

FILE NOTATIONS

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

Checked by Chief
Approval Letter
Disapproval Letter

Rob
1-29-77

COMPLETION DATA:

Date Well Completed *11-3-77*
OW..... ✓ WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log..... ✓
Electric Logs (No.) ✓
E..... I..... Dual I Lat..... GR-N..... Micro.....
Sonic GR..... Lat..... MI-L..... Sonic.....
SBLog..... CCLog..... Others.....

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

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brotherson

9. WELL NO.
1-28A4

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

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA
NE/4 NE/4 Section 28-T1S-R4W

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Shell Oil Company

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
751' FNL and 1130' FEL, Section 28-T1S-R4W
At proposed prod. zone *SWNE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx 1 mi from Boneta

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

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

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

19. PROPOSED DEPTH
16,000

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6518' Ungraded GL

22. APPROX. DATE WORK WILL START*
February 15, 1974

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	68#	300' ±	To sfc
12-1/4"	9-5/8"	40#	7,000' ±	Bottom 1500' w/400 sx
8-3/4"	7"	26#	12,700' ±	Bottom 1500'
6-1/8"	5" liner	18#	16,000' ±	Entire liner length

Attached are survey plats and Summary of Mud System Monitoring Equipment, BOPE and Drilling Fluids.

139.2/139.9

VERBAL APPROVAL TO DRILL 11/9/73 (RECONFIRMED 1/11/74)

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 J.S. Meyer TITLE Division Operations Engr. DATE 1/24/74

(This space for Federal or State office use)

PERMIT NO. 43-013-30292 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

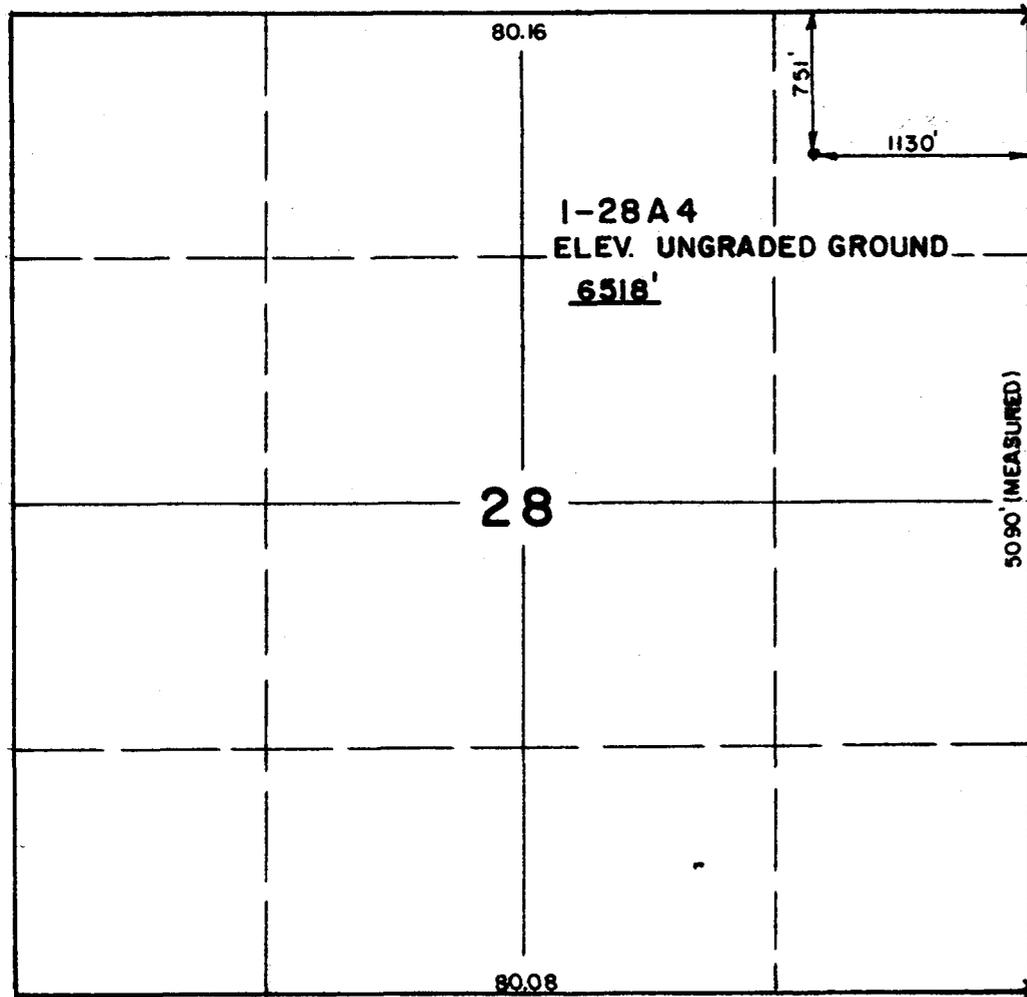
CONDITIONS OF APPROVAL, IF ANY:

PROJECT

T 1 S, R 4 W, U.S.M.

SHELL OIL COMPANY

WELL LOCATION 1-28A4, LOCATED
AS SHOWN IN THE NE 1/4 NE 1/4
SECTION 28, T 1 S, R 4 W, U.S.M.,
DUCHESE 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

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

X = SECTION CORNERS USED

SURVEY PERFORMED 30 OCT., 1973

SCALE 1" = 1000'	DATE 6 NOV., 1973
PARTY DA RR DH	REFERENCES G L O PLAT
WEATHER FAIR	FILE

Mud System Monitoring Equipment

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

BOP Equipment

300' - TD - 3-ram type BOP's and 1 bag type
5000# working pressure

Tested when installed. Operative every trip and tested to 5,000 psi every 14 days. All information recorded on Tour Sheets and daily drilling wire.

Mud

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

10,000' - TD - Weighted gel chemical

January 29, 1974

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Brotherson #1-28A4,
Sec. 28, T. 1 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.

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

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

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

The API number assigned to this well is 43-013-30292.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brotherson

9. WELL NO.

1-28A4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

NE/4 NE/4 Section 28-T1S-R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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. RESRV. Other _____

2. NAME OF OPERATOR
Shell Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 751' FNL and 1130' FEL Section 28
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30292 DATE ISSUED 1/29/74

15. DATE SPUDED 3/4/74 16. DATE T.D. REACHED 5/12/74 17. DATE COMPL. (Ready to prod.) 7/3/74 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6547 KB, 6518 GL 19. ELEV. CASINGHEAD 6513'

20. TOTAL DEPTH, MD & TVD 16,000 21. PLUG BACK T.D., MD & TVD 15,837 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
Total -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 14,519-15,804 (gross interval) 25. WAS DIRECTIONAL SURVEY MADE No

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68#	303'	17-1/2"	500 cu ft	0
9-5/8"	40#	7,000'	12-1/4"	1005 cu ft	0
7"	26#	12,748'	8-3/4"	1237 cu ft	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	PACKER CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	12,543.47	16,000	1025 cu ft	-	2-7/8"	12,594	5" @ 12,590 and 7" @ 12,523

31. PERFORATION RECORD (Interval, size and number) 14,519-15,804 (62 holes) (See attached)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
14,519-15,804	16,500 gal 15%

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7/4/74	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/24/74	24	14/64	→	350	285	0	814
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
550 psi	0	→	350	285	0	435	

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

35. LIST OF ATTACHMENTS Well History Report

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

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

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

3/5/74 - 7/25/74

UTAH
ALTAMONT

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'

"FR" 300/77/1/300. Drilling.
Located 751' FNL and 1130' FEL NE/4 NE/4 Section 28-
T1S-R4W, Duchesne County, Utah.
Shell's Share: 60.23313% (includes 8.62981% carried
and unleased interests)
This well is being drilled for routine development.
Spudded 17½" hole at 9 AM, 3/4/74. Dev: 1/4 deg at
105'. Thawed standpipe 3 hrs. Lost circ, repaired
leaks and mixed vol. MAR 5 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

310/77/2/10. Nippling up. Circ, round tripped,
and circ. Ran 8 jts (323') of 13-3/8" 68#, K-55,
ST&C csg to 303 - would not wash down. With 20 BW
ahead, cmtd w/500 cu ft Class "G" w/3% CaCl2. Dis-
placed w/wtr. Left 6 bbls (40') cmt in csg. Had
full returns throughout job w/cmt to sfc. CIP at
3:30 PM, 3/5/74. MAR 6 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

660/77/3/350. Drilling. Finished nippling up BOP's.
Changed out Hydromatic and Shaffer rubber seal.
Drld 36' of cmt and started drlg new hole.
Mud: wtr MAR 7 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

2005/77/4/1345. Drilling. Tripped for new bit at
1207. Dev: 2 deg at 1207.
Mud: (.436) 8.4 x 27 MAR 8 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

3/9: 2933/77/5/928. Tripping for bit. Dev: 2 deg at
2163. Tripped for bit at 2163.
Mud: Wtr
3/10: 3571/77/6/638. Tripping for bit. Dev 1/2 deg at
3571. Laid down 3 jts HWDP w/washed out boxes.
Mud: Wtr
3/11: 4250/77/7/679. Drilling. Worked pipe 1-1/2 hrs
on tight hole. Sweeping hole every 8 hrs. MAR 11 1974
Mud: Wtr

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

4718/77/8/468. Drilling. Pulled out of hole for
washout in HWDP. Found washout 6 jts above DC.
Mud: Wtr

MAR 13 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

5250/77/9/532. Drilling. Sweeping hole every 8 hrs.
Mud: Wtr

MAR 13 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

5765/77/10/515. Drilling.
Mud: Wtr

MAR 14 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

6090/77/11/325. Drilling. Dev: 1-3/4 deg @ 5770.
Tripped for bit @ 5770. Washed 120' to btm.
Mud: Wtr

MAR 15 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
13-3/8" csg @ 303'

3/16: 6233/77/12/143. Changing out DC's. Twisted
off leaving 8 DC's, shock sub and bit in hole. Worked
DP up 60' 2-3/4 hrs - no fill. Pulled out w/fish and
laid down same, checking DC's.

Mud: Wtr

3/17: 6540/77/13/307. Drilling. Picked up, washed
and magnafluxed DC's. Tripped in and resumed drlg.

Mud: Wtr

3/18: 6976/77/14/436. Drilling.

Mud: Wtr

MAR 18 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

7000/77/15/24. Nippling up 9-5/8" csg. Sptd 150 bbls
8.9 x 44 vis mud on btm and made SLM out of hole, OK.
Ran 83 jts (3634') 9-5/8" LT&C and 775 jts (3361') K-55
ST&C w/Howco float and shoe. Shoe @ 7000'. Cmtd w/675
cu ft B-J Lite followed by 330 cu ft Class "G". Set
slips and cut of csg. Started nippling up.

MAR 19 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

7056/77/16/56. Drilling. Finished nipping up.
Top of cmt at 6898. Drld plug and cmt. Tested
csg to 2000 psi.
Mud: Wtr

MAR 20 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

7666/77/17/610. Drilling.
Mud: Wtr

MAR 21 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

8070/77/18/404. Drilling.. Tripped for new bit at
7669. Washed to btm.
Mud: Wtr

MAR 22 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

3/23: 8336/77/19/266. Drilling. Tripped out looking
for washout. Inspected HWDP. Found washout 1 jt
above DC's and found X-over pin cracked. Changed bit
at 8307. Washed and reamed to btm.

3/24: 9024/77/20/688. Drilling. Bullheaded 400 sx
B-J Lite between 9-5/8" x 13-3/8" csg.

3/25: 9470/77/21/446. Drilling. Dev: 3 deg at 9156.
Mud: Wtr

MAR 25 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

9945/77/22/475. Drilling. Dev: 3-1/2 deg at 9474.
Tripped for bit at 9474.
Mud: Wtr

MAR 26 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

10,730/77/23/785. Drilling.
Mud: Wtr

MAR 27 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherston 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

11,104/77/24/374. Drilling. Tripped for new bit at
10,753. Washed 40' to btm. Dev: 4 deg at 10,760.
Mud: Wtr

MAR 28 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherston 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

11,330/77/25/226. Tripping in w/new bit. Dev: 4 deg
at 11,166. Changed bits at 11,166 and 11,330. Bit
plugged - could not unplug. Pulled sash cord in jets.
Washed to btm.
Mud: Wtr

MAR 28 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherston 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

3/30: 11,765/77/26/435. Drilling. Drld to 11,735
w/wtr. Logged 600 unit gas show. Drld to 11,765 w/
gas still logged. Bit started to slow. SI well while
cond mud to displace hole to pull "green oil shows".
Mud: Wtr

3/31: 11,838/77/27/73. On chk. Flowline plugged w/
black oil. Put well on chk to circ out. No DP press,
400 psi on annulus. Incr mud wt to 9.4-9.5 ppg.
Trip Gas: 250 units. Background gas: 80 units.
Mud: (.473) 9.1+ x 35

4/1: 11,975/77/28/137. Drilling. On chk 7-3/4 hrs.
Background gas: 150 units. Connection gas: 260 units.
Mud: (.494) 9.5 x 34 x 10.6 (3% oil)

APR 1 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherston 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

12,094/77/29/119. Tripping in w/new bit. Lost
50 bbls mud last 24 hrs.
Mud: (.499) 9.6 x 35 x 10.2

APR 2 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherston 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

12,154/77/30/60. Reaming at 11,225. Tripped for bit
at 12,154. Washed and reamed from 11,125-11,225.
Background gas: 50 units. Trip gas: 325 units. Mud
cutting to 9.3 ppg.
Mud: (.499) 9.6 x 35 x 10.2 (3% oil)

APR 8 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

12,285/77/31/131. Drilling. Raised mud wt to 9.8 ppg
at 11,250. Washed and reamed from 11,125-12,154.
Background gas: 60 units. Connection gas: 120 units.
Trip gas: 300 units.
Mud: (.509) 9.8 x 36 x 4.2 (2% oil)

APR 4 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

12,470/77/32/185. Drilling. Background gas: 25 units.
Connection gas: 30 units.
Mud: (.509) 9.8 x 41 x 3.6 (2% oil)

APR 5 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

4/6: 12,534/77/33/64. Drilling. Circ pill. Tripped
for bit at 12,516. Made -22' SLC. Washed last 40' to
btm. Background gas: 20 units. Trip gas: 360 units.
Connection gas: 30 units.
Mud: (.509) 9.8 x 40 (2% oil)
4/7: 12,688/77/34/154. Circ. Circ 2 hrs after tripping
for bit. Background gas: 25 units. Connection gas: 30
units.
Mud: (.509) 9.8 x 41 x 3.6
4/8: 12,748/77/35/60. Logging. Dev: 2 deg at 12,748.
Tripped for bits at 12,667 and 12,748. Circ for logs
4 hrs. Background gas: 20 units. Trip gas: 425 units.
Connection gas: 40 units.

APR 8 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
9-5/8" csg @ 7000'

12,748/77/36/0. Laying down DP. Ran logs as follows:
DIL from TD to 7000', CNL-FDC from TD to 10,200 and
BHCS from TD to 300'. Trip gas: 75 units. Circ 3-1/2
hrs to run pipe.
Mud: (.514) 9.9 x 42 x 3.6

APR 9 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

12,748/77/37/0. Nipling down BOP. Finished laying
down DP and DC's. Pulled wear ring. Ran 33 jts
7", 26# 95 csg (1437') and 264 jts 26# S-95 csg
(11,338') w/shoe at 12,748. Cmt'd w/1021 cu ft B-J
Lite w/0.2% R-5 (slurry 12.4 ppg) followed by 216
cu ft Class "G" w/0.4% R-5 (slurry 15.9 ppg). Did
not bump plug.
Mud: (.514) 9.9 x 42 x 3.8

APR 10 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

12,748/77/38/0. Picking up 4-3/4" DC. Finished
nippling up. Tested BOP and lines.
Mud: (.514) 9.9

APR 11 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

4/12: 12,748/77/39/0. Circ to pull out of hole.
Finished picking up DC's and DP. Drld plug, float
and cmt. Hit cmt at 12,586.

Mud: (.530) 10.2 x 36 x 6.8

4/13: 12,760/77/40/12. Pulling mill. Changed bit at
12,759 - cones worn half off and bearings lost. Milled
on bearings and buttons 3-1/2 hrs. Changed out hydramatic.

Mud: (.530) 10.2 x 38 x 6.6

4/14: 12,916/77/41/156. Drilling. Laid down mill and
jk sub. Tripped in w/BHA and CO to btm. Background
gas: 10 units. Connection gas: 14 units. Trip gas: 40
units. Fm gas: 20 units.

Mud: (.530) 10.2 x 38 x 6.6

4/15: 13,104/77/42/188. Drilling. Packed swivel.
Background gas: 5 units. Connection gas: 7 units.

Downtime gas: 10 units.

Mud: (.577) 11.1 x 43 x 5.2

APR 15 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

13,323/77/43/219. Drilling. Background gas: 10 units.
Fm gas: 20 units. Logged following gas from drlg
break at 12,240-12,254: Connection gas: 750 units.
Downtime gas: 1500 units.

Mud: (.618) 11.9 x 43 x 4.8

APR 16 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

13,544/77/44/221. Drilling. Background gas: 10 units.
Max connection gas: 320 units. Fm gas: 20 units.

Mud: (.655) 12.6 x 41 x 4.0

APR 17 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

13,745/77/45/201. Repairing rotary chain. Background
gas: 5 units. Connection gas: 10 units.

Mud: (.691) 13.3 x 44 x 3.6

APR 18 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

13,778/77/46/33. Drilling. Down 20-3/4 hrs repairing rotary counter shaft assembly. Background gas: 10 units. Connecton gas: 12 units. Downtime gas: 15 units. Mud: (.691) 13.3+ x 45 x 4.2

APR 19 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

4/20: 13,954/77/47/176. Drilling. Background gas: 12 units. Mud: (.712) 13.7 x 42 x 4.0
4/21: 14,034/77/48/80. Tripping in w/overshot. Mixed vol. Top of fish @ 13,447. Fish consists of dia bit, IBS, 12' DC, IBS, 30' DC, IBS, 18 DC's. Mud: (.728) 14.0 x 41 x 4.0
4/22: 14,034/77/49/0. Breaking down fishing tools. Tripped in w/overshot and jarred on fish 2 hrs. Circ and WO freepoint unit. Knocked off kelly hose and goose neck. RU GO International and ran freepoint and backoff shot twice. Backed off @ 13,967. Chained out and started breaking down fishing tools. Fish left in hole: dia bit, IBS, 12' DC, IBS, 30' DC, IBS, 30' DC. Trip gas: 100 units. Mud: (.728) 14.0 x 45 x 3.6

APR 22 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,034/77/50/0. Hooking up kelly and goose neck. Finished breaking down fishing tools. Pulled out fish, laying down two bad DC's. Broke and clnd all DC connections. Jarred on fish 10-1/2 hrs. RU Dialog backoff at 13,967. Mud: (.728) 14.0 x 44

APR 23 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,034/77/51/0. Washing over fish. Backed off at 14,000'. Circ btms up 3-1/2 hrs. Pulled out of hole and checked DC's and jars. Laid down jars (cracked box and washed pin) and three DC's (1 - washed box and 2 - cracked pins). Laid down fish - 1 DC w/cracked box and stab. Ran in w/wash pipe and jars and circ out 45 units gas w/btms up. Tagged fish. Fish in hole consists of: dia bit, IBS, 12' DC, IBS, 30' DC. Top of fish at 14,000'. Mud: (.728) 14.0 x 48 x 4.4

APR 24 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,034/77/52/0. Circ btms up. Washed over fish 8-1/2 hrs. Circ and filled trip tank. Tripped out and laid down wash pipe. Ran in hole and circ btms up 1-1/2 hrs. Gas while washing over fish: zero. Trip gas: 80 units.
Mud: (.728) 14.0 x 47 x 4.2

APR 25 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,034/77/53/0. Pulling out w/mill. Finished circ btms up. Screwed into fish, jarred loose and pulled out of hole, laying down same. Unplugged short DC. Picked up mill and jk sub and made SLM in hole checking OD and ID of DC's. Circ and milled on jk 4 hrs. Trip gas: 22 units.
Mud: (.728) 14.0 x 46 x 4.4

APR 26 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

4/27: 14,125/77/54/91. Drilling. Finished out of hole w/mill. SLM: 14,034.78 = 14,034 - no correction. Ran in w/BHA and circ. Background gas: 2-3 units. Trip gas: 35 units.

Mud: (.728) 14.0 x 45 x 5.0

4/28: 14,292/77/55/167. Drilling. Background gas: 5-10 units. Max fm gas: 15 units.

Mud: (.743) 14.3 x 42 x 5.4

4/29: 14,442/77/56/150. Drilling. Background gas: 8-10 units. Fm gas: 30 units.

Mud: (.754) 14.5 x 42 x 5.6

APR 29 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,485/77/57/43. Drilling. Pmpd pill and tripped out finding washout in box on #10 DC. Laid down 30 DC's, picked up 30 DC's and magnafluxed BHA. Tripped in, washing to btm. Background gas: 2 units. Trip gas: 66 units. Formation gas: 18 units.

Mud: (.754) 14.5 x 42 x 5.8

APR 30 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,646/77/58/161. Drilling. Repacked swivel. Circ downtime gas and raised mud wt. Background gas: 200 units. Connection gas: 360 units. Max downtime gas: 1750 units.

Mud: (.759) 14.6 x 41 x 5.0

MAY 1 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,722/77/59/76. Fishing. Twisted off 16 DC's down from DP. Snapped box off at 14,101, leaving 20 DC's and BHA. Released w/50 units torque. Background gas: 150 units. Connection gas: 160 units.

Mud: (.759) 14.6 x 41 x 5

MAY 2 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

14,748/77/60/26. Drilling. Tripped in, engaged fish
and pulled out of hole w/same. Magnafluxed and changed
out DC's. Unplugged bit and CO 20'. Background gas:
40 units. Connection gas: 100 units. Trip gas: 400
units.
Mud: (.754) 14.5 x 46 x 6.0
MAY 3 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

5/4: 14,904/77/61/156. Drilling. Background gas:
40 units. Connection gas: 60 units.
Mud: (.764) 14.7 x 44 x 6.5
5/5: 15,005/77/62/101. Drilling. Lost 150 bbls mud.
Background gas: 30 units. Connection gas: 50 units.
Mud: (.764) 14.7 x 44 x 6.6
5/6: 15,035/77/63/30. Drilling. 10-1/2 hrs tripping.
Checked DC's. Background gas: 30 units. Trip gas:
180 units.
Mud: (.764) 14.7 x 45 x 6.6
MAY 6 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

15,145/77/64/110. Drilling. Background gas: 30
units. Connection gas: 50 units.
Mud: (.759) 14.6 x 41 x 6.6
MAY 7 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

15,281/77/65/136. Drilling. Background gas: 25
units. Connection gas: 40 units.
Mud: (.764) 14.7 x 41 x 5.6
MAY 8 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

15,410/77/66/129. Drilling. Background gas: 25 units.
Connection gas: 40 units.
Mud: (.759) 14.6 x 42 x 5.8
MAY 9 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

15,566/77/67/156. Drilling. Background gas: 20 units.
Connection gas: 40 units. Max fm gas: 30 units.
Mud: (.764) 14.7 x 42 x 5.2
MAY 10 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

5/11: 15,726/77/68/160. Drilling. Background gas:
20 units. Max connection gas: 225 units. Max fm gas:
100 units. Downtime gas: 60 units (repair rotary chain).
Mud: (.759) 14.6 x 42 x 5.2

5/12: 15,890/77/69/164. Drilling. Background gas:
20 units. Max connection gas: 200 units. Fm gas: 40
units.

