	0
7/22	301	1	648	8/64"	3000	0

7/23: OIL WELL COMPLETE. On 24-hr test 7/22, flwd  
345 BO, 1 BW and 759 MCF gas on 8/64" chk w/2450 psi  
FTP and zero CP from Wasatch and Flagstaff perms  
10,801, 10,823, 10,832, 10,848, 10,867, 10,872,  
10,876, 10,887, 10,917, 10,965, 10,971, 10,980,  
10,992, 11,104, 11,154, 11,165, 11,182, 11,202,  
11,232, 11,240, 11,275, 11,301, 11,390, 11,414,  
11,427, 11,502, 11,543, 11,561, 11,571, 11,593,  
11,599, 11,671, 11,746, 11,841, 11,882, 11,979,  
12,091, 12,103, 12,217, 12,248, 12,270, 12,295,  
12,419, 12,489, 12,521, 12,541, 12,552, 12,573,  
12,585, 12,597, 12,649, 12,715, 12,747, 12,775,  
12,779, 12,831, 12,937, 12,960, 13,023, 13,057,  
13,255, 13,296.

Oil Gravity: 44° API @ 60°F.

Compl Test Date: 7/22/73. Initial Prod Date: 7/8/73.

Elev: 6320 GL, 6342 KB.

Log Tops: TGR<sub>3</sub> 9,260 (-2918)  
UPPER WASATCH TRANSITION 10,780 (-4438)  
FLAGSTAFF 11,982 (-5640)

This well was drilled for routine development. JUL 23 1973  
FINAL REPORT.

CASING AND CEMENTING

Field Altamont Well Ellsworth 1-16B4

Job: 13 3/8 " O.D. Casing/Liner. Ran to 320 feet (KB) on 1-19, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					26'	KB	CHF
7	68#	K-55	8rd	X	320	CHF	320

7 jts Total

Casing Hardware:  
 Float shoe and collar type Guide shoe at 320, float at 273  
 Centralizer type and product number Halliburton S-3  
 Centralizers installed on the following joints 12' up from guide shoe, on collar for 2 jts  
 Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume: 50% over calculated 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 \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.  
 Second stage, type and additives \_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.

Cementing Procedure:  
 Rotate/reciprocate \_\_\_\_\_  
 Displacement rate 6 B/M  
 Percent returns during job Full  
 Bumped plug at 2 AM/PM with 500 psi. Bled back \_\_\_\_\_ bbls. Hung csg  
 with \_\_\_\_\_ lbs on slips. Held 1 hr.

Remarks:  
Cemented w/353 cu ft Class "G" treated w/2% CaCl<sub>2</sub>. Displaced w/water  
to baffle at 273. Bumped plug w/500 psi. CIP 2 PM 1-19-73. Cmt  
slurry - 15.9#.

Drilling Foreman D. W. Enterline  
 Date 1-19-73

CASING AND CEMENTING

Field Altamont Well Ellsworth 1-16B4  
Job: 9 5/8" O.D. Casing/Liner. Ran to 6174 feet (KB) on 2-1, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
<u>144</u>	<u>40#</u>	<u>K-55</u>	<u>ST&amp;C</u>	<u>X</u>	<u>6178</u>	<u>CHF</u>	<u>6174</u>

144 jts Total

Casing Hardware:

Float shoe and collar type Shoe at 6174, float collar at 6090  
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 \_\_\_\_\_ bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
First stage, type and additives 900 cu ft BJ litewt cmt, 10% gel  
\_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.  
Second stage, type and additives 200 cu ft Class "G", .1% R-5  
\_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F.

Cementing Procedure:

Rotate/reciprocate \_\_\_\_\_  
Displacement rate \_\_\_\_\_  
Percent returns during job \_\_\_\_\_  
Bumped plug at \_\_\_\_\_ AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg  
with \_\_\_\_\_ lbs on slips.

Remarks:

Displaced w/465 bbls wtr. Bumped plug, float held. CIP 8 AM 2-1-73.

Drilling Foreman \_\_\_\_\_  
Date \_\_\_\_\_

CASING AND CEMENTING

Field Altamont Well Ellsworth 1-16B4  
 Job: 7 " O.D. Casing/Liner. Ran to 11,084 feet (KB) on 2-23, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF 21.00
						CHF	
1	cut jt	26#	S-95	8rd	X	11.34	20.00 32.34
241		As above			X	9,994.98	32.34 10,027.32
22	29#	S-95	8rd		X	965.15	10,027.32 10,992.47
		Hal collar				1.85	10,992.47 10,994.32
2		As above				87.93	10,994.32 11,082.25
		Shoe				2.41	11,082.25 11,084.66

266 jts Total

Casing Hardware:

Float shoe and collar type Float collar at 10,992, shoe at 11,084  
 Centralizer type and product number 3 Halliburton  
 Centralizers installed on the following joints 1, 2 & 3  
 Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type Sonic. Caliper volume 455 ft<sup>3</sup> + excess over caliper  
 \_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume 17 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 20 bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls  
 First stage, type and additives 275 cu ft BJ litewt w/.5% D-31. Weight 12.4 lbs/gal, yield 3.27  
 ft<sup>3</sup>/sk, volume 84 sx. Pumpability 7 hours at \_\_\_\_\_ °F.  
 Second stage, type and additives 180 cu ft Class "G", 1% D-31, and .1% R-5. Weight 15.9 lbs/gal, yield 1.14  
 ft<sup>3</sup>/sk, volume 158 sx. Pumpability 4 hours at \_\_\_\_\_ °F.

Cementing Procedure:

~~Notes~~/reciprocate Reciprocated  
 Displacement rate 5 B/M  
 Percent returns during job 100%  
 Bumped plug at 4 AM/PM with 2000 psi. Bled back 3 bbls. Hung csg  
 with \_\_\_\_\_ lbs on slips.

Remarks:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Drilling Foreman R. Hunt  
 Date 2-23-73



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.)

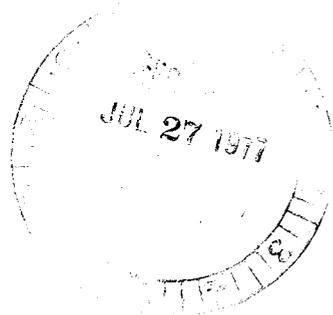
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR Shell Oil Company 3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1801' FNL & 1101' FEL Section 16  14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6342 KB		5. LEASE DESIGNATION AND SERIAL NO. Patented 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME Ellsworth 9. WELL NO. 1-16B4 10. FIELD AND POOL, OR WILDCAT Altamont 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4 NE/4 Section 16-T2S-R4W 12. COUNTY OR PARISH Duchesne 13. STATE Utah
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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) Repair pmp & spt acid <input checked="" type="checkbox"/>	
(Other) Repair pmp & spt acid <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.)\*

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: August 8, 1977  
BY: P. H. Arnold



See attachment

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

SIGNED P. Plautky TITLE Div. Opers. Engr. DATE 7/25/77

(This space for Federal or State office use)

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

cc: USGS w/attachment

## REPAIR PUMP &amp; SPT ACID

ALTAMONT

SHELL-GULF

LEASE ELLSWORTH

WELL NO.

1-16B4

DIVISION

WESTERN

ELEV

6342 KB

FROM: 7/8-25/77

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONT

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

"FR" TD 13,330. PB 13,315. WO provides funds to repair hyd pmp & spt acid. MI&RU CWS #76 7/7. Removed WH equip & installed BOP's. Tried to release from pkr, but couldn't due to paraffin. Tried circ'g csg, but it press'd up. Pmp'd down tbg & it press'd up, but after a couple of hrs, it brk loose. Circ'd 425 BW & cleaned paraffin out of csg. Worked w/pkr & it released. Pulled 50 jts & SD for night.

JUL 08 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. 7/8 Could not pmp down csg because it press'd up. Pmp'd 180 bbls down tbg. Did not get any returns; frm taking fluid & tbg on vac. Pulled 196 jts 2-7/8 & @ approx 3000' from being out of hole, paraffin in csg stopped us. Could not pmp down csg. Hot oiler pmp'd hot wtr down tbg while hold'g press on backside. Pulled tbg, pmp cavity & seal assy. Installed 2-3/8" rams & ran 90 jts 2-3/8 to spt acid. Chng'd rams back to 2-7/8 & ran 1 jt 2-7/8 & SD for night. 7/9 Ran 10,688 ft of tbg & tag'd PB @ 13,315. Pmp'd 20 BW to clean tbg, 4000 gals 15% acid, 24 gals C15, 12 gals J22 & flushed tbg to top of 2-3/8 w/62 BW. Worked tbg in acid 1-1/2 hrs & started out of hole. Pulled 341 jts 2-7/8" tbg & SI well. Pmp'd 125 BW down csg while pulling tbg to displ acid in liner. Tbg on vac while pmp'g acid @ 5-1/2 B/M rate.

JUL 11 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. Pulled 88 jts 2-3/8 tbg used to spt acid, chng'd pipe rams to 2-7/8 & ran 10' prod tube, redressed seal assy, 4' sub w/cent, 1 jt tbg, pmp cavity w/SN @ 10,673 & 342 jts 2-7/8 tbg. Latched into pkr & landed on donut w/12,000# tension. Installed WH equip & connected flwlines.

JUL 12 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. Gauge not available.

JUL 13 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. Gauge not available.

JUL 14 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. On 3-hr test, prod 26 BO, 343 BW, 187 MCF gas w/250 psi.

JUL 15 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. On 24-hr test, prod 54 BO, 874 BW,  
285 MCF gas w/200 psi.

JUL 18 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. On various tests, prod:  

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
7/15	24	78	934	285	250
7/16	24	118	900	270	250
7/17	24	97	990	316	250

JUL 19 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. On 24-hr test, prod 70 BO, 958 BW,  
312 MCF gas w/250 psi.

JUL 20 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. On 24-hr test, prod 111 BO,  
912 BW, 69 MCF gas w/250 psi.

JUL 21 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. On 24-hr test, prod 55 BO, 254 BW,  
308 MCF gas w/200 psi.

JUL 22 1977

Shell-Gulf-  
Ellsworth 1-16B4  
(Repair pmp & spt acid)

TD 13,330. PB 13,315. Before work, well avg'd 0 prod.  
After work, well avg'd 54 BO, 874 BW & 225 MCF gas/day.  
FINAL REPORT

JUL 25 1977

FORM OGC-8-X  
FILE IN QUADRUPLICATE

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 Shell-Gulf-Ellsworth 1-16B4  
Operator Shell Oil Company (Rocky Mountain Division Production)  
Address 1700 Broadway, Denver, Colorado 80202  
Contractor Brinkerhoff Drilling Company  
Address 600 Denver Club Building, Denver, Colorado 80202  
Location SE 1/4, NE 1/4, Sec. 16, T. 2 N., R. 4 E., Duchesne County.  
S W

Water Sands:

	<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
	<u>From -</u>	<u>To -</u>	<u>Flow Rate or Head -</u>	<u>Fresh or Salty -</u>
1.	<u>No sands tested or evaluated and no water flow encountered</u>			
2.	<u>(GR log available from 300-13,330 TD)</u>			
3.	<u></u>			
4.	<u></u>			
5.	<u></u>			

(Continue on Reverse Side if 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, (see back of this form)  
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

<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 AND SERIAL NO. Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Shell Oil Company		8. FARM OR LEASE NAME Ellsworth
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		9. WELL NO. 1-16B4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1801' FNL & 1101' FEL Section 16		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA SE/4 NE/4 Section 16-T2S-R4W
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6342 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:		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 checked="" 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"/>	
(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 attachment

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: July 28, 1978

BY: R. Plautz

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

SIGNED R. Plautz TITLE Div. Opers. Engr. DATE 7/27/78

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attach for info

CO, PERF &amp; ACIDIZE

ALTAMONT

SHELL-GULF

LEASE ELLSWORTH

WELL NO. 1-16B4

DIVISION WESTERN

ELEV 6342 KB

FROM: 6/1 - 7/21/78

COUNTY DUCHESNE

STATE UTAH

UTAHALTAMONT

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, perf & Acdz)

"FR" TD 13,330. PB 13,315. AFE provides funds to CO, perf & acidize. MIRU Western rig #19. Circ hole w/150 bbls prod wtr. Installed 6" BOP. Started pulling tbg, pull hard w/7000' tbg in hole. Tried pmp'g down backside unable to go back down the hole w/tbg. Started tbg 20,000# over weight. SION. JUN 1 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, perf & Acdz)

TD 13,330. PB 13,315. Pmp'd 30 bbls hot diesel down csg @ 1/4 B/M, 2000 psi, tried pmp'g hot wtr down csg @ 1/4 B/M 2000 psi, press went to 3000 psi. Pulled tbg 20,000# overweight. LD pmp cavity. Started in hole w/Bkr pkr plucker, hit solid wax plug @ 1800'±. Circ 190 deg wtr, circ every stand to 4000'± & fell free. Ran to top of Mdl "D" pkr. JUN 2 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, perf & Acdz)

TD 13,330. PB 13,315. 6/2 Picked up power swivel, stung into Mdl "D" pkr @ 10,730. Milled pkr up in 3-1/2 hrs. Picked up tbg & tag'd liner top @ 10,854. LD power swivel. POOH. 6/3 RIH w/4-1/2 OD mill. Tag'd fill @ 13,279. Picked up power swivel & broke rev circ. Milled from 13,279± to 13,390±. Started plug'g off tbg, circ hole clean. LD power swivel, started plug'g off tbg, circ hole tbg. JUN 5 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, perf & Acdz)

TD 13,330. PB 13,315. Rig up OWP. 1st run FL @ 4000'. Perf as per prog from btm up w/3-1/8" csg gun w/13.5 gram charges, 3 shots per ft from 13,297-12,572, (4 runs 180 holes). Zero press 1st run, 200# press on 3rd run 12,775-12,683' & 500# press from 12,668-12,572. JUN 6 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. Made 8 perf runs as per prog. Perf 12,571-11,247 (360 holes), total holes 540. FL varied from 2700' to 3750'. Csg press last run out of hole 200#. Paraffin in csg considerable problem. JUN 7 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. Finish'd perfs as per prog, except for 1' @ 10,854' (exactly in liner lap), total hole 654. Sfc press @ end of perf'g 175#. Bled off csg press & pick'd up 7" Bkr Mdl FHH1 (experimental pkr), & RIH 10' & hit paraffin bridge. POOH & pmp'd 50 bbls 200 deg hot prod wtr down csg. Ran pkr to 4500' & hit paraffin bridge. Pmp'd 100 bbls 200 deg hot prod wtr & well went on vac. Ran pkr to 5700' & hit paraffin bridge, pmp'd 50 bbls 200 deg hot prod wtr, well went on vac. Ran pkr to 6000', hit paraffin bridge, pmp'd 50 bbls 200 deg hot prod wtr down csg. Annulus press up to 2000#. Pull'd pkr up 20' above bridge before pmp'g last time. JUN 8 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. Pkr 1980'. Circ annulus & tbg rev w/hot wtr. Pkr would not go below 6000'. POOH & left 2 slip dogs in hole 2" wide x 4-1/2" long & 7/8" thick, 3/4 of pkr rubber (5-3/4" OD, 3-1/2" ID). LD Bkr Mdl FHH1 & picked up 4-1/8" OD mill, 1 stand tbg & Bkr rota-vert scraper. RIH & tag'd liner top @ 10,856 w/4-1/8" OD mill. Rotated into liner top, ok. Ran 1 stand tbg into liner. Rev circ csg & tbg capacity w/200 deg hot wtr. Recovered paraffin & some oil to pit. Pulled 90 stands tbg out of hole.

JUN 9 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. 6/9 Finished POOH & LD 4-1/8" mill + 7" Bkr scraper. Picked up 7" Bkr full bore. Ran in hole & set pkr @ 10,726 w/15,000 tension. Drop stand'g valve. Press test tbg to 7500#, ok. Pull'd standing valve & removed BOP. Installed 10,000# tree. 6/10 RU BJ & press tested sfc tracting lines to 9000#. Acid treat perfs 10,772-13,297' (716 perfs) w/50,000 gals 7-1/2% HCl as per prog. Max TP 8500, min 4400 & avg 6000#. Max rate 13-1/2 BPM, min 7-1/2 & avg 13. ISI 1700# 5 mins drop'd to 500 & 9 mins on vac. Pmp'd 40 bbls diesel after flush max press 3000 @ 7-1/2 BPM. Drop'd 840 ball sealers + 6000# OS 50-50 Wide Range & Button Unibeads during treatment. Fair to good ball action. RU OWP & ran Gamma Ray log w/FL @ 4000'. Ran log from 13,305 to 10,500'. Log indicates most perfs took treatment w/majority of treatment going in perfs of the upper part of hole.

JUN 12 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. Bled diesel & wtr to pit. Hooked up flwline to wellhead, turned well to battery w/500 psi on tbg on a 30/64" chk. Turned well over to production.

JUN 13 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. Gauge not available.

JUN 14 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 22-hr test prod 593 BO, 331 BW, 821 MCF gas w/450 press.

JUN 15 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 810 BO, 564 BW, 1177 MCF gas w/400 press.

JUN 16 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 461 BO, 406 BW, 606 MCF gas w/300 press.

JUN 19 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 421 BO, 382 BW, 692 MCF gas w/300 press.

JUN 20 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 418 BO, 343 BW, 599 MCF gas w/225 press.

JUN 21 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 374 BO, 304 BW, 599 MCF gas w/225 press.

JUN 22 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 385 BO, 314 BW,  
499 MCF gas w/200 press.  
JUN 23 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 371 BO, 286 BW,  
513 MCF gas w/175 press.  
JUN 26 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On various tests prod:

Date	Hrs	BO	BW	MCF gas	Press
6/22	24	289	202	513	200
6/23	24	310	257	417	100
6/24	24	254	179	356	100
6/25	24	185	124	260	75

JUN 27 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 187 BO,  
124 BW, 258 MCF gas w/60 press.  
JUN 28 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 188 BO, 100 BW,  
269 MCF gas w/50 press.  
JUN 29 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 202 BO, 79 BW,  
263 MCF gas w/50 press.  
JUN 30 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 3-hr test prod 0 BO, 1 BW,  
29 MCF gas w/50 press.  
JUL 03 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test prod 160 BO, 80 BW,  
249 MCF gas w/300 press.  
JUL 5 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. 7/5 CP 1500# & TP 300#. MI&RU.  
Bled csg & tbq down thru treater & pmp'd 100 bbls prod  
wtr down csg & tbq. Installed BPV, BOP & removed tree.  
JUL 6 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

JUL 7 1978

TD 13,300. PB 13,315. TP & CP 600#. Bled down to  
pit. Pmp'd 100 bbls hot prod wtr down csg & tbq.  
Released full bore pkr. POOH 342 jts, +45 SN & pkr.  
Made up 7" 26-29# loc-set pkr & RIH w/2-7/8" prod  
string & mandrels as per gas lift design. Set pkr @  
10,730 w/5000# tension. Installed BPV & pulled BOP.  
Installed 5000# tree & tested to 5000#, ok. Pulled  
BPV & SION

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. No report.  
JUL 10 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. No report.  
JUL 11 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. Prod's

JUL 12 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. On 24-hr test, gas lifted 277 BO,  
461 BW, 173 MCF gas w/1268 psi inj press.

JUL 13 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. On 24-hr test, gas lifted 294 BO,  
458 BW, 243 MCF gas w/1300 psi inj press.

JUL 14 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. On 24-hr test, gas lifted 309 BO,  
458 BW, 243 MCF gas w/1300 psi inj press.

JUL 17 1978

Shell-Gulf-  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. On 24-hr test, gas lifted 329 BO,  
476 BW, 304 MCF gas w/1300 psi inj press.

JUL 18 1978

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,300. PB 13,315. On various tests gas lifted:

<u>Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF gas</u>	<u>Inj Press</u>	
7/15	24	312	475	291	1300	
7/16	24	328	491	304	1300	JUL 19 1978
7/17	24	306	474	329	1300	

Shell-Gulf  
Ellsworth 1-16B4  
(CO, Perf & Acdz)

TD 13,330. PB 13,315. On 24-hr test, gas lifted 305 BO,  
452 BW, 234 MCF gas w/1300 psi inj press.

JUL 20 1978

Shell-Gulf  
Ellsworth 1-16B4  
(Co, Perf & Acdz)

TD 13,330. PB 13,315. Prior to work well avg 87 BO, 377  
BW & 223 MCF gas. After work well has avg for the last 10  
days 306 BO, 469 BW & 243 MCF gas.

FINAL REPORT

JUL 21 1978

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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME CA 96-59
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, Tx 77001 ATTN: P.G. GEWING RM. # 6459 WCK		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 1801' FNL + 1101' FEL SEC. 16		8. FARM OR LEASE NAME ELLSWORTH
14. PERMIT NO.		9. WELL NO. 1-1684
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6342' KB		10. FIELD AND POOL, OR WILDCAT ALTAMONT
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SE 1/4 NE 1/4 T2S R4W
		12. COUNTY OR PARISH DUCHESSNE
		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 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"/>	

(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

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

DATE: 9/28/82  
BY: [Signature]

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

SIGNED [Signature] TITLE DIVISION PROD. ENGINEER DATE 9/15/82  
W. F. N. KELLDORF

(This space for Federal or State office use)

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



- e. Flush with 115 bbls of clean produced water containing five gallons/100 bbl Tretolite Xcide 102 Biocide.

- Notes:
- (1) All acid and flush to contain five lb. J-120/1000 gallons HCl or equivalent for  $\pm 60\%$  friction reduction and 1.0# 20-30 mesh RA sand per 1000 gallons (no RA sand in flush).
  - (2) All acid to contain three gallons C-15/1000 gallons HCl for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids) and one gallons Nalco Visco 4987/1000 gallons HCl.
  - (3) Maintain 2500 psi surface casing pressure during treatment if possible.
  - (4) Pumping rates: Pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
  - (5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
  - (6) Record ISIP and shut-in pressure decline for at least 20 minutes.

- 6. Run RA log from PBD to 10,570'±.
- 7. a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 8.
- b. If well does not flow, continue with Step 8.
- 8. POOH with tubing and packer.
- 9. RIH with tubing, GL equipment and 7" packer. Set packer at 10,730'±. Install GL equipment as shown on Attachment II.
- 10. Return well to production.
- 11. Report well tests on morning report until production stabilizes.

Requested By L. H. Hitzgen

Approved By [Signature]

*DM*  
LLL:SJP  
8/30/82

Date 9/1/82

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.)

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ellsworth

9. WELL NO.

1-16B4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 16 T2S R4W  
SE/4 NE/4

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Shell Oil Company ATTN: B. T. Ellison 6486 WCK.

3. ADDRESS OF OPERATOR

P. O. Box 831 Houston, Tx. 77001

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

1801' FNL & 1101' FEL Sec. 16

14. PERMIT NO.

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

KB 6342'

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.)\*

COMPLETED OPERATIONS  
(11-18/12-10-82)

Squeezed casing holes at 6932'-7325' with 150 sacks class G cement and holes at 7627' and 8003' with 300 sacks class G cement. Acid treated Wasatch (10,772'-13,297') with 50,000 gallons 7-1/2% HCL. Returned well to production.

RECEIVED  
MAR 9 1983

DIVISION OF  
OIL GAS & MINING

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

SIGNED

*Bart A. Ellison*

TITLE

Div. Prod. Engr.

DATE

3/2/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RMO-2-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Avg. For Oct.

Ellsworth 1-16B4 AFE 577467  
Foreman: Barry Thompson Amt. Auth. \$120,000  
Rig: WOW 19 Daily Amt. \$1980  
Type: Remedial Oil & Gas Cum. Amt. \$1980  
Objective: CO & Stim.

AFE # 577467 provides Funds (\$120,000) to Clean Out  
and stimulate the Wasatch.

11-18-82 MIRU. Pumped 100 bbls. w/tr. down tbq. remove  
wellhead & set BOP on. Release pkr. & POOH  
with 3/4" jts. tbq. Pickup Four Star. Miracle Tool  
and 4/8" mill, ran back in hole with tbq. and  
tools. Stayed out of liner. SDON

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Avg. For Oct.  
AFE 577467  
Amt. Auth \$120,000  
Daily Amt. \$2338  
Cum. Amt. \$4368

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil + Gas  
Objective: CO + Stim.

11-19-82  
Activity: Bleed pressure off well, continue with CO run. move 87 jts. out of pipe basket + tally. Start picking up tbg. tag at 12,280'. Rig up power swivel - start drilling. Clean out to 13,000. Rig down power swivel. POOH with 15 stands. SDOX

RYO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Avg. For Oct.

Ellsworth 1-16B4	AFE 577467
Foreman: Barry Thompson	Amt. Auth \$120,000
Rig: WOW 19	Daily Amt. 52338
Type: Remedial Oil + Gas	Cum. Amt. \$6706
Objective: C.O. & Stim.	

11-20-82

Activity: RIH with 15 stands. Pickup Power swivel, start drilling at 13,000' - fell through at 13,290'. Start drilling again. Clean out to PBTD at 13,310. Rig down power swivel - lay down 87 jts. Finish POOH with miracle tool & mill. RIH with 7" 26# Mt. States 32-A pkr. & 342 jt. tbg. Set pkr. at 10,674' with 20,000 lbs tension - land tbg. SDOX

11-21-82

Activity: Sunday

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD

Altamont

LEASE

Ellsworth

WELL NO.

1-16B4

COUNTY

Duchesne

STATE

Utah

DATE

REMARKS

Daily Avg. For Oct.

Ellsworth 1-16B4

AFE 577467

Foreman: Barry Thompson

Amt. Auth. \$120,000

Rig: WOW 19

Daily Amt. \$1963

Type: Remedial Oil & Gas

Cum. Amt. \$8669

Objective: CO & Stim.

11-22-82

Activity: Bleed pressure off tbg., fill & pressure test csq. - leaked at 1000 psi. Release pkr. & POOH. Change pkr. & RIH with Mt. States 7" 26# 32-A pkr. + 45 seat nipple & 342 jts. tbg. Set pkr. at 10,674' with 18000 lbs. tension. Land tbg., fill & pressure test csq. - leaked at 1000 psi. Remove donut-release pkr. Pull up hole 60', reset pkr. at 10,614' with 18,000 lbs. tension. - land tbg. - test csq. - leaked at 1000 psi. Release pkr. & start out of hole. SDOX

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD  
LEASE  
WELL. NO.  
COUNTY  
STATE  
DATE

Altamont  
Ellsworth  
1-16B4  
Duchesne  
Utah  
\_\_\_\_\_

REMARKS

Daily Avg. For Oct.

Ellsworth 1-16B4 AFE 577467  
Foreman: Barry Thompson Amt. Auth \$120,000  
Rig: WOW 19 Daily Amt \$3363  
Type: Remedial Oil + Gas Cum. Amt \$12032  
Objective: CO + Stim.

11-23-82

Activity: Pumped 40 bbls. wtr. down hole. Finish POOH with pkr. Change out pkr., RIH with Baker 7" 26# Full bore, +45 seat nipple + 342 jt. tbq. Set pkr. at 10,674 with 20,000 lbs. tension, fill & test to 1000# - leaked. Release pkr., pull up hole 300', set & test - leaked. Release pkr., pull up & set at 9600' - still leaked. Release pkr., pull up hole & set at 6125' - tested OK. RIH & set pkr. at 6687' - tested OK. Release pkr. + RIH to 7684' - leaked at 1400 lbs. Release & pull up hole - set at 7623' - leaked at 1200 lbs. Release & pull up hole - set at 7438' - leaked. Release & pull up hole - set at 7193' - held 1800 lbs. bled to 0 lbs. - pkr. blew up. Release pkr. SDON

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Avg. For Oct.  
AFE 577467  
Amt. Auth \$120,000  
Daily Amt \$2213  
Cum. Amt \$14245

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil + Gas  
Objective: C.O + Stim.

11-24-82

Activity: Bleed pressure off well. Finish POOH with PKr., PKr. still in good shape - possible CSG leak. Called Dia-log to run CSG survey. Rig up Dia-log - log well from 10,772' to 5800'. Log showed hole in collar at 8003, possible washed collar at 7627, and possible part at 7326. Rig down Dia-log + run 20 stands tbg. in hole. SDOX

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Avg. For Oct.  
AFE 577467  
Amt. Auth. \$120,000  
Daily Amt. \$7189  
Cum. Amt. \$21,434

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil + Gas  
Objective: CO & Stim.

11-25-82

Activity: Holiday

11-26-82

Activity: Bleed off well. Rig up OWP, set CIBP at 8100". Rig down OWP. RTH with Halliburton 7" RTTS pkr., +45 seat nipple and 224 jts. tbg. Pump 80 bbls. 160° wtr. - drop standing valve & seat standing valve. Set pkr. at 6995' - pressure test tbg. to 5000 lbs. Test csg. - blew up at 1000 lbs. Move up hole with pkr. to 6932' - still leaked. Move up hole with pkr. to 6868' - held 3000 lbs. Moved up hole 300' & set pkr. at 6618' - tested to 3000 lbs.  
SDOX

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT	<u>WOW</u>	FIELD	<u>Altamont</u>
RIG NO.	<u>19</u>	LEASE	<u>Ellsworth</u>
		WELL NO.	<u>1-16B4</u>
		COUNTY	<u>Duchesne</u>
		STATE	<u>Utah</u>
		DATE	

REMARKS		Daily Amt For Oct.	
	<u>Ellsworth 1-16B4</u>		<u>AFE 577467</u>
	<u>Foreman: Barry Thompson</u>		<u>Amt. Auth \$120,000</u>
	<u>Rig: WOW 19</u>		<u>Daily Amt \$8597</u>
	<u>Type: Remedial Oil + Gas</u>		<u>Cum. Amt \$30,031</u>
	<u>Objective: C.O + Stim.</u>		

11-27-82

Activity: Rig up Halliburton to perform cement squeeze on csg. Pumped 150 sacks cement (class G)- spotted cement 100' below pkr. Stage cement for 30 min. Release pkr. - pull up hole 300'. After 2 hrs. RIH with Delsco wire line and tagged cement at 7130. Rig down Delsco. R/U Halliburton - pump 130 sacks cement. Displaced 100' below pkr. pumping at 2000 psi. Staged for 1 hr. + 15 min. to 2300 psi. Released pkr. - pulled up hole 300' - set pkr. at 6300' with 1500 psi. S DON.

KMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil & Gas  
Objective: CO & Stim.

Daily Avg. For Oct.  
AFE 577467  
Amt. Auth. \$120,000  
Daily Amt. \$2422  
Cum. Amt. \$32453

11-29-82

Activity: Bleed off pressure on tbg. RIH with Delsco wireline & tag cement at 6814. R/D Delsco. Release pkr. & circulate well for 20 min. POOH laying down pkr. RIH with 6 1/8" bit-tag cement at 6812. Rig up power swivel and stripping head. Circulate well for 15 min. Start drilling cement. Fell through cement at 6930, tag cement again at 7130. Drill to 7204, circulate for 30 min. SDOX

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Amt. For Oct.  
AEE 577467  
Amt. Auth. \$120,000  
Daily Amt. \$2422  
Cum. Amt. \$34,875

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil + Gas  
Objective: CO + Stim.

11-30-82

Activity: Hook up power swivel, circulate well  
For 30 min. Start drilling on cement at 7204,  
drill to 7330. Fell through, pick up 3 jts. tbg.  
bottom of tbg. at 7419. Circulate for 30 min. Pressure  
test csg. to 2000 lbs. - bled off to 1180 in 30 min.  
Bleed pressure off well, pick up pipe-tag at 7510.  
Clean out to CIBP at 8134. Circulate well for  
30 min. - lay down power swivel & stripping  
head, lay down 10 jts. tbg. SDON

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Av. For Oct.  
AFE 577467  
Amt. Auth. \$120,000  
Daily Amt. \$4022  
Cum. Amt. \$38,897

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil & Gas  
Objective: C.O. & Stim.

12-1-82

Activity: Lay down 44 jts. tbg. Come out of hole with bit. RIH with RTTS Halliburton pkr. & retrievable B.P. Set B.P. at 6995, pkr. would not set. RIH with new Rtts pkr. - set pkr. at 6868. Pressure tested at 6932' to 2000 lbs. - lost 500 lbs. in 15 min. Release BP & pkr., set BP at 7367, pkr. at 7305. Test hole at 7325 - leaked 600 lbs. in 15 min. Release BP & pkr., pumped down csg. at 800 lbs. - 1/2 - 2 bbls a min. Shut well in, drained pump & lines. SDON

RMO-2-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Daily Avg. For Oct.  
AFE 577447  
Amt. Auth. \$120,000  
Daily Amt. \$9216  
Cum. Amt. \$48,113

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil & Gas  
Objective: CO & Stim.

12-2-82

Activity: POOH with pkr. & RBP. RIH with Halliburton RTTS pkr. - set pkr. at 6618. Pressure test csg. to 1500. Pump down tbg. at a rate of 1 1/2 to 2 bbls a min. at 800 psi. R/U Halliburton to cement squeeze holes in csg. at 7627' and 8003'. Used 300 sacks of class "G" cement - displaced 70 bbls and started staging. Staged four times - pressure to 1800 psi. Released pkr., pulled up hole 300' and set pkr. at 6300'. Pressured tbg. to 1500 psi. Shut well in, rig down Halliburton. SDON

WMO-2-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. I-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Days As For Cost  
AFE 577447  
Amt. Avch \$120,000  
Daily Int \$2422  
Cum. Amt \$50,535

Ellsworth I-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil - Gas  
Objective: CO & Stim.

12-3-82

Activity: Rig up hot oil truck to thaw tbg. -  
tbg. had 400 lbs. pressure. Bleed off pressure.  
Release pkr., POOH with pkr. RIH with  
6 1/8" bit, bumper sub, & hydraulic jars. Tag  
cement at 7343'. Rig up power swivel +  
stripping head. Start drilling - had problems  
with tbg. plugging off. Drill to 7473'. Circulate  
well for 30 min. Test csg. to 2000 lbs. - bled  
off to 1500 lbs. in 10 min. Shut well in, drain  
pump & lines. SDON

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Ellsworth 1-16B4 AFE 577467  
Foreman: Barry Thompson Amt. Auth. \$120,000  
Rig: WOW 19 Daily Amt. \$2338  
Type: Remedial Oil & Gas Cum. Amt. \$52873  
Objective: CO & Stim.

12-4-82

Activity: Hook up power swivel, circulate well  
for 20 min. Start drilling at 7473', drill to 7876'  
drilling very hard. Circulate well for 30 min. Start  
out of hole with bit. Rig down power swivel,  
drain pump & lines. SDOX

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOWS  
RIG NO. 19  
WO# 577467  
Auth Amt: \$120,000  
Objective: Clean out & stimulate

FIELD Attamont  
LEASE Ellsworth  
WELL. NO. 1-16B4  
COUNTY Duchene  
STATE Utah  
DATE \_\_\_\_\_

REMARKS Date: 12-6-82  
Activity: Trip out of hole pick new 6 1/8" bit RTH to 7876' tag cement establish circulation & started drilling on cement Drilled through cement @ 8028' RTH & tag top of CIBP @ 8134'. Pressure test casing to 2000 PSI surface pressure bleed down to 1500 PSI in 15 minutes. Upper 2 holes @ 6932' & 7325' have small leak. SPOW.

Date: 12-7-82  
Status: Drill out CIBP @ 8134' push to bottom & continue with AFE.

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD  
LEASE  
WELL. NO.  
COUNTY  
STATE  
DATE

Altamont  
Ellsworth  
1-16B4  
Duchesne  
Utah  
\_\_\_\_\_

REMARKS

Ellsworth 1-16B4 AFE 577467  
Foreman: Barry Thompson Amt. Auth. \$120.00  
Rig: WOW 19 Daily Amt. \$2410  
Type: Remedial Oil & Gas Cum. Amt. \$58483  
Objective: CO & Stim.

12-7-82

Activity: Circulate well for 15 min., start  
drilling on CIBP. Drilled up plug. Pick up  
3 jts. CIBP. Fell to liner top. Rig down power  
swivel. POOH with 6/8 bit - RIH with 4/8 mill.  
Tag CIBP at liner top. Rig up power swivel,  
pump down tbg. Start drilling on remains of CIBP -  
did not fall through liner. Shut well in, drain  
pump and lines. SDOX

RMO-2-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD  
LEASE  
WELL NO.  
COUNTY  
STATE  
DATE

Altamont  
Ellsworth  
1-16B4  
Duchesne  
Utah  
\_\_\_\_\_

REMARKS

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil & Gas  
Objective: CO & Stim.

AFE 577467  
Amt. Auth. \$120,000  
Daily Amt. \$3038  
Cum. Amt. \$61521

12-8-82

Activity: Hook up power swivel, pump down  
tbg., drill on remains of 7" CIBP on liner  
at 10,856. Fell through liner top. Rig down power  
swivel, push CIBP to 13260. Lay down 87 jts. tbg.  
POOH with 4 1/8 mill. RIH with 7" 26# LOK-Set  
PKr. + 45 seat nipple & 20 stands tbg. Shut  
well in, drain pump & lines. SDON

12-9-82

Status: Acidize according to prog.

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT WOW  
RIG NO. 19

FIELD Altamont  
LEASE Ellsworth  
WELL NO. 1-16B4  
COUNTY Duchesne  
STATE Utah  
DATE \_\_\_\_\_

REMARKS

Ellsworth 1-16B4 AFE 577467  
Foreman: Barry Thompson Amt. Auth. \$120,000.  
Rig: WOW 19 Daily Amt. \$81,837  
Type: Remedial Oil & Gas Cum. Amt. \$143,358  
Objective: CO & Stim.

12-9-82

Activity: Finish RIH with 7" lok-set pkr., +45  
seat nipple & 342 jts. tbg. Set pkr. at 10,660  
with 20,000 lbs. tension. Land tbg. - Fill & test csg.  
to 1500 lbs. Remove BOP - put wellhead on. Rig up  
NOWSCO to acidize according to prog.

Max press. 7800 max. rate 18.4  
Avg. press. 7410 Avg. rate 16.1

ISIP 1010	csg. 1560	Acid 1375 bbls.
5 min. 180		Flush 169 bbls.
10 min. 10	Balls 400	Total 1543 bbls.
15 min. Vacuum	BAF 9000 lbs.	

Rig down NOWSCO. Shut well in. SDOX

RMO-Z-60  
(12/75)

SHELL OIL COMPANY  
WELL WORK REPORT

CONTRACT  
RIG NO.

WOW  
19

FIELD  
LEASE  
WELL. NO.  
COUNTY  
STATE  
DATE

Altamont  
Ellsworth  
1-16-B4  
Duchesne  
Utah

REMARKS

Ellsworth 1-16B4  
Foreman: Barry Thompson  
Rig: WOW 19  
Type: Remedial Oil & Gas  
Objective: CO & Stim.

AFE 577467  
Amt. Auth. \$120,000  
Daily Amt. \$1963  
Cum. Amt. \$145,321

12-10-82

Activity: Tbg. on a vacuum, remove wellhead, put BOP on. Release pkr., POOH with pkr. & tbg. Check pkr., RIH with same 7" LOK-Set pkr., unloader sub, 745 seat nipple, 11 camco mandrels + 342 jts. tbg. Set pkr. at 10,732" with 18000 lbs. tension. Land tbg., remove BOP, put well head on, hook up Flowline. Shut well in, rig down equipment. Turn well over to production.

Final Report.

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.)

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

CA 96-59

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ellsworth

9. WELL NO.

1-16B4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 16 T2S R4W  
SE/4 NE/4

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Shell Oil Company ATTN: B. T. Ellison 6486 WCK.

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

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

1801' FNL & 1101' FEL Sec. 16

14. PERMIT NO.

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

KB 6342'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

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

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

Current Status: Currently producing 26 BOPD and 24 BWPD from the Wasatch (10,772'-13,297').

Proposed Work: Acid treat Wasatch perforations with 15,000 gallons 15% HCL.

RECEIVED  
JUL 21 1983

DIVISION OF  
OIL, GAS & MINING

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

SIGNED

*E. J. [Signature]* 1A/18E

TITLE

Div. Prod. Engr.

DATE

July 18, 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Shell Oil Company ATTN: C. A. Miller 6494 WCK.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1801' FNL &amp; 1101' FEL Sec. 16</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME CA 96-59</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Ellsworth</p> <p>9. WELL NO. 1-16B4</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 16 T2S R4W SE/4 NE/4</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether OF, FT, OR, etc.) KB 6342'</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"/>	
(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.) \*

COMPLETED OPERATIONS  
(8/4-10/4/83)

Ran 5-1/2" liner from 5367'-10,856'. Perforated Wasatch from (10,592'-11,575'). Acid treated (10,592'-13,297') with 30,000 gallons 7-1/2% HCL. Returned well to production.

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

SIGNED C. A. Miller TITLE Div. Oper. Engr. DATE 10/6/83

(This space for Federal or State office use)

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

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: FIRST REPORT  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3575  
CUM. COST: 3575  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-4-83  
PRESENT STATUS: CO 5 IN CASING  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION LOAD OUT EQUIP AND MOVE  
\*02\* RU EQUIP BLED PRESS OFF WELL PUMP DOWN WELL  
\*03\* RELEASE 7 IN LOK-SET PKR RIH AND TAGGED 5 IN  
\*04\* LINER TOP POOH W/ TBG LAYING DOWN CAMCOS SDON  
\*05\* 6-7 PM TRAVEL HOME

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2650 3081  
CUM. COST: 6225 9306  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-5 AND 8-6-83  
PRESENT STATUS: CO LINER TO PBTD  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 8-5-83 6-7 AM TRAVEL BLED OFF PRESS CONT POOH  
\*02\* MU 4 1/8 IN BLADED MILL RIH W/ PROD TBG AND PU  
\*03\* WORK STRING TO CO 5 IN LINER TAGGED  
\*04\* FILL AT 11165 FT RU SWIVEL AND HYD STRIPPER  
\*05\* PUMP DOWN CSG APPX 1100 BBLs WTR NO CIRC BREAK OFF  
\*06\* SWIVEL AND POO LINER W/ 4 1/8 IN MILL SDON 5-6 PM  
\*07\* TRAVEL HOME  
\*08\* 8-6-83 6-7 AM TRAVEL TO LOCATION BLED OFF PRESS  
\*09\* POOH WITH 100 STDS IN HOLE HIT OIL IN TBG TRY TO  
\*10\* PUMP OUT COULDN'T PULL BLOWING ALL OVER RIG AND  
\*11\* LOCATION SWAB DOWN GOT HOT OIL TRUCK AND CLEANED  
\*12\* OFF RIG AND FLOOR MU 4-STAR MIRACLE TOOL AND START  
\*13\* IN HOLE SDON 7-8 PM TRAVEL HOME

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 6284  
CUM. COST: 15590  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-8-83  
PRESENT STATUS: PREPARE TO ACIDIZE  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL BLED PRESS OFF WELL CONT RIH  
\*02\* TAGGED FILL AT 11165 FT RU SWIVEL AND START MILLING  
\*03\* MILLED FOR 18 FT CONT RIH CLEAN OUT TO 13310 FT  
\*04\* POOH LAYING DOWN WORK STRING PULLED 10 JT SDON  
\*05\* 6-7 PM TRAVEL HOME  
-----

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 4575  
CUM. COST: 20165  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-9-83  
PRESENT STATUS: PRESS TEST 7 IN CSG  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL BLED OFF WELL CONT POOH LAYING DOWN  
\*02\* WORK STRING STD BACK PROD TBG LAY DOWN MIRACLE  
\*03\* TOOL MU 7 IN MT STATES CS1 PKR AND RIH SET PKR  
\*04\* AT 10663 FT W/ 22000 LBS TENSION LOAD CSG TO 1500  
\*05\* LBS WOULDNT HOLD PUMP 1 1/4 BPM AT 1500 LBS PRESS  
\*06\* DROPPED TO 400 LBS RU TO PULL TBG RELEASE PKR  
\*07\* AND LET WELL EQUALIZE SDON 6-7 PM TRAVEL HOME  
-----

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 4078  
CUM. COST: 24243  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-10-83  
PRESENT STATUS: TEST 7 IN CSG  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL BLED OFF PRESS PULL UP HOLE 50 STDS  
RESET PKR AND TEST 7 IN CSG LEAKING ABOVE  
7530 FT PULL 20 STDS TEST STILL LEAKING AT 6200 FT  
POOH MU NEW 7 IN HD PKR AND 7 IN RET BP RIH BP  
STACKED OUT AT 6887 FT GOT THRU SET RET BP  
AT 8601 FT PULL UP 1 STD SET PKR TEST TOOLS HELD  
PULL PKR TO 6981 RESET AND RETEST LEAK PULL 2 STDS  
RESET PKR AT 6850 FT TEST AGAIN GOT INJ RATE 1 3/4  
BPM AT 1300 TO 1500 LBS SDON 6-7 PM TRAVEL

-----  
STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 6925  
CUM. COST: 31168  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-11-83  
PRESENT STATUS: LOG FOR CSG PART  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL FILL 7 IN CSG ABOVE PKR AT 6850 FT  
AND TEST LEAK AT 1/2 BPM AT 1500 LBS RELEASE PKR  
AND PULL UP HOLE TO 6000 FT RESET AND RETEST HELD  
RIH AND RET BP POOH W/ PKR AND PLUG LAY DOWN  
MT STATES RU MCULLOUGH RUN 7 IN CALIPER LOG RD  
MCULLOUGH SDON

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2213 9608  
CUM. COST: 33381 42989  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-12 AND 8-13-83  
PRESENT STATUS: PREPARE TO PATCH CSG PART  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 8-12-83 6-7 TRAVEL WOO RIG UP OWP WO MT STATES W/  
\*02\* 5 IN BP AND OWP SETTING TOOLS MU PERMANENT BP AND  
\*03\* RIH HAD TROUBLE GETTING IN LINER SET BP AT 10870  
\*04\* FT OWP DUMP 3 SKS SAND ON PLUG RD OWP DUMP BAILER  
\*05\* SDON 7-8 PM TRAVEL  
\*06\* 8-13-83 6-7 AM TRAVEL MU 7 IN CIBP OWP SET AT  
\*07\* 6935 FT WO HALIBURTON W/ 7 IN CSG ALLIGNMENT TOOL  
\*08\* RIH TAGGED CIBP PULL UP HOLE AND SET TOOLS SDON  
-----  
BP

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3314  
CUM. COST: 48346  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-15-83  
PRESENT STATUS: WO CMT  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL RU HALIBURTON PUMP INTO PARTED CSG  
\*02\* AT 2 BPM AND 2200 LBS PUMP CMT INTO PART  
\*03\* POO EZ DRILL SPOT 2 BBLS CMT ON EZ DRILL REV CIRC  
\*04\* HOLE CLEAN RD HALIBURTON SDON 5-6 PM TRAVEL  
-----

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WD NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2842  
CUM. COST: 55075  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-17-83  
PRESENT STATUS: DRILL E-Z PLUG  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL RUN BACK DOWN TO E-Z DRILL CONT  
\*02\* DRILLING MADE APPX 1 FT MORE ON E-Z DRILL PULL  
\*03\* UP AND CIRC HOLE CLEAN SDON 5-6 PM TRAVEL