Mud: (.759) 14.6 x 40 x 5.6

5/13: 16,000/77/70/110. Short tripping. Changed out
rotary chain and changed swivel packing. Circ btms up
2-1/2 hrs. Background gas: 20 units. Max connection
gas: 80 units. Downtime gas: 980 units. Max fm gas:
30 units.

MAY 13 1974

Mud: (.759) 14.6+ x 43 x 5.6

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

16,000/77/71/0. Logging. Short tripped to 7" csg shoe.
Circ btms up 3 hrs. Made SLM: 16,000 = 15,996.92 - no
correction. RU Schl and ran DIL/SP and Sonic/GR.

Background gas: 10 units. Short trip gas: 350 units.

Mud: (.759) 14.6+ x 43 x 5.6

MAY 14 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
7" csg @ 12,748'

16,000/77/72/0. RU csg crew. Finished logging.
Magnafluxed DC's, laying down four. Circ btms up.
Background gas: 20 units. Trip gas: 1950 units.

Mud: (.759) 14.6 x 43 x 5.8

MAY 15 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

16,000/77/73/0. Cutting drlg line. Ran 61 jts (2408.91')
5", 18# SOO-95, and 26 jts (1035.87') 5" 18# N-80 SFJ-P
liner w/shoe at 16,000, FC at 15,878.56 and Burns hanger
at 12,543.47. Preflushed w/50 cu ft 14 ppg cmt. Cmtd
w/1025 cu ft Class "G" w/30% silica flour, 1.5% D-31 and
0.1% R-11. Bumped plug w/3000 psi, floats held. CIP at
10:10 PM, 5/15/74.

Mud: (.759) 14.6 x 43 x 5.0

MAY 16 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

16,000/77/74/0. WOC. Drilled firm cement 11,420 to
12,400 in 15-1/2 hrs. Cement soft below 12,400.

Mud: (.759) 14.0 x 44 x 7.0

MAY 17 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Brinkerhoff #56
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

5/18: 16,000/77/75/0. CO hanger. Drld cmt. Tested
lap to 1500 psi, OK. Circ btms up. Ran in to top of
liner and started CO.

Mud: (.764) 14.7 x 43 x 6.8

5/19: 16,000/77/76/0. PB 15,880. RU for inflow test.
CO hanger. Press tested lap to 1500 psi, OK. Ran in
to FC at 15,880 and circ and cond mud. Made up test
tool and ran in hole to 12,490.

Mud: (.759) 14.6 x 42 x 6.6

5/20: 16,000/77/77/0. PB. 15,880. Nippling down
BOP's. Displaced pipe w/75.5 BW and inflow tested OK.
Tested csg at 9000' w/2500 psi, at 6000' w/3500 psi and
at 3000' w/4500 psi. Laid down DP, kelly, and swivel.
Tore out cellar.

MAY 20 1974

Mud: (.759) 14.6

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. RDRT. Finished nippling down
BOP's. Installed Xmas tree. Released rig at midnight,
5/20/74. (Reports discontinued until further activity.)

MAY 21 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. (RRD 5/21/74).

5/28: Picking up tbg. MI&RU Western Oilwell Service
Company rig #17 on 5/27/74. Installed BOP and tested
to 5000 psi, OK.

MAY 28 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Picking up tbg. Finished RU.
Picked up 4-1/8" mill, 3350' of tbg work string, 7"
csg and started picking up new tbg.

MAY 29 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Picking up tbg. Picked up
tbg and ran bit to liner top. Circ out 14.6 ppg mud
w/FW. Sorted out tbg w/bad thrds.

MAY 30 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Pulling out of hole, prep to test for csg leak. Finished picking up tbg. Ran mill to PBTD at 15,880. Pmpd out remaining mud as follows: Pmpd 250 gal B-J Mud Flush followed by 500 BFW, 150 gal B-J Mud Flush and 600 bbls prod wtr. SI to check for flowback, OK. Press tested to 5000 psi, losing 1000 psi in 15 min. Bled off press and checked for inflow, OK. Press'd to 5000 psi, decr to 4000 psi in 15 min, to 3800 psi in 30 min. Press to 5000 psi, decr to 4000 psi in 15 min. Checked for inflow - none. Sml amt of oil on bleedback. Started pulling out of hole.

MAY 31 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880.
6/1: SI over weekend, prep to pull pkr on 6/3. CP on 5/31, 500 psi. Bled down press and finished pulling out of hole. Laid down bit and scraper. Picked up Baker 7" ret pkr and ran to liner top. Tested annulus to 5000 psi, OK. Press tested to 5000 psi down tbg, losing 1650 psi in 15 min.

JUN 3 1974

6/2: SI.
6/3: SI.

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Pulling out of hole. TP 2400 psi. Circ btms up. Pulled and laid down 7" pkr. Picked up 5" pkr and ran to 12,613. Tested tbg under pkr, OK. Tested back side, losing 1100 psi in 15 min. Pulled pkr into 7" csg - tight spot at 12,579.

JUN 4 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Prep to run tapered mill. Pulled out of hole and laid down tbg tail and 5" pkr. RU OWP and ran CBL, VDL and PDC logs from 15,809 (PBTD) to 8600. Held 3000 psi on csg while running CBL and VDL. Cmt top at 8750. Bonding good to poor - mostly poor in liner. Picked up 5" pkr on WL and ran to 12,530. Pkr set down. Liner top at 12,546. Pulled pkr free and pulled out of hole. Logging tools dragging from 12,530 to liner top.

JUN 5 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Prep to DO to liner top. Picked up 6-1/8" tapered mill, bumper sub and oil jars and ran on tbg to tight spot in 7" csg. Drld 3' in 15 min w/ tongs, drlg dry. Picked up tbg, SI and started RU power swivel.

JUN 6 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,880. Prep to pick up 4-1/8" mill and work string. RU power swivel. Drld 13' of cmt and fell free 10' to liner top. Dressed liner top and circ out gas. Pulled out of hole.

JUN 7 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837.
6/8: Prep to drill cmt. Laid down 6-1/8" tapered mill and picked up 4-1/8" flat bottomed mill, bumper subs, oil jars and 2-7/8" tbg work string.
6/9: SD over Sunday. RU power swivel and drld 30'. New PBD 15,837. Circ hole cln and started laying down tbg work string.
6/10: SD over Sunday, prep to continue laying down tbg work string.

JUN 10 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Prep to pick up heat string. Finished laying down tbg work string. Pulled on jars, bumper sub, and 4-1/8" mill. RU OWP and set Baker Model "FR" (32FA30) 5" pkr w/Baker knockout plug w/top at 12,590. Ran Baker Model "F" (85-40) 7" pkr w/top at 12,523. RD OWP.

JUN 11 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Running prod eqmt. RU csg crew and picked up 107 jts 5-1/2" K-55 14# csg w/ special Type I turned down cplgs w/tail at 4564. RD csg crew. Installed BPV, removed BOP and installed 10" 5000 psi x 6" 5000 psi tbg spool. Installed BOP and tested to 5000 psi. Removed BPV. Started picking up prod eqmt, testing to 7500 psi.

JUN 12 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Testing prod eqmt. Ran prod eqmt to top mandrel. Tested at each mandrel to 7500 psi, no leaks.

JUN 13 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D) Western Oilwell
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Prep to test packer. Ran 28
stds tbg and tested - leaking at 3000 psi. Ran
remainder of tbg, latched into pkr and tested to 7500
psi for 30 min, losing 75 psi. Pulled out of pkr and
circ trtd wtr in back side to Otis "SN" plug. Sptd
lease prod wtr in tbg, spaced out and landed tbg w/3000#
set-down wt. Tested tbg to 7500 psi 1 hr, losing 100
psi. RU slick line and retrieved "SN" plug. Knocked
out Baker plug and followed to PBTB. Prod eqmt as
follows: Baker 20-FA-30 anchor seal assembly, 2 jts tbg,
Baker spacer seal assembly w/8' of seals, Baker "EL"
on-off connector w/Otis "N" profile w/2.313" seal bore
w/2.255" no-go w/top at 12,514, 6' tbg sub w/7" cent,
3 jts tbg, mandrel #2HP3-30 w/top at 12,408, 39 jts tbg,
mandrel #5HP3-30 w/top at 11,188, 19 jts tbg, mandrel
#6HP3-29 w/top at 10,590, 28 jts tbg, mandrel #8HP3-29
w/top at 9712, 23 jts tbg, mandrel #11HP3-29 w/top at
8989, 25 jts tbg, mandrel #12HP3-29 w/top at 8204, 38
jts tbg, mandrel #14HP3-29 w/top at 7015, 55 jts tbg,
mandrel #14HP3-30 w/top at 5296, 77 jts tbg, mandrel
#17HP3-29 w/top at 2892, 91 jts tbg, 2', 3' and 10' subs,
and 1 jt tbg. All tbg 2-7/8" EUE 8rd N-80 and all
mandrels Camco KBMG w/type B dummies w/BK-2 latches. JUN 14 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. SI, WO completion. Tested 5"
pkr to 5000 psi, OK. Pmpd 3 bbls diesel in 9-5/8"
annulus and 7 bbls in 7" annulus. Installed BPV,
removed BOP, installed 10,000# Xmas tree and tested to
10,500 psi, removed BPV. Released rig 6/14/74.
(Reports discontinued until further activity.) JUN 17 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. (RRD 6/17/74). Prep to AT.
MI&RU OWP and perf'd one hole at each of the following
depths unidirectionally w/2" steel tube carrier gun
decentralized w/magnets at top, middle and btm, using
Harrison RT 6.2 gr jets. All depths refer to BHC-GR
dated 5/14/74. Run #1: 14,519, 14,520, 14,690, 14,691,
14,770, 14,771, 14,772, 14,794, 14,795, 14,796, 14,854,
14,855, 14,856, 14,857, 14,858, 14,865, 14,866, 14,867,
14,913, 14,914, 14,915, 14,916, 14,932, 14,933, 14,934,
14,951, 14,952, 14,994, 14,995, 14,996, 15,297, 15,298,
15,299. TP zero. Run #2: Bled off press from 4500-zero
and started to perf at 15,300, 15,325, 15,326, 15,327,
15,358, 15,359, 15,424, 15,425, 15,426, 15,427, 15,428,
15,606, 15,607, 15,608, 15,739, 15,740, 15,741, 15,742,
15,793, 15,794, 15,795, 15,796, 15,797, 15,798, 15,800,
15,801, 15,802, 15,803, 15,804. Press 400 psi while
perf'g. Perf'd total of 62 holes. RD OWP. JUL 2 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Prep to flow. TP 4900 psi. MI&RU B-J and AT gross perfs 14,519-15,804 w/16,500 gal 15% HCl w/each 1000 gal containing the following except the last 10 bbls did not contain Unibeads: 3 gal G-10, 3 gal C-15, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Button Unibeads. Flushed w/5400 gal lease prod wtr w/each 1000 gal containing 3 gal G-10. Pmpd acid as follows: Pmpd 10 bbls acid, dropped one 7/8" ball sealer w/1.24 gr, pmpd two bbls acid. Repeated one ball sealer and two bbls acid 131 times. With 260 bbls acid and 81 ball sealers on top of perfs, balled out at 10,000#. SD 15 min. Press 10,200#. Flwd to pit 10 bbls and let balls drop 25 min. TP 4100 psi. Pmpd remainder of acid and flush. Max press 10,200 psi, min 7500 psi, avg 8700 psi. Max rate 9.5 B/M, min 3.5 B/M, avg 6 B/M. ISIP 6400 psi decr to 6300 psi in 5 min to 6100 psi in 10 min to 6000 psi in 15 and 20 min. RD B-J.

JUL 3 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837.
7/4: Flowing. TP 5000 psi. Opened to pit on 64/64" chk for 5 hrs, flwg est 700 BO and 300 BW (GOR 500). Last hr flwd est 190 BO and 9 BW (GOR 500) on 64/64" chk w/800 psi TP. SI 45 min - TP 3900 psi. Turned to tank battery for production.
7/5: Flowing. On 20-hr test, flwd 918 BO, 7 BW and 540 MCF gas on 12-40/64" chk w/2900 psi FTP and zero CP.

JUL 5 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr tests, flwd as follows:

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
7/6	833	23	485	12-40/64	1100	0
7/7	1021	20	606	16-40/64	2100	0
7/8	1112	10	798	18-36/64	1100	0

JUL 8 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 897 BO, no wtr and 677 MCF gas on 18-36/64" chk w/1000 psi FTP and zero CP.

JUL 9 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 798 BO, no wtr and 598 MCF gas on 18-36/64" chk w/ 900 psi FTP and zero CP.

JUL 10 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
690 BO, no wtr and 582 MCF gas on 18-36/64" chk w/700
psi FTP and zero CP. JUL 11 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
670 BO, no wtr and 488 MCF gas on 18-36/64 and 14-28/64
chks w/600 psi FTP and zero CP. JUL 12 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

7/13: TD 16,000. PB 15,837. Flowing. On 24-hr test,
flwd 391 BO, no wtr and 409 MCF gas on 14-28/64" chk
w/800 psi FTP and zero CP.

7/14: TD 16,000. PB 15,837. Flowing. On 24-hr test,
flwd 391 BO, no wtr and 409 MCF gas on 14-28/64" chk
w/800 psi FTP and zero CP.

7/15: TD 16,000. PB 15,837. Flowing. On 24-hr test,
flwd 254 BO, no wtr and 409 MCF gas on 14-28/64" chk
w/750 psi FTP and zero CP. JUL 15 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
495 BO, no wtr and 393 MCF gas on 14-28/64" chk w/650
psi FTP. JUL 16 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
401 BO, no wtr and 310 MCF gas on 14-28/64" chk w/650
psi FTP. JUL 17 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)
16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
370 BO, no wtr and 279 MCF gas on 14-28/64" chk w/600
psi FTP. JUL 18 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)

16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
355 BO, no wtr and 272 MCF gas on 14-28/64" chk w/600
psi FTP.

JUL 19 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)

16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr tests, flwd
as follows:

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
7/20	412	0	306	14-28/64	700
7/21	424	2	337	14-28/64	600
7/22	356	0	279	14-28/64	600

JUL 22 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)

16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
371 BO, no wtr and 264 MCF gas on 14-28/64" chk w/550
psi FTP.

JUL 23 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)

16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
360 BO, no wtr and 306 MCF gas on 14-28/64" chk w/600
psi FTP.

JUL 24 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(D)

16,000' Wasatch Test
KB 6547', GL 6518'
5" liner @ 16,000'

TD 16,000. PB 15,837. Flowing. OIL WELL COMPLETE.
On 24-hr test 7/24/74, flwd 350 BO, no wtr and 285 MCF
gas (GOR 814) on 14/64" chk w/550 psi FTP from Flagstaff
and North Horn perfs 14,519, 14,520, 14,690, 14,691,
14,770, 14,771, 14,772, 14,794, 14,795, 14,796, 14,854,
14,855, 14,856, 14,857, 14,858, 14,865, 14,866, 14,867,
14,913, 14,914, 14,915, 14,916, 14,932, 14,933, 14,934,
14,951, 14,952, 14,994, 14,995, 14,996, 15,297, 15,298,
15,299, 15,300, 15,325, 15,326, 15,327, 15,358, 15,359,
15,424, 15,425, 15,426, 15,427, 15,428, 15,606, 15,607,
15,608, 15,739, 15,740, 15,741, 15,742, 15,793, 15,794,
15,795, 15,796, 15,797, 15,798, 15,800, 15,801, 15,802,
15,803, 15,804.

Oil Gravity: 43.5 deg at 60 deg F.

Compl Test Date: 7/24/74. Initial Prod Date: 7/4/74.

Elev: 6547 KB, 6518 GL.

Log Tops: TGR3 10,467 (-3920)
WASATCH 11,719 (-5172)
FLAGSTAFF 14,450 (-7903)
NORTH HORN 15,659 (-9112)

JUL 25 1974

This well was drilled for routine development.
FINAL REPORT.

CASING AND CEMENTING

Field Altamont Well Brotherson 1-28A4
 Job: 13-3/8 " O.D. Casing/~~Line~~ Ran to 303 feet (KB) on 3/5, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					29'	KB	CHF
7	68#	K-55	ST&C	yes	273'	CHF	302'
Howco Plain Guide Shoe					1'		303'

Casing Hardware:

Float shoe and collar type Howco Plain Guide Shoe
 Centralizer type and product number Weatherford M-20
 Centralizers installed on the following joints 6' above shoe and 2nd jt
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ Caliper volume _____ ft³ + excess over caliper
 _____ ft³ + float collar to shoe volume _____ ft³ + liner lap _____ ft³
 + cement above liner _____ ft³ = _____ ft³ (Total Volume).

Cement:

Preflush-Water 20 bbls, other _____ Volume _____ bbls
 First stage, type and additives Class "G" w/3% CaCl₂
 _____ . Weight 15.8 lbs/gal, yield 1.15
 ft³/sk, volume 500 CF~~xx~~ Pumpability _____ hours at _____ °F.
 Second stage, type and additives _____
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate _____
 Percent returns during job 100%
 Bumped plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
 with _____ lbs on slips.

Remarks:

Cement in place at 3:30 PM, 3/5/74. Circulated cmt to surface.

Drilling Foreman J. N. Carlson
 Date 3/6/74

CASING AND CEMENTING

Field Altamont Well Brotherson 1-28A4
Job: 9-5/8 " O.D. Casing/~~Line~~ Ran to 7000 feet (KB) on 3/18, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					25.00	KB	CHF
						CHF	
83	40#	N-80	LT&C	x	3639	7000	3639 (includes Howco shoe and float)
77	40#	K-55	ST&C	x	3361	3639	sfc

Casing Hardware:

Float shoe and collar type Howco manual fill collar at 6900 and Howco guide shoe at 7000
Centralizer type and product number 3
Centralizers installed on the following joints 6995, 6950 and 6908
Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ Caliper volume _____ ft³ + excess over caliper
_____ ft³ + float collar to shoe volume _____ ft³ + liner lap _____ ft³
+ cement above liner _____ ft³ = _____ ft³ (Total Volume).

Cement:

Preflush-Water _____ bbls, other _____ Volume _____ bbls
First stage, type and additives 625 cu ft B-J Lite . Weight 13.8 lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
Second stage, type and additives 330 cu ft Class "G" . Weight 15.4 lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate 538 BW
Percent returns during job _____
Bumped plug at 2:00 AM/~~PM~~ with 2500 psi. Bled back _____ bbls. Hung csg with _____ lbs on slips.

Remarks:

Float did not hold.

Drilling Foreman K. C. Crawford
Date 3/19/74

CASING AND CEMENTING

Field Altamont Well Brotherson 1-28A4
 Job: 7 " O.D. Casing/~~XXXX~~ Ran to 12,748 feet (KB) on 4/9, 197 4

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	
		Halliburton Differential Shoe			2.45	12,748.00	12,745.55
2	26#	95	8rd	x	78.34	12,745.55	12,667.21
		Halliburton Differential Float		x	1.85	12,667.21	12,665.36
31	26#	95	8rd	x	1358.61	12,665.36	11,306.75
264	26#	S-95	8rd	x	11307.00	11,306.65	0

Casing Hardware:
 Float shoe and collar type Halliburton Differential Float and Shoe
 Centralizer type and product number 6
 Centralizers installed on the following joints 8' above shoe, every other jt thereafter
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:
 Caliper type _____ . Caliper volume _____ ft³ + excess over caliper
 _____ ft³ + float collar to shoe volume _____ ft³ + liner lap _____ ft³
 + cement above liner _____ ft³ = _____ ft³ (Total Volume).

Cement:
 Preflush-Water None bbls, other _____ Volume _____ bbls
 First stage, type and additives 1021 cu ft B-J Lite w/0.2% R-5
 _____ . Weight 12.4 lbs/gal, yield 3.04
 ft³/sk, volume 1021 ~~xxx~~ ^{CF} Pumpability 4½ hours at _____ °F.
 Second stage, type and additives 216 cu ft Class "G" w/0.4% R-5
 _____ . Weight 15.9 lbs/gal, yield 1.14
 ft³/sk, volume 216 ~~xxx~~ ^{CF} 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:
Lost returns w/cement half displaced. Did not bump plug. Cement in place at 3 AM, 4/11/74.

Drilling Foreman C. F. Killen
 Date 4/10/74

CASING AND CEMENTING

Field Altamont Well Brotherson 1-28A4
 Job: 5" " O.D. ~~Casing~~ Liner. Ran to 16,000 feet (KB) on 5/15, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	KB Hanger
						0.00	
					12,543.47		12,543.47
				x	7.55	12,543.47	12,551.02
				x	1,035.87	12,551.02	13,586.89
				x	2,291.67	13,586.89	15,878.56
				x	1.95	15,878.56	15,880.51
				x	117.24	15,880.51	15,997.75
				x	2.25	15,997.75	16,000.00
<u>87 jts total</u>							

Casing Hardware:

Float shoe and collar type Baker "GH" Differential Fill Shoe and Collar
 Centralizer type and product number B&W #1350773 (22 ea) and B&W 7250063 (2 ea)
 Centralizers installed on the following joints 6' above shoe and every 4th jt, also two solid bar
type in lap
 Other equipment (liner hanger, D.V. collar, etc.) Burns plain type liner hanger

Cement Volume:

Caliper type CNL-FDC . Caliper volume 777.3 ft³ + excess over caliper (25% excess)
194.3 ft³ + float collar to shoe volume 11.7 ft³ + liner lap 15.7 ft³
 + cement above liner 43.0 ft³ = 1042 ft³ (Total Volume).

Cement:

Preflush-Water _____ bbls, other 14 ppg cmt Volume 50 CF ~~xxx~~
 First stage, type and additives Class "G" w/30% silica flour, 1.5% D-31 and 0.1% R-11
 . Weight 15.0 lbs/gal, yield 1.66
 ft³/sk, volume 1075 CF. Pumpability 3:58 hours at 260 °F.
 Second stage, type and additives None
 . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~xxxx~~/reciprocate while circulating bottoms up
 Displacement rate 3.5 to 4.0 bbls/min
 Percent returns during job unknown - but apparently good
 Bumped plug at 10:10 ~~AM~~/PM with 3000 psi. Bled back one bbls. Hung csg
 with 0 lbs on slips.

Remarks:

Slips on liner hanger would not bite - had to set liner on bottom.
Displaced w/14.6 ppg mud - went over by 1.5 bbls.
Floats held OK.