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WD NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3607 3112 2852  
CUM. COST: 3 DAY - 61814  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-18 8-19 8-20-83  
PRESENT STATUS: MILLING ON ALIGNMENT TOOL  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 8-18 RUN BACK DOWN AND CONT. DRILLING ON E Z  
\*02\* DRILL PKR. AT 9 30 AM PULL UP OFF BOTTOM CIRC.  
\*03\* HOLE CLEAN. POOH AND CHG. OUT BITS. RIH AND CONT.  
\*04\* DRILLING ON E Z DRILL. PICK UP OFF BOTTOM AND  
\*05\* CIRC. HOLE CLEAN. SDON COST 2356.00 RIG TOTAL  
\*06\* 27910.40  
\*07\* 8-19 RUN BACK DOWN AND CONT. DRILLING ON E Z DRILL  
\*08\* AT 6882 FT. MADE IT THROUGH E Z DRILL. MADE APPROX  
\*09\* 3 FT. INTO ALIGNMENT TOOL. PICK UP AND CIRC. HOLE  
\*10\* POOH DRIFTING TBG. SDON COST 2522.20  
\*11\* RIG TOTAL 30432.60  
\*12\* 8-20 RIH W/ TBG. AND 6 1/8 IN. BIT. CONT. DRILL  
\*13\* ING CSG. ALIGNMENT TOOL. MADE APPROX. 2 FT. PULL  
\*14\* UP CIRC. HOLE WHILE CIRC. HOLE PRESS. WOULD GO UP  
\*15\* TO 1000 LBS. I CHECKED POWER SWIVEL AND FOUND  
\*16\* PIECE OF 9 5/8 IN. CSG SPEAR JAMMED INSIDE. SHUT  
\*17\* IN OVER WEEKEND. COST 2272.20 RIG TOTAL 32704.80

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3676  
CUM. COST: 65490  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-22-83  
PRESENT STATUS: RIH W/ MILL  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL RUN BACK DOWN TO 6887 FT AND CONT  
\*02\* DRILLING ON CSG ALIGNMENT TOOL MADE APPX 7 FT OF  
\*03\* HOLE W/ BIT STARTED BOUNCING POOH W/ BIT M/U  
\*04\* & 1/8 IN MILL AND RIH SDON 5-6 PM TRAVEL

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2693  
CUM. COST: 68183  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-23-83  
PRESENT STATUS: MILL ALIGNMENT TOOL  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL CONT RIH W/ & 1/8 IN  
\*02\* MILL R/U AND MILL ON CSG ALIGNMENT TOOL AT 6894 FT  
\*03\* MILL BEAT CIRC AND DONT CIRC MADE APX 4 FT OF HOLE  
\*04\* PULL UP AND CIRC HOLE SDON

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2942  
CUM. COST: 71125  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-24-83  
PRESENT STATUS: MILLING  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL M/U SWIVEL RUN DOWN AND CONT MILL  
\*02\* AT 6898 FT TO 6904 FT QUIT MAKING HOLE TRY CIRC  
\*03\* CONV STILL NOT MAKING HOLE POOH W/ 6 1/8 IN MILL  
\*04\* BREAK DOWN TOOLS SDON 5-6 PM TRAVEL  
-----

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3905  
CUM. COST: 75030  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-25-83  
PRESENT STATUS: MILLING  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL M/U NEW 6 1/8 IN MILL AND JUNK  
\*02\* BASKET RIH CONT MILLING ON CSG ALIGNMENT TOOL  
\*03\* AT 6904 FT COULDNT MAKE ANY HOLE CIRC HOLE CLEAN  
\*04\* POOH BREAK DOWN TOOLS SDON 5-6 PM TRAVEL  
-----

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 78500  
DAILY COST: 2397 2188  
CUM. COST: 44148 46337  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-26 AND 8-27-83  
PRESENT STATUS: MILL  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 8-26-83 6-7 AM TRAVEL M/U 6 1/8 IN MILL AND  
\*02\* WASH OVER SHOE RIH AND MILL ON CSG ALIGNMENT TOOL  
\*03\* AT 6904 FT MADE APX 2 FT WASHING OVER JUNK TO  
\*04\* 6904 FT QUIT MAKING HOLE PULL UP AND CIRC HOLE CLEAN  
\*05\* POOH AND CHECK MILL SHOE SDON 6-7 PM TRAVEL  
\*06\* 8-27-83 6-7 AM TRAVEL M/U 5 3/4 IN WP AND MILL SHOE  
\*07\* RIH RIG UP SWIVEL AND START MILLING ON JUNK  
\*08\* COULDN'T MAKE ANY HOLE POOH AND CHECK MILL OUTSIDE  
\*09\* EDGE WORE OUT SDON 4-5 PM TRAVEL

-----

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 78500  
DAILY COST: 4337  
CUM. COST: 91753  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-29-83  
PRESENT STATUS: MILLING  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL M/U SAW TOOTH WASH OVER MILL SHOE  
\*02\* WOULD NOT MAKE UP TOOK TO MACHINE SHOP FOR REPAIR  
\*03\* M/U REPAIRED MILL RIH AND MILL MADE APPROX 1 FT  
\*04\* OF HOLE CIRC HOLE CLEAN POOH BREAK DOWN TOOLS  
\*05\* SDON 6-7 PM TRAVEL

-----

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3672  
CUM. COST: 95425  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-30-83  
PRESENT STATUS: MILL  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL M/U JUNK BASKET AND 6 1/8 IN SECURITY  
\*02\* BIT RIH MILL JUNK NOT MAKING HOLE BUT GETTING  
\*03\* AL AND CMT CUTTINGS BACK P/U AND CIRC HOLE CLEAN  
\*04\* SDON 5-6 PM TRAVEL

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2822  
CUM. COST: 98247  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-31-83  
PRESENT STATUS: MILLING  
LATEST TEST: JULY AVE OIL 6 WTR 45  
ACTIVITY: 6-7 AM TRAVEL RUN BACK DOWN AND CONT DRILLING ON  
\*02\* JUNK BIT STARTED JUMPING CIRC POOH BIT WORE OUT  
\*03\* M/U NEW 6 1/8 IN BIT RIH CONT DRILLING MADE 3 FT  
\*04\* OF HOLE PULL UP CIRC FOR 1 HR SDON 5-6 PM TRAVEL  
-----

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WQW 17  
AUTH. AMNT: 78500  
DAILY COST: 3131  
CUM. COST: 101378  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-1-83  
PRESENT STATUS: MILL  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL RUN BACK DOWN AND CONT DRILLING  
\*02\* GOT THRU CSG ALIGNMENT TOOL AND DOWN TO 7 IN CIBP  
\*03\* AT 6935 FT CIRC HOLE CLEAN AND PRESS TEST  
\*04\* 7 IN CSG TO 500 PSI HELD CONT DRILL ON CIBP  
\*05\* COULDN'T MAKE ANY HOLE PULL CIRC POOH AND BREAK  
\*06\* DOWN 6 1/8 IN BIT M/U 6 1/8 IN MILL SHOE RIH SDON

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WQW 17  
AUTH. AMNT: 78500  
DAILY COST: 3904  
CUM. COST: 105292  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-2-83  
PRESENT STATUS: MILL PLUG  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL RUN DOWN AND MILL  
\*02\* ON CIBP AT 6935 FT MILLED UP BP AND PUSHED TO LINER  
\*03\* TOP 5 IN CIRC HOLE CLEAN L/D SWIVEL L/D PLUGGED  
\*04\* TBG PULL UP 2 JTS LAND TBG ON DONUT PREPARE TO LAY  
\*05\* DOWN DRK SDON FOR 3 DAY WEEK END

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 1980  
CUM. COST: 107272  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-6-83  
PRESENT STATUS: POOH W/ TBG  
LATEST TEST: JULY AVE OIL & WTR 45  
ACTIVITY: 6-7 AM TRAVEL CONT GETTING READY TO LAY DOWN  
\*02\* DERRICK BLED PRESS OFF CSG AND REMOVE BOPS TO LAY  
\*03\* DERRICK DOWN AND INSTALL CELLAR BASE R/U AND INSTALL  
\*04\* 6 IN BOPS P/U TBG OUT OF HANGER START OUT OF HOLE  
\*05\* SDON 5-6 PM TRAVEL HOME

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3088  
CUM. COST: 110360  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-7-83  
PRESENT STATUS: PUMP LCM

ACTIVITY: 6-7 AM FIN POOH W/ MILLING TOOL M/U  
7 IN MT ST HD PKR W/ PLUS 45 SN RIH SET PKR AT  
10748 FT W/ 25000 LBS ON PKR FILL 7 IN CSG ABOVE  
PKR TRY TO GET INJ RATE INTO PERFS 27 HOLES  
PUMPING INTO PERFS AT 4 BPM AT 700 PSI SDON SLIP  
DRILLING LINE TALLEY TBG GET READY TO PUMP LCM IN  
AM 4-5 PM TRAVEL

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----

WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 4477  
CUM. COST: 114837  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-8-83  
PRESENT STATUS: PLUG PERFS

ACTIVITY: 6-7 AM TRAVEL P/U SWIVEL PUMP 30 BBLs LCM  
FOLLOWED BY 62 BBLs WTR DIDNT PLUG OFF PUMP 2ND  
BATCH STILL DIDNT HOLD PUMP 3RD BATCH HOLDING  
PRESS SDON 7-8 PM TRAVEL

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----

WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 6981 2339  
CUM. COST: 121818 124157  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-9 AND 9-10-83  
PRESENT STATUS: POOH W/ 5 1/2 IN CSG

ACTIVITY: 6-7 AM TRAVEL PRESS AGAINST PERFS 2000 LBS LEAK  
BACK TO 1400 LBS IN 10 MIN RELEASE PKR AND C/O 5 IN  
LINER TOP 10856 FT RUN 2 JTS STARTED GETTING GAS  
GELLED WTR AND LCM PRESS TEST PERFS AND CSG HOLDING  
POOH W/ TBG LEAVE 30 STDS IN HOLE SDON 4-5 PM TRAVEL  
9-10-83 6-7 AM TRAVEL CONT POOH L/D PKR M/U 2 JTS  
CSG W/ GUIDE SHOE RIH TAGGED LINER TOP AT 10856 FT  
POOH W/ TBG AND CSG L/D 2 JTS 5 1/2 IN CSG RIH  
30 STDS TBG SDON STRING BLOCKS TO 6 LINES 7-8 PM  
TRAVEL

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 7644  
CUM. COST: 131801  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-12-83  
PRESENT STATUS: RUN CSG.

ACTIVITY: 6-7 AM TRAVEL TO LOCATION. CHECK WELL FOR PRESS AND POOH. W/2 7/8 IN. TBG. HILL STRING. CHG. PIPE RAMS TO 5 1/2 IN. RAM BLOCKS. RIG UP PARISH TO RUN CSG. PICK UP AND RUN 136 JTS. 5481.14 FT. 5 1/2 IN. CSG. W/CUT DOWN COLLARS 5850 FT. GUIDE SHOE 1.05 FT. ONE JT. CSG. 42.51 FT. AND FLOAT COLLAR C 135 JTS. CSG. 5 1/2 IN. CSG. HANGER. PICK UP 98 JTS. A.B. TBG. CLOSE WELL IN FOR NIGHT W/ GUIDE SHOE AT APPROX. 8600 FT. COST 2000.90 RIG TOTAL 70016.40

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 9346  
CUM. COST: 141147  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-13-83  
PRESENT STATUS: CMT CSG

ACTIVITY: 6-7 AM TRAVEL RIH W/ AB TBG AND 5 1/2 IN LINER  
\*02\* TAGGED TOP OF 5 IN AT 10856 FT CIRC HOLE CLEAN  
\*03\* PICK UP 1 FT ABOVE 5 IN LINER TOP AND SET 5 1/2 IN  
\*04\* CSG HANGER HAD PROBLEMS RELEASING HANGER WAIT ON  
\*05\* DYE TO MAKE SURE FLUID IS GOING AROUND BTM OF 5 1/2  
\*06\* IN CSG HOOK UP PLUG DROPPER AND PREPARE TO CMT CSG  
\*07\* COULDN'T GET WIPER PLUG TO BUMP W/ 154 BBL'S PUMPED  
\*08\* FLOAT COLLAR SEEMS TO BE HOLDING PULL UP HOLE 1300  
\*09\* FT. TO CLEAR EXCESS CMT SDON 6-7 PM TRAVEL

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 10130  
CUM. COST: 151277  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-14-83  
PRESENT STATUS: CHECK CSG

ACTIVITY: 6-7 AM TRAVEL CONT POOH W/ AB TBG AND SETTING TOOL  
\*02\* FOR SIMPLEX DOUBLE SLIP LINER HANGER CSG WAS S-95  
\*03\* W/ CUT DOWN COLLARS 5.85 OD NUMBER 17 CSG TOP OF  
\*04\* LINER 5367 FT STRING BLOCKS BACK TO 4 LINES M/U  
\*05\* 6 1/8 IN BIT RIH PRESS TEST TO 1500 LBS HELD NO  
\*06\* CMT ABOVE LINER TOP POOH SDON 5.30 6.30 TRAVEL

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3321  
CUM. COST: 154598  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-15-83  
PRESENT STATUS: DRILL CMT

ACTIVITY: 6-7 AM TRAVEL M/U 4 3/4 IN SECURITY ROCK BIT RIH  
\*02\* TAGGED CMT IN 5 1/2 IN CSG 10856 FT DRILL TO 10773  
\*03\* FT HAD PROBLEMS W/ PLUGGED BIT HAD TO CIRC CONV  
\*04\* CIRC HOLE CLEAN PULL OFF BOTTOM SDON 5:30- 6:30 TRAVEL

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3072 2263  
CUM. COST: 157670 159933  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-16 AND 9-17-83  
PRESENT STATUS: MILL 5 IN CIBP

ACTIVITY: 9-16-83 6-7 AM TRAVEL RUN DOWN AND CONT DRILLING  
#02\* CMT TAGGED 5 IN LINER TOP AT 10856 FT CIRC HOLE  
#03\* CLEAN POOH LAY DOWN DCS M/U 4 1/8 IN MILL RIH  
#04\* SDON 6-7 PM TRAVEL  
#05\* 9-17-83 6-7 AM TRAVEL RUN DOWN TO LINER TOP 10856  
#06\* FT START MILLING MILL AND BEAT TO 10870 FT PULL  
#07\* UP AND CIRC HOLE CLEAN SDOW 5-6 PM TRAVEL

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 1288  
CUM. COST: 161221  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-19-83  
PRESENT STATUS: REPAIR RIG

ACTIVITY: P/U SWIVEL CONT MILLING ON CIBP AT 10870 FT HAD  
#02\* TO SHUT RIG DOWN FOR REPAIRS SDON

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2897  
CUM. COST: 164118  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-20-83  
PRESENT STATUS: RIH W/ NEW MILL

ACTIVITY: 6-7 AM TRAVEL CONT MILLING ON CIBP 10870 FT TO  
\*02\* 10880 FT HANGING UP POOH MILL WORN BUT NOT  
\*03\* COMPLETELY GONE M/U 4 1/8 IN MILL START RIH SDON

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2497  
CUM. COST: 166615  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-21-83  
PRESENT STATUS: POOH

ACTIVITY: 6-7 AM FIN RIH W/ 4 1/8 IN MILL R/U SWIVEL CONT  
\*02\* DRILLING ON JUNK 10882 FT MADE APPX 1 FT OF HOLE  
\*03\* IN 8 HRS NO TORC W/ 12000 LBS SETTING ON MILL  
\*04\* TALLY OUT OF HOLE SDON 7-8 PM TRAVEL CHECK W/  
\*05\* SHELL FOR NEXT STEP

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 2883  
CUM. COST: 169498  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-22-83  
PRESENT STATUS: RIH W/ MIRACLE TOOL

ACTIVITY: 6-7 AM TRAVEL R/U DIA-LOG LOG CSG COLLARS AND 5 IN  
\*02\* LINER TOP STACKED OUT AT 10884 FT R/D DIA-LOG  
\*03\* ORDER 4-STAR MIRACLE TOOL WAIT ON TOOL M/U TOOL  
\*04\* RIH TO TOP OF 5 IN LINER SDON 5-6 PM  
\*05\* TRAVEL

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 6074 4162  
CUM. COST: 175572 179734  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-23 AND 9-24-83  
PRESENT STATUS: MILL

ACTIVITY: 9-23-83 TAGGED JUNK STARTED MILLING AND STROKING  
\*02\* W/ 4 STAR MIRACLE TOOL MADE 25 FT OF HOLE PREPARE  
\*03\* TO POOH TOMORROW MORNING  
\*04\* 9-24-83 POOH CHECK MILLINGS M/U NEW 4 1/8 IN MILL  
\*05\* W/ CENTER OFFSET AND CUT OUT RIH TAGGED  
\*06\* CMT AT 10908 FT START MILLING TO 11004 FT CIRC  
\*07\* HOLE CLEAN POO LINER W/ 4 1/8 IN MILL SDON

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

ELLSWORTH 1-16B4

LABEL:

-----

WO NO.:

592317

FOREMAN:

G.R. COURTRIGHT

RIG:

WOW 17

AUTH. AMNT:

78500

DAILY COST:

2536

CUM. COST:

182270

TYPE OF JOB:

R/R

OBJECTIVE:

CO AND STIMULATE WASATCH

DATE(S):

9-26-83

PRESENT STATUS:

LAY DOWN WORKSTRING

ACTIVITY:

\*02\*

6-7 AM TRAVEL RUN TBG BACK IN 5 IN LINER TO CMT

\*03\*

TOP AT 11004 FT CONT MILLING FELL OUT OF CMT AT

\*04\*

11500 FT WELL BLEW IN CIRC HOLE CLEAN RIH TO PBD

\*05\*

13310 FT POOH LAYING DOWN WORKSTRING SDON

6-7 PM TRAVEL

STATE:

UTAH

FIELD:

ALTAMONT

WELL:

ELLSWORTH 1-16B4

LABEL:

-----

WO NO.:

592317

FOREMAN:

G.R. COURTRIGHT

RIG:

WOW 17

AUTH. AMNT:

78500

DAILY COST:

1963

CUM. COST:

184233

TYPE OF JOB:

R/R

OBJECTIVE:

CO AND STIMULATE WASATCH

DATE(S):

9-27-83

PRESENT STATUS:

LOG

ACTIVITY:

\*02\*

6-7 AM TRAVEL CONT POOH W/ 4 1/8 IN

\*03\*

MILL R/U OWP TO LOG 5 IN AND 5 1/2 IN CSG

\*04\*

COULDNT GET LOG GAS AND

\*05\*

OIL IN CSG R/D OWP ARRANGE FOR 5 1/2 IN RET BP

SDON 5-6 PM TRAVEL

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL:

ELLSWORTH 1-16B4

LABEL:

-----

WO NO.:

592317

FOREMAN:

G.R. COURTRIGHT

RIG:

WOW 17

AUTH. AMNT:

78500

DAILY COST:

10582

CUM. COST:

194815

TYPE OF JOB:

R/R

OBJECTIVE:

CO AND STIMULATE WASATCH

DATE(S):

9-28-83

PRESENT STATUS:

LOG CSG

ACTIVITY:

P/U MT STATES MODEL A 5 1/2 IN RET BP RIH TO

\*02\*

10850 FT SET BP CIRC HOLE CLEAN POOH

\*03\*

RIG UP OWP TO LOG 5 1/2 IN CSG RIG DOWN OWP SDON

\*04\*

CBL SHOWED GOOD BOND BEHIND 5 1/2 IN LINER

STATE:

UTAH

FIELD:

ALTAMONT

WELL:

ELLSWORTH 1-16B4

LABEL:

-----

WO NO.:

592317

FOREMAN:

G.R. COURTRIGHT

RIG:

WOW 17

AUTH. AMNT:

78500

DAILY COST:

2213

CUM. COST:

197026

TYPE OF JOB:

R/R

OBJECTIVE:

CO AND STIMULATE WASATCH

DATE(S):

9-29-83

PRESENT STATUS:

PERFORATE

ACTIVITY:

RIH W/ RET HEAD FOR 5 1/2 IN BP POOH LAY DOWN MT

\*02\*

STATES TOOLS R/U OWP TO PERFORATE AS PER PROG

\*03\*

COULDNT GET 3 1/8 IN GUN BELOW 11580 FT LAST 5

\*04\*

SELECTIONS UNSHOT P/U 4 IN GUN SDON

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 16567 20125  
CUM. COST: 213593 233718  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 9-30 AND 10-1-83  
PRESENT STATUS: RUN PROD EQUIP

ACTIVITY: BLED WELL RAN OWP W/ LAST RUN M/U MT STATES 5 1/2  
\*02\* IN CS-1 PKR RIH PKR WOULDNT GO INTO 5 1/2 IN LINER  
\*03\* POOH CHANGE PKRS NEW PKR WENT INTO LINER SET AT  
\*04\* 10500 FT W/ 20000 LBS PRESS TEST CSG TO 15000 LBS  
\*05\* HELD REMOVE BOP INSTALL AND TEST 10000 LB TREE SDON  
\*06\* 10-1-83 R/U NOWSCO PUMP 30000 GAL 7 1/2 PERCENT  
\*07\* HCL AT AVG RATE 12 BPM AT 7322 LBS USED 2500 LBS  
\*08\* BAF AND 600 BALLS FLUSHED W/ 110 BBLs WTR ISIP WAS  
\*09\* 2620 5 MIN-650 10MIN-400 15MIN-200 20MIN-VACUUM  
\*10\* R/D NOWSCO RELEASE PKR LAY DOWN EXCESS TBG POOH  
\*11\* LAY DOWN MT STATES TOOLS RIH W/ 5 1/2 IN GUIBERSON  
\*12\* UNJ-V1 PKR W/ UNLOADER AND 45 SN TO 2000 FT SDON

STATE: UTAH  
FIELD: ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: -----  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 78500  
DAILY COST: 3173  
CUM. COST: 236891  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 10-3-83  
PRESENT STATUS: RIH W/ PROD EQUIP

ACTIVITY: BLED WELL CONT RIH W/ GAS LIFT EQUIP COULDNT GET  
\*02\* INTO 5 1/2 IN LINER W/O GUIBERSON HAND TRY AGAIN  
\*03\* FAILED POOH PKR MARKED IMPROPERLY M/U STRING MILL  
\*04\* ACME 4 3/4 IN RIH R/U SWIVEL ROTATE THROUGH TIGHT  
\*05\* SPOT RUN DOWN HOLE 150 FT POO LINER SDON

STATE:  
FIELD:

UTAH  
ALTAMONT

WELL: ELLSWORTH 1-16B4

LABEL: FINAL REPORT  
WO NO.: 592317  
FOREMAN: G.R. COURTRIGHT  
RIG: WQW 17  
AUTH. AMNT: 78500  
DAILY COST: 2302  
CUM. COST: 239193  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 10-4-83  
PRESENT STATUS: MOVE RIG

ACTIVITY: BLED WELL CONT POOH W/ 4 3/4 IN MILL M/U GUIBERSON  
\*02\* UNI VI PKR RIH INSTALLING CAMCOS AS PER PROG SET  
\*03\* PKR 10530 FT W/ 15000 LBS CHG STACK INSTALL 5000  
\*04\* LB TREE RIG DOWN PREPARE TO MOVE

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

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

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

<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 AND SERIAL NO. Patented
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Shell Western E&P Inc. ATTN: C. A. Miller 6494 WCK.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001		8. FARM OR LEASE NAME Ellsworth
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1801' FNL & 1101' FEL Sec. 16		9. WELL NO. 1-16B4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Altamont
15. ELEVATIONS (Show whether OF, FT, GR, etc.) KB 6342'		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Sec. 16 T2S T4W SE/4 NE/4
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		12. COUNTY OR PARISH    13. STATE Duchesne                      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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input checked="" type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>

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

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

Current Status: Currently producing 5 BOPD + 60 BWPD + 21 MCFGPD from the Wasatch and Lower Green River (10,592'-13,297').

Proposed Work: Clean out and acid treat intervals (10,592'-13,297') with 50,000 gallons 7-1/2% HCl. Inhibitor squeeze above perfs with 550 gallons scale inhibitor + 60 bbls. 15% HCl.

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JAN 31 1984

DIVISION OF  
OIL, GAS & MINING

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

SIGNED C. A. Miller TITLE Div. Oper. Engr. DATE 1/26/84

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

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

2

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> Patented
2. <b>NAME OF OPERATOR</b> Shell Western E&P Inc. ATTN: C. A. Miller 6494 WCK.		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
3. <b>ADDRESS OF OPERATOR</b> P. O. Box 831 Houston, Tx. 77001		7. <b>UNIT AGREEMENT NAME</b>
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  1801' FNL & 1101' FEL Sec. 16		8. <b>FARM OR LEASE NAME</b> Ellsworth
14. <b>PERMIT NO.</b> KB 6342'		9. <b>WELL NO.</b> 1-16B4
15. <b>ELEVATIONS</b> (Show whether OF, RTM, or ...) KB 6342'		10. <b>FIELD AND POOL, OR WILDCAT</b> Altamont
16. <b>PERMIT NO.</b> KB 6342'		11. <b>SEC., T., R., M., OR S&amp;L, AND SURVEY OR AREA</b> Sec. 16 T2S R4W SE/4 NE/4
17. <b>PERMIT NO.</b> KB 6342'		12. <b>COUNTY OR PARISH</b> Duchesne
18. <b>PERMIT NO.</b> KB 6342'		13. <b>STATE</b> Utah

RECEIVED  
 MAR 5 1984

**DIVISION OF OIL, GAS & MINING**

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

COMPLETED OPERATIONS  
 (2/3-16/84)

Cleaned out and acid treated Wasatch and lower Green River (10,592'-13,297') with 46,300 gallons 7-1/2% HCl. Inhibitor squeezed perforated intervals with 550 gallons scale inhibitor and 60 bbls. 15% HCl. Returned well to production.

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

SIGNED C. A. Miller TITLE Div. Oper. Engr. DATE 2/21/84

(This space for Federal or State office use)

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

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4  
LABEL: FIRST REPORT  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WQW 19  
AUTH. AMNT: 165000  
DAILY COST: 550.20  
CUM. COST: 550.20  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH

DATE(S): 2-3-84  
PRESENT STATUS: MOVE RIG RIG UP AND SPOT EQUIP.

ACTIVITY:  
\*02\* WO NO. 599967 AUTHORIZES FUNDS 165000 TO CLEAN OUT  
\*03\* ACIDIZE AND SCALE SQUEEZE LOWER GREEN RIVER AND  
\*04\* WASATCH. MOVED RIG AND EQUIP. TO LOCATION. RIG UP  
\*05\* RIG AND SPOT EQUIP. SDON.  
\*06\* 2-4-84 BLEED TBG. OFF PUMPED 60 BBLs. DOWN TBG.  
\*07\* 2000 LB. KILLED WELL. TOOK WELLHEAD OFF. INSTALLED  
\*08\* BOP. REMOVED TBG. HANGER. TRIED TO RELEASE PKR.  
\*09\* WOULDNT RELEASE AFTER 1 HR. PICKED UP POWER SWIVEL  
\*10\* AND WORKED TBG. UP AND DOWN ABOUT 3 FT. PKR. STILL  
\*11\* WOULD NOT RELEASE. PUMPED 250 BBLs. WTR. DOWN CSG  
\*12\* AND LET SET FOR 1 1/2 HRS. RELEASED PKR. LAID  
\*13\* DOWN POWER SWIVEL STARTED OUT OF HOLE WITH TBG.  
\*14\* WHILE LAYING DOWN GAS LIFT MANDRELS. PULLED 96 STDS.  
\*15\* DRAINED PUMP LINES SDON.  
\*16\* 2-5-84 SUNDAY NO WORK.  
DAILY COST 2030.95 CUM TOTAL 2581.15

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WDW 19  
AUTH. AMNT: 165000  
DAILY COST: 2097.20  
CUM. COST: 4678.35  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH

DATE(S): 2-6-84  
PRESENT STATUS: DRILLING AND CIRCULATING WELL.

ACTIVITY:  
\*02\* KILLED WELL. FINISHED PULLING TBG. WHILE LAYING  
\*03\* DOWN GAS LIFT EQUIP. PUT ON A 4 3/4 IN. MILL. RIH  
\*04\* TAGGED 5 1/2 IN. LINER TOP. MILL WOULD NOT GO IN  
\*05\* LINER TOP. PICKED UP POWER SWIVEL. DRESSED UP  
\*06\* LINER TOP WITH MILL FOR 1 HR. LAID DOWN POWER  
\*07\* SWIVEL. RIH. START PICKING UP TBG. OFF OF RACK.  
\*08\* TAGGED AT 10805 FT. PICKED UP POWER SWIVEL AND  
\*09\* STRIPPING HEAD. PUMPED DOWN CSG. CIRCULATING THE  
\*10\* WELL FOR 1 HR. CLEANED OUT TO 10836 FT. DRILLING  
\*11\* VERY HARD. LOST CIRCULATION. LAID DOWN POWER SWIVEL  
\*12\* POOH WITH 1000 FT. OF TBG. DRAINED PUMPING LINES.  
SDON.

---

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WDW 19  
AUTH. AMNT: 165000  
DAILY COST: 3613.40  
CUM. COST: 8291.75  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH

DATE(S): 2-7-84  
PRESENT STATUS: CLEANED OUT WELL TO 11057 FT.

ACTIVITY:  
\*02\* KILLED WELL. PULLED TBG. AND 4 3/4 IN. MILL OUT  
\*03\* OF HOLE. PUT ON A 4 1/8 IN. FLAT BOTTOM MILL AND  
\*04\* CLEAN OUT TOOL. RIH WITH 348 JTS. TAGGED 5 IN.  
\*05\* LINER TOP AT 10586 FT. PICKED UP POWER SWIVEL.  
\*06\* CLEANED OUT TO 11057 FT. LAID DOWN POWER SWIVEL.  
POOH 600 FT. DRAINED PUMP LINES. SDON

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4  
LABEL: -----  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WDW 19  
AUTH. AMNT: 165000  
DAILY COST: 3413.40  
CUM. COST: 11705.15  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH  
DATE(S): 2-8-84  
PRESENT STATUS: MILL ON SCALE

ACTIVITY: PUMPED WTR. KILLED WELL. RIH WITH 4 1/8 IN. MILL  
\*02\* TAGGED SCALE AT 11149 FT. PICKED UP POWER SWIVEL  
\*03\* MILLED 35 FT. FELL THROUGH. LAID DOWN POWER SWIVEL  
\*04\* RIH TO 11615 FT. PICKED UP POWER SWIVEL MILLED  
\*05\* 30 FT. FELL THROUGH LAID DOWN POWER SWIVEL. RIH  
\*06\* TO 12738 FT. TAGGED SCALE PICKED UP POWER SWIVEL  
\*07\* MILLED 8 FT. FELL THROUGH. LAID DOWN POWER SWIVEL  
\*08\* RIH TO 12950 FT. TAGGED SCALE. PICKED UP POWER  
\*09\* SWIVEL. CLEANED OUT TO P.B.T.D. AT 13310 FT. LAID  
\*10\* DOWN POWER SWIVEL. PULLED UP OUT OF LINER  
\*11\* 50 STDS. DRAINED PUMP LINES. SOON.

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4  
LABEL: -----  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WDW 19  
AUTH. AMNT: 165000  
DAILY COST: 2438.40  
CUM. COST: 14143.55  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH

DATE(S): 2-9-84  
PRESENT STATUS: 2-9-84 PUT 10000 LBS W.H. ON.

ACTIVITY: 2-9-84 ACTIVITY: PUMPED WTR. KILLED WELL. P.O.O.H.  
\*02\* W/TBG. CLEAN OUT TOOL AND MILL LAID  
\*03\* DOWN CLEAN OUT TOOL AND 4 1/8 INCH MILL. PUT ON A  
\*04\* 5 1/2 INCH MT. STATES H D PKR. RIH SET PKR AT 10502  
\*05\* FT. W/30000 LBS. COMPRESSION. PSI TESTED CSG. TO  
\*06\* 1500 PSI OK CLEANED OUT CELLAR REMOVED BOP PUT  
\*07\* 10000 LBS. WELLHEAD ON. DRAINED PUMP LINES.  
\*08\* S.D.O.N.

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-1484  
  
LABEL: -----  
WD NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WQW 19  
AUTH. AMNT: 165000  
DAILY COST: 33637.90  
CUM. COST: 54624.05  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH

DATE(S): 2-10 & 2-11  
PRESENT STATUS: ACIDIZE AND SQUEEZE WELL

ACTIVITY:  
\*02\* RIGGED UP NOWSCO. PRESS. TESTED LINES TO 9000 LBS.  
\*03\* OK. ACIDIZED WELL WITH 46300 GALS. OF 7 1/2 % HCL  
\*04\* LOST PRIME ON LAST 3700 GALS. OF ACID. COULDN'T GET  
\*05\* IT BACK. 670 BALL SEALERS. 12000 LBS. B.A.F.  
\*06\* FLUSHED WITH 125 BBLs. WTR. HELD 1500 PSI ON BACK  
\*07\* SIDE. MAX RATE 18.4 BBLs PER MIN. MIN RATE 13.8  
\*08\* AVG. RATE 13.9. MAX PRESS. 7930 PSI MIN PRESS  
\*09\* 7290 PSI AVG. PRESS 7350 PSI. ISIP 2050 PSI. 5 MIN  
\*10\* 820 PSI 10 MIN. 450 PSI. 15 MIN 250 PSI. 20 MIN  
\*11\* 60 PSI. WENT ON VACUUM AFTER 30 MIN. RIGGED DOWN  
\*12\* NOWSCO. REMOVED WELLHEAD. PUT ON BOP RELEASED PKR  
\*13\* FOOH LAID DOWN 5 1/2 IN. PKR. PUT ON 5 IN. PKR.  
\*14\* RIH WITH 20 STDS. DRAINED PUMP AND LINES SDON.  
\*15\* 2-11-84 PUMPED 40 BBLs. WTR TO KILL WELL. RIH  
\*16\* WITH 5 IN. PKR. AND TBG. SET PKR. AT 12010 FT.  
\*17\* LANDED TBG. REMOVED BOP AND PUT 10000 LB. WELL-  
\*18\* HEAD ON. RIGGED UP NOWSCO. PUMPED CHEMICAL SQUEEZE  
\*19\* AS PROG. CALLED FOR. ISIP 0 LBS. RIG DOWN NOWSCO  
\*20\* REMOVED WELLHEAD. PUT BOP ON. RELEASED PKR. START  
\*21\* ED OUT OF HOLE. CSG SWABBING OIL. PUMPED 50 BBLs  
\*22\* DOWN CSG. PULLED 80 STDS. DRAINED PUMP AND LINES  
SDON AND SUNDAY 2-12-84.

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WOW 19  
AUTH. AMNT: 165000  
DAILY COST: 3363.40  
CUM. COST: 57987.45  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH  
  
DATE(S): 2-13-84  
PRESENT STATUS: RIH WITH TBG.

ACTIVITY: BLED OF TBG. AND CSG. PUMPED 40 BBLs. WTR. DOWN  
\*02\* TBG. AND CSG. FINISHED POOH LAID DOWN PKR. PICKED  
\*03\* UP 5 IN. MTN. STATES RBP. RIH WITH 386 JTS. OF  
\*04\* TBG. SET RBP AT 12020 FT. POOH SWABBING OIL OUT  
\*05\* OF CSG. PUMPED 50 BBLs. WTR. DOWN CSG. FINISHED  
\*06\* POOH. LAID DOWN RETRIEVING HEAD. PICKED UP 5 1/2  
\*07\* IN. H D PKR. RIH WITH 339 JTS. OF TBG. DRAINED  
\*08\* PUMP AND LINES. SDON

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: ELLSWORTH 1-16B4  
  
LABEL: -----  
WO NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WOW 19  
AUTH. AMNT: 165000  
DAILY COST: 6669.55  
CUM. COST: 64657  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH  
  
DATE(S): 2-14-84  
PRESENT STATUS: CHEMICAL SQUEEZE WELL

ACTIVITY: BLED WELL OFF. PUMPED 20 BBLs WTR. DOWN TBG. SET  
\*02\* PKR. AT 10568 FT. WITH 30000 LB. COMP. LANDED  
\*03\* TBG. REMOVED BOP. PUT WELLHEAD ON- 10000 LB.  
\*04\* RIGGED UP NOWSCO. PUMPED CHEMICAL SQUEEZE AS PROG  
\*05\* CALLED FOR. MAX RATE 16.1 BBLs PER MIN. AVG RATE  
\*06\* 12.7 BBLs PER MIN. MAX PRESS 6410 PSI. AVG PRESS  
\*07\* 5250 PSI. ISIP 0 LBS PSI. TBG. WENT ON VACUUM.  
\*08\* RIGGED DOWN NOWSCO. REMOVED 10000 LB. WELLHEAD  
\*09\* PUT ON BOP. RELEASED PKR. STARTED OUT OF HOLE.  
\*10\* PULLED 120 STDS. DRAINED PUMP AND LINES. SDON.

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4  
LABEL: -----  
WD NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WOW 19  
AUTH. AMNT: 165000  
DAILY COST: 2213.40  
CUM. COST: 66870.40  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH  
DATE(S): 2-15-84  
PRESENT STATUS: START IN HOLE WITH PKR. AND TBG.

ACTIVITY: BLED WELL OFF. PUMPED 20 BBLs. WTR DOWN TBG. AND  
\*02\* CSG. FINISHED PULLING OUT OF HOLE. LAID DOWN 5  
\*03\* 1/2 IN. PKR. PICKED UP 5 IN. RETRIEVING HEAD. RIH  
\*04\* WITH 386 JTS. TBG. LATCHED ON TO R.B.P. POOH LAY-  
\*05\* ING DOWN 50 JTS. TBG SWABBING OIL OUT OF CSG. PUMP  
\*06\* ED 40 BBLs. WTR. DOWN CSG. POOH. LAID DOWN R.B.P.  
\*07\* PICKED UP 5 1/2 IN. 32-A MTN. STATES PKR. + 45  
\*08\* SEATING NIPPLE. START IN HOLE WITH PKR. AND TBG.  
\*09\* WHILE PICKING UP GAS LIFT MANDRELS. 30 STDS.  
\*10\* DRAINED PUMP AND LINES. SOON

STATE: UTAH  
FIELD: ALTAMONT  
WELL: ELLSWORTH 1-16B4  
LABEL: -----  
WD NO.: 599967  
FOREMAN: K C LAROSE  
RIG: WOW 19  
AUTH. AMNT: 165000  
DAILY COST: 6479.20  
TYPE OF JOB: REMEDIAL OIL AND GAS  
OBJECTIVE: C.O. ACIDIZE & SQUEEZE LOWER G.R. AND WASATCH  
DATE(S): 2-16-84  
PRESENT STATUS: FINAL RIG REPORT

ACTIVITY: BLED WELL OFF. PUMPED 20 BBLs WTR. DOWN TBG. AND  
\*02\* 40 BBLs WTR. DOWN CSG. FINISHED RUNNING IN HOLE  
\*03\* WITH GAS LIFT EQUIP. 336 JTS. OF TBG. 1 FOUR FT.  
\*04\* SUB. SET PKR. AT 10556 FT. WITH 20000 LB. TENSION  
\*05\* LANDED TBG. REMOVED BOP. PUT 5000 LB. WELL HEAD  
\*06\* ON HOOKED UP FLOWLINE. OPENED UP WELL. RIGGED DOWN  
\*07\* RID AND EQUIP. MOVED 93 JTS. WORKSTRING TO BASKET  
\*08\* MOVED OFF OF LOCATION AT 3 PM TO THE 1-12B5.

MONTHLY OIL AND GAS PRODUCTION REPORT

*Duchesne*

Operator name and address:

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

*NOIHC*

*Operator name change*  
PO BOX 576  
HOUSTON TX 77001  
ATTN: P.T. KENT, OIL ACCT.

Utah Account No. NO840  
Report Period (Month/Year) 8 / 84  
Amended Report

Well Name	API Number	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
<del>ELLSWORTH 1-16B4</del>	<del>4301330192</del>	<del>01735</del>	<del>02S 04W 16</del>	<del>WSTC</del>	<del>16</del>	<del>362</del>	<del>545</del>	<del>3344</del>
<del>HANSON TRUST 1-09B3</del>	<del>4301330144</del>	<del>01740</del>	<del>02S 03W 9</del>	<del>GR-WS</del>	<del>21</del>	<del>750</del>	<del>1042</del>	<del>6378</del>
<del>MUNSEN 1-27A3</del>	<del>4301330145</del>	<del>01745</del>	<del>01S 03W 27</del>	<del>WSTC</del>	<del>31</del>	<del>1273</del>	<del>2206</del>	<del>326</del>
<del>WINKLER 1-28A3</del>	<del>4301330191</del>	<del>01750</del>	<del>01S 03W 28</del>	<del>WSTC</del>	<del>31</del>	<del>1481</del>	<del>363</del>	<del>3094</del>
<del>SHELL FEW 1-10B5</del>	<del>4301330178</del>	<del>01755</del>	<del>02S 05W 10</del>	<del>WSTC</del>	<del>15</del>	<del>225</del>	<del>1653</del>	<del>322</del>
<del>ELLSWORTH 1-19B4</del>	<del>4301330183</del>	<del>01760</del>	<del>02S 04W 19</del>	<del>WSTC</del>	<del>20</del>	<del>469</del>	<del>618</del>	<del>3730</del>
<del>GOODRICH 1-2B3</del>	<del>4301330182</del>	<del>01765</del>	<del>02S 03W 2</del>	<del>GR-WS</del>	<del>28</del>	<del>841</del>	<del>1612</del>	<del>2760</del>
<del>BROTHERSON 1-15B4</del>	<del>4301330159</del>	<del>01770</del>	<del>02S 04W 15</del>	<del>WSTC</del>	<del>31</del>	<del>2207</del>	<del>608</del>	<del>5598</del>
<del>MYRIN RANCH 1-13B4</del>	<del>4301330180</del>	<del>01775</del>	<del>02S 04W 13</del>	<del>WSTC</del>	<del>22</del>	<del>735</del>	<del>817</del>	<del>3885</del>
<del>EVANS 1-19B3</del>	<del>4301330265</del>	<del>01776</del>	<del>02S 03W 19</del>	<del>WSTC</del>	<del>17</del>	<del>344</del>	<del>431</del>	<del>1457</del>
<del>BROTHERSON 1-22B4</del>	<del>4301330227</del>	<del>01780</del>	<del>02S 04W 22</del>	<del>WSTC</del>	<del>22</del>	<del>712</del>	<del>9687</del>	<del>2108</del>
<del>BIRCH 1-27B5</del>	<del>4301330197</del>	<del>01781</del>	<del>02S 05W 27</del>	<del>WSTC</del>	<del>26</del>	<del>2090</del>	<del>428</del>	<del>776</del>
<del>HANSKUTT 1-23B5</del>	<del>4301330172</del>	<del>01785</del>	<del>02S 05W 23</del>	<del>WSTC</del>	<del>24</del>	<del>517</del>	<del>3600</del>	<del>4664</del>
TOTAL						12006	23610	51275

Comments (attach separate sheet if necessary)

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

Date 9-28-84

Authorized signature

Telephone

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

PERMIT IN TRIPPLICATE 010992  
(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  
ANR Limited Inc.

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

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.  
43-013-30192

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

RECEIVED  
DEC 31 1986

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Clausworth

9. WELL NO.  
1-16 B4

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
Sec. 16 2s 4w

12. COUNTY OR PARISH  
Duchesne

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) <input type="checkbox"/>	
(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

*List & Land Mgr*

DATE

*12/24/86*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE UNIT 1-01B4							
4301330129	01700	02S 04W 1	WSTC				
REEDER 1-17B5							
4301330218	01710	02S 05W 17	WSTC				
UTE UNIT 1-22B5							
4301330134	01715	02S 05W 22	WSTC				
ROBB 1-29B5							
4301330135	01720	02S 05W 29	WSTC				
REMINGTON 1-34A3							
4301330139	01725	01S 03W 34	WSTC				
POTTER 1-24B5							
4301330356	01730	02S 05W 24	WSTC				
ELLSWORTH 1-16B4							
4301330192	01735	02S 04W 16	WSTC				
REMINGTON #2-34A3							
4301331091	01736	01S 03W 34	WSTC				
HANSON TRUST 1-09B3							
4301330144	01740	02S 03W 9	GR-WS				
MONSEN 1-27A3							
4301330145	01745	01S 03W 27	WSTC				
MONSEN #2-27A3							
4301331104	01746	01S 03W 27	WSTC				
WINKLER 1-28A3							
4301330191	01750	01S 03W 28	WSTC				
WINKLER #2-28A3							
4301331109	01751	01S 03W 28	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

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

012712

**RECEIVED**  
JAN 25 1988

DIVISION OF  
OIL, GAS & MINING

January 19, 1988

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

Attention: Ms. Lisha Romero

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. NO235.  
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*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on  
reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells or to install completions.  
Use "APPLICATION FOR PERMIT" form for such purposes.)

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 ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado		7. UNIT AGREEMENT NAME CA 96-59	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1801' FNL & 1101' FEL		8. NAME OF LEASE NAME Ellsworth	
14. PERMIT NO. 43-013-30192		9. WELL NO. 1-16B4	
15. ELEVATIONS (Show whether SP, ST, OR, OR.) 6320' GL		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., E., OR S.E., AND SURVEY OR AREA Section 16, T2S-R4W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

RECEIVED  
JAN 19 1989

28. 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"/>	FILL 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 ACHEISE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACHEISE <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

27. 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.)

Proposed Procedure:

1. MIRU. Kill well. NU BOPE & POOH w/tbg & gas lift eqpt.
2. CO wellbore to 13,310'.
3. RIH w/5½" BP & set @ + 10,904'. RIH w/workstring & RTTS pkr. Pressure test plug. Reset pkr @ + 10,750'. Establish injection rate across perms from 10,772-10,890'.
4. RIH w/5½" cmt ret & set @ + 10,750'. Cmt squeeze perms from 10,772-10,890' w/100 sx cmt.
5. Mill out retainer & cmt to BP (+ 10,904'). TIH w/RTTS pkr & pressure test squeeze. Repeat if necessary. Mill out ret, cmt & BP.
6. RIH w/RTTS pkr & set @ + 10,904'. Acidize perms from 10,907-13,297' w/25,000 gals 15% HCL + additives.
7. POOH w/pkr. RIH w/tbg & gas lift eqpt. Return well to production.