Drilling Foreman J. N. Carlson
 Date 5/16/74

MP
P1

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 Brotherson 1-28A4

Operator Shell Oil Company

Address 1700 Broadway
Denver, Colorado 80202

Contractor Brinkerhoff Drilling Company, Inc.

Address Denver Club Building
Denver, Colorado 80202

Location NE 1/4, NE 1/4; Sec. 28; T. 1 ~~N~~_S R. 4 ~~E~~_W, Duchesne County.

Water Sands:

	<u>Depth:</u> From - To -	<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
1.	<u>GR log run from 100-15,962'</u>		
	<u>No water zones tested or evaluated.</u>		
2.	_____		
3.	_____		
4.	_____		
5.	_____		

(Continue on Reverse Side of Necessary)

Formation Tops:

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

2 PI

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

MISSION	5. LEASE DESIGNATION AND SERIAL NO. Patented
TS ON WELLS plug back to a different reservoir. (such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	7. UNIT AGREEMENT NAME
	8. FARM OR LEASE NAME Brotherson
	9. WELL NO. 1-28A4
any State requirements.*	10. FIELD AND POOL, OR WILDCAT Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 28-TIS-RAW
her DF, RT, OR, etc.)	12. COUNTY OR PARISH 13. STATE Duchesne Utah
18 GL	

11/20/74

My face is red because this intent to frac treat is "after the fact" since the job was performed yesterday. Out field foreman thought approval was not required since the cost of the frac job was to be charged to the original drilling authority; however, he forgot the well has been completed and approval was necessary. Sorry about the delay of requesting approval sooner. Clippings of job performed were sent to you by mail today.

Vaneta Hinrichs
Shell Oil

State Nature of Notice, Report, or Other Data

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input checked="" type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

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

...ent details, and give pertinent dates, including estimated date of starting any locations and measured and true vertical depths for all markers and zones perti-

Frac treat gross perf'd interval 14,519-15,804 w/500 gal My-T-gel pad, 2200 gal My-T-gel and sd (slurry of 1500 gal My-T-gel and 15,000# 20-40 mesh sd tagged w/radioactive sd) followed by 3490 gal 2% KCl flush before sandout.

cc: USGS - Salt Lake City (for information)

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE NOV 21 1974

BY C.B. Fright

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

SIGNED L.S. Mage TITLE Division Operations Engr. DATE 11/20/74

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 751' FNL and 1130' FEL Section 28		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30292		9. WELL NO. 1-28A4	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6547 KB, 6518 GL		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 28-T1S-R/W	
		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 checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Frac treat gross perf'd interval 14,519-15,804 w/500 gal My-T-gel pad, 2200 gal My-T-gel and sd (slurry of 1500 gal My-T-gel and 15,000# 20-40 mesh sd tagged w/radioactive sd) followed by 3490 gal 2% KCl flush before sandout.

cc: USGS - Salt Lake City (for information)

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE NOV 20 1974
BY C. B. Feight

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

SIGNED J.S. Mize TITLE Division Operations Engr. DATE 11/20/74

(This space for Federal or State office use)

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

7 PI

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on re-verse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 751' FNL and 1130' FEL Section 28		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30292	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6547 KB, 6518 GL	9. WELL NO. 1-28A4
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 28-T1S-R4W
		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 checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

As per attached report

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 1-31-75
BY C.B. [Signature]

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

SIGNED T.S. Mize TITLE Division Operations Engr. DATE 1/29/75

(This space for Federal or State office use)

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

cc: USGS (for information)

SHELL OIL COMPANY

LEASE BROTHERSON

WELL NO.

1-28A4

DIVISION WESTERN

ELEV

6547 KB, 6518 GL

COUNTY DUCHESNE

STATE

UTAH

11/20/74 - 1/28/75

LOCATION NE/4 NE/4 SECTION 28-T1S-R4W

UTAHALTAMONT

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

"FR" TD 16,000. PB 15,837. Prep to flow. AFE #598110 provides funds to sd frac. Six-day SITP 500 psi. RU Hal to sd frac perf'd interval 14,519-15,804 w/4000 psi annulus press. Pmpd 500 gal My-T-gel pad, 2200 gal My-T-gel and sd (slurry being 1500 gal My-T-gel and 15,000# 20-40 mesh sd tagged w/radioactive sd) followed by 3490 gal 2% KCl flush before sandout. Avg inj rate 13 B/M, avg pmpg press 9500 psi. Max rate 13.5 B/M. Min press 9100 psi. ISIP 10,000 psi decr to 6150 psi in 10 min, to 5650 psi in 15 min, to 5550 psi in 20 min. Estimated 8200# sd in fm if all sd-laden fluid entered uppermost perms or 1600# if all sd-laden fluid only entered lowest perms. RD Hal.

NOV 20 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Prep to run coiled tbg. SITP after 21 hrs 2350 psi. Opened well to pits and flwd est 5 bbls in 2 hrs and well died. MI&RU Newsco and ran 1" coiled tbg unit to 7000' - could not pass mandrel. Jetted tbg dry and pulled out of hole.

NOV 21 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Prep to check tight spot at 7009. TP zero. Ran Newsco 1" coiled tbg to 7009' - could not go deeper. Jetted N2 to 7000' for 5 hrs. Rec'd est 10 BO and 30 BW w/sml amt of gas. SI well. RD Newsco.

NOV 22 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837.
11/23-25: SI, prep to run coiled tbg. Ran impression block on WL stopping at 9157. Impression block showed sd. RD WL and SI.

NOV 25 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Running coiled tbg. MI&RU 3/4" coiled tbg. Started flwg oil and wtr at 1500' w/250 cu ft N2/min. Ran tbg to 8200' and set down on mandrel. Pmpd 25 BW in tbg-csg annulus w/550 psi - could not incr press. Flwd est 20 BW from 8200'. Ran tbg to 12,600' and lost circ. Pmpd in at rate of 450 cu ft N2 for 2 hrs, rec'g sml amt of wtr in N2 and started out of hole, pmpg 450 cu ft N2/min. With coiled tbg at 4500', well started flwg set up oil and hvy concentration of sd. Flwd tbg dry (est 12 BO and sd) and ran out of N2. Pulled out of hole and SI. Rec'd est 20 BO and 50 BW

NOV 26 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Prep to check dummy at 7015'. Ran 3/4" coiled tbg to 2100' and circ w/400 cu ft N2/min - could not go deeper. RU hot oil truck and pmpd 1/8 bbl diesel and 150 cu ft N2. Circ out oil and sd. Started in hole to 4200', rec'g oil and sd w/diesel and N2. Rec'd sd and ran to 5200'. Started rec'g cln oil and wtr. Ran to 6700' and circ w/N2 and started rec'g blk wtr. Ran to 9500' and rec'd blk wtr, cln wtr and some oil and sd. Sptd 6 bbls diesel at 9500' and pulled out of hole, circ w/N2. Sptd 25 bbls diesel in tbg and SI. Est 20 BO and 70 BW rec'd to date. NOV 27 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837.
12/2: RU Nowasco. RU slick line on 11/27. Replaced dummy at 7015 and press tested csg to 1800 psi, OK. SI well. DEC 2 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Running Nowasco 3/4" coiled tbg. RU Nowasco 3/4" coiled tbg unit. TP 800 psi. Flwd 20 bbls diesel. Well died. Ran tbg to 7100' and circ w/600 cu ft N2/min. Rec'd approx 10 BO and diesel. Lost circ. Pulled tbg to 5000'. Rec'd 6 bbls of set-up oil. RU hot oil truck and attempted to circ heat string w/hot wtr. Pmpd 30 bbls - did not fill csg. SD hot oil truck and ran coiled tbg to 6000' and started rec'g clear wtr. Clnd hole and ran tbg to 13,000', pmpg 600 cu ft N2/min. Rec'd clear wtr. Pulled out and circ w/N2. Rec'd est 20 BO, 100 BW and 30 bbls diesel. DEC 3 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. SI. Ran 3/4" coiled tbg to top mandrel - could not pass mandrel. Pulled out and straightened end of tbg. Ran tbg to 12,000', pmpg 600 cu ft N2/M and circ at 12,000' for 2 hrs. Ran tbg to 12,408 - could not pass btm mandrel. Circ N2 at 600 cu ft/M for 1 hr. Pulled out, circ w/N2. Rec'd est 30 BO and 60 BW. DEC 4 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. SI. DEC 5 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Prep to check sand fill up. RU coil tbg. Tbg press 100 psi. Opened well to pit. Flowed approx. 5 BO, well died. Ran tbg to 8000, recovering oil and gas. Circ with 600 cu.ft. nitrogen per min. Started recovering wtr. Circ 1 hr at 8000, ran coil tbg to 13,500. Circ 4-1/2 hrs. Pulled out of hole circ 600 cu.ft. nitrogen per min. Recovered estimated 360 BW, 30 BO, RD coil tbg unit and opened well to pit overnight. DEC 6 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837.
12/7-9: SI. Well flwd est 6 BO at 3:30 AM. SI at
8 AM, 12/7/74. Pmpd 30 bbls diesel down tbg and ran slick line. Checked sd top at 15,250'. RD slick line. DEC 9 - 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. SI.

DEC 10 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. SI.

DEC 11 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. SI. TP on 12/11 700 psi. MI&RU
OWP and ran GR log from 15,340-12,300 - could not get
below 15,340. Log indicated radioactive material at
14,680, 14,759-762, 14,784-786, 14,845-849, 14,856-858,
15,290-303. RD OWP. (Reports discontinued until further
activity.)

DEC 13 1974

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. (RRD 12/12/74). On various tests,
flwd as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	FTP
1/6	18	36	3	37	16-40	1000
1/7	24	135	22	40	40-40	50
1/8	24	0	14	0	40	100

JAN - 8 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
no oil, 1 BW and no gas through 64/64" chk w/50 psi FTP.

JAN - 9 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
no oil, 8 BW and no gas through 64/64" chk w/no press.

JAN 10 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On various tests,
well flwd as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	FTP
1/11	8	0	1	0	64/54	0
1/12	2	0	1	0	64/54	0
1/13	24	0	0	0	64/54	0

JAN 13 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
no oil, 6 BW and no gas through 26/64" chk w/150 psi
FTP.

JAN 14 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. On 24-hr test, flwd no oil,
4 BW and no gas through 36/64" chk w/200 psi FTP. JAN 15 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
165 BO, 35 BW and 35 MCF gas through 45/64" chk w/75
psi FTP.

JAN 16 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
20 BO, 66 BW and 35 MCF gas through 45/64" chk w/50 psi
FTP.

JAN 17 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr tests, well
flwd as follows:

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
1/18	52	23	27	45/64"	100
1/19	0	*	18	45/64"	50
1/20	0	0	35	45/64"	50

JAN 20 1975

*Meter broken

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
no oil, 57 BW and 185 MCF gas through 45/64" chk w/100
psi FTP.

JAN 21 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
56 BO, no wtr and 37 MCF gas through 45/64" chk w/50
psi FTP.

JAN 22 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
201 BO, no wtr and 37 MCF gas through 45/64" chk w/125
psi FTP.

JAN 23 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd
no oil, 14 BW and 29 MCF gas through 45/64" chk w/50
psi FTP.

JAN 24 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. On 24-hr tests, flwd
as follows:

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
1/25	21	46	153	45/64"	50
1/26	0	0	22	45/64"	450
1/27	73	18	29	45/64"	50

JAN 27 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Sd frac)

TD 16,000. PB 15,837. Flowing. SAND FRACTURE
TREATMENT COMPLETE. On 24-hr test 11/13/74, prior
to work, flwd 82 BO, 1 BW and 41 MCF gas through
16/64" chk w/150 psi FTP from Flagstaff and North
Horn perfs 14,519-15,804. On 24-hr test 1/27/75,
after work, flwd 61 BO, 22 BW and 22 MCF gas through
45/64" chk w/150 psi FTP from Flagstaff and North
Horn perfs 14,519-15,804.
FINAL REPORT.

JAN 28 1975

OIL & GAS CONSERVATION COMMISSION

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	
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 751' FNL and 1130' FEL Section 28		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO.		9. WELL NO. 1-28A4	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6547 KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 28-T1S-R4W	
		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"/>	

(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: Nov. 28, 1975
BY: P. L. Driscoll

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

SIGNED J. W. Kruegel TITLE Div. Opers. Engr. DATE 11/26/75

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On various tests, prod:
 Altex-Barber Oil- Rept Date Hrs BO BW MCF Gas Press
 Brotherson 1-28A4 11/4 24 70 201 883 150
 (Reperf) 11/5 24 58 200 883 150 NOV 0 2 1977
 11/6 24 56 211 997 150

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On 24-hr test, prod 67 BO, 176 BW,
 Altex-Barber Oil- 792 MCF gas w/150 psi.
 Brotherson 1-28A4 NOV 0 9 1977
 (Reperf)

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On 24-hr test, prod 71 BO, 162 BW,
 Altex-Barber Oil- 713 MCF gas w/150 psi.
 Brotherson 1-28A4 NOV 1 0 1977
 (Reperf)

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On 24-hr test, prod 77 BO, 175 BW,
 Altex-Barber Oil- 713 MCF gas w/150 psi.
 Brotherson 1-28A4 NOV 1 1 1977
 (Reperf)

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On 24-hr test, prod 40 BO, 191 BW,
 Altex-Barber Oil- 819 MCF gas w/100 psi.
 Brotherson 1-28A4 NOV 1 4 1977
 (Reperf)

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On 24-hr test, prod 69 BO, 194 BW,
 Altex-Barber Oil- 899 MCF gas w/150 psi.
 Brotherson 1-28A4 NOV 1 5 1977
 (Reperf)

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. On 24-hr test, prod 78 BO, 206 BW,
 Altex-Barber Oil- 963 MCF gas w/150 psi.
 Brotherson 1-28A4 NOV 1 6 1977
 (Reperf)

Shell-Chevron-Tenneco- TD 16,000. PB 15,800. Prior to work, well prod 81 BO,
 Altex-Barber Oil- 208 BW & 605 MCF gas/day. After work, well prod 67 BO,
 Brotherson 1-28A4 182 BW & 621 MCF gas/day. NOV 1 7 1977
 (Reperf) FINAL REPORT

ACID WASH, CO SAND & RECOMP
SHELL-CHEVRON-TENNECO-ALTEX-
BARBER OIL
FROM: 9/23 - 11/26/75

LEASE	BROTHERSON	WELL NO.	1-28A4
DIVISION	WESTERN	ELEV	6547 KB
COUNTY	DUCHESNE	STATE	UTAH

ALTAMONT

UTAH

ALTAMONT

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Acid Wash)

"FR" TD 16,000. PB 15,837. Acid washed perfs w/2000 gals.
reg 15% HCl. Flushed w/500 gals clean form wtr. SI for 30
mins after pmp'g flush. Unloaded well w/N2. Put well on
prod. SEP 23 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Acid Wash)

TD 16,000. PB 15,837. SI.

SEP 24 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Acid Wash)

TD 16,000. PB 15,837. SI.

SEP 25 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Acid Wash)

TD 16,000. PB 15,837. (Report discontinued until test
established)

SEP 26 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. (RRD 9/26/75) AFE #520747 provides
funds to CO sd & recomplete. MI&RU Western Rig #17.

OCT 28 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Installed BPV in tbg, removed tree
& installed & tested BOP's. Pmp'd 40 bbls prod wtr down
tbg & press up to 3100. Checked tbg-csg annulus & it had
press'd. Opened 7" csg to pit & pmp'd down 5-1/2 heat
string. Pmp'd est 110 bbls prod wtr & 100 EO to pit from
csg. Tbg press had fallen off to 300 psi. PU tbg from
donut, unlatched from Bkr on-off seal connector & circ'd
hole w/prod wtr. Latched back onto on-off seal connector.
Unlatched from Bkr 5" pkr & POOH w/prod equip. Installed
5-1/2" BVP in heat string donut. Removed BOP's & tbg
spool. Reinstalled & tested BOP's. SI overnight. OCT 29 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Circ heat string w/110 bbls hot prod wtr to clean up csg & removed BPV. MI&RU csg crew. Pulled & LD 5-1/2 csg heat string (107 jts). RD&MO csg crew. PU Bkr "pkr picker" for 7" pkr & RIH on 2-7/8 tbg. Ran in to top of pkr. .SI overnight. OCT 30 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. No report.

OCT 31 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. SI.

NOV 03 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Circ heat string w/110 bbls hot prod wtr to clean up csg. Removed BPV & MI&RU csg crew. LD 5-1/2" csg heat string (107 jts). RD&MO csg crew. PU Bkr pkr picker for 7" pkr & RIH on 2-7/8 tbg to top of pkr. SI overnight. Cut 7" pkr loose in 5 hrs. Circ hole clean. SI overnight. PU Bkr 5" pkr picker & RIH on 2-7/8 tbg. Cut 5" loose in 1-1/4 hrs. SI overnight. RIH w/2-7/8 tbg to circ out sd. Ran to PBTD & CO hole from 15,340-15,800. Spt'd 31 bbls densified gelled 10% acetic acid on btm. Acid made up according to prog. Pulled 1 std of tbg & SI.

NOV 04 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Pulled tbg out of hole to 6200'. Circ'd backside w/100 bbls hot prod wtr to clean out oil. Fin'd pulling tbg. MI&RU OWP to set Bkr FA-1 5" pkr w/plug in btm @ 13,782. POOH & press'd csg to 3500 psi. Bled off 400 psi in 15 mins; bled off csg & SI. 11/4 MI&RU csg crew & installed heat string & spool. Made up tbg & started RIH.

NOV 05 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Latched tbg into pkr & press tested tbg. Unlatched from pkr & circ'd & inh'd backside. Latched into pkr & press tested tbg to 7500 psi. Tbg bled off 150 psi in 1 hr. Bled off press & removed BOP stack. Installed 10,000 psi frac tree & tested to 10,500 psi. RD Western #17.

NOV 06 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. No report.

NOV 07 1975

Shell-Chevron-Tenneco
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)
NOV 10 1975

TD 16,000. PB 15,837. 11/8: RU Wireline Service & knocked out plug & pushed to btm. POOH. MIRU OWP to perforate interval 14,390-15,597' (175 holes) unidirectionally w/a 2" steel, hollow-carrier, thru tbg gun decentralized w/magnets using Harrison "RT" 6.2 gm charges. Depths refer to OWP GR/CBL Log dated 6/4/74. Run #1 starting press 20 psi, perforated interval 15,697-15,440 (28 holes) - End press 20 psi, Run #2 starting press 20 psi; perforated interval 15,436-15,151 (38 holes); End tbg press - 20 psi; run #3 starting press - 50 psi; perforated interval 15,146-14,800 (38 holes); end press 50 psi; POOH. Pmpd 10 bbls diesel down tbg. SI well for weekend.

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. RU OWP & perf'd interval 14,791-14,549 (38 holes); start press 640 psi - end press 660 psi. Depth refer to OWP CBL log of 6/4/74. Perf'd interval 14,542-14,390 (23 holes); start & end press 650 psi. POOH. Completed perf'g for a total of 175 holes. MI&RU BJ to AT perfs in interval 14,401-15,804 w/530 bbls gelled 15% HCl acid as follows: Pmp'd 2 bbls acid & dropped one 7/8" RCN ball sealer. Repeated procedure 261 times for a total of 524 bbls acid & 262 ball sealers. Placed 350 psi on tbg-csg annulus. Acid made up according to prog & remainder of trtmt done according to prog. ISIP 6300 psi, 5 mins 6100, 10 mins 6100, 15 mins 6100. Max psi 9000, min 6300, avg 7900. Max rate 15 B/M, min 5, avg 14. RU OWP to run GR log to detect RA sd used in trtmt. SI well overnight.

NOV 11 1975

ALTAMONT

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flwd approx 75 BW & acid wtr to pit. Opened well to battery. On a 15/64" chk & 2900 psi FTP, flwd 934 BO, 9 BW, 1056 MCF gas in 10 hrs. Turned well over to prod.

NOV 12 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 18-hr test, flwd 916 BO, 9 BW, 610 MCF gas thru 15/64" chk w/2600 psi FTP.

NOV 13 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 1034 BO, 0 BW, 670 MCF gas thru 15/64" chk w/2800 psi FTP.

NOV 14 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
<u>11/15:</u>	24	1689	0	1057	17/64"	2200
<u>11/16:</u>	24	1400	2	947	17/64"	1800
<u>11/17:</u>	24	1302	14	919	17/64"	1750

NOV 17 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 1405
BO, 108 BW, 854 MCF gas thru 20/64" chk w/1400 psi FTP.

NOV 18 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 1326
BO, 83 BW, 854 MCF gas thru 20/64" chk w/1250 psi FTP.

NOV 19 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 996
BO, 36 BW, 699 MCF gas thru 22/64" chk w/1250 psi FTP.

NOV 20 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 24-hr test, flwd 923
BO, 30 BW, 700 MCF gas thru 22/64" chk w/1300 psi FTP.