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

SIGNED Eileen Danni Dev TITLE Regulatory Analyst DATE January 17, 1989

(This space for Federal or State office use)

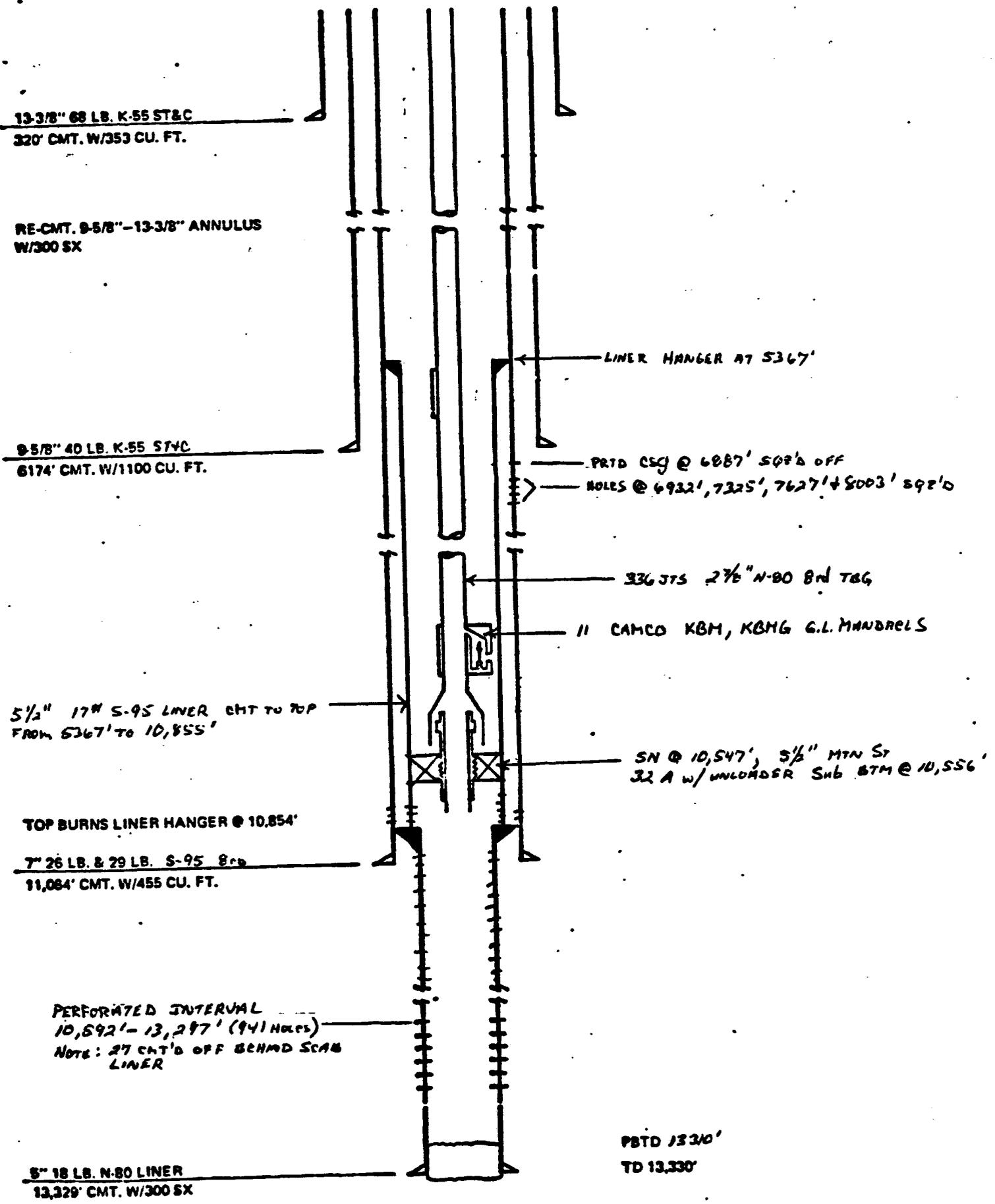
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 1-26-89

\*See Instructions on Reverse Side

ELLSWORTH 1-16B4  
ELEV. 6342 K.B.



13-3/8" 68 LB. K-55 ST&C  
320' CMT. W/353 CU. FT.

RE-CMT. 9-5/8"-13-3/8" ANNULUS  
W/300 SX

9-5/8" 40 LB. K-55 ST&C  
6174' CMT. W/1100 CU. FT.

LINER HANGER AT 5367'

PRFD CSG @ 6087' 502' OFF  
HOLES @ 6922', 7325', 7627' + 8003' 892' D

336 JTS 2 7/8" N-80 8rd TBG  
11 CAMCO KBM, KBMG G.L. MANDRELS

5 1/2" 17# S-95 LINER CMT TO TOP  
FROM 5367' TO 10,855'

SN @ 10,547', 5 1/2" MTN ST  
32 A W/ UNLOADER SUB BTM @ 10,556'

TOP BURNS LINER HANGER @ 10,854'  
7" 26 LB. & 29 LB. S-95 8rd  
11,084' CMT. W/455 CU. FT.

PERFORATED INTERVAL  
10,592' - 13,297' (94 HOLES)  
NOTE: 27 CMT'D OFF BEHMD SCAB  
LINER

PBTD 13330'  
TD 13,330'

5" 18 LB. N-80 LINER  
13,329' CMT. W/300 SX

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

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

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

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.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> Patented	
<b>2. NAME OF OPERATOR</b> ANR Production Company		<b>6. BY INDIAN, ALLOTTEE OR TRIBE NAME</b> Ute Indian Tribe	
<b>3. ADDRESS OF OPERATOR</b> P. O. Box 749, Denver, Colorado 80201-0749		<b>7. UNIT AGREEMENT NAME</b> CA-96-59	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface:  1301' FNL & 1101' FEL Section 16		<b>8. FARM OR LEASE NAME</b> Ellsworth	
<b>14. FORMER NO.</b> 43-013-30192		<b>9. WELL NO.</b> 1-16B4	
<b>15. ELEVATIONS</b> (Show whether on, at, or below) 6320' GL		<b>10. FIELD AND POOL, OR WILDCAT</b> Altamont	
		<b>11. SEC., T., R. N., OR B.L. AND SUBST OR AREA</b> Section 16, T2S-R4W	
		<b>12. COUNTY OR PARISH</b> Duchesne	<b>13. STATE</b> Utah

**RECEIVED**  
JUN 30 1989

DIVISION OF  
**OIL, GAS & MINING**

**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"/>	PLUG 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"/>	(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.)

May 18-June 13, 1989:

See attached chronological report to cement squeeze perms (10,772-10,890') and acidize 10,907-13297' the above referenced well.

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

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 6-27-89  
Brenda W. Swank

(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 1

ELLSWORTH #1-16B4 (WTR SO & ACDZ)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH  
WI: 59.17440% ANR      AFE: 62661  
TD: 13,330' (WASATCH)  
CSG: 5" LINER @ 10,854'-13,329'  
PERFS: 10,592'-13,297'  
CWC(M\$): \$124.0

5/18/89      MIRU.

5/19-20/89      Fin RIH w/csg scraper.      POOH & LD 336 jts tbg & 11 G.L. mandrels.      PU & RIH  
w/5-1/2" csg scraper.  
DC: \$4440      TC: \$4,440

5/22/89      RIH w/C.O. tools.      Tag LT @ 10,854'.      PU & RIH w/4-1/8" mill & C.O. tools.  
DC: \$1,840      TC: \$6,280

5/23/89      POOH w/tbg.      Tag scale in liner @ 12,844' & 12,906'.      Mill out scale to  
13,316'.      Start POOH w/tbg.  
DC: \$4,269      TC: \$10,549

5/24/89      TIH w/tbg.      LD C.O. tools.      Last 2 jts full of scale.      PU & RIH w/CIBP &  
set @ 12,904'.      PU & RIH w/5-1/2" pkr.  
DC: \$4,653      TC: \$15,202

5/25/89      Prep to cmt sqz perfs.      Fin RIH w/5-1/2" pkr on 2-7/8" tbg & set @ 10,742'.  
Est inj into sqz interval from 10,772'-10,890' @ 3.4 BPM @ 1900#.      Press  
tst csg to 2000#.      OK.      POOH w/5-1/2" pkr.      RIH w/2-7/8" x 2-3/8" tbg OE to  
10,904'.  
DC: \$3,864      TC: \$19,066

5/26-27/89      C.O. 7" csg.      Pmp 40 BW dwn csg.      Spot 200 sxs Class "G" cmt w/add across  
sqz interval from 10,772'-10,890'.      POOH w/76 jts 2-7/8" tbg.      Rev circ tbg  
clean.      Sqz to 2000#.      SICP 300#.      Circ tbg clean.      Press cmt to 2000#.  
RIH w/2-7/8" tbg & tag cmt @ 9550'.      POOH w/2-7/8" x 2-3/8" tbg.      RIH  
w/4-3/4" bit on 2-7/8" tbg.  
DC: \$14,325      TC: \$33,391

5/30/89      C.O. 7" csg.      RIH w/4-3/4" bit on 2-7/8" tbg to 9550'.      C.O. 7" csg to  
9967'.      Circ hole clean.  
DC: \$2,333      TC: \$35,724

5/31/89      C.O. 7" csg.      C.O. 7" csg from 9967'-10,403'.      Circ hole clean.  
DC: \$2,193      TC: \$37,917

6/1/89      POOH w/6-1/8" bit.      C.O. 7" csg from 10,403'-10,854'.      Circ hole clean.  
Press tst csg to 2000#.      OK.  
DC: \$2,741      TC: \$40,658

6/2-3/89      POOH w/tbg.      LD drag bit.      PU & RIH w/4-1/8" mill.      Tag cmt @ 10,854'.      DO  
to CIBP @ 10,804'.      Tst sqz to 2000 psi.      OK.      Push CIBP to PBTB @ 13,308'.  
Start POOH w/mill.  
DC: \$5,138      TC: \$45,796

6/5/89      RU to acdz.      PU & RIH w/Mtn States 5" pkr & set @ 10,901'.      RU to acdz.  
DC: \$4,044      TC: \$49,840

6/6/89      RIH w/GL prod equip.      Acdz perfs 10,907'-13,297' (822 holes) w/500 gals  
xylene, 250 bbls 3% KCl wtr, 25,000 gals 15% HCl w/810 balls & rock salt/  
benzoic acid div.      Avg rate 12 BPM, avg press 8000 psi.      ISIP 0 psi, well  
on vac.      PU & RIH w/5-1/2" pkr & 9 GL mandrels.  
DC: \$30,786      TC: \$80,626

6/7/89      59 BO, 144 BW, 119 MCF/12 hrs.  
DC: \$5,827      TC: \$86,453

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

ELLSWORTH #1-16B4 (WTR SO & ACDZ)  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH

Page 2

6/8/89	64 BO, 284 BW, 143 MCF.
6/9/89	59 BO, 387 BW, 105 MCF.
6/10/89	81 BO, 442 BW, 123 MCF.
6/11/89	59 BO, 407 BW, 90 MCF.
6/12/89	64 BO, 393 BW, 29 MCF.
6/13/89	59 BO, 380 BW, 96 MCF.

Before on GL avg'd: 0 BOPD, 0 BWPD, 0 MCFPD. Final report.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Ancestry or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

CA #96-59

8. Well Name and No.

Ellsworth #1-16B4

9. API Well No.

43-013-30192

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, UT

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No

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

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

1801' FNL & 1101' FEL  
Section 16, T2S-R4W

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Install Gas Anchor

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

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

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

Please see the attached morning reports for installation of a gas anchor in the above referenced well. The work was performed from 6/23/93 to 6/29/93.

RECEIVED

AUG 20 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed

*[Signature]*

Title

Regulatory Analyst

Date

8/12/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date











1-76124  
 API No: AFE Job Cost: #39105 Field: Altamont Lease: Ellsworth  
 Well Service Co: W.T. 563 Pumping Unit Type:  Conv  M. II  R. Mic  Roto   
 Pusher or Unit No: Jon E Miles  
 Pump Type: RHBC Size: 2" Bore: 1 1/2 Length: 26  
 Pump No: H.P. 938 Brand: Highland Max SL: 240" Date Acq: 6 12919  
 Liner Type: 4C Plunger Type: S.M Length: 5 Fill: .003  
 Tag Anchor Depth: 11,515 Style Gas Anchor: 1709 Ft 2 3/8 Bellow S.N.B.N. Depth: 11,509  
 Pallet Rod Type Size & Mfg: 1 1/2 W/ 1 3/4 LINER Dip Tube Size & Length:

\* 2" Rod Pump: 2 3/8 tbg @ 10,377 to seat nipple @ 11,509

**Rod String as Run**

Top 41 NEW EL 6-28-93

Size:	Jts:	Ft:	Type:	Comments:
<u>1</u>	<u>144</u>	<u>3525</u>	<u>EL N-97</u>	<u>Slick</u>
				<u>53 slick Top 4 New 6-28-93:</u>
				<u>38 W/D-PLUS New 6-28-93:</u>
<u>7/8</u>	<u>152</u>	<u>3800</u>	<u>MIXED</u>	<u>37 slick N-97</u>
				<u>10 W/Huber N-97</u>
				<u>14 slick N-97</u>
<u>3/4</u>	<u>161</u>	<u>4025</u>	<u>MIXED</u>	<u>Slick Top 11 O.S. Boxes</u>
				<u>Bottom 50 Reg Boxes</u>
<u>N/A</u>	<u></u>	<u></u>	<u></u>	<u>Comments:</u>
<u>Subs: 1-6, 2-4, 1-2X1 FONIES</u>				<u>Loading at top of 1" 7/8" 3/4"</u>
<u>Comments: PULLED PROD. MASS CLEANOUT TO P.B.T.D. RAN NEW tbg PROD. B.H.A.</u>				
<u>RAN RODS AS ABOVE. 45 bbls to Fill. 620 bbls wtr For Job.</u>				
<u>ROD ROTATOR 1-8-93 5 FT ABOVE TAG W/ 2 FT ABOVE CAMPOS</u>				

**Failure Data**

(Check where applicable/Fill in as indicated)

**A. Cause of Job:**

1. Rod Failure:  Box  Body  Pin  Pallet Rod   
 2. Pump Failure:   
 3. Tag Anchor Failure:   
 4. Tag Failure:   
 5. No Failure:

**B. Observations and Conditions Prior to Failure**

1. ROPD:	2. WAD:	3. MCFPD:
2. ROPD: Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>	4. SL: Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>	6. Corrosion Chemical in Use? Yes <input type="checkbox"/> No <input type="checkbox"/>
3. ROPD: A. Blocks in Use? Yes <input type="checkbox"/> No <input type="checkbox"/>	7. Fluid Found? Yes <input type="checkbox"/> No <input type="checkbox"/>	8. Recent Significant Increase in H2S? Yes <input type="checkbox"/> No <input type="checkbox"/>
4. ROPD: B. Blocks in Use? Yes <input type="checkbox"/> No <input type="checkbox"/>	9. Rod Bolster Failure? Yes <input type="checkbox"/> No <input type="checkbox"/>	10. Wet On P.D.T. Yes <input type="checkbox"/> No <input type="checkbox"/>
5. ROPD: C. Gas Interference? Yes <input type="checkbox"/> No <input type="checkbox"/>	11. Excessive paraffin problem well? Yes <input type="checkbox"/> No <input type="checkbox"/>	

**C. Observations Noted at Failed Rod**

1. Depth: \_\_\_\_\_ Rodsize: \_\_\_\_\_  
 2. Mfg. & Trce: \_\_\_\_\_ Yr of Mfg: \_\_\_\_\_  
 3. Visible Corrosion or Scale? Yes  No   
 4. Mechanical Damage? Yes  No   
 5. Rod Box Worn? Yes  No   
 6. Body Break w/in 9" of pin? Yes  No

**D. Action Taken On Well:**

1. Re-set Rods Did Not Fill Pump Yes  No   
 2. Failed Rod String and Checked Makeup on all connections below part Yes  No   
 3. Replaced only Break and Less than 10 rods and/or boxes Yes  No   
 4. Replaced all or majority of 3/4" Boxes Yes  No

W. 11-263"  
AFE #39105

W. Ellsworth 1-16-94

Cnty. Duchesne State Utah

Date 6-23-93

Foreman Jim Farris

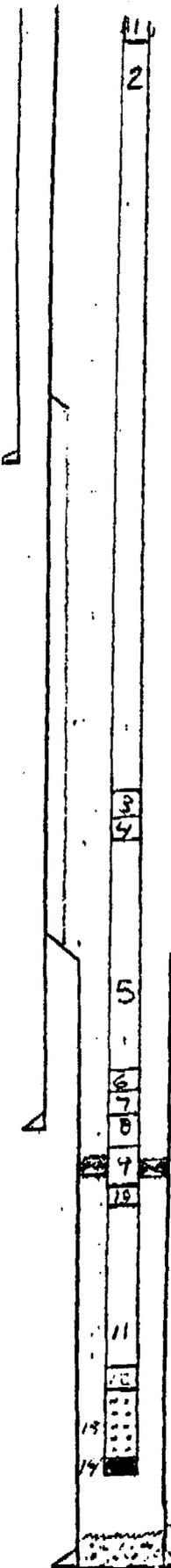
K.B. 22-00

CSG DATA

SIZE	WT.	GRADE	FROM	TO
7 5/8	40#		0	6174'
7"	26#29#		0	11,084'
5 1/2	17#		5367	10,854'
5	18#		10,854	13,330'

BRIEF COMPLETION SUMMARY

MURU. Full Prod. make 5" diameter to PBD @ 13,308'.  
First tag of fill @ 13,056'. Ran new prod thru as  
below.



18,000' stretch 3.80

FINAL STATUS KB 22.00

1	Tag Hanger BRD Top & Bottom 2 7/8	.70
2	336 Jts 2 7/8 169' BRD	10,350.47
3	2 7/8 X 2 7/8 BRD X-0	.78
4	2 7/8 BRD X 2 7/8 FS150 X-0	1.05
5	37 Jts 2 7/8 FS150	1130.55
6	2 7/8 FS150 X 2 7/8 BRD X-0	.75
7	2 7/8 BRD Seat Wipple	1.10
8	1-4 X 2 7/8 BRD 210 Jt.	4.10
9	5' mt. St. A/C. w/ GAR Pides	3.08
10	2 7/8 BRD X 2 7/8 FS150 X-0	1.05
11	56 Jts 2 7/8 FS150	1207.63
12	2 7/8 FS150 X 2 7/8 BRD X-0	.70
13	2 7/8 BRD PERF JT	31.51
14	2 7/8 steel Plug BRD w/ collar on end	1.18

E.O.T. 13,262.8'

S. Nipple @ 11,509

All 2 7/8 BRD by FS150 X-0 ARE Pin X Pin w/ collar on top

PBD 13,308  
T.D. 13,330

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 ANR Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1801' FNL & 1101' FEL  
 Section 16, T2S-R4W

5. Lease Designation and Serial No.  
 Patented

6. If Indian, Allottee or Tribe Name  
 Ute Indian Tribe

7. If Unit or CA, Agreement Designation  
 CA #96-59

8. Well Name and No.  
 Ellsworth #1-16B4

9. API Well No.  
 43-013-30192

10. Field and Pool, or Exploratory Area  
 Altamont

11. County or Parish, State  
 Duchesne County, UT

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Install Gas Anchor
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Please see the attached morning reports for the installation of a packer-type gas anchor in the subject well. The work was performed 7/27/93 to 7/30/93.

RECEIVED

AUG 20 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed Cherish Danna Day Title Regulatory Analyst

Date 8/17/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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



Well No: 1-16134 Date: 7/30/93 Field: ALTAMONT Lease: Ellisworth  
 API No: APE Job Cost: 21,006 Pumping Unit Type: Conv  Mk II  R.Mk  Rate   
 Well Service Co: W.T. 563 Pusher or Unit No: 1111es  
 Pump Type: RHBC Size: 2 1/2 Bore: 1 3/4 Length: 26 1/2  
 Pump No: AP 1038 Brand: Highland Max SL: 235 Date Run: 7 129193  
 Liner Type: AC Plunger Type: SM Length: 5' Fill: .003  
 Tub: PKR Depth: 10,490 Style Gas Anchor: Downhole 945 SEP B.N. Depth: 10,373  
 Polish Rod Type Size & Mfg: 1 1/2 X 1 3/4 liner Dip Tube Size & Length:

**Rod String as Run**

Size: 1" Jts: 106 Ft: 2650 Type: EL-N-97 Comments: Slick 45 EL 61 N-97  
75 slick  
 Size: 7/8" Jts: 113 Ft: 2825 Type: EL, N-97 Comments: 38 W/D-PLUS EL  
22 D-PLUS EL NEW  
 Size: 3/4" Jts: 194 Ft: 4850 Type: EL, N-97 Comments: 35 Slick N-97  
10 W/D-PLUS EL NEW  
127 Slick w/ Bottom 49 w/REG BOXES  
 Size: 1" Jts: 2 Ft: 50 Type: EL Comments: W/D-PLUS  
 Subs: 1-2X1 on Pump 1-2X1 Loading at top of 1" 7/8" 3/4"  
 Comments: Pull Pump Pull Hog L.O.D. 238 NATURAL GAS ANCHOR B/TUB. BULL.  
BACK Downhole GAS SEPARATOR on Hog. Change Rod Design 4966lbs to  
Fill Hog 500 PSI test. 4 1/2 FT OFF Dbl tag w/ 2 FT ABOVE CLAMPS  
x-o STUFFING.

**Failure Data**

(Check where applicable/Fill in as indicated)

**A. Cause of Job:**

1. Rod Failure: Box  Body  Pin  Polish Rod   
 2. Runner Failure:  3. Trip Anchor Failure:   
 4. Trip Failure:  5. No Failure:

**B. Observations and Conditions Prior to Failure**

1. BOPD: \_\_\_\_\_ RWED: \_\_\_\_\_ MCFPD: \_\_\_\_\_  
 2. RPM: \_\_\_\_\_ Recent Changes? Yes  No   
 3. Backs in Use? Yes  No  4. SL: \_\_\_\_\_ Recent Changes? Yes  No   
 5. Backs in Use? Yes  No  6. Corrosion Chemical in Use? Yes  No   
 7. Gas Interference? Yes  No  7. Fluid Found? Yes  No   
 8. Well On PRT? Yes  No  8. Recent Significant Increase in H2S? Yes  No   
 9. Excessive paraffin problem well? Yes  No  9. Rod Rotator Failure? Yes  No

**C. Observations Noted at Failed Rod**

1. Depth: \_\_\_\_\_ Rodsize: \_\_\_\_\_ 2. Mig & Type: \_\_\_\_\_ Yr of Mig: \_\_\_\_\_  
 3. Visible Corrosion or Scale? Yes  No  4. Mechanical Damage? Yes  No   
 5. Rod Box Worn? Yes  No  5. Body Break w/o 2" of pin? Yes  No

**D. Action Taken On Well:**

1. Fished Rods Did Not Pull Pump Yes  No   
 2. Fished Rod String and Checked MAKEUP on all connections below part Yes  No   
 3. Replaced only Break and Less than 10 rods and/or boxes Yes  No   
 4. Replaced all or majority of 2 1/2" Boxes Yes  No   
 5. Replaced all or majority of 3/4" Rods Yes  No   
 6. Replaced all or majority of 7/8" Boxes Yes  No









UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

64663

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

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SUBMIT IN TRIPLICATE

NOV 15 1993

DIVISION OF  
OIL, GAS & MINING

1. Type of Well  
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 ANR Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 1801' FNL & 1101' FEL  
 Section 16, T2S-R4W

5. Lease Designation and Serial No.  
 Patented

6. If Indian, Allottee or Tribe Name  
 Ute Indian Tribe

7. If Unit or CA, Agreement Designation  
 CA #96-59

8. Well Name and No.  
 Ellsworth #1-16B4

9. API Well No.  
 43-013-30192

10. Field and Pool, or Exploratory Area  
 Altamont

11. County or Parish, State  
 Duchesne County, UT

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- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
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- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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Please see the attached morning reports for installation of a gas anchor in the above referenced well. The work was performed from 6/23/93 to 6/29/93.

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

Signed *William D. DeWitt* Title Regulatory Analyst Date 8/12/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

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

\*See instruction on Reverse Side









W.T. 563

MORNING REPORT

DATE 6-29-93

LEASE & WELL Ellsworth 1-1634

DRILLING FOREMAN Jim Ferguson

DAYS SINCE RELIEVED 5

FIELD/PROSPECT Altamont

COUNTY Duchesne

STATE Utah

DISTRICT Denver

REPORT TAKEN BY J. J. [Signature]

SPUD DATE:

DAYS SINCE SPUDED

T.D. FT. DRILG. PROGRESS FT. IN

HRB

CSG@

PBTD

F1

ACTIVITY @ REPORT TIME Final

HOURS

ACTIVITY LAST 24 HOURS

NOV 15 1993

DRILLING/COMPLETION COSTS

AFE

6:00 a.m. - 6:00 a.m.

CODE

ITEM

COST

Hot oiler had 40 bbls down hby by 7:AM

NODIVISION OF OIL, GAS & MINING

DAILY

CUMULATIVE

Open well Finish R.I.H w/ 114-1 Rods.