NOV 21 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
<u>11/22:</u>	18	1029	30	574	22/64"	1300
<u>11/23:</u>	24	1185	99	807	22/64"	1300
<u>11/24:</u>	24	1123	26	724	22/64"	1100

NOV 24 1975

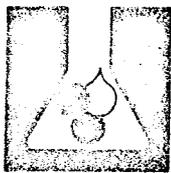
Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. Flowing. On 8-hr test, flwd 322
BO, 0 BW, 312 MCF gas thru 22/64" chk w/850 psi FTP.
(24-hr rate 966 BO, 0 BW, 936 MCF gas)

NOV 25 1975

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(AW, CO sd & Recomp)

TD 16,000. PB 15,837. AW, CO SD & RECOMP COMPLETE. On
24-hr test 9/17/75 before work, prod 100 BO, 0 BW, 29
MCF gas thru 21/64" chk w/150 psi FTP. On 24-hr test
11/24/75 after work, prod 1123 BO, 26 BW, 724 MCF gas thru
22/64" chk w/1100 psi FTP.
FINAL REPORT



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2108
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 4-16-75
 RESULTS REPORTED 4-17-75

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY Shell Oil Co. LEASE _____ WELL NO. 1-28-A4
 FIELD _____ COUNTY _____ STATE _____
 SAMPLE TAKEN FROM _____ Sec. 28-1S-4W
 PRODUCING FORMATION Wasatch TOP _____
 REMARKS _____

SAMPLE TAKEN BY John Manning

CHEMICAL AND PHYSICAL PROPERTIES

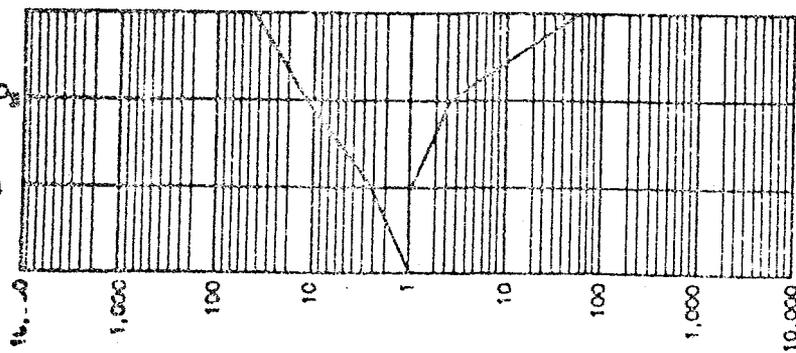
SPECIFIC GRAVITY @60/60° F. 1.0021 pH 8.05 RES. 1.12 OHM METERS @ 77° F

TOTAL HARDNESS 194.97 mg/L as CaCO₃ TOTAL ALKALINITY 730 mg/L as CaCO₃

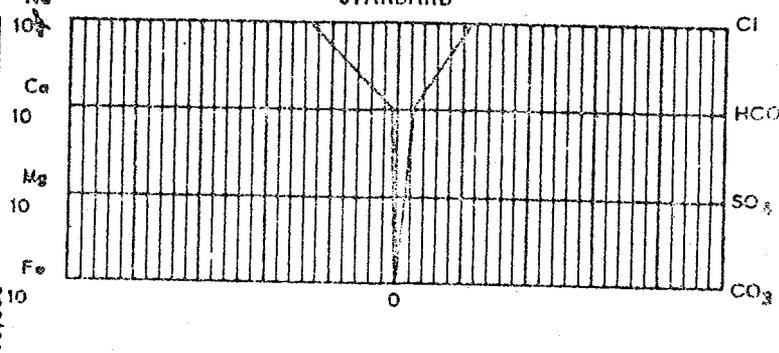
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEO/L		REMARKS
CALCIUM - Ca ⁺⁺	63.30	3.17		
MAGNESIUM - Mg ⁺⁺	8.60	0.70		
SODIUM - Na ⁺	1476.0	64.12		
BARIUM (INCL. STRONTIUM) - Ba ⁺⁺	5.9	0.09		
TOTAL IRON - Fe ⁺⁺ AND Fe ⁺⁺⁺	0.84	0.03	63.16	
BICARBONATE - HCO ₃ ⁻	730.0	11.97		
CARBONATE - CO ₃ ⁻⁻⁻	0	0		
SULFATE - SO ₄ ⁻⁻⁻	168.0	3.5		
CHLORIDE - CL ⁻	1974.2	55.61	71.08	
TOTAL DISSOLVED SOLIDS	3680.			

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST _____

CHECKED _____

Prd.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		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 751' FNL & 1130' FEL Section 28		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6518 GL, 6547 KB	9. WELL NO. 1-28A4
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 28-T1S-R4W
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

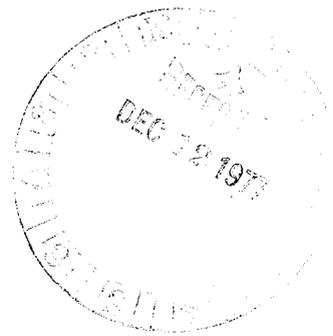
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input 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"/>	

(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



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

SIGNED *R. Plautz* TITLE Div. Oper. Engr. DATE 12/7/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: UGSG w/attachment

REPERF

SHELL-CHEVRON-TENNECO-ALTEX-
BARBER OIL
FROM: 10/28 - 11/17/77

LEASE _____
DIVISION _____
COUNTY _____

BROTHERSON
WESTERN
DUCHESNE

WELL NO. _____
ELEV _____
STATE _____

ALTAMONT
1-28A4
6547 KB
UTAH

UTAH

ALTAMONT

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

"FR" TD 16,000. PB 15,800. AFE #425817 provides funds to reperf & put well back on prod. MI&RU HOT & backed well down w/50 bbls 140 deg diesel. Started w/200 psi & well went on vac. MI&RU OWP & RD&MO HOT. Perf'd as folls w/2-1/8 capsule jet on bi-wire w/24 grm chrgs @ 2 holes/ft: Run #1 - 14,583-90 (8' - 16 holes), Run #2 - 14,540-60 (21' - 42 holes), Run #3 - 14,520-30 (11' - 22 holes), Run #4 - 14,438-46 (9' - 18 holes) & Run #5 - 14,407-17 (11' - 22 holes). SI well for night.

OCT 28 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

TD 16,000. PB 15,800. 10/28 MI&RU HOT. Pmp'd 10 bbls 160 deg diesel down tbq. RD&MO HOT. Run #6 - 14,357-63 (7' - 14 holes). Run #7 - 14,289-94 (6' - 12 holes). All perf'd w/2-1/8" 24 grm capsule jet on bi-wire. Total perf'd 73' w/146 holes. No press on well while perf'g. RD&MO OWP. Turned well over to prod.

OCT 31 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

TD 16,000. PB 15,800. Gauge not available.

NOV 01 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

TD 16,000. PB 15,800. On 19-hr test, prod 114 BO, 112 BW, 754 MCF gas w/100 psi.

NOV 02 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

TD 16,000. PB 15,800. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
10/30	24	86	198	883	100
10/31	24	52	182	883	100
11/1	24	62	189	883	150

NOV 03 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

TD 16,000. PB 15,800. On 24 hr test, well prod 40 BO, 159 BW, 792 MCF gas w/100 psi. 11/4/77

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Reperf)

TD 16,000. PB 15,800. On 24-hr test, prod 56 BO, 180 BW, 760 MCF gas w/100 psi.

NOV 07 1977

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		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 751' FNL & 1130' FEL Section 28		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.		9. WELL NO. 1-28A4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6547 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 28-T1S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input 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) _____	

(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: Feb 16, 1978
BY: Ph An call

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

SIGNED P. Plauty TITLE Div. Oper. Engr. DATE FEB 08 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah USGS w/attachment

TEMP PLUG BACK, PERF & STIM

ALTAMONT

SHELL-CHEVRON-TENNECO-ALTEX-
BARBER OIL
FROM: 12/16/77 - 1/10/78

LEASE BROTHERSON
DIVISION WESTERN
COUNTY DUCHESNE

WELL NO. 1-28A4
ELEV 6547 KB
STATE UTAH

UTAHALTAMONT

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

"FR" TD 16,000. PB 15,800. AFE #571577 provides funds to temporarily plug back existing perms & perf & stim Wasatch. MI&RU WOW #19. Pmp'd 50 BW down tbg & removed WH. Installed & tested 6" BOP's. Released seal assy & circ'd hole w/500 bbls hot prod wtr. Started POOH & LD gas mndrls. SI overnight. DEC 15 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,800. 12/16 Fin'd POOH; unable to get Bkr pkr picker. PU 4-1/8 OD mill & 1 jt WP & started in hole w/tbg. 12/17 Ran tbg & tag'd Mdl D @ 13,791. Pmp'd wtr down csg & obtained circ. Milled on pkr 4 hrs & fell thru. Started PU sgls to push pkr to PBTD. Went to 14,000 & SI well. DEC 19 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. Pushed pkr to 15,305 & hooked up power swivel. Obtained circ (rev) & milled to 15,490 & fell thru. Tag'd PBTD @ 15,785 & rev circ'd hole clean. Spt'd 2000 gals inh'd wtr (2 gals J22/1000 gals wtr). Started out of hole LD tbg. DEC 20 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. POOH & LD 80 jts. Installed 10" BOP. MI&RU csg crew & pulled 107 jts 5-1/2" heat string. RD csg crew. Removed 10" & installed 6" BOP. SI for night. DEC 21 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. MI&RU OWP. RIH w/temp sonde & obtained base temp log from 13,100-14,600 & POOH. Perf'd w/3-1/8 csg gun as folls: perf'd 1 hole/ft @ 14,077, 14,090, 14,060, 14,036, 14,028, 14,022, 13,909, 13,787, 13,748, 13,690, 13,684, 13,660, 13,635, 13,590, 13,542, 13,537, 13,404 (17 holes); FL 5300. Run #2 perf'd 3' zone @ 1 hole/ft - 13,984-86, 13,937-39, 13,879-81, 13,776-78, 13,612-14, 13,556-58, 13,498-500 (21 holes); FL 5300'. Run #3 perf'd 2 holes/ft - 14,280-85, 14,232-36, 14,202-10, 14,100-106 (54 holes); FL 5300. Run #4 perf'd 1 hole/ft - 14,316-22, 14,260-70, 14,176-80, 14,155-58 (27 holes); FL 5300. Run #5 perf'd 1 hole/ft - 14,110-20, 14,080-85, 13,996-14,003 (25 holes); FL 5300. Run #6 perf'd 1 hole/ft - 13,824-40 & 13,724-36 (30 holes); FL 5200. Run #7 perf'd 1 hole/ft - 13,357-64 & 13,336-46 (19 holes); FL 5200. Perf'd total of 193 holes (166'). RIH w/Bkr CIBP & set w/top @ 14,598. POOH & RD&MO OWP. SI well for night. DEC 22 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

DEC 27 1977

TD 16,000. PB 15,785. 12/22: Bled gas off well in 10 min. Pumped 75 bbls prod wtr down csg. Picked up 5" pkr & RIH on 2-7/8 tbg. Set @ 13,281 & landed tbg on donut w/18,000# wt. Filled csg w/prod wtr. Tested annulus to 3500 psi. Tested tbg to 7500 psi, both ok. RIH w/overshot on sandline & fish S.V. Tbg on vacuum. Removed BOP's. Installed 10 M tree. 12/23: SI well over Christmas.

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

DEC 28 1977

TD 16,000. PB 15,785. MIRU Western. AT gross perf int 13,336-14,590 w/50,000 gal 7½% HCl as follows: Pumped 1000 gal 7½% HCl w/10 ball sealers, pumped 6100 gal 7½% & 49 ball sealers, flange on tree started leaking. SD 1½ hrs. Resumed acid job. Pumped 1200 gals to catch press; dropped 1 ball sealer each bbl acid next 50 bbls. Pump remaining acid as per prog w/1 ball sealer every three bbls, slugged 1000# uni-beads after 500 bbls pumped, slugged 1000# uni-beads after 800 bbls acid pumped. Flushed w/90 bbls prod wtr. Max press 7600, avg press 6700, min press 5500. Max rate 11 BPM, avg 9 BPM, min 9 BPM. ISIP 4200 to 0 in 4 min. RIH w/temp sonde & obtain temp log from 5" liner top (12,543) to CIBP @ 14,598. RIH & obtain GR Log to trace RA sand. S.I.

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. Check 7" - 9-5/8" annulus SIP 60 psi. Pumped 50 bbls prod wtr dwn tbg, tbg on vacuum. Released pkr. POOH. Picked up 4-7/8 mill & RIH on 2-7/8 tbg to top of CIBP @ 14,598. Pumped 300 bbls prod wtr. Milled on BP for 1/2 hr. Circ clean SI. DEC 29 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. Pumped 200 bbls & est reverse circ. Resumed drilling on CIBP & milled out in 1½ hrs. Circ 100 bbls to clean up. Chased remains of CIBP to 15755. Finished POOH & SI. DEC 30 1977

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000 PB 15,785. Picked up Baker 7" Loc-Set pkr & RIH w/gas lift mandrels & valves. Set pkr @ 12,530, landed tbg on donut w/6000 psi. Removed BOP's. Installed 5 M tree. Turned well over to prod. JAN 3 1978

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. Gauge not available.

JAN 04 1978

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. On 24-hr test, gas lifted 195 BO, 413 BW, 900 MCF gas w/1125 psi inj press.

JAN 05 1978

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. On 24 test, gas lifted 185 BO,
263 BW, 683 MCF gas w/1125 psi inj press.

JAN 06 1978

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. Gauge not available.

JAN 09 1978

Shell-Chevron-Tenneco-
Altex-Barber Oil-
Brotherson 1-28A4
(Temp PB, Perf & Stim)

TD 16,000. PB 15,785. Prior to work, well was prod'g
76 BO, 201 BW & an avg gas lift inj rate of 611 MCF per
day. After work, well is avg'g 182 BO, 328 BW & 543 MCF
per day w/CP of 1130 psi.
FINAL REPORT

JAN 10 1978

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

P

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
JUL 25 1981

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
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, Tx 77001 ATTN: P.G. GELLING RM. # 644 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 751' FNL + 1130' FEL SEC. 28		8. FARM OR LEASE NAME BROTHERSON
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.)	9. WELL NO. 1-28A4
		10. FIELD AND POOL, OR WILDCAT ALTAMONT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE14 NE14 T1S R4W
		12. COUNTY OR PARISH 18. 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

SEE ATTACH60

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

18. I hereby certify that the foregoing is true and correct
SIGNED D.A. Lambie D.A. LAMBIE TITLE STAFF PRODUCTION ENGINEER DATE 6-24-81

(This space for Federal or State office use)

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

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 355
ISSUED 01/29/81

WELL:	BROTHERSON 1-28A4
LABEL:	FIRST REPORT
AFE:	593467
FOREMAN:	K.C. LAROSE
RIG:	WOW #22
OBJECTIVE:	C.O. AND STIMULATE
AUTH. AMNT:	45000
DAILY COST:	950
CUM COST:	950
DATE:	12-20-80
ACTIVITY:	12-20-80 ACTIVITY: M.I.R.U. KILLED WELL -
02	REMOVED TREE - INSTALLED BOPS - PRESSURE CHECKED
03	OK - RELEASED PACKER. S.D.O.N.
LABEL:	801223
DAILY COST:	2700
CUM COST:	3650
DATE:	12-22-80
ACTIVITY:	12-22-80 STATUS: POOH WITH TBG AND PACKER LAYING
02	DOWN GAS LIFT MDLS TOOK PACKER OFF PICKED UP HAT
03	BOTTOM MILL RIH SHUT DOWN FOR NIGHT
LABEL:	801224
DAILY COST:	3100
CUM COST:	6750
DATE:	12-23-80
ACTIVITY:	12-23-80 STATUS: RIH WITH FLAT BOTTOM MILL TAGGED
02	AT 15720 FT. PICKED UP SWIVEL GOT READY TO MILL
03	PULLED TBG OUT OF 5 IN. LINER SHUT DOWN FOR
04	NIGHT
LABEL:	-----
DAILY COST:	5750
CUM COST:	12500
DATE:	12-24 12-25 12-26 12-27 AND 12-28-80
ACTIVITY:	12-24-80 STATUS: RUN BACK IN 5 IN. LINER WITH
02	4 1/8 IN. FLAT BOTTOM MILL - TAGGED FILL @ 15/20 FT.
03	RIGGED UP PUMP TRUCK - PUMPED 960 BBLs. OF WATER
04	GOT CIRCULATION BACK @ SURFACE - STARTED TO MILL -
05	ONLY WENT 12 FOOT IN 4 HOURS - (15732) P.O. 5 IN.
06	LINER - SHUT DOWN PUMP TRUCK AND S.D.O.N.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 355
ISSUED 01/29/81

07 12-25 12-26 AND 12-27-80 SHUT DOWN FOR CHRISTMAS.
08 12-26-80 PAID FOR STAND BY TIME 750.
09 12-28-80 SUNDAY OFF

LABEL: -----
DAILY COST: 3700
CUM COST: 16200
DATE: 12-29-80
ACTIVITY: 12-29-80 STATUS: WELL HAD 600# TUBING PRESSURE.
02 BLED OFF - PUMPED 150 BBLs. OF HOT WATER TO KILL
03 WELL AND CLEAN OUT TUBING. P.O.O.H. WITH TUBING AND
04 FLAT BOTTOM MILL - LAYING DOWN 120 JOINTS OF WORK
05 STRING. HAD 25 JOINTS OF WORK STRING HAULED TO
06 1-383. S.D.O.N.

LABEL: -----
DAILY COST: 4300
CUM COST: 20500
DATE: 12-30-80
ACTIVITY: 12-30-80 STATUS: PUMPED WATER KILL WELL - PULLED
02 REST THE WAY OUT OF THE HOLE - PUT ON A 7 IN.
03 FULL BORE PACKER - R.I.H. - LANDED PACKER @ 1245# -
04 FILLED BACK SIDE. PUMPED HOT WATER DOWN TUBING.
05 DROP S.V. - PRESSURE CHECKED BACK SIDE TO 2000#
06 OK - PRESSURE CHECKED TUBING TO 6000# OK - PULLED S.V.
07 S.D.O.N.

LABEL: -----
DAILY COST: 27800
CUM COST: 48300
DATE: 12-31-80
ACTIVITY: 12-31-80 STATUS: KILLED WELL - TOOK BOPS OFF -
02 INSTALLED FRACK TREE - RIG UP ACIDIZING CREW -
03 ACIDIZED WELL WITH 15000 GALLONS OF 15 PERCENT
04 ACID. I.S. D.P. 4500# - 5 MIN. 2550# - 10 MIN.
05 2250# - 15 MIN. 1800# - 20 MIN. 1350# - AFTER 45
06 MINUTES WELL WENT ON VACUM - TOOK OFF FRACK TREE -
07 INSTALLED BOPS - P.O.O.H. S.D.O.N.

LABEL: FINAL REPORT
DAILY COST: 3050
CUM COST: 51350

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 355
ISSUED 01/29/81

DATE: 1-2 AND 1-3 AND 1-4 AND 1-5-81
 ACTIVITY: 1-2-81 STATUS: KILLED WELL. P.O.O.H. PUT ON A
 02 7 IN. GUIBERSON PACKER. R.I.H. WITH PACKER AND
 03 TUBING - PICKING UP GAS LIFT MANDERALS - LANDED
 04 PACKER @ 12515 - TOOK BOPS OFF - INSTALLED TREE
 05 PUT BACK ON PRODUCTION - S.D.O.N.
 06 1-3-81 STATUS: RIGGED DOWN AND MOVED RIG TO
 07 2-1084.
 08 1-3-81 OIL-69 WATER-84 GAS-300 MCF INJ.-346 MCF
 09 TUBING-175# CASING-1150# CHOKE-10/64 16 HOURS.
 10 1-4-81 OIL-250 WATER-230 GAS-725 MCF INJ.-538 MCF
 11 TUBING-175# CASING-1150# CHOKE-35/64 24 HOURS.
 12 1-5-81 OIL-187 WATER-235 GAS-712 MCF INJ.-531 MCF
 13 TUBING-175# CASING-1160# CHOKE-35/64 24 HOURS.

LABEL: -----
 DAILY COST: NONE
 CUM COST: 51350
 DATE: 1-6 AND 1-7-81
 ACTIVITY: 1-6-81 OIL-186 WATER-260 MCF GAS-754
 02 INJ. GAS-598 F.T.P.-200# CASING-1160# CHOKE-35/64.
 03 1-7-81 OIL-155 WATER-240 MCF GAS-740 INJ. GAS-557
 04 F.T.P.-50# CASING-1100# CHOKE-35/64.

LABEL: FINAL REPORT
 DAILY COST: FINAL REPORT
 CUM COST: 51350
 DATE: 1-8-81
 ACTIVITY: 1-8-81 ACTIVITY: OIL-158 WATER-245 MCF GAS-830
 02 INJ. GAS-621 FTP-50# CASING-1100# CHOKE-35/64

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

Brotherson

9. WELL NO.

1-28A4

10. FIELD AND POOL, OR WILDCAT

Altamont

11. SEC., T., S., M., OR BLE. AND SURVEY OR AREA

SEC. 28 T1S R4W
NE/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

751' FNL & 1130' FEL Sec. 28

14. PERMIT NO.

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

KB 6547'

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
(9/16-10/8/82)

Acid treated Wasatch (14,155'-15,696') with 25,000 gallons 7-1/2% HCL.
Perforated and acid treated Wasatch (12,530'-11,886', 14,064'-12,588') with 35,000 gallons 7-1/2% HCL.
Returned well to production.

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

SIGNED

Babyg Ellis

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:

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: FIRST REPORT
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 2200
CUM. COST: 2200
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 9-16 THRU 9-19-82
PRESENT STATUS: PULL BACK OUT OF LINER
ACTIVITY: AFE NO. 575607 PROVIDES FUNDS 175000 TO CO
02 PERF AND STIM THE WASATCH 9-16-82 ACTIVITY MOVE ON LOC SET
03 RIG AND SPOT EQUIPT SDON 9-17-82 DALITY COST
04 5907
05 CUM COST 8107 ACTIVITY BLEED PRESS OFF WELL
06 REMOVE TREE SET BOP WELL BLEW IN PUMP DOWN
07 TBG COULD NOT GET DONUT OUT OF HEAD REMOVE BOP
08 HOT OIL TRUCK PUMPED 150 BBLs OF 250
09 DEGREE H2O DOWN TBG INSTALL BOP TRY TO RELEASE
10 GUIBERSON UNI PKR VI WOULD NOT RELEASE RIG
11 UP POWER SWIVEL STILL WOULD NOT RELEASE SDON 9-18-82
12 ACTIVITY BLED PRESS OFF WELL PUMPED DOWN
13 TBG RIG UP SWIVEL PKR FINALLY CAME LOOSE
14 DRAGGING OUT OF HOLE POOH LAYING DOWN CAMCO
15 AND PKR RIH W/4 1/8 IN FOUR STAR MILL AND
16 SCRAPER TAGGED LINER TOP PICK UP SINGLES
17 AND RUN IN LINER TO 13300 PLUS OR MINUS
18 PULL BACK OUT OF LINER SDON
19 9-19-82 SUNDAY

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 2250
CUM. COST: 10357
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 9-20-82
PRESENT STATUS: 9-20-82 STATUS: SET PKR.
ACTIVITY: 9-20-82 ACTIVITY: FINISHED CLEANING OUT 5
02 INCH LINER. RIH W/5 INCH MT. STATES PKR. AND TBG. SET PKR.
03 AT 14130 PLUS OR MINUS. S.D.O.N.