110

ROADS & LOCATIONS

1-6, 2-4, 1-2X1 PANNIES, Polish Rod: SCAT

120-125

CONTRACTOR CHARGES FOOTAGE, DAY WORK, COMP., WO

730

7337

Pump @ 11,509'. Fill hby w/ 45 bbls

130

MUD & CHEMICALS

228

test to 500 PSI. Hung herse head

135-136

CEMENTING SERVICE & FLOAT EQUIPMENT

hung Polish Rod. R.D mo Put Unit

140

ELECTRIC LOGGING (OPEN HOLE)

Pumping

141

CORING, DST, FMT

142

MUD LOGGING

145

FISHING TOOLS & SERVICES

2700

146

WATER

104

598

148

FUEL Prop.

31

271

146

Filtering

375

147

EQUIPMENT RENTALS

TAK \$300

25

1020

175

TRUCKING

530

181

BHP, GOR, POTENTIAL TESTS

183

PERF. AND CASED HOLE LOGS

184

ACIDIZING, FRACTURING, ETC.

MISC. LABOR & SERVICES

H.O.T.

275

2263

190

SUPERVISION

350

1750

TOTAL INTANGIBLES

1515

17179

200

TOTAL TANGIBLES (CSG, ETC)

408

20,064

TOTAL COSTS

11,923

37,243

5% cont 1862

39105

TANGIBLE ITEMS CHARGED TODAY: (DESCRIBE)

ROD Pump, 4 7/8", 41-1 Rods, 5. Whipple couplings

DRILLING MUD PROPERTIES

WT. (#/GAL) VIS (SEC.) F.L. 100# (cc) HIGH TEMP. F.L. @ 300 PSI P.V. (CP) Y.P. (LB/100 FT<sup>2</sup>) % OIL % LCM % SOLIDS ES/pH ALK.:P<sub>1</sub> Ex-Lm. CL (PPM) OWR/Oa GELS (LB/100 FT<sup>3</sup>): 0" 10" CAKE (32 ND") MBT LB/BBL

PUMP DATA:

NO. 1: MODEL LINER SIZE X SPM GPM PUMP PRESS NO. 2: MODEL LINER SIZE X SPM GPM PUMP PRESS

DRILLING STRING:

D.P. SIZE & TYPE D.C. THD. NO. D.C. LENGTH O.D. I.D. EFF. WT. OF D.C. BHA

BIT RECORD:

Table with columns: BIT NO., SIZE, MFGR., TYPE, SERIAL NO., JETS 32nd (1, 2, 3), DEPTH OUT, TOTAL THIS BIT (FEET, HRS., FT./HR.), CUM HRS, COND DULL (T, B, G)

Date: 6 12 1993 Field: Altamont Lease: Ellsworth

API No: AFE Job Cost: #39105 Pumping Unit Type:  Conv  Mk II  R.Mk  Polo

Well Service Co: W.T. 563 Pusher or Unit No: Jon E Miles

Pump Type: PHBC Size: 2" Bore: 1 1/2 Length: 26

Pump No: H.P. 938 Brand: Highland Max SL: 240" Date Run: 6 12 1993

Liner Type: HC Plunger Type: SM Length: 5 Fill: .003

Tag Anchor Depth: 11,515 Style Gas Anchor: 1709 Ft 2 3/8 Bellow S.N.B.N. Depth: 11,509

Failah Rod Type Size & Mfg: 1 1/2 W/ 1 3/4 LINER Dip Tube Size & Length:

\* 2" Rod Pump: 2 3/8 tbg @ 10,377 to seat nipple @ 11,509

**Rod String as Run**

Top 41 NEW EL 6-28-93

Size:	Jts:	Fit:	Type:	Comments:
<u>1</u>	<u>144</u>	<u>3525</u>	<u>EL N-97</u>	<u>Slick</u> Top 41 NEW EL 6-28-93 53 slick Top 9 New 6-28-93 38 W/D-PLUS New 6-28-93
<u>7/8</u>	<u>152</u>	<u>3800</u>	<u>MIXED</u>	<u>Comments:</u> 37 slick N-97 10 w/ Huber N-97 14 slick N-97
<u>3/4</u>	<u>161</u>	<u>4025</u>	<u>MIXED</u>	<u>Comments:</u> Slick Top 11 O.S. Boxes Bottom 50 Reg Boxes
<u>N/A</u>	<u></u>	<u></u>	<u></u>	<u>Comments:</u>
<u>Subs: 1-6, 2-4, 1-2X1</u>	<u>ROPIES</u>			<u>Loading at top of 1" 7/8" 3/4"</u>
<u>Comments: PULLED PROD. MADE CLEANOUT TO PBTD. RAN NEW tbg PROD. B.H.A.</u>				
<u>RAN RODS AS ABOVE. 45 bbls to Fill. 620 bbls wtr for job.</u>				
<u>ROD ROTATOR 1-8-93 5 FT ABOVE TAG w/ 2 FT ABOVE CAMPS</u>				

RECEIVED

**Failure Data**

(Check where applicable/Fill in as indicated)

NOV 15 1993

**A. Cause of Job:**

1. Rod Failure: Box  Body  Pin  Polish Rod

2. Pump Failure:

3. The Anchor Failure:

4. The Failure:

5. No Failure:

DIVISION OF OIL, GAS & MINING

**B. Observations and Conditions Prior to Failure**

1. ROPD:	2. ROPD:	3. ROPD:	4. ST:	5. ST:
Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>	Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>	Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>	Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>	Recent Change? Yes <input type="checkbox"/> No <input type="checkbox"/>
6. Backs in Use? Yes <input type="checkbox"/> No <input type="checkbox"/>	7. Backs in Use? Yes <input type="checkbox"/> No <input type="checkbox"/>	8. Gas Interference? Yes <input type="checkbox"/> No <input type="checkbox"/>	9. Fluid Found? Yes <input type="checkbox"/> No <input type="checkbox"/>	10. Recent Significant Increase in H2S? Yes <input type="checkbox"/> No <input type="checkbox"/>
10. Wet On PLOT Yes <input type="checkbox"/> No <input type="checkbox"/>	11. Rod Rotator Failure? Yes <input type="checkbox"/> No <input type="checkbox"/>	12. Excessive paraffin problem well? Yes <input type="checkbox"/> No <input type="checkbox"/>		

**C. Observations Noted at Failed Rod**

1. Depth: \_\_\_\_\_ Badness: \_\_\_\_\_

2. Visible Corrosion or Scale? Yes  No

3. Rod Box Worn? Yes  No

4. Mfg & Trac: \_\_\_\_\_ Yr of Mfg: \_\_\_\_\_

5. Mechanical Damage? Yes  No

6. Body Break w/in 2' of pin? Yes  No

**D. Action Taken On Well:**

1. Behind Rods Did Not Run Pump Yes  No

2. Failed Rod String and Checked Makeup on all connections below part Yes  No

3. Replaced only Break and Less than 10 rods and/or boxes Yes  No

4. Replaced all or majority of 3/4" Boxes Yes  No

W. 1-263"

Well Ellsworth 1-1684

K.B. 22-00

AFE #39105

Cnty Duchesne State Utah

Date 6-23-93

Foreman Jim Erickson

RECEIVED

NOV 15 1993

CSG DATA

DIVISION	SIZE	WT.	GRADE	FROM	TO
← 958 - 47 O-6174	7"	26429#		0	61.74'
	5 1/2"	17#		5367	10,854
	5"	18#		10,854	13,330

3 1/2 - 17' TIEBACK  
5367 - 10,854

BRIEF COMPLETION SUMMARY

MIRU. Full Prod. make 5" tieback to PBD @ 13,308'.  
First tag of Full @ 13,056'. Ran New Prod thru 45'  
Below.

← 26429#  
O-11,084

← LTO 5" - 18'  
10,854

18,000' stretch 3.80

FINAL STATUS KB 22.00

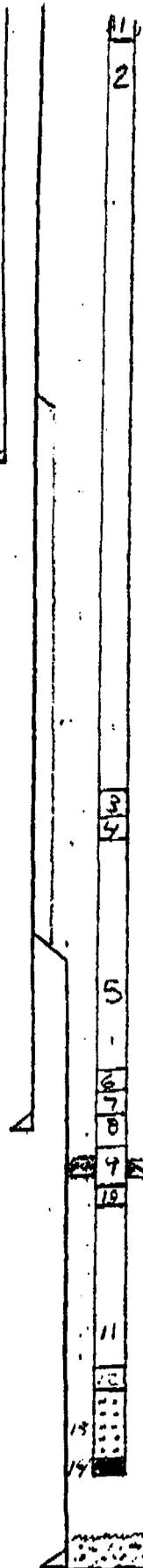
1 Tie Hanger BRD Top & Bottom 2 3/8	0.70
2 336 Jt's 2 3/8 Top BRD	10,350.47
3 2 3/8 X 2 3/8 BRD X-0	0.73
4 2 3/8 BRD X 2 3/8 FS150 X-0	1.05
5 37 Jt's 2 3/8 FS150	4,300.55
6 2 3/8 FS150 X 2 3/8 BRD X-0	0.75
7 2 3/8 BRD Seat nipple	1.10
8 1-4 X 2 3/8 BRD 2 1/2" Jt.	4.10
9 5" Mt. St. A/C. w/GAR Pides	3.08
10 2 3/8 BRD X 2 3/8 FS150 X-0	1.05
11 56 Jt's 2 3/8 FS150	1,707.63
12 2 3/8 FS150 X 2 3/8 BRD X-0	0.70
13 2 3/8 BRD PERF Jt	31.51
14 2 3/8 steel Plug BRD w/collar on end	1.18
E.O.T.	13,262.87

S. nipple @ 11,509

All 2 3/8 BRD by FS150 X-0 ARE Pin X Pin  
w/collar on top

PBD 13,308

T.D. 13,340



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. Patented
2. Name of Operator ANR Production Company	6. If Indian, Allottee or Tribe Name Ute Indian Tribe
3. Address and Telephone No. P. O. Box 749   Denver, CO 80201-0749   (303) 573-4476	7. If Unit or CA, Agreement Designation CA #96-59
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1801' FNL & 1101' FEL Section 16, T2S-R4W	8. Well Name and No. Ellsworth #1-16B4
	9. API Well No. 43-013-30192
	10. Field and Pool, or Exploratory Area Altamont
	11. County or Parish, State Duchesne County, UT

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

**TYPE OF SUBMISSION**

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

- Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Install Gas Anchor

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

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

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

Please see the attached morning reports for the installation of a packer-type gas anchor in the subject well. The work was performed 7/27/93 to 7/30/93.

RECEIVED

JAN 19 1994

DIVISION OF  
OIL, GAS & MINING

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

Signed *Patricia Danna Day* Title Regulatory Analyst Date 8/17/93

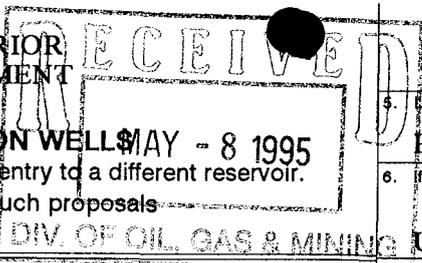
(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

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

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

**SUNDRY NOTICES AND REPORTS ON WELLS** MAY - 8 1995  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No. Patented

6. If Indian, Alottee or Tribe Name Ute Indian Tribe

7. Well Unit or CA, Agreement Designation CA-96-59

8. Well Name and No. Ellsworth #1-16B4

9. API Well No. 43-013-30192

10. Field and Pool, Or Exploratory Area Altamont

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 ANR Production Company

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

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)  
 1801' FNL & 1101' FEL  
 Section 16-T2S-R4W

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

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

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

Signed N.O. Shifflett Title District Drilling Manager Date 05/05/95  
 N.O. Shifflett

(This space for Federal or State office use)

APPROVED BY [Signature] Title Petroleum Engineer Date 5-9-95  
 Conditions of approval, if any:

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

\*See Instruction on Reverse Side

WORKOVER PROCEDURE

**Ellsworth #1-1034**

NE Section 16-2S-4W

Altamont Field

Duchesne County, UT

April 13, 1995

WELL DATA

ELEVATION: 6342' KB; 6320' GL  
TOTAL DEPTH: 13.330' PBD: 13.308'  
CASING: 9-5/8" 40# K-55 LT&C set @ 6174'  
7" 26# & 29# @ 11,084'  
LINERS: 5-1/2" 17# f/5367'-10,854'  
5" 17# f/10,854'-13,330'  
TUBING: 2-7/8" 6.5# N-80

CASING TUBING PROPERTIES

Description	ID	Drift	Capacity B/F	Burst PSI	Collapse PSI
7" 26# S-95	6.276"	6.151"	.0382	8600	7800
5-1/2" 17# S-95	4.892"	4.767"	.0232	9190	8580
5" 18# N-80	4.276"	4.151"	.0177	10140	10500
2-7/8" 6.5# N-80	2.441"	2.347"	.00579	10570	11160
3-1/2" Workstring					

Perforated Interval: Current - 10,592-13,297'  
Proposed - 9,453-10,627', 3 SPF 246 holes

WELL HISTORY

July 1973 D&C to Wasatch 801-13,296'. Acdz w/40,000 gal 15%. IP'd @ 345 BO, 759 MCFD 0 BW.

Dec. 1975 Acidized and put on hydraulic pump.  
Post Production: 150 BO, 175 MCFD, 340 BWPD

June 1978 Add infill perfs 10,772-13,297'. Acdz w/50,000 gal 7-1/2%. Convert to gas lift.  
Prior Production: 85 BOPD, 200 MCF, 320 BWPD  
Post Production: 300 BOPD, 600 MCFD, 430 BWPD

Dec. 1982 Squeeze casing leaks. Acidized w/50,000 gal 7-1/2%.  
Prior Production: 0 BO, 0 MCFD, 0 BWPD  
Post Production: 30 BO, 50 MCFD, 50 BWPD

Aug. 1983 CO run scab liner f/5367'-10,855', reperf 10,592'-11,580', Acdz w/30,000 gal 7-1/2%.  
Prior Production: 15 BO, 120 MCFD, 15 BWPD  
Post Production: 40 BO, 85 MCFD, 50 BWPD

Feb. 1984 CO and Acdz w/46,000 gal 7-1/2% w/scale inhibitor.  
Prior Production: 15 BO, 35 MCFD, 85 BWPD  
Post Production: 20 BO, 35 MCFD, 275 BWPD

June 1989 Acdz w/25,000 gal 15% HCL and convert to beam pump.  
Prior Production: Shut-in  
Post Production: 70 BO, 200 MCFD, 400 BWPD

PRESENT STATUS

Temporarily Abandoned.

PROCEDURE

- 1) MIRU Service Unit. RU BOPE. POOH w/rods and tubing.
- 2) PU 5-1/2" casing scraper and TIH to 10,800'. TOH, LD scraper.
- 3) RU WLS. Set 5-1/2" 17# CIBP @  $\pm 10,725$ . Dump bail 2 sx cement on CIBP.
- 4) Perf the interval 9453-10,627 per the attached schedule. Use 4" select-fire guns loaded 3 spf, 120 degree phasing. RD WLS.
- 5) PU 5-1/2" 17# HD packer and TIH hydrotesting 2-7/8" tubing to 8500 psi. Set packer at  $\pm 9350'$ . Load backside and apply 1000 psi.  
*Note: This is a Green River completion. Circulate only compatible fluids.*
- 6) Acidize perfs w/7500 gal 15% per the attached schedule. Maintain maximum rate without exceeding 9000 psi treating pressure.
- 7) Swab back acid load. Note pH and fluid level of each run. RIs packer and TOH w/tbg and packer.
- 8) PU SN, 20 stands of tbg. and TAC. Set TAC @  $\pm 9400'$  w/SN @  $\pm 10,650$ . CO rods as required and run per standard design.

TWH

**GREATER ALTAMONT FIELD**  
**ANR ELLSWORTH #1-16B4**  
 NE/4 Sec. 16-T2S-R4W  
 Duchesne County, Utah

**PERFORATION SCHEDULE**

**DEPTH REFERENCE: O.W.P. ACOUSTIC CEMENT BOND LOG #1, 4-9-73.**

9,453'	9,908'	10,318'
9,466'	9,940'	10,338'
9,483'	9,946'	10,341'
9,495'	9,979'	10,351'
	9,994'	10,358'
		10,386'
9,511'		10,397'
9,533'	10,024'	
9,567	10,033'	
9,571'	10,043'	10,417'
9,574'	10,047'	10,428'
	10,051'	10,436'
	10,054'	10,456'
9,603'	10,059'	10,470'
9,607'	10,065'	10,495'
9,637'		
9,654'		
	10,124'	10,507'
	10,133'	10,525'
9,707'	10,146'	10,529'
9,715'	10,151'	10,551'
9,727'	10,161'	10,558'
9,746'	10,189'	10,566'
9,762'	10,193'	10,594'
9,785'		10,598'
9,791'		
	10,223'	
	10,228'	10,604'
9,806'	10,242'	10,608'
9,823'	10,247'	10,616'
9,830'	10,253'	10,624'
9,840'	10,280'	10,627'
9,847'	10,291'	
9,857'		
9,865'		
9,868'		
9,873'		

82 total feet, 55 zones

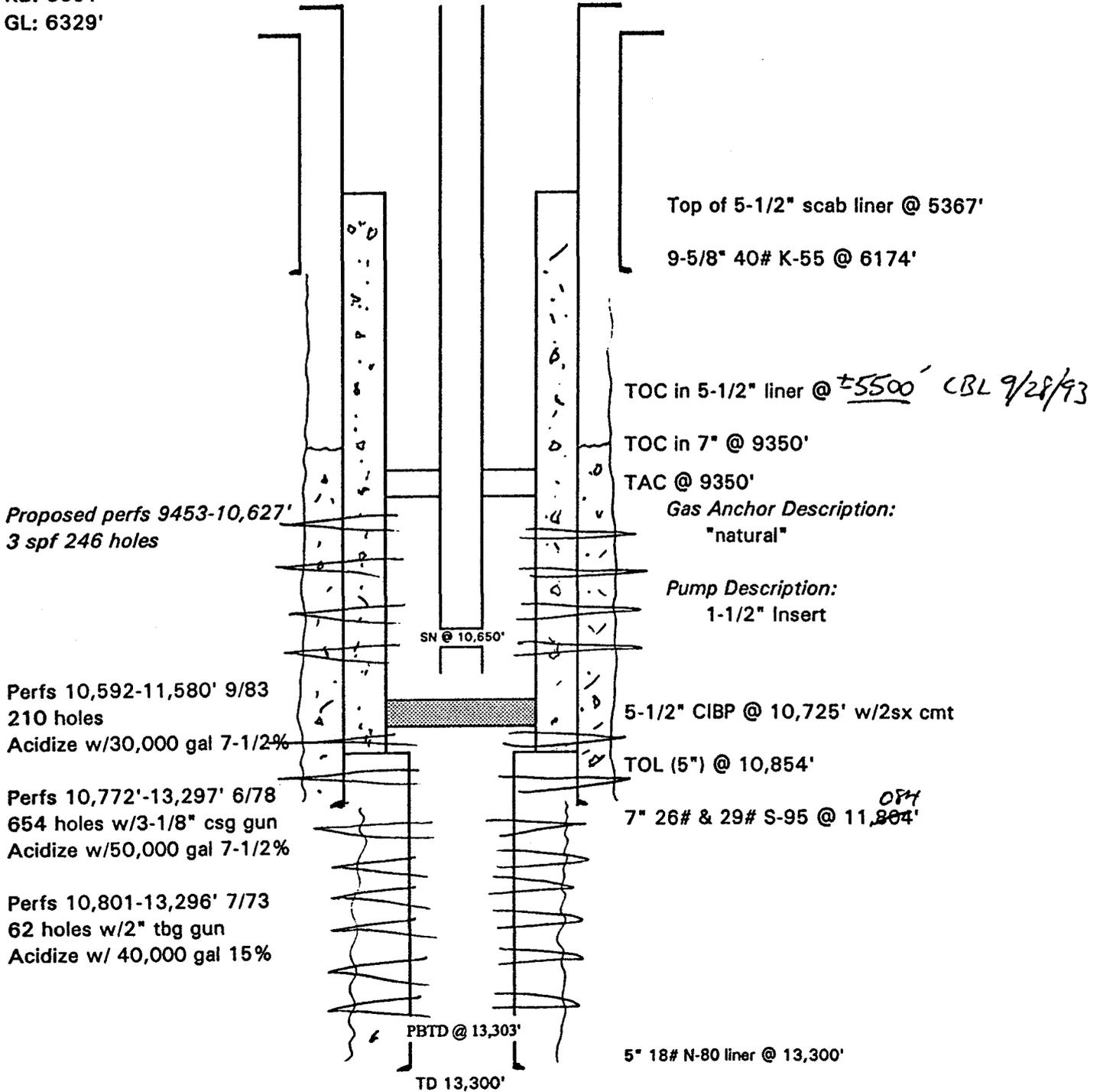
P. T. Loeffler  
 March 27, 1995

FAUSER\LOEFFP1-16B4.SCH

Ellsworth 1-16B4  
 Altamont Field  
 Duchesne Co., UT

Proposed Wellbore Schematic

KB: 6351'  
 GL: 6329'





ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

ELLSWORTH #1-16B4 (RECOMPLETE TO GREEN RIVER)  
 ALTAMONT FIELD  
 DUCHESNE COUNTY, UTAH  
 WI: 78.75% ANR AFE: 00728  
 TD: 13,330' PBDT: 10,725' (CIBP)  
 5" LINER @ 10,854'-13,330'  
 PERFS: 9,453'-10,627'  
 CWC(M\$): 84.7

PAGE 5

- 6/20/95 TOOH w/2 1/2" prod tbg & BHA.  
 TOOH w/rods & 1 3/4" pump. ND WH. NU BOP's. Work pkr free. TOOH  
 w/10 jts 2 1/2" tbg. CC: \$4,762
- 6/21/95 TOOH w/4 3/4" bit & csg scraper.  
 TOOH w/326 jts 2 1/2" prod tbg & gas separator w/5 1/2" anchor BHA. RIH  
 w/5 1/2" csg scraper, 4 3/4" bit w/351 jts 2 1/2" tbg to 10,817'. Attempt  
 to circ well - no success. TOOH w/112 jts 2 1/2" tbg to 7351'. CC:  
 \$7,775
- 6/22/95 Prep to RIH w/5 1/2" HD pkr & hydrotest 2 1/2" tbg.  
 TOOH w/229 jts 2 1/2" tbg, scraper & bit. RU Cutters WL. Ran & set  
 CIBP @ 10,725' & dump bailed 2 sx cmt on CIBP. Perf Green River @  
 10,627'-9,453' w/4" guns, 3 SPF, 120° phasing:

<u>Run #</u>	<u>Interval</u>	<u>Feet</u>	<u>Holes</u>	<u>PSI</u>	<u>FL</u>
1	10,627'-10,386'	21	63	0	7000'
2	10,358'-10,059'	21	63	0	5900'
3	10,054'-9,791'	21	63	0	5800'
4	9,785'-9,453'	19	57	0	5700'
	Total	82	246		

FL increased from 7000' to 5700'. RD Cutters WL. CC: \$29,844

- 6/23/95 Swab testing.  
 RIH w/5 1/2" HD pkr on 2 1/2" tbg, hydrotest tbg to 8500#. Set pkr @  
 9344' w/30,000# compression. Fill csg w/3% KCl & test pkr to  
 1000#. RU swab. Made 13 swab runs/4 1/2 hrs. Rec 57 BO, 47 BW, IFL  
 3100', FFL 8200', 16 BPH. CC: \$34,286
- 6/24/95 Prep to acidize Lower Green River.  
 Made 21 swab runs/8 1/2 hrs. Rec 96 BO, 27 BW, IFL 1800', FFL 8200',  
 oil cut 100%, 8 BPH, gas blowing slightly after each run. RD swab.  
 CC: \$37,106
- 6/25/95 SD for Sunday.
- 6/26/95 Flow testing.  
 RU Dowell. Acidize perfs @ 9453'-10,627' (246 holes) w/7500 gal  
 15% HCl w/additives, BAF, rock salt & 375 - 1.1 SG ball sealers.  
 MTP 9000#, ATP 8500#, MTR 28 BPM, ATR 22 BPM. ISIP 1850#, 15 min  
 SIP 560#. Good diversion, 453 BLTR. Flwd 7 BW/1 hr. RU swab.  
 Made 3 swab runs. Rec 37 BW. Well flwg. Flwd 145 BO, 12 BW, pH  
 5. Ran prod log over perf'd interval. CC: \$64,512
- 6/27/95 Flow testing Lower Green River perfs.  
 Flwd 308 BO, 102 BW, 150 MCF, FTP 165# on 1" chk, wtr cut 25%. CC:  
 \$70,854
- 6/28/95 Flow testing Lower Green River perfs.  
 Flwd 246 BO, 80 BW, 139 MCF, FTP 160# on 1" chk, water cut 24%.
- 6/29/95 Flow testing Lower Green River perfs.  
 Flwd 179 BO, 57 BW, 114 MCF, FTP 120# on 1" chk. Will lower pkr to  
 test lower section of perfs.