STATE:
FIELD:

UTAH
ALTAMONT

WELL: BROTHERTON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 3034
CUM. COST: 13391
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 9-21 AND 9-22-82
PRESENT STATUS: 9-22-82 STATUS: R.D. NOWSCO.
ACTIVITY: 9-21-82 ACTIVITY: BLEED PSI OFF WELL. PUMP 100
02 BBLs. 250 DEGREE H2O DOWN TBG. DROP STD. VALVE AND
03 TEST TBG. TO 6500 HELD PSI. R.D. DELSCO TO PULL
04 STD. VALVE COULD NOT PULL VALVE FREE. R.D. DELSCO
05 SLIP DRILL LINE RELEASE PKR. POOH STD. VALVE NOT
06 AT S.N. CHANGE OUT PKR. DRIFT TBG. IN HOLE FOUND
07 STD. VALVE AT APPROX. 12000 FT. START IN HOLE TO
08 4000 FT. S.D.O.N. 9-22-82 DAILY COST 35523 CUM. COS
09 45880. ACTIVITY: F.R.I.H. W/PKR. AND TBG. SET
10 PKR. AT 14145 FT. REMOVE BOP AND SET WELLHEAD ON.
11 R.U. NOWSCO TO ACIDIZE ACCORDING TO PROG. TREATED
12 PERFS FROM 14155 TO 15696. 436 HOLES.
13 MAX PSI 8300 MAX RATE 16 AVG PSI 7661 AVG RATE
14 13.3 MIN. PSI 7022 MIN. RATE 10.5 ISIP 3000
15 5 MIN 600 10 MIN 0 15 MIN 0 20 MIN 0
16 CSG. 2600 BALLS 333 BAF 3500 LBS. ACID 595 BBLs.
17 FLUSH 110 BBLs. TOTAL 705 BBLs. R.D.
18 NOWSCO. REMOVE WELLHEAD PUT BOP ON. S.D.O.N.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 6823
CUM. COST: 131057
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 9-23 THRU 9-26-82
PRESENT STATUS: 9-26-82 STATUS: - SUNDAY
ACTIVITY: 9-23-82 ACTIVITY: R.U. OWP RUN RA LOG
FROM 15730 PLUS OR MINUS TO 13900 PLUS OR MINUS
R.D. OWP. RELEASED PKR. CAME OUT OF HOLE W/TBG AND
PKR. OWP RAN IN HOLE AND SET CIBP AT 14130 PLUS OR
MINUS. SDON 9-24-82 DAILY COST 32064
CUM COST 84767 ACTIVITY: RU OWP PERF FROM 12530 TO
11,886' 11885 FT. AND FROM 14064 TO 12588 FT. 405 HOLES.
R.D. OWP RIH W/7 INCH MT. STATES 32 A PKR. AND
APPROX. 4000 FT. TBG. S.D.O.N. 9-25-82
ACTIVITY: FINISH RIH W/TBG. WELL BLEW OUT AT APPROX.
6000 FT. IN HOLE. PUMPED 500 BBLs. WTR. DOWN TBG.
TO KILL WELL. SET 7 INCH MT./ STATES PKR. AT 11750FT.
PSI TESTED CSG TO 3000 LBS. SET WELLHEAD ON.
SDON 9-26-82 SUNDAY.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 46290
CUM. COST: 131057
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 09-27-82
PRESENT STATUS: ACIDIZE
ACTIVITY: 09-27-82 ACTIVITY RIG UP NOWSCO ACIDIZE
02 ACCORDING TO PROG ACID TREAT PERFS 11886 FT
03 TO 14120 FT 125 OLD AND 405 NEW MAX PRESS
04 8700 MAX RATE 19 AVG PRESS 7745 AVG RATE 14.1
05 MIN PRESS 6790 MIN RATE 9.2 ISIP 3510 5 MIN
06 3040 10 MIN 2900 15 MIN 2740 20 MIN 2600
07 CSG 2500 BALLS 500 BAF 6000 LBS ACID 833
08 FLUSH 130 TOTAL 963 BBLs

STATE:
FIELD:

UTAH
ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 8650
CUM. COST: 139707
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 09-28-82
PRESENT STATUS: MILL OUT CIBP PUSH TO BOTTOM PUT WELL TO GAS LIFT
ACTIVITY: 09-28-82 ACTIVITY SHUT IN WELLHEAD PRESS AT
02 7 A.M. 0 MIRU OWP AND RUN RA LOG FROM 14109 FT
03 TO 11700 FT POOH RIG DOWN OWP LOG INDICATES 90
04 PERCENT TREATMENT OF PERFS INTERVAL INSTALL
05 BPU VALVE REMOVE WELLHEAD AND INSTALL BOPS
06 REMOVE BPU RELEASE PKR AND POOH MAKE UP
07 4 1/8 IN MILL RIH TO 4000 FT SDON 09-29-82
08 STATUS MILL OUT CIBP PUSH TO BOTTOM RETURN
09 WELL TO GAS LIFT

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: 3800.
CUM. COST: 143507
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 9-29 AND 9-30-82
PRESENT STATUS: 9-30-82 STATUS: RETURN WELL TO PRODUCTION.
ACTIVITY: 9-29-82 ACTIVITY: RIH TO 14109 FT. AND TAG.
02 PICK UP POWER SWIVEL AND STARTED MILLING ON CIBP
03 MILLED FOR 2 HRS. BEFORE MILLING THROUGH CIBP
04 PUSHED REMAINDER OF BP TO FBTD AT 15730 FT.
05 S.O.O.H. LAYING DOWN TBG. S.D.O.N.
06 9-30-82 STATUS: RUN PRODUCTION EQUIPMENT AND RETURN
07 WELL TO PRODUCTION.
08 THIS WILL BE THE LAST RIG REPORT ON THIS LOCATION
09 BUT THERE WILL BE TEST DATA FOR A WEEK REPORTED.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WQW 17
AUTH. AMNT: 175000
DAILY COST: 4300
CUM. COST: 147807
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 9-30 AND 10-1-82
PRESENT STATUS: 10-1-82 STATUS: INSTALL PROD. RETURN WELL TO PROD.
ACTIVITY: 9-30-82 ACTIVITY: POOH W/TBG MAKE UP GUIBERSON 7
02 INCH UNI PKR. RIH W/GAS LIFT MANDRELS PER PROG
03 HAD TO KILL WELL 4 TIMES WHILE RIH. SET PKR. AT
04 11800 FT. PLUS OR MINUS LAND TBG. W/16000 LBS. TENSION
05 S.I. WELL OVER NIGHT S.D.O.N.
06 10-1-82 STATUS: INSTALL PRODUCTION RETURN WELL TO
07 PRODUCTION R.D. AND MOVE TO 1-33A5.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-28A4

LABEL: -----
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WQW 17
AUTH. AMNT: 175000
DAILY COST: 3600
CUM. COST: 151407
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

DATE(S): 10-1-82
PRESENT STATUS: 10-1-82 STATUS: TURN WELL TO PROD.
ACTIVITY: 10-1-82 ACTIVITY: INSTALL BPV REMOVE BOPS AND
02 INSTALL 5000 LBS. WELLHEAD HOOK UP FLOWLINE AND
03 RETURN WELL TO PRODUCTION. R.D. AND PREPARE TO
04 MOVE TO 1-33A5 REMOVE BPV AND TURN WELL OVER TO
05 PRODUCTION.

STATE: UTAH
FIELD: ALTAMONT
WELL: BROTHERSON 1-28A4
LABEL: FINAL REPORT
WO NO.: 575607
FOREMAN: BARRY THOMPSON
RIG: WOW 17
AUTH. AMNT: 175000
DAILY COST: FINAL REPORT
CUM. COST: 151407
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: PERF AND STIM

104 BOPD 73% WC
287 BWPP

DATE(S): 10-08-82
PRESENT STATUS: RIG MOVED OFF LOCATION 10-01-82 TEST DATA FOLLOWS FOR 7 DAYS
ACTIVITY: THE FOLLOWING TEST DATA IS FOR 24 HRS UNLESS
02 OTHERWISE STATED 10-02-82 OIL 179 WTR 353
03 MCF 963 INJ 665 TBG 200 CHOKE 40/10 10-03-82
04 OIL 96 WTR 0 MCF 866 INJ 581 TBG 200 CHOKE
05 40/10 10-04-82 OIL 143 WTR 343 MCF 781 INJ 481 TBG
06 100 CHOKE 40/8 10-05-82 OIL 103 WTR 300 MCF 625 INJ
07 496 TBG 100 CHOKE 40/8 10-06-82 OIL 92 WTR
08 378 MCF 618 INJ 496 TBG 50 CHOKE 40/8 10-07-82
09 OIL 92 WTR 456 MCF 732 INJ 543 TBG 50 CHOKE
10 40/8

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

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

Dear Mr. Stout:

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

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

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

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

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

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

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

Yours very truly,

G. M. Jobe

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

GMJ:beb

Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address

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

Duckey
N/C

PO BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

Operator name
change

Utah Account No. NO840

Report Period (Month/Year) 8 / 84

Amended Report

Well Name	Producing	Days	Production Volume				
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
RUDY 1-11B3	4301330204	01820 02S 03W 11	WSTC	27	1821	2431	2818
SHELL OTE 1-38A3	4301330263	01821 01S 03W 36	WSTC	28	1641	6288	3218
CROOK 1-05B4	4301330213	01825 02S 04W 6	WSTC	21	1552	2251	6961
POTTER 1-02B5	4301330293	01826 02S 05W 2	WSTC	30	416	1898	1785
OTE UNIT 1-12B3	4301330205	01830 02S 03W 12	GR-WS	27	510	497	668
FELDESTED 1-29A4	4301330276	01831 01S 04W 29	GRRV	21	325	196	7874
OTE UNIT 1-07B2	4301330206	01835 02S 02W 7	WSTC	25	1518	2500	10222
MONT 1-21B4	4301330214	01840 02S 04W 21	WSTC	22	1903	16632	13815
BROTHERSON 1-28A4	4301330292	01841 01S 04W 28	WSTC	31	747	1412	5031
LAWRENCE 1-30B4	4301330220	01845 02S 04W 30	WSTC	31	1187	0	2910
SHELL OTE 1-08A1E	4304730173	01846 01S 01E 8	WSTC	24	1086	298	502
FLY DIMND RPR 1-14B3	4301330217	01850 02S 03W 14	WSTC	27	721	1149	2650
OTE TRBL 1-33Z2	4301330334	01851 01N 02W 33	GRRV	31	2424	1312	7229
TOTAL					15851	36864	65683

001 - 2

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

SUNDRY NOTICES AND REPORTS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
UTEX OIL COMPANY

3. ADDRESS OF OPERATOR
1245 E. Brickyard Rd., Ste. 600, Salt Lake City

4. LOCATION OF WELL (Report location clearly and in accordance with any See also space 17 below.)
At surface 751' FNL 1,130'

14. PERMIT NO. 43-013-30292

15. ELEVATIONS (Show whether depth or surface) 6,547' KB

NAME	ACTION CODE(S)	INTL
NORM		9
TAMI		
VICKY		
CLAUDIA		
STEPHANE		
CHARLES		
RULA	2	Rm
MARY ALICE		
CONNIE		
MILLIE		
PAM	FILE	JK

Required Action Code

1. Data Entry
2. Filming
3. Posting
 - a. Card Index
 - b. File Label
 - c. Lists
4. Bonding Verification
5. Other (See Norm)

16. Check Appropriate Box To Indicate Notice of Intention to:

TEST WATER SHUT-OFF <input checked="" type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)

Utex plans to install a bridge plug in this hole at 15,270' to shut off water production from the Lower Wasatch.

RECEIVED
MAR 19 1986
DIVISION OF OIL, GAS & MINING

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct
SIGNED C. L. Brasher TITLE Production Engineer DATE 3/7/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

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

DATE: 3-26-86
BY: John K. Day

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 UTEX OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1245 E. Brickyard Rd., Ste. 600, Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 751' FNL 1,130' FEL		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30292	15. ELEVATIONS (Show whether of, to, or, etc.) 6,547' KB 6,518' GL	9. WELL NO. 1-28A4
		10. FIELD AND POOL, OR WILDCAT Altamont/Bluebell
		11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 28, T1S, R4W
		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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

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.)

Utex plans to install a bridge plug in this hole at 15,270' to shut off water production from the Lower Wasatch.

RECEIVED
MAR 19 1986

DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

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

SIGNED C. L. Bracher TITLE Production Engineer DATE 3/7/86

(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: 3-26-86
BY: John R. Day

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

PERMIT IN TRIPLICATE
(Other instructions on reverse side)

010943

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., E., M., OR B.L.E. AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE

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

RECEIVED
DEC 31 1986

DIVISION OF
OIL GAS & MINING

Brotherson

1-28A4

Sec. 28 15 4w

Duchone

14. PERMIT NO.
43-013-30292

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

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) - Change Operator

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

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.)*

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 Mc Kibben

TITLE

Dist. Land Mgr.

DATE

12/24/86

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
CR00K 1-06B4 4301330213 01825 02S 04W 6	WSTC				
POTTER 1-02B5 4301330293 01826 02S 05W 2	WSTC				
UTE UNIT 1-12B3 4301330205 01830 02S 03W 12	GR-WS				
FIELDSTED 1-29A4 4301330276 01831 01S 04W 29	GR-WS				
UTE UNIT 1-07B2 4301330206 01835 02S 02W 7	WSTC				
HUNT #2-21B4 4301331114 01839 02S 04W 21	WSTC				
HUNT 1-21B4 4301330214 01840 02S 04W 21	WSTC				
BROTHERSON 1-28A4 4301330292 01841 01S 04W 28	WSTC				
LAWRENCE 1-30B4 4301330220 01845 02S 04W 30	WSTC				
SHELL UTE 1-08A1E 4304730173 01846 01S 01E 8	WSTC				
FLYING DIAMOND ROPER 1-14B3 4301330217 01850 02S 03W 14	WSTC				
UTE TRBL 1-33Z2 4301330334 01851 01N 02W 33	WSTC				
BABCOCK 1-18B3 4301330219 01855 02S 03W 18	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. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,

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

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

RECEIVED
OCT 28 1988

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen. If going back to a different year, 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 ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		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 751' FNL & 1130' FEL		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30292	15. ELEVATIONS (Show whether DP, RT, GR, etc.) 6518' GL	9. WELL NO. 1-28A4
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA Section 28, T1S-R4W
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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) Beam Pump Conversion

(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 Production Company proposes to convert the above-referenced well from gas lift to beam pump to reduce lifting costs and increase production.

18. I hereby certify that the foregoing is true and correct
SIGNED Chileen Danni Dey TITLE Regulatory Analyst DATE October 26, 1988

(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: 11-9-88
BY: John R. Bay

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS

RECEIVED
OCT 28 1988

(Do not use this form for proposals to drill or to deepen or re-work a well. 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 ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		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 751' FNL & 1130' FEL		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30292		9. WELL NO. 1-28A4	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 6518' GL		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR ABBA Section 28, T1S-R4W	
		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 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.)*

Proposed Procedure:

1. ND wellhead. NU BOPE. TOO H w/tbg & pkr.
2. Clean out wellbore to PBTD (15,730'). Note liner top @ 12,543'. DO CIBP @ 14,513'.
3. RU wireline company. Run Schlumberger METT log or equivalent in 7" csg from TOC to SFC.
4. TIH w/cmt ret. for 5", 18# csg. Set retainer @ 15,275'. Cmt squeeze 15,275-15,730' to a maximum of 3000 psi. Unsting from retainer and TOO H.
5. TIH w/pkr for 5", 18# csg. Set pkr @ 11,400'. Acidize perms 11,495-15,257' w/23,000 gals 15% HCL + additives. TOO H w/pkr.
6. Return well to production.

18. I hereby certify that the foregoing is true and correct
SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE October 26, 1988

(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: 11-9-88
John R. Boye

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brotherson

9. WELL NO.
1-28A4

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 28, T1S-R4W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

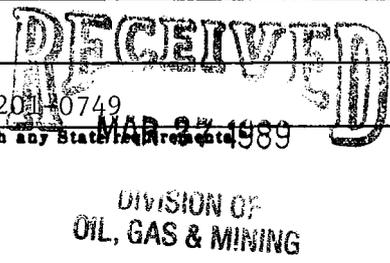
2. NAME OF OPERATOR
ANR Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State law or regulation. See also space 17 below.)
At surface
751' FNL & 1130' FEL

14. PERMIT NO.
43-013-30292

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
6518' GL



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

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

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

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

January 9-30, 1989:

- MIRU. ND wellhead. NU BOPE. POOH w/tbg & pkr.
- CO wellbore to 15,712'. Run METT csg inspection log from 9000' to surface. Run multi-finger caliper log from 9000'-surface.
- RIH w/5" CIBR & set @ 15,275'. Cmt squeeze 15,275-15,730' w/100 sx cl "G" cmt + add. to 3800 psi. Unsting from retainer & POOH.
- Tag cmt top @ 13,605' (1670' above CIGR). DO cmt to 15,250' leaving 25' cap on CIGR.
- Perf Wasatch formation w/3-1/8" csg gun, 3 SPF as follows:

RUN	DEPTH	FEET	HOLES	PSI
1	14,584-14,289'	17'	51	0#
2	14,281-14,046'	22'	66	0#
3	14,038-13,620'	19'	57	0#
4	15,236-14,930'	16'	48	0#
5	14,926-14,598'	15'	45	0#
	TOTAL	89'	267	

- Acidize well w/23,000 gals 15% HCL w/add. ATP 7800#, AIR 10 BPM, ISIP 3650#.
- RIH w/7" pkr & set @ 11,539'. ND BOPE. NU wellhead. RDSU. Place well on gas lift production.

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE March 23, 1989

(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

6. Lease Designation and Serial Number

Patented

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Brotherson #1-28A4

10. API Well Number

43-013-30292

11. Field and Pool, or Wildcat

Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well

- Oil Well
- Gas Well
- Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 751' FNL & 1130' FEL
QQ, Sec. T., R., M. : NENE, Section 28, T1S-R4W

County : Duchesne

State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion _____

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

* Must be accompanied by a cement verification report.

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

ANR Production Company requests permission to close the existing emergency pit on the above-referenced location using microbial remediation and install a lined pit. The liner will be seamless, 30 MIL, and 20 year warranted. Any emergency use of this pit will be reported to your office as soon as possible and the pit will be emptied and the liquids disposed of in an approved manner within 48 hours following its use, unless otherwise instructed by your office.

(Please see the attached letter submitted to your office 5/7/91 further describing this project.)

RECEIVED

JUL 01 1991

DIVISION OF

OIL, GAS & MINING

14. I hereby certify that the following is true and correct:

Name & Signature

Eileen Dana Day

Title Regulatory Analyst Date 6/27/91

(State Use Only)

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

DATE: 7-9-91
BY: [Signature]

RECEIVED

JUL 01 1991

State of Utah
May 7, 1991
Page - 2 -

**DIVISION OF
OIL, GAS & MINING**

Our intent is simple. COG will construct an emergency pit immediately adjacent to the existing pits. The new pit's size will be held to a minimum, yet large enough to provide adequate protection. The new pit will be lined using a 30 mil, 20 year warranty, seamless liner. All emergency piping will be removed from the pit to be closed and diverted to the new lined excavation. The old pit will be closed by microbe or other closure technology.

COG feels we are eliminating the potential environmental liability exposure of the past practice of unlined pits. Additionally, the now lined pits afford COG, as a prudent operator, the opportunity to keep the pits clean, remove any liquids as a result of upset conditions within 48 hours and most importantly the pit liner will be inspected on a documented scheduled basis for maximum efficiency. If a problem is noted, corrections will receive priority attention.

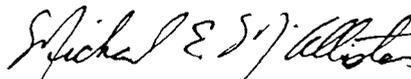
The pits listed in your letters to Coastal Oil & Gas Corporation and ANR Production Company Co., Inc. will be the first pits on our state leases to be closed.

To re-confirm our position, COG conducts it's operations in an environmentally sound manner. With the State of Utah's approval for the installation of "lined emergency pits", we will continue with our planned pit closure program. At the same time this program offers future protection to the groundwater and other natural resources in Utah.

Your approval of COG's request to install "lined emergency pits" would be appreciated. Additionally, at your request COG will provide the State of Utah with a copy of our Waste Management Program.

If there are any questions or if additional information is needed, please do not hesitate to call.

Very truly yours,



Michael E. McAllister, Ph.D.

MEM:sc

bcc: R.L. Bartley
E. Dey
W.L. Donnelly
L.P. Streeb

Form 8
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS:

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

6. Lease Designation and Serial Number	Patented
7. Indian Allottee or Tribe Name	N/A
8. Unit or Communitization Agreement	N/A
9. Well Name and Number	Brotherson #1-28A4
10. API Well Number	43-013-30292
11. Field and Pool, or Wildcat	Altamont

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator ANR Production Company	
3. Address of Operator P.O. Box 749 Denver, CO 80201-0749	
4. Telephone Number (303) 573-4476	
5. Location of Well	

Footage : 751' FNL and 1130' FEL
 County : Duchesne
 QG. Sec. T, R, M. : NE/NE Section 23, T1S, R4W
 State : UTAH

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

NOTICE OF INTENT
 (Submit in Duplicate)

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

SUBSEQUENT REPORT
 (Submit Original Form Only)

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

Approximate Date Work Will Start 7/1/92

Date of Work Completion _____

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

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

Please see the attached procedure to perform a water shut, add new perforations, and acidize the above-referenced well.

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

DATE: 6-24-92
 BY: [Signature]

RECEIVED

JUN 22 1992

DIVISION OF
 OIL GAS & MINING

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

Name & Signature [Signature]
 (State Use Only) Elleen Danni Day

Title Regulatory Analyst Date 6/18/92

WORKOVER PROCEDURE

Brotherson #1-28A4
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 751' FNL & 1130' FEL
Elevation: 6518' GL, 6547' KB
Total Depth: 16,000' PBD: 15,730'
Casing: 9-5/8", 40#, K-55 & N-80 set @ 7000'
7", 26#, S-95 set @ 12,748'
5", 18#, N-80 & S00-95 set 12,543-16,000'
Tubing: 2-7/8", 6.5#, N-80 tubing set @ 10,491' w/B-2 anchor

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>B/F Capacity</u>	<u>psi Burst</u>	<u>psi Collapse</u>
7", 26#, S-95	6.276"	6.151	.0382	8600	7800
5", 18#, N-80	4.276"	4.151"	.0177	10140	10490
5", 18#, S00-95	4.276"	4.151	.0177	12040	13020
2-7/8", 6.5#, N-80	2.441"	2.347	.00579	10570	11160

Present Status: Well Produces 28 BO, 66 BW, & 25 MCFD on rod pump from Wasatch perms 11,866-15,804'.

PROCEDURE

1. MIRU service rig. Kill well. POOH with rods, pump and tubing.
2. Clean out 7" casing and 5" liner to 13,550'.
3. Wireline set CIBP at 13,510. Dump 2 sx cement on top. Perforate Wasatch formation 11,721-13,474' with 3 spf and 120° phasing using 3-1/8" casing gun as per attached schedule.
4. PU 7" x 3-1/2" packer on 3-1/2" tubing and TIH. Set packer @ ±11,750'.
5. Acidize Wasatch-Green River perms 11,721-13,474' with 21,000 gals 15% HCl with additives and 1000 l.l s.g. ball sealers.
 - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor and 100 bbls condensate.
 - B. All water to contain 3% KCl.
 - C. Acidize in 9 stages of 4000 gals each with diverter stages of 1000 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
 - D. Acid to be pumped at maximum rate possible @ 8500 psig maximum pressure.
 - E. All fluids to be pumped at 150°F.
6. Flow back acid load. Unseat pkr and POOH, laying down tubing and packer.
7. Rerun production equipment and return well to production.

Greater Altamont Field
ANR - Brotherson #1-28A4
NE/4 Section 28, T1S-R4W
Duchesne County, Utah

PERFORATION SCHEDULE

Depth Reference: Schlumberger BHC Sonic Runs 1, 2 (4/8/74, 5/14/74)

13474	12727	11888
13462	12713	11883
13452	12709	11878
13411	12703	11872
13405	12692	11859
13398	12587	11853
13388	12567	11837
13382	12564	11834
13376	12552	11821
13366	12541	11815
13353	12529	11809
13342	12485	11798
13300	12400	11797
13222	12385	11790
13196	12179	11781
13178	12140	11766
13113	12127	11761
13020	12086	11744
12826	12053	11737
12753	12042	11730
		11726
		11721

Gross Wasatch Interval 11,721'-13,474' 62 feet, 51 zones.