ANR PRODUCTION COMPANY  
CHRONOLOGICAL HISTORY

ELLSWORTH #1-16B4 (RECOMPLETE TO GREEN RIVER)  
ALTAMONT FIELD  
DUCHESNE COUNTY, UTAH  
WI: 78.75% ANR AFE: 00728

PAGE 6

6/30/95 Swab testing.  
Pmpd 55 bbls 3% KCl down tbg. Release pkr @ 9344'. RIH w/15 jts 2 7/8" tbg. Reset pkr @ 9814' to test interval @ 9814'-10 627'. RU swab. Made 11 swab runs. Rec 106 BW. IFL 700', FFL 1900'. CC: \$78,723

7/1/95 Swab testing.  
Made 33 swab runs. Rec 327 BO, 152 BW/11 1/2 hrs. IFL 1000', FFL 1200'. RD swab. CC: \$82,520

7/2/95 RIH w/pump & rods.  
Flwd 26 BO/1 hr. Kill well. TOOH & LD pkr. RIH w/plug, perf jt, SN, 42 jts 2 7/8", 5 1/2" TAC & 303 jts 2 7/8" tbg. Set TAC @ 9345' w/20,000# tension. SN @ 10,638'. NU WH. Prep to run pump & rods. CC: \$85,736

7/3/95 Well on pump.  
RIH w/1 1/2" pump, 9 - 1", 148 - 3/4", 137 - 7/8" & 127 - 1" rods. Space out pump. PT tbg to 500#. Too windy to RD. CC: \$87,766

7/3/95 Pmpd 55 BO, 231 BW, 8 MCF, 17 hrs.

7/4/95 Pmpd 178 BO, 242 BW, 98 MCF, 9.5 SPM. Will run dyno.

7/5/95 Pmpd 183 BO, 131 BW, 77 MCF, 9.4 SPM, 18 hrs. Down 6 hrs - repair unit. RDMO, clean location. CC: \$95,776

7/6/95 Pmpd 249 BO, 128 BW, 123 MCF, 9.4 SPM.

7/7/95 Pmpd 293 BO, 90 BW, 140 MCF.

7/8/95 Pmpd 256 BO, 73 BW, 136 MCF.

7/9/95 Pmpd 237 BO, 63 BW, 128 MCF, 9.4 SPM. Will run dyno.

7/10/95 Pmpd 207 BO, 67 BW, 127 MCF, 9.4 SPM. Ran dyno - FL @ 2000'.  
Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

**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

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

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)

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

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

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

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

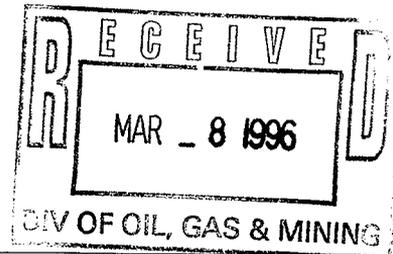
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

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



13.

Name & Signature:

*Sheila Bremer*

Sheila Bremer  
Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation Date: 03/07/96

(This space for State use only)

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:  
UT-922

April 11, 1996

### Memorandum

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

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

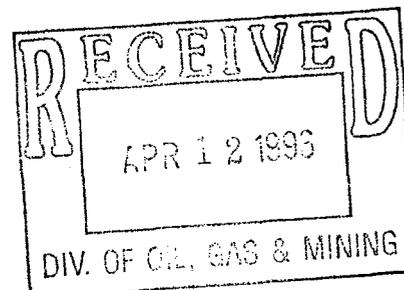
SUBJECT: Successor of Operator, Communitization Agreement's (CA) 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah

The enclosed Designation of Successor of Operators for CA's 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah, have been reviewed by this office and found to be acceptable and we recommend approval. The new operator will be Coastal Oil & Gas Corporation. Upon approval of these Successor of Operators, please return one copy to this office.

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

### Enclosures

bcc: ~~96-000100~~  
CA's (33)  
DM - Vernal  
Division Oil, Gas & Mining  
Agr. Sec. Chron.  
Fluid Chron



## memorandum

DATE: August 16, 1996

REPLY TO  
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

TO: Bureau of Land Management, Vernal District Office

We are in receipt of the Designations of Successor Operator for our approval whereby Coastal Oil & Gas Corporation was designated as the new Operator for the Communization Agreements (CA) listed on the attached sheet, Exhibit "A".

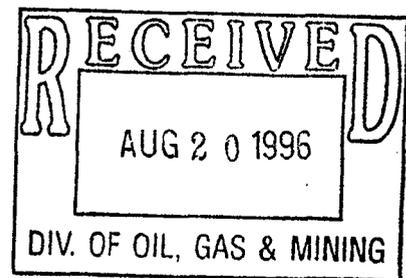
The enclosed instruments were approved on the date of this letter. Coastal's Nationwide Bond will be used to cover all operations, and plugging and abandonment of wells.

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

*Charles H. Cameron*

## Enclosures

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



## DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Numbers are listed on attached Exhibit "A"

Designation of successor Operator for communitized area, Counties of Uintah and Duchesne, State of Utah, being:

(See attached Exhibit "A" for description of Communitization Agreements)

THIS INDENTURE, dated as of the 9th day of April, 1996, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party", and the owners of communitized working interests, hereinafter designated as "Second Parties",

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective (see attached Exhibit "A") wherein ANR Production Company is designated as Operator of the communitized area; and

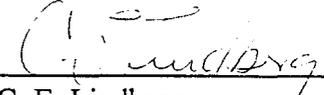
WHEREAS said, ANR Production Company has resigned as Operator, and the designation of successor operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenants and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; and said Agreement being hereby incorporated herein by referenced and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY  
COASTAL OIL & GAS CORPORATION

By:   
C. E. Lindberg  
Vice President

STATE OF COLORADO )  
 )  
COUNTY OF Denver )

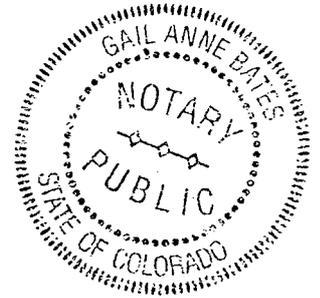
The foregoing instrument was acknowledged before me on the 9th day of April, 1996 by C. E. Lindberg, known to me to be the vice President of Coastal Oil & Gas Corporation, a Delaware corporation, on behalf of said corporation.

Given under my hand and official seal of office on this 9th day of April, 1996.

Gail Anne Bates  
Notary Public in and for the State of Colorado

My Commission Expires:

MY COMMISSION EXPIRES: May 14, 1997  
1314 W. Shepperd Ave., #203B  
Littleton, Colorado 80120



The Designation of Successor Operator is hereby approved this 16th day of August, 1996, for the Communitization Agreements listed on the attached sheet as Exhibit "A".

Charles H. Cameron  
Acting Superintendent  
BIA - Uintah & Ouray Agency

## Communitization Agreement

Well Name	Well Location	County	State	Number	Description	Acres	Effective Date
Evans Ute 2-17B3	NWSW, 17-2S-3W	Duchesne	Utah	96104	All Sec. 17-T2S-R3W	640.00	10/01/73
Miles 1-35A4	SWNE, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Miles 2-35A4	NWSW, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Brotherson 2-11B4	SESW, 11-2S-4W	Duchesne	Utah	9623	All Sec. 11-T2S-R4W	640.00	09/01/70
Brotherson 2-2B4	NESW, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Brotherson 1-2B4	SWNE, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Broadhead 1-21B6	NWNE, 21-2S-6W	Duchesne	Utah	9639	All Sec. 21-T2S-R6W	640.00	10/21/71
Ute Tribal 2-21B6	SESE, 21-2S-6W	Duchesne	Utah	9639	Sec. 21-T2S-R6W	640.00	10/21/71
Ute 1-34A4	SWNE, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Ute Brotherson 2-34A4	NWSW, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Rust 2-36A4	NESW, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/71
Ute 1-36A4	NENE, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/72
Babcock 1-12B4	SENE, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Babcock 2-12B4	SWSW, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Ellsworth 2-9B4	NESW, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Ellsworth 1-9B4	SENE, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Burton 2-15B5	NWSW, 15-2S-5W	Duchesne	Utah	9646	All Sec. 15-T2S-R5W	640.00	05/30/72
Ute 1-1B4	SENE, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Ute Jenks 2-1B4	NENW, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Tew 2-10B5	SWSW, 10-2S-5W	Duchesne	Utah	9654	All Sec. 10-T2S-R5W	640.00	09/26/72
Goodrich 1-2B3	NWSE, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Goodrich 2-2B3	NENW, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Robb 2-29B5	SESW, 29-2S-5W	Duchesne	Utah	9656	All Sec. 29-T2S-R5W	640.00	10/01/72
Ellsworth 1-16B4	NENE, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Ellsworth 2-16B4	NWSW, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Lake Fork 2-13B4	SWSW, 13-2S-4W	Duchesne	Utah	9660	All Sec. 13-T2S-R4W	640.00	10/26/72
Jessen 2-21A4	SESW, 21-1S-4W	Duchesne	Utah	9661	All Sec. 21-T1S-R4W	640.00	09/01/72
Jenkins 2-1B3	SWSW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Jenkins 1-1B3	SENE, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Birch 3-27B5	SWSW, 27-2S-5W	Duchesne	Utah	9671	All Sec. 27-T2S-R5W	640.00	01/30/73
Lazy K 2-11B3	NWNE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Rudy 1-11B3	NWSE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Brotherson 1-24B4	SWNE, 24-2S-4W	Duchesne	Utah	9674	All Sec. 24-T2S-R4W	640.00	03/13/73
Evans 2-19B3	NESW, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Evans 1-19B3	NENE, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Ute 3-12B3	SWNW, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73

Communitization Agreement

<i>Well Name</i>	<i>Well Location</i>	<i>County</i>	<i>State</i>	<i>Number</i>	<i>Description</i>	<i>Acres</i>	<i>Effective Date</i>
Jenkins 2-12B3	SENE, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73
Bleazard 2-28B4	NESW, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Ute 1-28B4	SWNE, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Murdock 2-34B5	NESW, 34-2S-5W	Duchesne	Utah	9685	All Sec. 34-T2S-R5W	640.00	02/12/73
Ute Tribal 10-13A4	NWNE, 13-1S-4W	Duchesne	Utah	9C-126	All Sec. 13-T1S-R4W	640.00	03/10/74
C.R. Aimes 1-23A4	SENE, 23-1S-4W	Duchesne	Utah	9C133	All Sec. 23-T1S-R4W	640.00	03/01/74
Ute 1-8A1E	SWNE, 8-1S-1E	Uintah	Utah	9C138	All Sec. 8-T1S-R1E	640.00	10/21/74
Ute 2-33Z2	SWSW, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Tribal 1-33Z2	SWNE, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Smith 1-30B5	NESE, 30-2S-5W	Duchesne	Utah	UT080I4987C696	All Sec. 30-T2S-R5W	609.24	06/18/81
Myrin Ranch 2-18B3	NWSW, 18-2S-3W	Duchesne	Utah	UTU70814	All Sec. 18-T2S-R3W	629.70	11/05/92
Ute Tribal 2-22B6	SESE, 22-2S-6W	Duchesne	Utah	UTU73743	Sec. 22-T2S-R6W	640.00	09/06/94
Ute 1-15B6	NWSW, 15-2S-6W	Duchesne	Utah	UTU73964	All Sec. 15-T2S-T6W	640.00	04/11/95

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

Routing: *CH*

1-LEC-7-57
2-DTS 8-FILE
3-VLD
4-NOT
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. N0675</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30192</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**

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- VA* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-29-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/~~no~~) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) 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.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files. *\* Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/~~no~~) \_\_\_\_ Today's date 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~~ in 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 chg. yet!

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
Evans Ute 2-17B3	43-013-31056	Fee 5326	Ute	96104	1701' FSL & 1474' FWL	NWSW, 17-2S-3W	Altamont	Duchesne
Miles 1-35A4	43-013-30029	Fee 1965	N/A	9618	1980' FNL & 1980' FEL	SWNE, 35-1S-4W	Altamont	Duchesne
Miles 2-35A4	43-013-31087	Fee 1966	N/A	9618	802' FWL & 1530' FSL	NWSW, 35-1S-4W	Altamont	Duchesne
Brotherson 2-11B4	43-013-31078	Fee 541	N/A	9623	944' FSL & 1643' FWL	SESW, 11-2S-4W	Altamont	Duchesne
Brotherson 1-2B4	43-013-30062	Fee 1570	N/A	9635	1478' FNL & 1459' FEL	SWNE, 2-2S-4W	Altamont	Duchesne
Brotherson 2-2B4	43-013-30855	Fee 8420	N/A	9635	1371' FSL & 1498' FWL	NESW, 2-2S-4W	Altamont	Duchesne
Broadhead 1-21B6	43-013-30100	Patented 1595	N/A	9639	540' FNL & 2610' FEL	NWNE, 21-2S-6W	Altamont	Duchesne
Ute Brotherson 2-34A4	43-013-30978	Fee 16070	N/A	9640	663' FWL & 1626' FSL	NWSW, 34-1S-4W	Altamont	Duchesne
Rust 2-36A4	43-013-31092	Fee 1577	N/A	9642	1516' FWL & 1955' FSL	NESW, 36-1S-4W	Altamont	Duchesne
Babcock 1-12B4	43-013-30104	Patented 1630	Ute	9643	2248' FNL & 1000' FEL	SENE, 12-2S-4W	Altamont	Duchesne
Babcock 2-12B4	43-013-31005	Fee 10215	N/A	9643	502' FWL & 503' FSL	SWSW, 12-2S-4W	Altamont	Duchesne
Ellsworth 1-9B4	43-013-30118	Patented 1660	N/A	9645	1444' FNL & 700' FEL	SENE, 9-2S-4W	Altamont	Duchesne
Ellsworth 2-9B4	43-013-31138	Fee 10466	N/A	9645	2976' FNL & 2543' FWL	NESW, 9-2S-4W	Altamont	Duchesne
Burton 2-15B5	43-013-31044	Fee 10210	N/A	9646	718' FWL & 1604' FSL	NWSW, 15-2S-5W	Altamont	Duchesne
Tew 2-10B5	43-013-31125	Fee 1756	N/A	9654	851' FWL & 729' FSL	SWSW, 10-2S-5W	Altamont	Duchesne
Goodrich 1-2B3	43-013-30182	Patented 1765	N/A	9655	2347' FSL & 1514' FEL	NWSE, 2-2S-3W	Bluebell	Duchesne
Goodrich 2-2B3	43-013-31246	Fee 11037	N/A	9655	678' FNL & 2235' FWL	NENW, 2-2S-3W	Bluebell	Duchesne
Robb 2-29B5	43-013-31130	Fee 10454	N/A	9656	2214' FWL & 1037' FSL	SESW, 29-2S-5W	Altamont	Duchesne
Ellsworth 1-16B4	43-013-30192	Patented 1735	Ute	9659	1301' FNL & 1101' FEL	NENE, 16-2S-4W	Altamont	Duchesne
Ellsworth 2-16B4	43-013-31046	Fee 10217	N/A	9659	1075' FWL & 1439' FSL	NWSW, 16-2S-4W	Altamont	Duchesne
Lake Fork 2-13B4	43-013-31134	Fee 10452	N/A	9660	963' FWL & 819' FSL	SWSW, 13-2S-4W	Altamont	Duchesne
Jessen 2-21A4	43-013-31256	Fee 11061	N/A	9661	702' FSL & 2182' FWL	SESW, 21-1S-4W	Altamont	Duchesne
Jenkins 1-1B3	43-013-30175	Patented 1790	N/A	9670	1807' FNL & 1888' FWL	SENE, 1-2S-3W	Bluebell	Duchesne
Jenkins 2-1B3	43-013-31117	Fee 1792	N/A	9670	803' FWL & 662' FSL	SWSW, 1-2S-3W	Bluebell	Duchesne
Birch 3-27B5	43-013-31126	Fee 1783	N/A	9671	979' FWL & 1151' FSL	SWSW, 27-2S-5W	Altamont	Duchesne
Lazy K 2-11B3	43-013-31352	Fee 11362	N/A	9672	503' FNL & 2017' FEL	NWNE, 11-2S-3W	Bluebell	Duchesne
Rudy 1-11B3	43-013-30204	Patented 1820	N/A	9672	2111' FSL & 2483' FEL	NWSE, 11-2S-3W	Bluebell	Duchesne
Brotherson 1-24B4	43-013-30229	Fee 1865	N/A	9674	1445' FNL & 1894' FEL	SWNE, 24-2S-4W	Altamont	Duchesne
Brotherson 3-23B4	43-013-31289	Fee 1141	N/A	<del>9674</del>	1177' FSL & 1112' FWL	SWSW, 23-2S-4W	Altamont	Duchesne
Evans 1-19B3	43-013-30265	Fee 1776	N/A	9678	1256' FNL & 893' FEL	NENE, 19-2S-3W	Altamont	Duchesne
Jenkins 2-12B3	43-013-31121	Fee 10459	N/A	9679	1623' FNL & 1047' FEL	SENE, 12-2S-3W	Bluebell	Duchesne
Bleazard 2-28B4	43-013-31304	Fee 11433	N/A	9681	1580' FSL & 2335' FWL	NESW, 28-2S-4W	Altamont	Duchesne
Lamicq 2-5B2	43-013-30784	Fee 2302	N/A	9683	1963' FWL & 803' FSL	SESW, 5-2S-2W	Bluebell	Duchesne
C.R. Aimes 1-23A4	43-013-30375	Fee 5675	Ute	9C133	704' FEL & 1515' FNL	SENE, 23-1S-4W	Altamont	Duchesne
Chandler 1-5B4	43-013-30140	Apr. 4-11-96 Patented 1685	Ute	NW580	2120' FNL & 1553' FEL	SWNE, 5-2S-4W	Altamont	Duchesne
Chandler 2-5B4	43-013-31000	" Fee 10075	Ute	NW580	466' FSL & 1180' FWL	SWSW, 5-2S-4W	Altamont	Duchesne
Monsen 2-27A3	43-013-31104	" Fee 1746	N/A	NW581	1801' FWL & 2008' FSL	NESW, 27-1S-3W	Altamont	Duchesne
Monsen 3-27A3	43-013-31401	" Fee 11686	N/A	NW581	850' FNL & 1520' FWL	NENW, 27-1S-3W	Altamont	Duchesne
Ute Smith 1-30B5	43-013-30521	Fee 1950	Ute	UT08014987C696	1890' FSL & 624' FEL	NESE, 30-2S-5W	Altamont	Duchesne
Bleazard 1-18B4	43-013-30059	Patented 1565	N/A	N/A	1923' FNL & 2314' FEL	SWNE, 18-2S-4W	Altamont	Duchesne
Bleazard 2-18B4	43-013-31025	Fee 1566	N/A	N/A	857' FWL & 861' FSL	SWSW, 18-2S-4W	Altamont	Duchesne
Bodero 1-15B3	43-013-30565	Fee 2360	N/A	N/A	1370' FNL & 1679' FWL	SENE, 15-2S-3W	Altamont	Duchesne
Broadhead 2-32B5	43-013-31036	Fee 10216	N/A	N/A	1686' FWL & 1116' FSL	SESW, 32-2S-5W	Altamont	Duchesne
Brotherson 1-10B4	43-013-30110	Patented 1614	N/A	N/A	2037' FNL & 2052' FEL	SWNE, 10-2S-4W	Altamont	Duchesne
Brotherson 1-14B4	43-013-30051	Patented 1535	N/A	N/A	2100' FNL & 750' FEL	SENE, 14-2S-4W	Altamont	Duchesne
Brotherson 1-22B4	43-013-30227	Fee 1780	N/A	N/A	1642' FNL & 1297' FEL	SENE, 22-2S-4W	Altamont	Duchesne
Brotherson 1-23B4R	43-013-30483	Patented 8423	N/A	N/A	747' FNL & 2380' FEL	NWNE, 23-2S-4W	Altamont	Duchesne
Brotherson 1-26B4	43-013-30336	Patented 1856	N/A	N/A	1272' FNL & 1408' FEL	NWNE, 26-2S-4W	Altamont	Duchesne
Brotherson 1-28A4	43-013-30292	Patented 1841	N/A	N/A	751' FNL & 1130' FEL	NENE, 28-1S-4W	Altamont	Duchesne

Pennsylvania

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"/> 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>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)

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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.

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JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

*David L. Siddall*  
\_\_\_\_\_  
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
BABCOCK 2-12B4 (CA 96-43)	43-013-31005	10215	12-02S-04W	FEE	OW	P
MYRIN RANCH 1-13B4 (CA 96-60)	43-013-30180	1775	13-02S-04W	FEE	OW	S
LAKE FORK 2-13B4 (CA 96-60)	43-013-31134	10452	13-02S-04W	FEE	OW	P
BROTHERSON 1-14B4	43-013-30051	1535	14-02S-04W	FEE	OW	P
BROTHERSON 2-14B4	43-013-30815	10450	14-02S-04W	FEE	OW	P
BROTHERSON 2-15B4	43-013-31103	1771	15-02S-04W	FEE	OW	P
LAKE FORK 3-15B4	43-013-31358	11378	15-02S-04W	FEE	OW	P
<b>ELLSWORTH 1-16B4</b> (CA 96-59)	43-013-30192	1735	16-02S-04W	FEE	OW	P
ELLSWORTH 2-16B4 (CA 96-59)	43-013-31046	10217	16-02S-04W	FEE	OW	P
ELLSWORTH 1-17B4	43-013-30126	1695	17-02S-04W	FEE	OW	P
ELLSWORTH 2-17B4	43-013-31089	1696	17-02S-04W	FEE	OW	P
BLEAZARD 1-18B4	43-013-30059	1565	18-02S-04W	FEE	OW	S
BLEAZARD 2-18B4	43-013-31025	1566	18-02S-04W	FEE	OW	P
ELLSWORTH 1-19B4	43-013-30183	1760	19-02S-04W	FEE	OW	P
ELLSWORTH 2-19B4	43-013-31105	1761	19-02S-04W	FEE	OW	P
ELLSWORTH 1-20B4	43-013-30351	1900	20-02S-04W	FEE	OW	S
ELLSWORTH 2-20B4	43-013-31090	1902	20-02S-04W	FEE	OW	S
ELLSWORTH 3-20B4	43-013-31389	11488	20-02S-04W	FEE	OW	P
HUNT 1-21B4	43-013-30214	1840	21-02S-04W	FEE	OW	P
HUNT 2-21B4	43-013-31114	1839	21-02S-04W	FEE	OW	S

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/05/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/05/2001

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**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 7-26-01

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

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**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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

<b>ROUTING</b>
1. DJJ
2. CDW

Change of Operator (Well Sold)

**X Operator Name Change**

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
<b>FROM: (Old Operator):</b> N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	<b>TO: ( New Operator):</b> N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
<b>CA No.</b>	<b>Unit:</b>

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_
- (R649-9-2) Waste Management Plan has been received on: \_\_\_\_\_ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved  
 The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

**COMMENTS:**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER: <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"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <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.