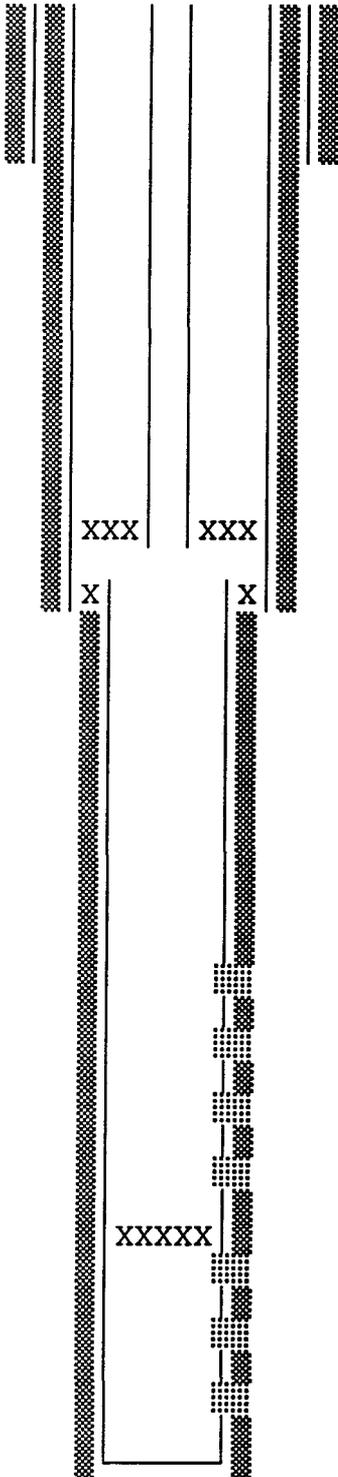
RJL

RJL
5/27/92

BROTHERSON #1-28A4

SECTION 28-T1S-R4W
ALTAMONT FIELD

DUCHESNE CO., UTAH



SURFACE CASING: 9-5/8", 40#, K-55 & N-80
LT&C SET @ 7000'

INTERMEDIATE CASING: 7", 26# S-95, LT&C SET
@ 12,748'

PRODUCTION LINER: 5", 18#, N-80 & SOO-95 SET
@ 12,543-16,000'

TUBING: 2-7/8", 6.5#, N-80, EUE TUBING @
10,491 W/ B-2 ANCHOR CATCHER

WASATCH PERFS: 11,866'-15,804'
TOTAL 981 HOLES

CIPB SET @ 15,275'

TD @ 16,000' PBSD @ 15,730'

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

07265

RECEIVED
SUNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill new wells; deepen existing wells; or re-enter plugged and abandoned wells.
Use APPLICATION FOR PERMIT 1993 such proposals.

6. Lease Designation and Serial Number	Patented
7. Indian Allottee or Tribe Name	N/A
8. Unit or Communitization Agreement	N/A
9. Well Name and Number	Brotherson #1-28A4
10. API Well Number	43-013-30292
11. Field and Pool, or Wildcat	Altamont

1. Type of Well
 Oil Well Gas Well

2. Name of Operator
 ANR Production Company

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

4. Telephone Number
 (303) 573-4476

5. Location of Well
 Footage: 751' FNL and 1130' FEL
 CQ. Sec. T. R. M.: NE/NE Section 23, T1S, R4W
 County: Duchesne
 State: UTAH

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Multiple Completion
<input type="checkbox"/> Other	<input type="checkbox"/> Other
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Recompletion
<input checked="" type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Vent or Flare
<input checked="" type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Water Shut-Off

Approximate Date Work Will Start: 7/1/92

Date of Work Completion: _____

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

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

Please see the attached procedure to perform a water shut, add new perforations, and acidize the above-referenced well.

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

DATE: 6-24-92
BY: J. Matthews

RECEIVED
JUN 22 1992
DIVISION OF
OIL GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature: [Signature] Title: Regulatory Analyst Date: 6/18/92

WORKOVER PROCEDURE

Brotherson #1-28A4
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 751' FNL & 1130' FEL
Elevation: 6518' GL, 6547' KB
Total Depth: 16,000' PBDT: 15,730'
Casing: 9-5/8", 40#, K-55 & N-80 set @ 7000'
7", 26#, S-95 set @ 12,748'
5", 18#, N-80 & S00-95 set 12,543-16,000'
Tubing: 2-7/8", 6.5#, N-80 tubing set @ 10,491' w/B-2 anchor

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>B/F Capacity</u>	<u>psi Burst</u>	<u>psi Collapse</u>
7", 26#, S-95	6.276"	6.151	.0382	8600	7800
5", 18#, N-80	4.276"	4.151"	.0177	10140	10490
5", 18#, S00-95	4.276"	4.151	.0177	12040	13020
2-7/8", 6.5#, N-80	2.441"	2.347	.00579	10570	11160

Present Status: Well Produces 28 BO, 66 BW, & 25 MCFD on rod pump from Wasatch perms 11,866-15,804'.

PROCEDURE

1. MIRU service rig. Kill well. POOH with rods, pump and tubing.
2. Clean out 7" casing and 5" liner to 13,550'.
3. Wireline set CIBP at 13,510. Dump 2 sx cement on top. Perforate Wasatch formation 11,721-13,474' with 3 spf and 120° phasing using 3-1/8" casing gun as per attached schedule.
4. PU 7" x 3-1/2" packer on 3-1/2" tubing and TIH. Set packer @ ±11,750'.
5. Acidize Wasatch-Green River perms 11,721-13,474' with 21,000 gals 15% HCl with additives and 1000 1.1 s.g. ball sealers.
 - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor and 100 bbls condensate.
 - B. All water to contain 3% KCl.
 - C. Acidize in 9 stages of 4000 gals each with diverter stages of 1000 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
 - D. Acid to be pumped at maximum rate possible @ 8500 psig maximum pressure.
 - E. All fluids to be pumped at 150°F.
6. Flow back acid load. Unseat pkr and POOH, laying down tubing and packer.
7. Rerun production equipment and return well to production.

Greater Altamont Field
ANR - Brotherson #1-28A4
NE/4 Section 28, T1S-R4W
Duchesne County, Utah

PERFORATION SCHEDULE

Depth Reference: Schlumberger BHC Sonic Runs 1, 2 (4/8/74, 5/14/74)

13474	12727	11888
13462	12713	11883
13452	12709	11878
13411	12703	11872
13405	12692	11859
13398	12587	11853
13388	12567	11837
13382	12564	11834
13376	12552	11821
13366	12541	11815
13353	12529	11809
13342	12485	11798
13300	12400	11797
13222	12385	11790
13196	12179	11781
13178	12140	11766
13113	12127	11761
13020	12086	11744
12826	12053	11737
12753	12042	11730
		11726
		11721

Gross Wasatch Interval 11,721'-13,474' 62 feet, 51 zones.

RJL
RJL
5/27/92

BROTHERSON #1-28A4

SECTION 28-T1S-R4W
ALTAMONT FIELD

DUCHESNE CO., UTAH

SURFACE CASING: 9-5/8", 40#, K-55 & N-80
LT&C SET @ 7000'

INTERMEDIATE CASING: 7", 26# S-95, LT&C SET
@ 12,748'

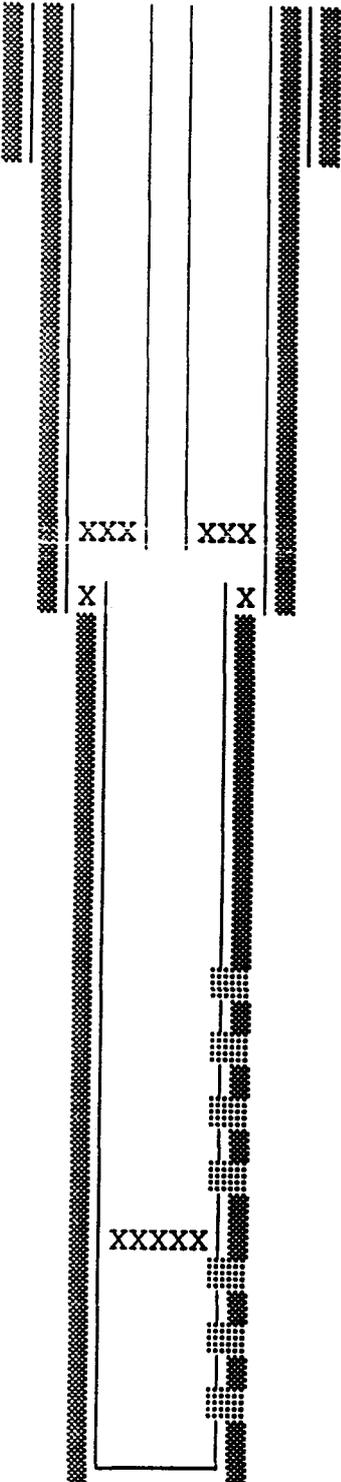
PRODUCTION LINER: 5", 18#, N-80 & SOO-95 SET
@ 12,543-16,000'

TUBING: 2-7/8", 6.5#, N-80, EUE TUBING @
10,491 W/ B-2 ANCHOR CATCHER

WASATCH PERFS: 11,866'-15,804'
TOTAL 981 HOLES

CIPB SET @ 15,275'

TD @ 16,000' PBSD @ 15,730'



Form 9
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS:

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

6. Lease Designation and Serial Number Patented
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Brotherson #1-28A4
10. API Well Number 43-013-30292
11. Field and Pool, or Wildcat Altamont

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
 ANR Production Company

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

4. Telephone Number
 (303) 573-4476

5. Location of Well
 Footage : 751' FNL and 1130' FEL
 Co. Sec. T. R. M. : NE/NE Section 28, T1S, R4W
 County : Duchesne
 State : UTAH

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

NOTICE OF INTENT
 (Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
 (Submit Original Form Only)

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

✓ Date of Work Completion 10/29/92

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

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

Please see the attached chronological history for the cleanout, perf and acid job performed on the above-referenced well.

RECEIVED
 DEC 07 1992
 DIVISION OF
 OIL GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature: *Chloe Marie Ray* Title: Regulatory Analyst Date: 12/3/92

Date Use Only: _____

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (CO, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 51.386314% ANR AFE: 64147

PAGE 2

- 10/28/92 TIH w/rod pump. Pump 100 bbls down tbg @ 250 deg by 7:00 a.m. Cont LD 3-1/2" tbg - 388 jts total. (Pump hot wtr down csg while LD tbg to keep tbg clean.) Change equip over for 2-7/8". PU MSOT 7" 26# TAC & TIH w/prod tbg. PU 6' tbg sub & tbg hanger. Set 7" TAC @ 10,518' in 18,000# tension. Land hanger. RD floor. ND BOP. Remove 6' sub from under hanger. Re-land hanger. SDFN @ 6:30 p.m.
DC: \$3,861 TC: \$104,830
- 10/29/92 Final - well pmpg. Flush tbg w/65 bbls prod wtr @ 250 deg by 7:00 a.m. Change equipment for rods. PU and prime 2-1/2" x 1-3/4" x 24 x 26-1/2 recond pump and TIH w/4 - 1", 162 - 3/4", 125 - 7/8", 121 - 1" rods. Note: Galled #6 - 7/8" rod (97 - 1990') on way in hole. Replace w/1" at top of string. PU 1 - 6', 1 - 4', 1 - 2 x 1" subs & polish rod. Seat pump. Fill tbg w/27 bbls prod wtr & test to 500 psi, held. Stroke pump w/rig. Good pump action. PU HH & space rods out 48" off DBL tag & hang rods on w/34" above clamps. Pump 20 bbls down flowline @ 180 deg. Clean & store equip. Rack out pump & lines. Clean location. RD. Start unit @ 1:30 p.m. Move off.
DC: \$8,892 TC: \$113,722
- 10/29/92 Pmpd 177 BO, 125 BW, 98 MCF/18 hrs.
- 10/30/92 Pmpd 184 BO, 110 BW, 37 MCF.
- 10/31/92 Pmpd 473 BO, 102 BW, 192 MCF.
- 11/1/92 Pmpd 200 BO, 188 BW, 192 MCF.
- 11/2/92 Pmpd 136 BO, 120 BW, 276 MCF.
- 11/3/92 Pmpd 163 BO, 182 BW, 301 MCF.
- 11/4/92 Pmpd 158 BO, 224 BW, 291 MCF.
- 11/5/92 Pmpd 134 BO, 125 BW, 275 MCF.
- 11/6/92 Pmpd 121 BO, 90 BW, 253 MCF.
- 11/7/92 Pmpd 124 BO, 61 BW, 259 MCF.
- 11/8/92 Pmpd 90 BO, 65 BW, 259 MCF.
- 11/9/92 Pmpd 95 BO, 63 BW, 259 MCF.
- Prior prod: 9 BOPD, 35 BWPD, 25 MCFPD. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (CO, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 51.386314% ANR AFE: 64147
TD: 16,000' PBD: 15,730'
CSG: 5" @ 12,543'-16,000'
PERFS: 11,721'-15,804'
CWC(M\$): 138.8

PAGE 1

- 10/19/92 Change equip over for tbg. MIRU. Rod pump stuck. Pmpd 580 bbls prod wtr down csg w/rig pump. POOH w/rods. SDFN w/well open to flowline @ 6:30 p.m.
DC: \$4,992 TC: \$4,992
- 10/20/92 POOH w/7" csg scraper. NU BOP. POOH w/170 stds 2-7/8" EUE tbg and 4-1/2" N-80 PBGA & perf jt and TAC. PU 7" csg scraper and 412 joints 2-7/8" EUE. Tagged firm scale @ 12,518'. Work tbg 42' & tag 5" LT @ 12,560' SLM (12,543' WLM). POOH w/32 jts 2-7/8" tbg. SDFN.
DC: \$3,394 TC: \$8,386
- 10/21/92 CO 5" liner. Cont POOH w/368 jts 2-7/8" tbg. LD 7" csg scraper. PU 4-1/8" mill & CO tools w/39 jts 2-3/8" tbg. TIH w/368 jts 2-7/8" tbg. SDFN w/4-1/8" mill @ 12,503'.
DC: \$2,672 TC: \$11,058
- 10/22/92 Perf w/Cutters. Cont in hole w/4-1/8" mill. Tag 5" LT @ 12,560' (SLM). Had some scale at LT and at 12,590'. Cont in thru 5" liner w/403 total 2-7/8" tbg to 13,559'. LD 63 jts 2-7/8" tbg. POOH w/340 jts 2-7/8" tbg. LD 39 jts 2-3/8" tbg and CO tools & 4-1/8" mill. Tbg was clean of debris. Mill was good. RU Cutters. Set CIBP @ 13,510'. Dump bail 2 sx cmt on CIBP. SDFN @ 4:30 p.m.
DC: \$6,059 TC: \$17,117
- 10/23/92 RU Halliburton. Perf Wasatch fmn 11,721'-13,474' w/3-1/8" csg guns, 3 SPF on 120 deg phasing, 51 zones, 62', 186 holes. #1: 12,709'-13,474', 23', 69 holes, 0 psi, FL 9400'; #2: 11,872'-12,703', 21', 63 holes, 0 psi, 9300'; #3: 11,721'-11,859', 18', 54 holes, 0 psi, 9300'. RD Cutters. PU MSOT 7" 26# HD pkr & XO. Meas & PU 388 jts 3-1/2" 9.3# EUE tbg (top jt P-105), set 7" pkr @ 11,663' in 30,000# compr. Fill csg w/240 bbls prod wtr (FL @ 9000'). Test csg to 2000 psi. Leaked 1300 psi in 5 min. Bump up to 2000 psi & isolate csg. Leak 1300 psi in 5 min, 1/3 BPM would press back up to 2000 psi. Drain pump & lines. SDFN @ 9:30 p.m.
DC: \$21,081 TC: \$38,198
- 10/26/92 Swab 3-1/2". RU Halliburton & acidize Wasatch fmn 11,721'-13,474' w/36,000 gal 15% HCl + additives of BAF, rock salt, 1000 - 1.1 BS's & 100 bbls condensate. MIR 29 BPM, AIR 18.5 BPM. MTP 9300 psi, ATP 8300 psi. ISIP 3950 psi, 5 min 2280 psi, 10 min 2360 psi, 15 min 2150 psi. Good diversion. 1558 BLWTBR. RD Halliburton. Move frac tank. RU to flow - 0 psi. RU swab. Made 11 runs in 3 hrs. Rec'd 91 BLW. IFL 800', FFL 2000', pH 7, no oil. RD swab. Pump 85 bbls prod wtr down tbg. 1552 BLWTBR. Drain pump & lines. SDFN @ 5:30 p.m.
DC: \$56,699 TC: \$94,897
- 10/27/92 Cont LD 3-1/2" tbg. SITP 0 psi. RU swab. Made 28 runs. Rec 164 BF (56 BO, 108 BW). IFL @ 4800', FFL @ 2300', avg 2000'. Initial oil cut 0%, final oil cut 60%, pH 7. RD swab. Pump 30 bbls prod wtr down tbg & rls pkr from 11,663', let equalize. LD 20 jts 3-1/2" tbg. Drain pump & lines. SDFN @ 6:00 p.m.
DC: \$6,072 TC: \$100,969

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
Patented

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

7. Unit Agreement Name:
N/A

8. Well Name and Number:
Brotherson #1-28A4

9. API Well Number:
43-013-30292

10. Field and Pool, or Wildcat:
Altamont

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
ANR Production Company

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

4. Location of Well
Footages: **751' FNL & 1130' FEL** County: **Duchesne**
QQ, Sec., T., R., M.: **NE/NE Section 28-T1S-R4W** State: **Utah**

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start Upon Approval

SUBSEQUENT REPORT
(Submit Original Form Only)

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

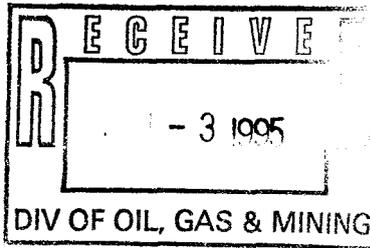
Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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



13. Name & Signature: N.O. Shiflett Title: District Drilling Manager Date: 12/29/94

(This space for State use only)

WORKOVER PROCEDURE

BROTHERSON #1-28A4 SECTION 28 - T1S - R4W ALTAMONT FIELD DUCHESNE COUNTY, UTAH

WELL DATA

LOCATION: 751' FNL & 1130' FEL
ELEVATION: 6518' GL, 6547' KB
TOTAL DEPTH: 16,000'
PBD: 15,730'
CASING: 9 5/8", 40#, K-55 & N80 @ 7000'
7", 26#, S-95 set @ 12,748'
5", 18#, N-80set @ 12,543'-16,000'
TUBING: 2 7/8" 6.5# N-80
CIBP set @: 13,510' 2 sx of cmt on top

TUBULAR DATA

Description	ID	Drift	Capacity BBL/FT	Burst Psi	Collapse Psi
7" 26# S-95	6.276"	6.151"	0.0382	8600	7800
5" 18# N-80	4.276"	4.151"	0.0177	10140	10490
5" 18# P110	4.276"	4.151"	0.0177	12040	13020
2 7/8" 6.5# N-80	2.441"	2.347"	0.00579	10570	11160

CURRENT PRODUCTION

21 BOPD, 75 MCFPD, 20 BWPD (9/94 Average)

PROCEDURE

- 1) MIRU service rig. Kill well if necessary. NDWH & NU BOPE. POOH w/production equipment.
- 2) Clean out 7" casing and 5" liner to top of the cement on top of the CIBP set @ 13,510'.
- 3) PU 7" x 3 1/2" packer on 3 1/2" tubing and TIH. Set packer @ +/- 11,750'.
- 4) Acidize Wasatch-Green River perms 11,721'-13,474' w/ 16,500 gals 15% HCl per attached schedule. Note: MTP = 8500 psi.
- 5) Flow/swab back acid load.
- 6) POOH & LD workstring.
- 7) PU & RIH w/artificial lift equipment. Return on line.

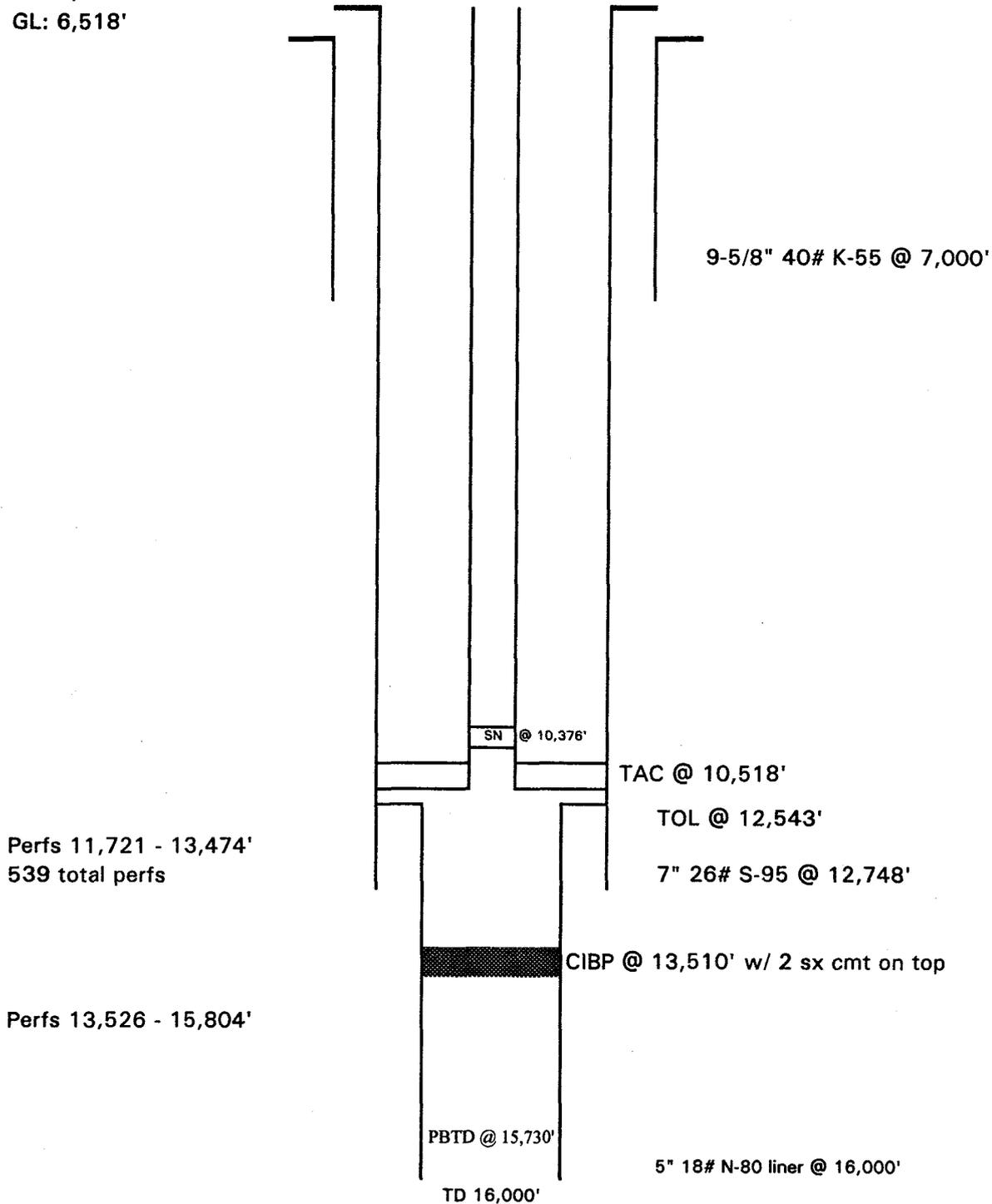
NOTE: If it is necessary to kill well, do so with filtered 3% KCl water.

DAP:AJA

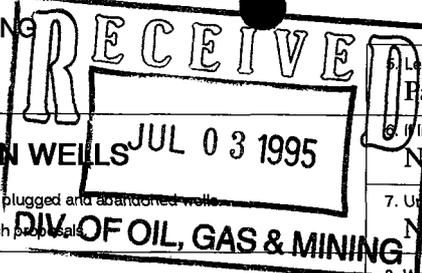
Brotherson 1-28A4
Altamont Field
Duchesne Co., UT

Current Wellbore Schematic

KB: 6,547'
GL: 6,518'



12/9/94 DAP



SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
Patented
6. Indian, Allottee or Tribe Name:
N/A
7. Unit Agreement Name:
N/A

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator:
ANR Production Company

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

8. Well Name and Number:
Brotherson #1-28A4

9. API Well Number:
43-013-30292

10. Field and Pool, or Wildcat:
Altamont

4. Location of Well
Footages: 751' FNL & 1130' FEL County: Duchesne
QQ, Sec., T., R., M.: NE/NE Section 28-T1S-R4W State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Perforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

✓ Date of work completion 4/11/95

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

* Must be accompanied by a cement verification report.

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

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

13. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 06/29/95

(This space for State use only)

*Tax credit
11/3/95.*

ANR PRODUCTION COMPANY
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 56.05056% ANR/COGC AFE: 00515
TD: 16,000' PBD: 13,510'
5" Liner @ 12,543'-16,000'
Perfs: 11,721'-13,474'
CWC(M\$): 103.3

PAGE 3

- 3/23/95 POOH w/rods.
MIRU workover rig. CC: \$1,205
- 3/24/95 POOH w/prod string.
Unseat pump. POOH w/as follows: 1 - 6' x 1", 1 - 4' x 1", 122 - 1",
124 - 7/8", 162 - 3/4", 4 - 1" rods. Had light scale on 1" & heavy scale
on two-thirds of 3/4". ND WH, unset AC, reset @ 10,518'. POOH w/150
jts prod string to 5996'. CC: \$4,260
- 3/25/95 POOH w/prod string & 7" csg scraper.
POOH w/165 jts prod string w/BHA. PU & RIH w/7" 4-Star Bowen csg
scraper w/2 1/2" to 5" LT @ 12,543'. POOH to 5993'. CC: \$8,757
- 3/26/95 POOH w/CO tools.
POOH w/193 jts tbg & 7" csg scraper. PU & RIH w/4-Star CO tool as
follows: 4 1/2" mill, check sub, 8' x 2 1/2" tbg sub, check sub, 34 jts 2 1/2"
tbg, safety sub, bailer, 4' x 2 1/2" tbg sub, 405 jts 2 1/2" tbg. Tag fill
@ 13,470'. CO to to 13,480' (TOC). LD 63 jts workstring. POOH
w/168 jts prod string to 7366'. CC: \$13,975
- 3/27/95 Prep to acidize.
POOH w/173 jts 2 1/2" prod string. LD 34 jts 2 1/2" w/bailer & 4 1/2" mill.
PU & RIH w/7" HD pkr, SN & 237 jts 3 1/2" tbg. CC: \$20,390
- 3/28/95 Prep to acidize.
RIH w/147 jts 3 1/2" tbg, set 7" HD pkr @ 11,681'. PT csg to 2000#/15
min - good. CC: \$24,302
- 3/29/95 Swab back acid load.
RU Dowell. Acidize Wasatch/Green River perfs @ 11,721'-13,474'
w/16,500 gals 15% HCl w/diverter, 3-RA tags & 810 - 1.1 BS's. MTP
8581#, ATP 8200#, MTR 30 BPM, ATR 25 BPM. Good diversion, 785 BLTR.
ISIP 1873#, 10 min 0#. RD Dowell. Swab well. Made 3 runs, IFL
9000', FFL 9000'. Rec 10 BF, pH 5. CC: \$66,663
- 3/30/95 Prep to run prod string.
Made 2 swab trips. FL @ 9000', pH 6. Rec 15 BW. Rls pkr & POOH
w/384 jts 3 1/2" workstring. CC: \$71,132
- 3/31/95 Well on production.
PU BHA (7" TAC, 4' x 2 1/2" sub, 2 1/2" perf jt plug, 1-jt 2 1/2" N-80, PBGA,
4' x 2 1/2" sub, SN) & 340 jts 2 1/2" N-80 prod string. Set TAC @ 10,519'
w/18,000# tension, SN @ 10,414'. PU Highland 1 1/2" pump. RIH w/4 -
1", 162 - 3/4", 124 - 7/8", 122 - 1" rods. Test to 500#. RD rig. CC:
\$78,324
- 3/31/95 Pmpd 0 BO, 127 BW, 0 MCF, 16 hrs.
- 4/1/95 Pmpd 0 BO, 187 BW, 0 MCF.
- 4/2/95 Pmpd 0 BO, 116 BW, 55 MCF, 8.4 SPM.
- 4/3/95 Pmpd 0 BO, 144 BW, 87 MCF, 8.4 SPM. Ran dyno - FL @ 9475' (SN @
10,414').
- 4/4/95 Pmpd 9 BO, 129 BW, 164 MCF, 8.4 SPM.

ANR PRODUCTION COMPANY
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (CLEANOUT & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 56.05056% ANR/COGC AFE: 00515

PAGE 4

4/5/95 Pmpd 39 BO, 132 BW, 146 MCF, 8.4 SPM.
4/6/95 Pmpd 49 BO, 117 BW, 140 MCF, 8.4 SPM.
4/7/95 Pmpd 57 BO, 117 BW, 145 MCF, 8.4 SPM.
4/8/95 Pmpd 59 BO, 115 BW, 144 MCF, 8.4 SPM.
4/9/95 Pmpd 60 BO, 111 BW, 141 MCF, 8.4 SPM. Will run dyno.
4/10/95 Pmpd 68 BO, 118 BW, 144 MCF, 8.4 SPM. Ran dyno - FL @ 8615' (SN @ 10,380'), pump efficiency 74%.
4/11/95 Pmpd 65 BO, 101 BW, 145 MCF, 8.4 SPM.
Prior prod: 18 BO, 40 BW, 67 MCF. Final report.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *EH*

1	<i>LEC-7-53</i>
2	<i>DTS 8-FILE</i>
3	<i>WLD</i>
4	<i>RPT</i>
5	<i>LEC</i>
6	<i>FILM</i>

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 & 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>
phone	<u>(303) 572-1121</u>	phone	<u>(303) 572-1121</u>
account no.	<u>N 0230 (B)</u>	account no.	<u>N 0675</u>

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

Name: **SEE ATTACHED**	API: <u>013-30292</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fed C.A.'s) (8-20-96/Indian C.A.'s)*
- See* 6. Cardex file has been updated for each well listed above.
- See* 7. Well file labels have been updated for each well listed above.
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (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 dg. yet!

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			Field	County
					Footages	Section, Township & Range			
Evans Ute 2-17B3	43-013-31056	Fee 5336	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 570	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 10070	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 10460	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	9674	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	Aprv. 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 11286	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	

Penny

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 _____

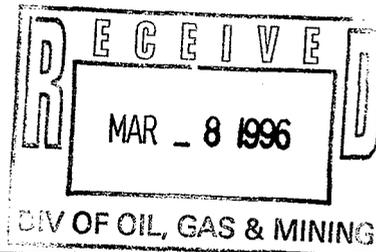
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* 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.)

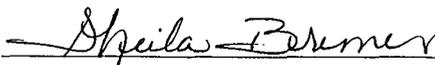
Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following 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, Sr. Environmental & Safety Analyst
ANR Production Company



13.

Name & Signature:



Sheila Bremer
Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Brotherson #1-28A4

9. API Well Number:

43-013-30292

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well:

OIL GAS OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

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

(303) 573-4455

4. Location of Well

Footages: 751' FNL & 1130' FEL

County: Duchesne

QQ, Sec., T., R., M.: NE/NE Section 28-T1S-R4W

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 Lower Seat Nipple | |

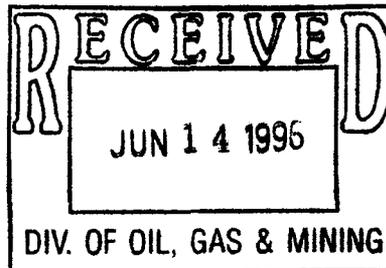
Date of work completion 4/30/96

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

* Must be accompanied by a cement verification report.

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

Please see the attached chronological history for work performed to lower seat nipple to enhance production on the subject well.



13.

Name & Signature:

Sheila Bremer

Sheila Bremer

Title: Environmental & Safety Analyst

Date:

06/11/96

(This space for State use only)

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (LWR SN)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 56.05056% ANR/COGC AFE:
TD: 16,000' PBTD: 13,510'
5" Liner @ 12,543'-16,000'
Perfs: 11,721'-13,474'
CWC(M\$):

4/29/96

Finish RIH w/rods.

MIRU. Hot oil down csg w/150 bbls 250° no-pres. Remove horse head. PU on rods, unseat rop pump @ 10,414'. Flush tbg w/60 bbls no-pres 220°. LD polish rod. POOH w/122-1", 124-7/8", 162-3/4", 4-1" rods 1 1/2" pump x-o to tbg equip. NU BOP. PU on tbg, unset 7" A/C @ 10,519', RIH w/63 jts 27/8" tbg. Reset 7" A/C @ 12,498'. SN @ 12,393'. ND BOP, land tbg. Flush tbg w/60 bbls. PU 2 1/2"x1 1/4" rod pump, prime w/diesel. RIH w/401", 162-3/4" rods. CC: \$5395.

4/30/96

Final.

Open well. PU RIH w/80-3/4" rods, 124-7/8", 121-1" rods, 2-6, 1-4x1 ponies, polish rod. Seat pump @ 12,393'. Fill tbg w/47 bbls. Test to 800#, hung horse head. Space out, hung polish rod. Put unit to pumping. CC: \$14,700.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Brotherson #1-28A4

9. API Well Number:

43-013-30292

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well:

OIL GAS OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

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

(303) 573-4455

4. Location of Well

Footages: 751' FNL & 1130' FEL

County: Duchesne

QQ, Sec., T., R., M.: NE/NE Section 28-T1S-R4W

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 checked="" type="checkbox"/> Perforate |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

SUBSEQUENT REPORT

(Submit Original Form Only)

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

Approximate date work will start _____ Upon Approval _____

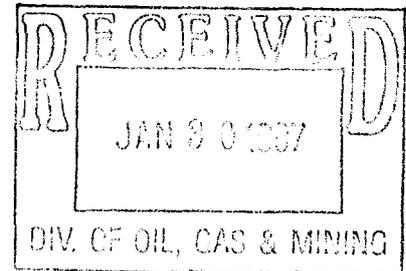
Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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



13.

Name & Signature: *Sheila Bremer*

Title Environmental & Safety Analyst Date 01/27/97

(This space for State use only)

Matthews

Petroleum Engineer

1/27/97

BROTHERSON #1-28A4
Section 28 T1S R4W
Altamont Field
Duchesne Co. Utah

PROCEDURE:

1. MIRU PU. POOH w/rods and pump. NDWH. Rlse TAC set @ 12,498'.
NUBOP. POOH w/tbg.
2. MIRU Wireline Co. RIH and set CIBP @ 11,715'.
3. Perforate the following Green River interval w/a 4" csg gun loaded w/3 JSPF,
120 degree phasing.

11,490-11,709' 32' 96 holes

Tie into Schlumberger Sonic Log dated 4-8-74 for depth control. Monitor
all fluid levels and pressures.

4. RIH w/retr pkr on 2-7/8" tbg. Hydrotest GIH to 8500 psi. Set pkr @ 11,450'.
PT csg to 500 psi.
5. Swab test well. If swab test is encouraging continue with step 6. If interval
produces 100% water, rlse pkr, POOH and run in with kill string to T&A well.
6. MIRU Dowell to acidize interval w/6000 gals 7-1/2% HCL per attached treatment
schedule. MTR 4-6 BPM.
7. Swab back load and test. Rlse pkr, POOH.
8. RIH w/4-1/2" PBGA, SN, 5 jts of 2-7/8" tbg, TAC on 2-7/8" tbg. Set SN @
11,000'. Pump size will be determined from swab rates.

Brother son 1-28A4

KB 6547'

Altamont Field

13 3/8" 68# K-55.

Cmt'd w/ 500 sx

9 5/8" 40# N-80; K-55

Cmt'd w/ 725 sx

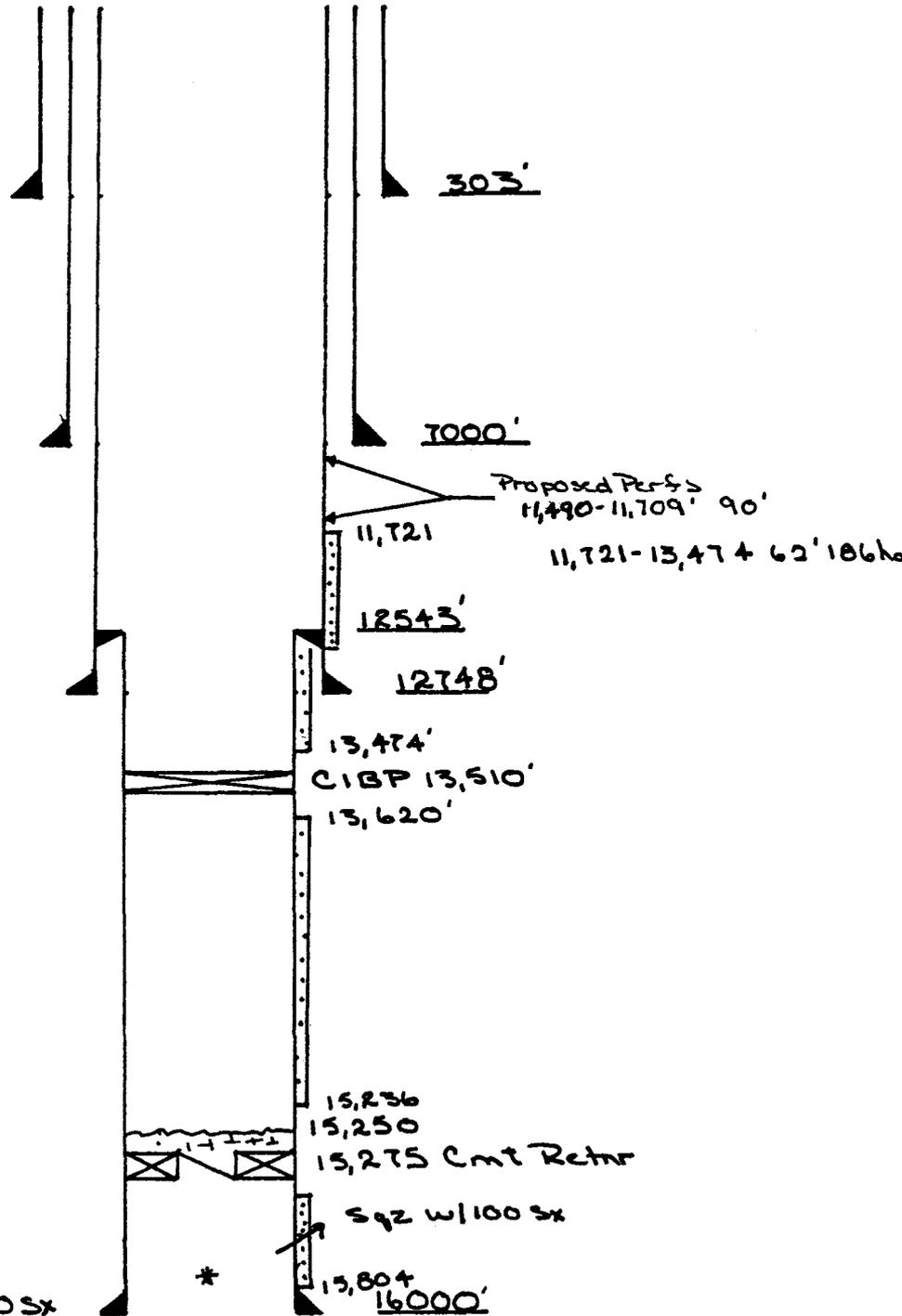
7" 26# S-95

Cmt'd w/ 860 sx

5" 18# N-80, Cmt'd w/ 850 sx

Band is poor throughout liner

* Sinker bars 3-20-86



GREATER ALTAMONT FIELD

BROTHERSON #1-28A4

Section 28-T1S-R4W
Duchesne County, Utah

Perforation Schedule
(Lower Green River)
November 20, 1996

Schlumberger Sonic Run #1 04/08/74
11,709
11,692
11,683
11,664
11,655
11,651
11,639
11,637
11,632
11,625
11,618
11,612
11,608
11,598
11,592
11,585
11,578
11,567
11,561
11,557
11,555
11,543
11,540
11,536
11,533
11,527
11,524
11,514
11,510
11,504
11,499
11,490

32 Total

Well Name: Brotherson #1-28A4

Date: 11/21/96

Fluid Description	Stage #	3% KCl (Gal)	7 1/2 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	2,400		
Acid	2		6,000	150
Flush	3	2,700		
Totals	(gals):	5,100	6,000	150, 1.1 S.G.
	(bbls):	121	143	

Perforations @ 11,490' - 11,709'

Packer set @ 11,450'

MTR @ 4-6 bpm

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

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

1. Type of Well:

OIL GAS OTHER:

8. Well Name and Number:

Brotherson #1-28A4

2. Name of Operator:

Coastal Oil & Gas Corporation

9. API Well Number:

43-013-30292

3. Address and Telephone Number:

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

(303) 573-4455

10. Field and Pool, or Wildcat:

Altamont

4. Location of Well

Footages:

751' FNL & 1130' FEL

County: Duchesne

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

NE/NE Section 28-T1S-R4W

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 checked="" type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

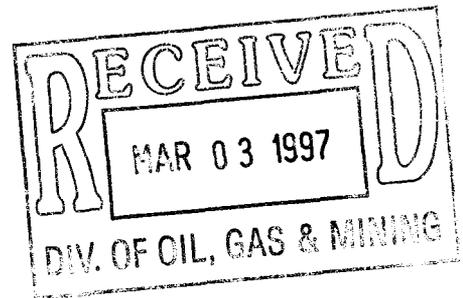
Date of work completion 2/23/97

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

* Must be accompanied by a cement verification report.

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

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



13.

Name & Signature:

Sheila Bremer

Sheila Bremer

Title Environmental & Safety Analyst

Date

02/27/97

(This space for State use only)

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (PERF & ACIDIZE LGR)

Altamont Field

Duchesne County, Utah

WI: 84.9% AFE:

TD: 16,000' PBD: 13,510'

Perfs: 11,721 - 13,474'

5" @ 12,543' - 16,000'

CWC(MS): 96.0

- 2/5/97 **Prep to pull tbg.**
MIRU W/O rig. POOH w/rods & pmp. CC: \$4,100
- 2/6/97 **Perf.**
Rel TAC, ND WH, NU BOP. POOH LD BHA. RU OWP, PU 7" CIBP. RIH, set @ 11,715'. Prep to perf 2/7 a.m. CC: \$7147.
- 2/7/97 **RIH w/2 7/8" tbg hyd testing to 8500#.**
RIH w/4" perf gun w/3 JSPF, 120° phasing, perf from 11,490'-11,709', 32', 96 holes:
Run #1: 11,709'-11,585', 16 ft, 48 holes, FL 9600', psi 0
Run #2: 11,578'-11,490', 16 ft, 48 holes, FL 9300', psi 0.
RD OWP. RIH w/33 std, flush, POOH. RU hydtest trk & test to 8500#. RIH w/7" HD pkr & 2 7/8" tbg to 9630'. CC: \$20,839.
- 2/8/97 **Prep to acidize.**
RIH w/2 7/8" tbg hyd testing to 8500#, set pkr @ 11,440', fill csg w/285 bbls treated prod water, test to 500# - ok. RU swab, made 13 runs, 7 hrs, rec 29 BW, 23 BO, IFL 9400', FFL 10,400', PBH entry 5.5 bbls, 20% oil cut, 30 BWOL. CC: \$25,924.
- 2/9/97 No activity.
- 2/10/97 **Acidizing.**
400# on tbg, bled & swab. IFL 9500', FFL 10,200', rec 21 BO, 34 BW, swab 7 hrs, EPH 7 BPH, 15% oil cut. CC: \$28,639.
- 2/11/97 **Swabbing.**
MIRU Dowell. Acidize perfs from 11,490'-11,709' w/6000 gals 7 1/2% HCL + 150 1.1 BS. MTP 2100#, ATP 200#, MTR 4 BPM, ATR 4 BPM. ISIP 0#, good diversion, RD Dowell. RU & swab, IFL 5500', FFL 5300', rec 5 BO, 158 BW, last run 5% oil cut, PH 7.0, swab 8 hrs, EPH 24 bbls, 132 BLWTR. CC: \$43,813.
- 2/12/97 **POOH.**
0 psi on tbg. Swab, IFL 4700', FFL 5000', rec 202 BW, 5 BO/10 hrs, PH 7.0, oil cut trace, EPH 22 BPH, 0 BLWTR. CC: \$46,989.
- 2/13/97 **Attempt to set TAC.**
Rel pkr, POOH, LD pkr. PU BHA, RIH w/2 7/8", try to set TAC @ 10,855' - would not set. CC: \$50,230.
- 2/14/97 **RIH w/rods.**
Pump down tbg hot w/160 bbls, try to set TAC, would not set, POOH, LD TAC. PU new 7" TAC. RIH, set TAC @ 10,856' w/26,000 # tension. SN @ 11,012', change over to rods. RIH w/17-3/4" rods. POOH & LD rod. Prep to RIH w/rod & pump. CC: \$55,399.
- 2/15/97 **On production.**
PU 1 1/2" pump, test pump, RIH w/rods, seat pump @ 11,012'. Fill tbg w/15 bbls, test to 500 psi. RD rig. Place well on production. CC: \$59,780.
Pmpd 0 BO, 238 BW, 11 MCF, 7.5 SPM, 16 hrs.
- 2/16/97 Pmpd 16 BO, 96 BW, 17 MCF, 7.4 SPM, 24 hrs.
- 2/17/97 Pmpd 3 BO, 252 BW, 0 MCF, 7.4 SPM.
- 2/18/97 Pmpd 0 BO, 253 BW, 0 MCF, 7.4 SPM.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #1-28A4 (PERF & ACIDIZE LGR)