			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</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>Ellsworth 1-16B4</b>
2. NAME OF OPERATOR: <b>EL PASO E&amp;P COMPANY, L.P.</b>			9. API NUMBER: <b>4301330192</b>
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900    CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		PHONE NUMBER: <b>(303) 291-6475</b>	10. FIELD AND POOL, OR WILDCAT: <b>Altamont</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1801' FNL, 1101' FEL</b>			COUNTY: <b>Duchesne</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 T2S R4W</b>			STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input 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: <b>Surface Meter</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<b>Commingle</b>

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 Ellsworth 1-9B4 API# 43-013-30118

NAME (PLEASE PRINT) <u>Rachae 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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</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.		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>Ellsworth 1-16B4</b>	
2. NAME OF OPERATOR: <b>EL PASO E&amp;P COMPANY, L.P.</b>	9. API NUMBER: <b>4301330192</b>	
3. ADDRESS OF OPERATOR: <b>1099 18TH ST, SUITE 1900</b> CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 291-6417</b>	10. FIELD AND POOL, OR WILDCAT: <b>Altamont</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1801' FNL, 1101' FEL</b>		COUNTY: <b>Duchesne</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SENE 16 T2S R4W</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: <b>10/29/2009</b>	<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>
	<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 SUBJECT WELL AND ELLSWORTH 1-9B4 (4301330118) UTILIZE SEPARATE TREATERS WITH THEIR OWN ORIFICE METER GAS CHARTS AND THEN SHARE THE SAME GAS SALES METER. THE ORIFICE METER GAS CHARTS AT EACH TREATER ARE FOR ALLOCATION PURPOSES ONLY. OIL & WATER PRODUCTION VOLUMES ARE TAKEN FROM OIL AND WATER METERS WITHIN THE TREATER.

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>10/29/2009</u>

(This space for State use only)

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

DATE: 11/30/09 (See Instructions on Reverse Side)

BY: *D. S. [Signature]*

(5/2000)

**RECEIVED**

**NOV 09 2009**

DIV. OF OIL, GAS & MINING

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

**ROUTING**  
**CDW**

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

**Operator Name Change/Merger**

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

**6/1/2012**

<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
--	---

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: <b>Change of Name/Operator</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Please be advised that El Paso 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)

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	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ELLSWORTH 1-16B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301920000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1801 FNL 1101 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>4/2/2013</b>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Please see attachment for procedure

**Approved by the Utah Division of Oil, Gas and Mining**

**Date:** April 04, 2013

**By:** *Debra K. Quist*

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/1/2013	

**Ellsworth 1-16B4**

**Acid Job**

API #: 43-013-30192

Sec. 16, T2S – R4W

Altamont/Bluebell Field

Duchesne County, Utah

Summary Prog

- POOH w/rods, pump, tubing & tubing anchor.
- TIH w/ 5-1/2" 17# RBP & test pack. Set RBP @ 9,400'. Test RBP. Test backside. Isolate & repair casing leaks if pressure test fails.
- Pump 75,000 gal 15% HCl on perfs from 9,450'-10,630'.
- RIH w/ tubing, tubing anchor, pump & rods.
- RDMO WO rig. Clean location



GARY R. HERBERT  
Governor  
SPENCER J. COX  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 3, 2014

Thomas Iglehart  
EP ENERGY E&P COMPANY, L.P.  
1001 Louisiana  
Houston, TX 77002

RE: Designation of Workover or Recompletion, Form 15.

Dear Thomas Iglehart,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the ELLSWORTH 1-16B4 well (43013301920000). Total expenses in the amount of \$ 252910.82 were submitted for the Production Enhancement work that commenced on December 5, 2013 and was completed on December 31, 2013.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 252910.82.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet  
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure  
Operator file

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

FORM 15

AMENDED REPORT

Original Filing Date: 3/25/2014

**DESIGNATION OF WORKOVER OR RECOMPLETION**

<b>1. Name of Operator</b> EP ENERGY E&P COMPANY, L.P.	<b>2. Utah Account Number</b> 83850.0	<b>5. Well Name and Number</b> ELLSWORTH 1-16B4
<b>3. Address of Operator</b> State    Zip 1001 Louisiana Houston TX 77002	<b>4. Phone Number</b> 713 997-5038	<b>6. API Number</b> 4301330192
<b>9. Location of Well</b>  Footage: 1801 FNL 1101 FEL      County: DUCHESNE QQ, Sec, Twnp, Rnge:    SENE 16 020S 040W      State : UTAH		<b>7. Field Name</b> ALTAMONT
		<b>8. Field Code Number</b> 55

**COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.**

<b>10. TYPE OF WORK (Check all that apply)</b> <input checked="" type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input type="checkbox"/> Convert to injection <input checked="" type="checkbox"/> Repair well	<b>11. WORK PERIOD</b> Date work commenced: 12/5/2013 <b>84 Days From</b> Date work completed: 12/31/2013 <b>Completion</b>
---	---

**12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:**

<u>Description Of Work</u>	<u>Expenses</u>	<u>Approved By State</u>
a. Location preparation and cleanup	353.00	353.00
b. Move-in, rig-up, and rig-down (including trucking)	3445.00	3445.00
c. Rig charges (including fuel)	109630.11	109630.11
d. Drill pipe or other working string	0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)	16390.75	16390.75
f. Equipment purchase	25044.14	25044.14
g. Equipment rental	32769.01	32769.01
h. Cementing	30058.58	30058.58
i. Perforating	2877.50	2877.50
j. Acidizing	0.00	0.00
k. Fracture stimulation	0.00	0.00
l. Logging services	0.00	0.00
m. Supervision and overhead	22477.73	22477.73
n. Other (itemize)	9865.00	9865.00
Swabbing	0.00	0.00
	0.00	0.00
	0.00	0.00
	0.00	0.00
o. Total submitted expenses	252910.82	
p. Total approved expenses (State use only)		252910.82

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date: June 03, 2014**

**By:**



**13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.**

Contractor	Location (City, State)	Services Provided
HOT OIL EXPRESS INC	Roosevelt Utah	Water
WEATHERFORD US LP	Roosevelt Utah	Equipment Rental
HALLIBURTON ENERGY SERVICES	Vernal Utah	Cementing

**14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.**

Name	Address	Utah Account No.	Percent of Interest
------	---------	------------------	---------------------

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

**NAME (PLEASE PRINT)** Thomas Iglehart

**TITLE** Senior Accountant

**PHONE** 713 997-2791

**SIGNATURE** Thomas Iglehart

**DATE** March 25, 2014

**E-MAIL** thomas.iglehart@epenergy.com

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

FORM 15  
 AMENDED REPORT  
 Original Filing Date:

**DESIGNATION OF WORKOVER OR RECOMPLETION**

1. Name of Operator EP Energy E&P Company, LP	2. Utah Account No.: N3850	5. Well Name & Number.: ELLSWORTH 1-16B4
3. Address of Operator 1001 Louisiana Houston, TX 77002	4. Phone No. (713) 997-2791	6. API No. 43-013-30192
9. Location of Well: Footage: 1801 FNL 1101 FEL County DUCHESNE QQ, Section, Township, Range SENE 0016 2S 4W State UTAH		7. Field Name ALTAMONT
		8. Field Code No. 055

**COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.**

10. TYPE OF WORK (Check all that apply) <input checked="" type="checkbox"/> Production Enhancement <input type="checkbox"/> Recompletion <input type="checkbox"/> Convert to injection <input checked="" type="checkbox"/> Repair Well	11. WORK PERIOD Date work commenced 12/05/2013 Date work completed 12/31/2013
--	---

12. THE FOLLOWING EXPENSES FOR OPERATIONS ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES

	Expenses	Approved by State
a. Location preparation and cleanup	353.00	
b. Move-in, rig-up and rig-down (including trucking)	3445.00	
c. Rig Charges (including fuel)	109630.11	
d. Drill pipe or other working string		
e. Water and chemicals for circulating fluid (including water hauling)	16390.75	
f. Equipment purchase	25044.14	
g. Equipment rental	32769.01	
h. Cementing	30058.58	
i. Perforating	2877.50	
j. Acidizing		
k. Fracture stimulation		
l. Logging services		
m. Supervision and overhead	22477.73	
n. Other(Itemize) Swabbing	9865.00	
_____		
_____		
o. Total submitted expenses	252910.82	
p. Total approved expenses (State use only)		

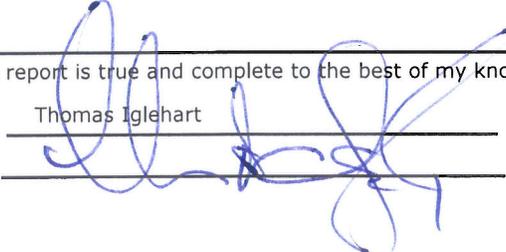
13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000

Contractor	Location (City, State)	Services Provided
HALLIBURTON ENERGY SERVICES	VERNAL, UTAH	Cementing
HOT OIL EXPRESS INC	ROOSEVELT, UTAH	Water
WEATHERFORD US LP	ROOSEVELT, UTAH	Equipment Rental

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT

Name	Address	Utah Account No.	Percent of Interest

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

Name (Please Print) Thomas Iglehart Title: Accountant  
 Signature:  Date: 3/25/2014

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: FEE																														
<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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME:																														
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ELLSWORTH 1-16B4																															
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301920000																															
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT																														
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1801 FNL 1101 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 02.0S Range: 04.0W Meridian: U	COUNTY: DUCHESNE  STATE: UTAH																															
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/2/2013  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<b>TYPE OF ACTION</b>  <table style="width:100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Please see attachment for procedure																																
		Approved by the Utah Division of Oil, Gas and Mining  Date: April 04, 2013 By: <u>Derek Duff</u>																														
NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst																														
SIGNATURE N/A	DATE 4/1/2013																															

Tax Credit Number: 49169 API Well Number: 43013301920000

Sundry Number: 36039 API Well Number: 43013301920000

**Ellsworth 1-16B4**

**Acid Job**

API #: 43-013-30192

Sec. 16, T2S – R4W

Altamont/Bluebell Field

Duchesne County, Utah

Summary Prog

- POOH w/rods, pump, tubing & tubing anchor.
- TIH w/ 5-1/2" 17# RBP & test pack. Set RBP @ 9,400'. Test RBP. Test backside. Isolate & repair casing leaks if pressure test fails.
- Pump 75,000 gal 15% HCl on perms from 9,450'-10,630'.
- RIH w/ tubing, tubing anchor, pump & rods.
- RDMO WO rig. Clean location

RECEIVED: Apr. 01, 2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: 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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: ELLSWORTH 1-16B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		9. API NUMBER: 43013301920000
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1801 FNL 1101 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 02.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/31/2013  <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 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 checked="" 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.		
<p>Tested casing to 500 psi for 5 minutes - good test. Bled casing off. Pressure tested casing from 9362' to surface to 1500 psi for 15 minutes, good test and bled off. Set CBP @ 9020'. Shot 4 holes @ 9010'-9011'. Pumped cement 360 sx class G (15.8 ppg &amp; 1.15 yield) &amp; displaced down tubing. Pressure tested casing to 1500 psi with a 500 psi leak off in 8 minutes. Bled casing off. Mixed &amp; spotted 25 sx class G (16.5 ppg &amp; 1.05 yield) balanced plug. Pressure tested casing to 1700 psi displacing 3 bbls of cement into holes @ 9010 holding 1700 psi. Drilled up cement. Tagged CBP @ 9040'. Pressure tested casing @ 1500 psi for 15 minutes and had no loss. Drilled CBP. EOT @ 10652'.</p>		
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 3/24/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ELLSWORTH 1-16B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301920000
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 1801 FNL 1101 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 16 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>9/10/2014</b>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Acidize with 15000 gallons.

**Approved by the**  
**September 04, 2014**  
**Oil, Gas and Mining**

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

**By:** *Dark Duff*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 9/4/2014	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<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>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EP ENERGY E&P COMPANY, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana , Houston, TX, 77002		<b>8. WELL NAME and NUMBER:</b> ELLSWORTH 1-16B4
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1801 FNL 1101 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENE Section: 16 Township: 02.0S Range: 04.0W Meridian: U		<b>9. API NUMBER:</b> 43013301920000
<b>PHONE NUMBER:</b> 713 997-5038 Ext		<b>9. FIELD and POOL or WILDCAT:</b> ALTAMONT
<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"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/15/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
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	<input type="checkbox"/> FRACTURE TREAT	
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	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Acidized with 15000 gals. See attached for details.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          November 17, 2014</b>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/13/2014	

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, POOH W/ RODS 6 AM HOT OILER PUMP 100 BBLS 2% KCL @ 200 DEG DOWN CSG. R/U TO TBG, PSI TEST TO 1000#, GOODTEST.
	7:30 8:00	0.50	WOR	18		P		( MIRU LAST NIGHT ) L/D POLISH ROD, UNSEAT PUMP, L/D SUBS, PULL UP 3-1" RODS, CLOSE RATIGAN.
	8:00 9:00	1.00	WOR	18		P		HOT OILER FLUSH TBG W/ 70 BBLS 2% KCL @ 200 DEG
	9:00 11:30	2.50	WOR	39		P		POOH W/ 92-1" EL RODS, 138-7/8" EL RODS, 170-3/4" EL RODS, L/D 18-1" EL RODS & PUMP. HOT OILER FLUSHING AS NEEDED.
	11:30 13:00	1.50	WOR	16		P		X/O TO TBG EQUIP, TIE BACK SINGLE LINE,N/D WH,STRIP ON N/U BOPS, R/U FLOOR & TBG TONGS, RELEASE TAC
	13:00 16:30	3.50	WOR	39		P		POOH W/ 334 JTS 2 7/8" N-80 TBG, 7" TAC, 4 JTS 2 7/8" N-80 TBG, 2 7/8" SEAT NIPPLE, 2'-2 7/8" TBG SUB. 3 1/2" PBGA, 2 JTS 2 7/8" N-80 TBG, 2 7/8" SOLID PLUG. ( BTM MUD JT FULL OF FILL )
	16:30 18:00	1.50	WOR	39		P		P/U & RIH TALLYING W/ 4 3/4" BIT, 5 1/2" CSG SCRAPER, 60 JTS 2 7/8" N-80 TBG, EOT 1890', TBG SHUT IN, CSG TO SALES, SDFN.  2% KCL PUMPED = 230 BBLS DIESEL USED = 88 GAL PROPANE USED = 175 GAL
10/11/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, TIH W/ TBG 100# SICP & FCP, BLEED OFF
	7:30 10:30	3.00	WOR	39		P		EOT @ 1890', CONT IN HOLE W/ 278 JTS 2 7/8" N-80 PROD TBG, P/U 5 JTS 2 7/8" N-80 NEW TBG, TAG @ 10665' SLMD, POOH W/ 4 JTS 2 7/8" N-80 NEW TBG. ( NOTE, LINER TOP @ 5389', SLMD, 5367', WLD )
	10:30 18:00	7.50	WOR	39		P		MIRU PRS TBG SCANNERS, SCAN OOH W/ 338 JTS 2 7/8" N-80 TBG. 67 YELLOW 83 BLUE 188 RED LAID DOWN ALL BLUE & RED BAND. L/D BIT & SCRAPER. ( HOT OILER FLUSHING AS NEEDED ) CSG TO SALES, SDFN  2% KCL PUMPED = 75 BBLS DIESEL USED = 88 GAL PROPANE USED = 25 GAL
10/12/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, HYDROTESTING TUBING. 100# FCP, BLEED OFF.
	7:30 10:00	2.50	WOR	39		P		MIRU FOUR STAR HYDROTESTER, P/U & RIH W/ 5 1/2" PACKER & PLUG, HYDROTEST IN W/ 67 JTS 2 7/8" YELLOW BAND TBG, R/D HYDROTESTER. NO LEAKS
	10:00 11:00	1.00	WOR	18		P		SET UP HYDRAULIC CATTWLK, PIPE RACKS, UNLOAD & TALLY TBG.
	11:00 16:00	5.00	WOR	38		P		CONT IN HOLE P/U 222 JTS NEW 2 7/8" N-80 TBG, SET PLUG @ 9400', L/D 1 JT SET PLUG @ 9365'.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	16:00 19:00	3.00	WOR	08		P		HOT OILER R/U TO TBG, FILL TBG W/ 50 BBLS TEST PACKER & PLUG TO 1000 PSI, 15 MIN 0 LOSS. R/U TO CSG, FILL W/ 200 BBLS, PSI TEST PACKER & CSG TO 500#, 15 MIN 0 LOSS, RELEASE PACKER, P/U 1 JT RELEASE PLUG. EOT @ 9427', TBG SHUT IN CSG TO SALES, SDFN  2% KCL PUMPED = 300 BBLS DIESEL USED = 88 GAL
10/14/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, PUMPING ACID 200# SITP & FCP, BLEED OFF
	7:30 10:00	2.50	WOR	39		P		EOT @ 9400', RIH P/U NEW TBG W/ 38 JTS 2 7/8" N-80 TBG, SET PLUG @ 10635' SLMD, POOH W/ 11 JTS, SET PKR @ 10270'
	10:00 12:30	2.50	STG01	35		P		R/U BAKER PUMPING SVS, HSM, PUMPING ACID PERFS FROM 10280'- 10627' PSI TEST PUMP LINES TO 6500# PUMP 50 BBLS CHEM PAD, 3750 GAL 15% HCL, DROP 100 BIO BALLS, PUMP 3750 GAL 15% HCL, FLUSH W/ 78 BBLS 2% KCL ISIP = 0 WENT ON VACUUM  AVG RATE= 5.6 BBLS MIN MAX RATE= 9 BBLS MIN AVG PSI= 3455 # MAX PSI= 4500 #
	12:30 13:30	1.00	WOR	39		P		RELEASE PACKER @ 10270', RIH W/ 11JTS 2 7/8" N-80 TBG, LATCH ON & RELEASE PLUG, POOH W/ 11 JTS SET PLUG @ 10270', POOH W/ 15 JTS 2 7/8" N-80 TBG SET PACKER @ 9762',
	13:30 15:30	2.00	STG02	35		P		R/U BAKER PUMPING SVCS, PSI TEST LINES TO 6500# PERFS 9785'-10253' PUMP 50 BBLS CHEM PAD, 3750 GAL 15% HCL, DROP 100 BIO BALLS, PUMP 3750 GAL 15% HCL, FLUSH W/ 78 BBLS 2% KCL ISIP = 0 WENT ON VACUUM  AVG RATE= 8.2 BBLS MIN MAX RATE= 11.9BBLS MIN AVG PSI= 2950 PSI MAX PSI= 3615 PSI
	15:30 16:30	1.00	WOR	39		P		RELEASE PACKER @ 9762', RIH W/ 15 JTS 2 7/8" N-80 TBG, LATCH & RELEASE PLUG @ 10270'
	16:30 18:00	1.50	WOR	39		P		POOH W/ 160 JTS 2 7/8" N-80 TBG, EOT @ 5070'. TBG SHUT IN, CSG TO SALES, SDFN.  2% KCL PUMPED = 550 BBLS DIESEL USED = 88 GAL
10/15/2014	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION, HSM, TOOH W/ TBG 400# SITP & FCP, BLEED OFF.
	7:30 9:30	2.00	WOR	39		P		EOT @ 5070', FIN POOH W/ 156 JTS 2 7/8" N-80 TBG, L/D PLUG & PACKER.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	9:30 13:30	4.00	WOR	39		P		<p>P/U &amp; RIH W/ 2 7/8" SOLID PLUG, 2 JTS 2 7/8" N-80 TBG ( MUD JTS ), 3 1/2" PBGA W/ DIP TUBE, 2'-2 7/8" TBG SUB, 2 7/8" SEAT NIPPLE, 6'-2 7/8" N-80 TBG SUB, 4 JTS 2 7/8" N-80 TBG, 5 1/2" TAC W/ CARB SLIPS, 318 JTS 2 7/8" N-80 TBG.INSTALL TBG SUB BELOW HANGER, SET TAC @ 10368.92' W/ 25K TENSION.LAND ON HANGER.</p> <p>TUBING DETAIL  KB = 22.00'  STRETCH = 4.75'  318 JTS 2 7/8" N-80 TBG = 10342.17'  5 1/2" TAC W/ CARBIDE SLIPS = 2.73'  4 JTS 2 7/8" N-80 TBG = 124.64'  6'-2 7/8" N-80 TBG SUB = 6.27'  2 7/8"+45 SEAT NIPPLE = 1.10'  2'- 2 7/8" N-80 TBG SUB = 2.27'  4 1/2" PBGA W/ DIP TUBE = 32.28'  2 JTS 2 7/8" N-80 TBG ( MUD JTS ) = 62.70'  2 7/8" SOLID PLUG = 1.10'</p> <p>-----  EOT @ 10602.01"  -----  5 1/2" TAC @ 10368.92'  2 7/8" SEAT NIPPLE @ 10502.56'</p>
	13:30 15:00	1.50	WOR	16		P		N/D BOPS, UNLAND TBG REMOVESUBS & HANGER, INSTALL 5K B- FLANGE, LAND TBG, N/U B-FLANGE, HOOK UP FLOWLINE., X/O TO ROD EQUIP, TIE BACK DOUBLE LINE.
	15:00 18:00	3.00	WOR	39		P		<p>P/U &amp; RIH W/ 2 5/16" OS, 170-3/4" RODS SLK &amp; DOUBLE PLUS GUIDES, POOH L/D 170-3/4" RODS &amp; OS. ( 3/4" RODS WERE MOSTLY SLICK &amp; BUSTED GUIDES, CHANGING OUT TAPER ). TBG SHUT IN CSG TO SALES, SDFN.</p> <p>2% KCL PUMPED = 50 BBLS  DIESEL USED = 88 GAL</p>
10/16/2014	6:00 7:30	1.50	WOR	28		P		<p>TRAVEL TO LOCATION, HSM , P/U RODS  200# SITP &amp; FCP, BLEED OFF  HOT OILER FLUSH CSG W/ 70 BBLS 2% KCL @ 200 DEG, SPOT  10 GAL CORROSION INHIBITOR</p>
	7:30 15:00	7.50	INARTLT	03		P		<p>P/U &amp; PRIME WALS 2 1/2" X 1 1/2" X36' RHBC PUMP, RIH W/ 9- 1 1/2" K-BARS  173 - 3/4" EL RODS W/G ( NEW TAPER )  138-7/8" EL RODS W/G, ( L/D 60 SLK, 14 W/ BAD GUIDES, P/U 74 NEW W/G ON TOP OF TAPER )  95-1" EL RODS SLK, ( TOP 4 NEW)  SPACE W/ 1" PONY RODS = 1-2', 2-4', 1-6'  P/U 1 1/2" X 36' POLISH ROD, HANG OFF</p>
	15:00 16:00	1.00	WOR	08		P		<p>HOT OILER FILL TBG W/ 45 BBLS 2% KCL, PSI TEST TO 500#, STROKE TEST TO 1000# ( GOOD TEST ), PUMP 20 BBLS 2% KCL @ 200 DEG ACROSS FLOWLINE</p>
	16:00 18:00	2.00	WOR	18		P		<p>RDMO, SLIDE ROTAFLEX IN, CHECK PUMP, NO TAG, GOOD PUMP ACTION.  TWOTO.  CLEAN LOCATION, MOVE TO 4-26B4</p> <p>2% KCL PUMPED = 200 BBLS  DIESEL USED = 88 GAL  PROPANE USED = 75 GAL</p>

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