Altamont Field

Duchesne County, Utah

WI: 84.9% AFE: 26932

TD: 16,000' PBTD: 13,510'

2/19/97	Pmpd 0 BO, 385 BW, 0 MCF, 10.7 SPM, 24 hrs.
2/20/97	Pmpd 0 BO, 482 BW, 0 MCF, 10.4 SPM.
2/21/97	Pmpd 0 BO, 567 BW, 0 MCF, 10.4 SPM.
2/22/97	Pmpd 0 BO, 586 BW, 0 MCF, 10.4 SPM.
2/23/97	Pmpd 0 BO, 601 BW, 0 MCF, 10.4 SPM. Prior production: 5 BO, 18 BW, 100 MCF. <u>Final report.</u>

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	<input checked="" type="checkbox"/>	4-KAS	<input checked="" type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-LP	<input checked="" type="checkbox"/>
3. JLT	<input type="checkbox"/>	6-FILE	<input type="checkbox"/>

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
OLSEN 1-27A4	43-013-30064	9119	27-01S-04W	FEE	OW	P
FIELDSTED 2-27A4	43-013-30915	9632	27-01S-04W	FEE	OW	P
██████████	43-013-30292	1841	28-01S-04W	FEE	OW	P
FIELDSTED 2-28A4	43-013-31293	11177	28-01S-04W	FEE	OW	P
CHRISTENSEN 2-29A4	43-013-31303	11235	29-01S-04W	FEE	OW	P
EVANS UNIT 1-31A4	43-013-30067	1560	31-01S-04W	FEE	OW	P
WARREN 1-32A4	43-013-30174	4730	32-01S-04W	FEE	OW	S
OMAN 2-23A4	43-013-30904	10045	32-01S-04W	FEE	OW	P
BROTHERSON 1-33A4	43-013-30272	1680	33-01S-04W	FEE	OW	P
LINDSAY 2-33A4	43-013-31141	10457	33-01S-04W	FEE	OW	P
UTE 2-34A4	43-013-30978	10070	34-01S-04W	FEE	OW	P
MILES 2-35A4	43-013-31087	1966	35-01S-04W	FEE	OW	P
RUST 2-36A4	43-013-31092	1577	36-01S-04W	FEE	OW	P
CHRISTENSEN 2-26A5	43-013-30905	9630	26-01S-05W	FEE	OW	P
JENSEN 2-29A5	43-013-30974	10040	29-01S-05W	FEE	OW	P
JENSEN 1-31A5	43-013-30186	4740	31-01S-05W	FEE	OW	P
BARRETT 1-34A5	43-013-30323	9121	34-01S-05W	FEE	OW	S
BIRCH 1-35A5	43-013-30233	9122	35-01S-05W	FEE	OW	S
FORD 2-36A5	43-013-30911	9406	36-01S-05W	FEE	OW	P
KARL SHISLER U 1-3B1	43-013-30249	5930	03-02S-01W	FEE	OW	S

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/27/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/27/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/27/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8/15/01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation TITLE Vice President
John T. Elzner

SIGNATURE _____ DATE 06-15-01

NAME (PLEASE PRINT) El Paso Production Oil & Gas Company TITLE Vice President
John T. Elzner

SIGNATURE _____ DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

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:

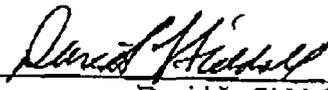
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

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.

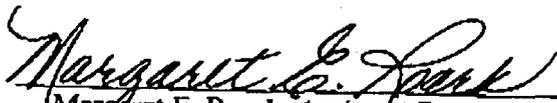
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

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
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X Operator Name Change

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
FROM: (Old Operator): N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	TO: (New Operator): N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
CA No.	Unit:

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: _____ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: _____
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER: MULTIPLE LEASES
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113	PHONE NUMBER: (505) 344-9380	10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: UINTAH & DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <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) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <i>Cheryl Cameron</i>	DATE 6/20/2006

(This space for State use only)

APPROVED *7/19/06*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
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: N/A
		7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: BROTHERSON 1-28A4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		9. API NUMBER: 4301330292
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202	PHONE NUMBER: (303) 291-6400	10. FIELD AND POOL, OR WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 751' FNL, 1130' FEL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 28 1S 4W		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" 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: _____
	<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.

OPERATOR REQUESTS APPROVAL TO PLUG AND ABANDON THE SUBJECT WELL. PLEASE REFER TO THE ATTACHED PROCEDURE.

8-30-07
RM

NAME (PLEASE PRINT) <u>LISA PRETZ</u>	TITLE <u>ENGINEERING TECH</u>
SIGNATURE	DATE <u>6/28/2007</u>

(This space for State use only)

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

DATE: 8/30/07 BY: [Signature] (Instructions on Reverse Side)

* See Conditions of Approval (Attached)

RECEIVED
JUL 02 2007

DIV. OF OIL, GAS & MINING



PLUG AND ABANDONMENT PROGNOSIS

BROTHERSON 1-28A4

API #: 4301330292
SEC 28-T1S-R4W
DUCHESNE COUNTY, UT

WELL DATA:

ELEVATIONS: GL 6,518' KB 6,547'
FORMATION TOPS: GREEN RIVER TN1 8,074', TGR3 @ 10,491'; WASATCH @ 11,891'
BHT 170 DEG F @ 12,755' 4/74
TOTAL DEPTH: 16,000'
PBTD: 15,730'
HOLE/CASING SIZES:

17-1/2" hole 13-3/8" 68# K-55 @303' with 435 SXS cement
12-1/4" hole 9-5/8" 40# K-55 @ 7,000' with 1100 SXS cement
8-3/4" hole 7" 26# S-95 @ 12,748' with 525 SXS cement
TOC @ 8,750 6/74
6" hole 5" 18# N-80 @ 16,000'
5" 18# N-80 TOL @ 12,543' 650 SXS

PERFS: 2/97 11,490-11,709'

PACKERS & PLUGS:
9/97 CIBP @ 11,715'

WELL HAS BEEN REPORTED AS SHUT IN SINCE 2/1997

CEMENT DESIGN: Class G Cement, 15.8 PPG, 1.15 FT3/SX. Displace with corrosion inhibited produced water.

ABANDONMENT PROGNOSIS:

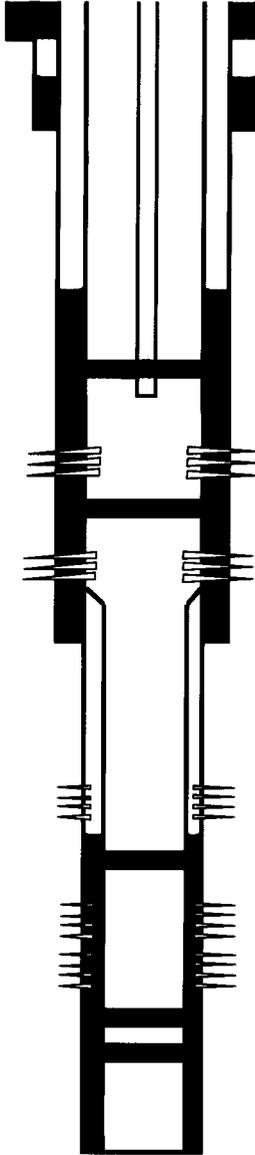
1. Notify DOGM of P&A operations at least 24 hrs prior to starting abandonment operations.
2. MIRUPU. Blow well down to tank and remove wellhead equipment. NU BOPE.

3. TOO H and lay down rods and pump. Tally out of hole w/ 2 7/8" TBG. PU 7" scraper and TIH to 11,470'. TOO H.
4. TIH w/ 7" CICR to 11,440'.
5. Plug #1-Establish injection rate. Squeeze perforations w/ 50 SX class G cement. Pump 40 SX into CICR and dump 10 SX on top. If unable to establish injection rate, spot 30 SX on top of CICR.
6. Plug #2. Spot 100' stabilizer plug 8,800-8,700' w/20 SX Class G cement (2% CC optional). WOC and tag.
7. Plug #3. Spot 100' stabilizer plug 8,125-8,025' w/ 20 SX Class G cement (2% CC optional). WOC and tag.
8. Free point 7" casing @ 7,050' and lay down. TIH w/ TBG to 50' inside 7" stub.
9. Plug #4, spot 100'-150' plug 50' inside stub, (50' across open hole if any) and 50' into surface casing with 60 SX Class G cement (2% CC optional). WOC and tag plug. TOO H.
10. Plug #5, spot 100' stabilizer plug 4,100-4,000' w/ 40 SX Class G cement. (2% CC optional). WOC and tag.
11. TIH w/ 9 5/8" scrapper to 1,050'.
12. Plug #6. TIH w/ 9 5/8" CICR to 1,000' and spot 10 SX on top.
13. Plug #7, TIH to 100' and spot 40 SX class G surface plug. Cement surface annulus via 1" tubing if necessary.
14. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOPU.
15. Restore location.

WELL NAME: BROTHERRSON 1-28A4
WELL AS IS

SEC 28, T1S, R4W

GL 6518'
KB 6547'



CONDUCTOR CSG 13 3/8" 68# K-55 303' 435 SX

SURFACE 9 5/8" 40# K-55 7000' 1100 SX

TN1 8074'

TOC 8750' 6/74

TAC @ 10856' 2/97
SN @ 11012'

TGR3 @ 10491'
PERFS 11490'-11709' 2/97

CIBP @ 11715 2/97
PERFS 11721'-13474' 10/92

WASATCH @ 11891'
PERFS 11886'-14064' 9/82

TOL 5" 18# N80 & S0095 12543'

TIGHT SPOT @ 12579' 6/74
INTERMEDIATE 7" 26# S95 12748' 525 SX

PERFS 13336'-14090' 12/77

TOC @ 13480' 3/95
CIBP W/ 2 SX 13510' 10/92

PERFS 14289'-14590' 10/77

PERFS 14390'-15697' 11/75

PERFS 14519'-15804' 7/74

CICR 15275' 1/89

CIBP 15730' 12/77

PBDT 15730' 12/77

LINER 5" 18# N80 & S0095 18000' 650 SX

TD 18000'

HOLE SIZE	PIPE SIZE	WEIGHT	SET DEPTH
17 1/2"	13 3/8"	68#	K-55 303'
12.25"	9 5/8"	40#	K-55 7000'
8.75"	7"	26#	S95 12748'
TOL	5"	18#	N80 & S0095 12543'
6"	5"	18#	N80 & S0095 18000'

PERFORATIONS		
PERFS	14519'-15804'	7/74
PERFS	14390'-15697'	11/75
PERFS	14289'-14590'	10/77
CIBP	14598	REMOVED 12/77
PERFS	13336'-14090'	12/77
CIBP	14130'	REMOVED 9/82
PERFS	11886'-14064'	9/82
CICR	15275'	TOC @ 15250'
PERFS	13820'-14926'	1/89
CIBP	13510'	10/92
PERFS	11721'-13474'	10/92
CIBP	11715'	2/97
PERFS	11490'-11709'	2/97
OPEN PERFS	11490'-11709'	2/97

NOTE: NOT TO SCALE

TBG-ROD DETAIL:

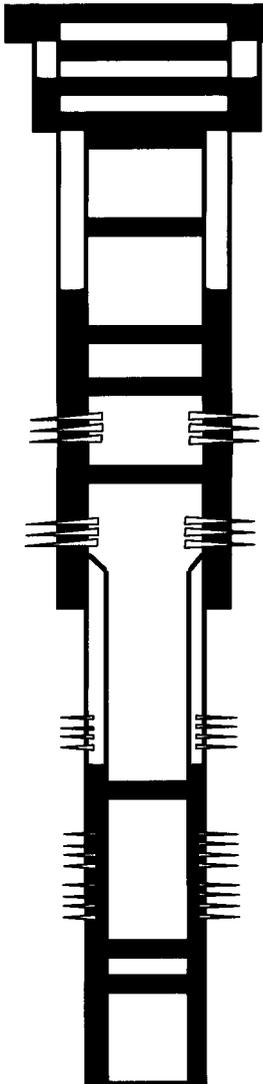
2 7/8" TBG W/ TAC @ 10856', SN @ 11012' 2/97
1 3/4" PUMP

FLAGSTAFF 14450'
NORTH HORN 15659'

**WELL NAME: BROTHERSON 1-28A4
PROPOSED P&A**

SEC 28, T1S, R4W

GL 6518'
KB 6547'



PLUG #7 100'-SURFACE W/ 40 SX
CONDUCTOR CSG 13 3/8" 68# K-55 303' 435 SX

PLUG #6 CICR @ 1000' W/ 10 SX

PLUG #5 4100'-4000' W/ 40 SX CLASS G

SURFACE 9 5/8" 40# K-55 7000' 1100 SX

PLUG #4 7100'-6950' W/ 60 SX CLASS G

TN1 8074'

PLUG #3 8125'-8025' W/ 20 SX

TOC 8750' 6/74

PLUG #2 8800'-8700' W/ 20 SX CLASS G

PLUG #1 CICR @ 11440' W/ 40 SX CLASS G INTO & 10 SX ON TOP

TGR3 @ 10491'

PERFS 11490'-11709' 2/97

CIBP @ 11715 2/97

PERFS 11721'-13474' 10/92

WASATCH @ 11891'

PERFS 11886'-14054' 9/82

TOL 5" 18# N80 & S0095 12543'

TIGHT SPOT @ 12579' 6/74

INTERMEDIATE 7" 26# S95 12748' 525 SX

PERFS 13336'-14090' 12/77

TOC @ 13480' 3/95

CIBP W/2 SX 13510' 10/92

PERFS 14289'-14590' 10/77

PERFS 14390'-15697' 11/75

PERFS 14519'-15804' 7/74

CICR 15275' 1/89

CIBP 15730' 12/77

PBDT 15730' 12/77

LINER 5" 18# N80 & S0095 16000' 650 SX

TD 16000'

HOLE SIZE	PIPE SIZE	WT	TYPE	DEPTH
17 1/2"	13 3/8"	68#	K-55	303'
12.25"	9 5/8"	40#	K-55	7000'
8.75"	7"	26#	S95	12748'
TOL	5"	18#	N80 & S0095	12543'
6"	5"	18#	N80 & S0095	16000'

PERFORATIONS			
PERFS	14519'-15804'		7/74
PERFS	14390'-15697'		11/75
PERFS	14289'-14590'		10/77
CIBP	14598	REMOVED 12/77	12/77
PERFS	13336'-14090'		12/77
CIBP	14130'	REMOVED 9/82	9/82
PERFS	11886'-14064'		9/82
CICR	15275'	TOC @ 15250'	1/89
PERFS	13620'-14926'		1/89
CIBP	13510'		10/92
PERFS	11721'-13474'		10/92
CIBP	11715'		2/97
PERFS	11490'-11709'		2/97
OPEN PERFS	11490'-11709'		2/97

NOTE: NOT TO SCALE

TBG-ROD DETAIL:

2 7/8" TBG W/ TAC @ 10858', SN @ 11012' 2/97
1 3/4" PUMP

FLAGSTAFF 14450'
NORTH HORN 15659'



State of Utah
Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

CONDITIONS OF APPROVAL
TO PLUG AND ABANDON WELL

Well Name and Number: Brotherson 1-28A4
API Number: 43-013-30292
Operator: El Paso E&P Company, L.P.
Reference Document: Original Sundry Notice dated June 28, 2007,
received by DOGM on July 2, 2007.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. **Amend Plug #6 (procedural step #12):** 40 sx shall be placed on top of CICR ($\pm 100'$) not 10 sx as proposed. This shall suffice for surface shoe plug for protection of usable near surface waters.
3. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
4. Balance plugs shall be tagged to ensure they are at the depths specified in the proposal.
5. All annuli shall be cemented from a minimum depth of 100' to the surface.
6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
7. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

August 30, 2007

Date

Wellbore Diagram

API Well No: 43-013-30292-00-00 **Permit No:**
Company Name: EL PASO E&P COMPANY, LP
Location: Sec: 28 T: 1S R: 4W Spot: NENE
Coordinates: X: 556431 Y: 4469019
Field Name: ALTAMONT
County Name: DUCHESNE

Well Name/No: BROTHERSON 1-28A4

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Cement (5/cf)
HOL1	303	17.5			
SURF	303	13.325	68	303	
HOL2	7000	12.25			
I1	7000	9.625	40	7000	2349
HOL3	12748	8.75			
I2	12748	7	26	12748	4655
HOLA	16000	6			
L1	16000	5	18	1036	
L1	16000	5	18	2409	

9 5/8" x 7" → 6310
 8 3/4" x 7" (208) → 29935
 8 3/4" O.H. (208) → 1663
 12 1/4" x 9 5/8" (128) → 19179
 13 3/8" x 9 5/8" → 2982

Cement Information

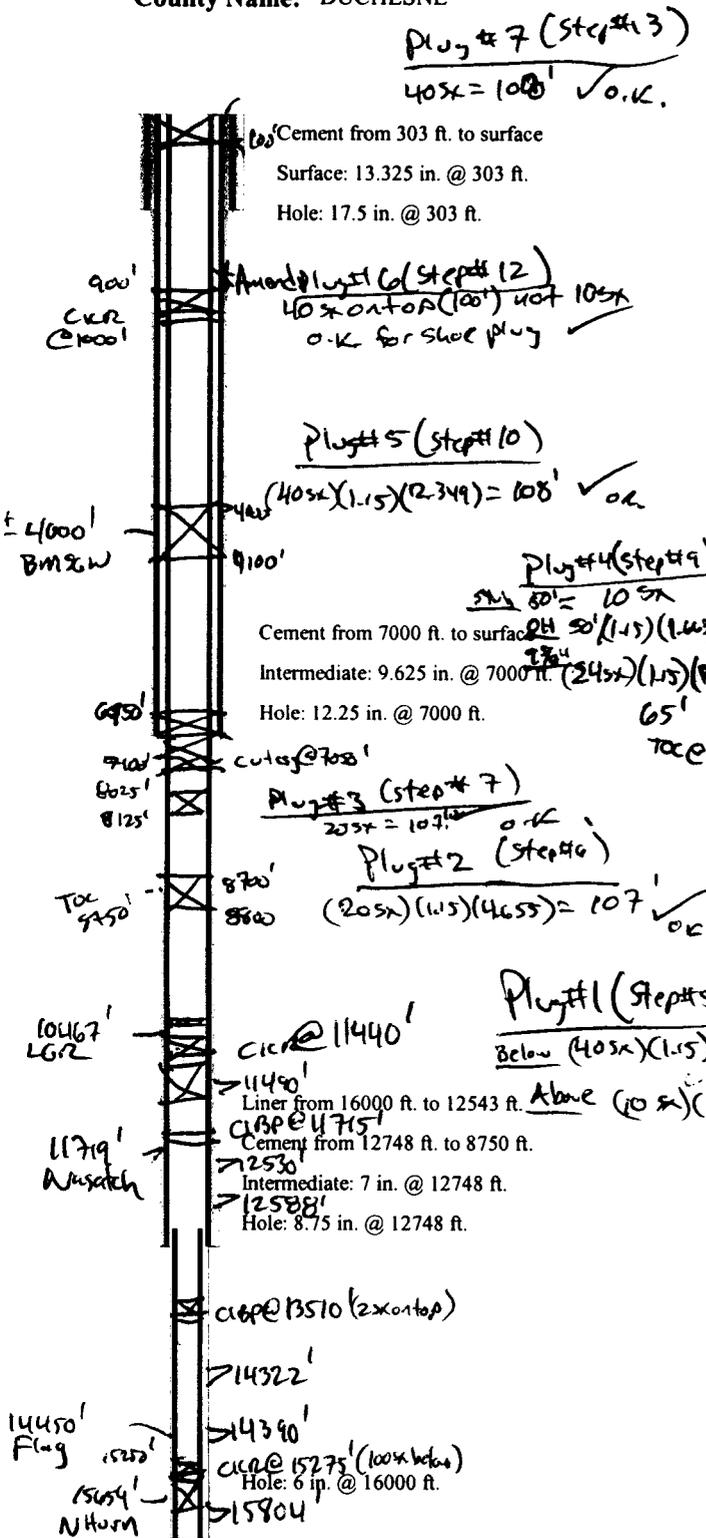
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	7000	0	LT	222
I1	7000	0	G	287
I1	7000	0	HC	400
I2	12748	8750	LT	336
I2	12748	8750	G	188
L1	16000	12543	G	618
SURF	303	0	G	435

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
14390	15804			
12588	14322			
11490	12530			

Formation Information

Formation	Depth
GRRVL	10467
WSTC	11719
FLAG	14450
NHORN	15659
BM5GW	± 4000'



TD: 16000 TVD: PBTD:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER:
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: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: N/A
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.			8. WELL NAME and NUMBER: BROTHERSON 1-28A4
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		PHONE NUMBER: (303) 291-6400	10. FIELD AND POOL, OR WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 751' FNL, 1130' FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 28 1S 4W			STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/18/2007	<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 checked="" 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: _____
	<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.

OPERATOR PLUGGED AND ABANDONED THE SUBJECT WELL AS FOLLOWS:

TOOH W/ ROD STRING AND TUBING.
 PLUG #1: RIH W/ CICR SPOT 10 SX CLASS G CMT ON TOP - 11439' - 11382'.
 PLUG #2: SPOT 35 SX CLASS G CMT - 8804' - 8600'.
 PLUG #3: SPOT 35 SX CLASS G CMT - 8122' - 8007'.
 FREE POINT AND CUT 7" CSG @ 6000'. LD 3000' OF 7" CSG.
 PLUG #4: SPOT 30 SX CLASS G CMT - 7040' - 6890'.
 PLUG #5: SPOT 60 SX CLASS G CMT - 6065' - 5925'.
 PLUG #6: SPOT 60 SX CLASS G CMT - 4092' - 3982'.
 PLUG #7: SET 9-5/8" CICR @ 998'. SPOT 40 SX CLASS G CMT ON TOP. TOC @ 890'.
 PLUG #8: SPOT 65 SX CLASS G CMT FROM 100' - SURFACE.
 PLUG #9: SPOT 30 SX CLASS G CMT ON 1" BACKSIDE FROM 30' - SURFACE.

CUT OFF WELLHEAD AND WELD ON INFO PLATE.
 WELL P&A ON 9-18-2007. PLUGGING WITNESSED BY RICHARD POWELL AND DENNIS INGRAM, DOGM.

NAME (PLEASE PRINT) <u>LISA PRETZ</u>	TITLE <u>ENGINEERING TECH</u>
SIGNATURE	DATE <u>11/19/2007</u>

(This space for State use only)

RECEIVED
NOV 26 2007

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

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

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

CA No.		Unit:			N/A			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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	