

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

J.H.S.
3372

COMPLETION DATA:

Date Well Completed *7-7-72*

Location Inspected

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

Bond released

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

State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

WELL NO. BROTHERSON 1-10-B4
API NO. 43-013-30110
SEC. 10, T. 02S, R. 04W
DUCHESNE COUNTY, UTAH

NOTES FROM COVER ON OLD WELL FILE:

APPROVED IN ACCORDANCE WITH THE ORDER ISSUED IN CAUSE NO. 139-3/139-4.

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Brotherson

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

Tenneco Oil Company

9. Well No.

1-10B4

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

10. Field and Pool, or Wildcat

Altamont *Ad.*

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

At surface

2037' FNL and 2052' FEL

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

SW/4 NE/4 Section 10-
T 2S-R 4W

At proposed prod. zone

See Survey

12. County or Parrish 13. State

Duchesne Utah

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

3 miles SW of Altamont

15. Distance from proposed* location to nearest property or lease line, ft.

588'

16. No. of acres in lease

1126

17. No. of acres assigned to this well

640

(Also to nearest drlg. line, if any) 2037' from sec line

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

6,000'

19. Proposed depth

13,000'

20. Rotary or cable tools

Rotary

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

6233 GL (Ungraded)

22. Approx. date work will start*

Immediately

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

As per attached drilling prognosis and certified survey plat.

Cong.

*-Sec. D - Topography
139.3/139.4*

6-24-71

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.C. Howell* Title *Division Operations Engineer* Date *Feb. 29, 1972*

(This space for Federal or State office use)

Permit No. *43-013-30110* Approval Date

Approved by _____ Title _____ Date _____

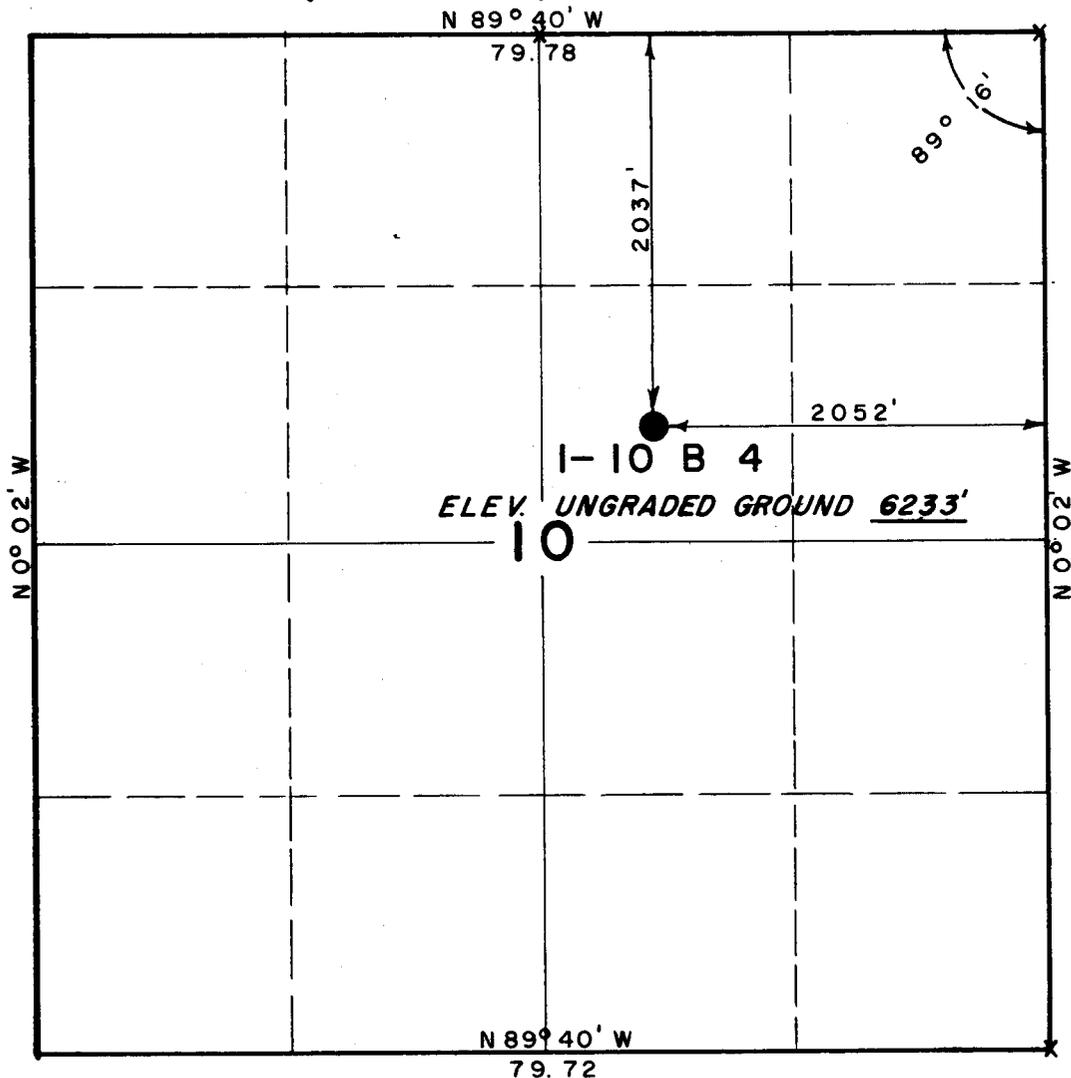
Conditions of approval, if any:

T2S, R4W, U.S.M.

PROJECT

SHELL OIL COMPANY

Well location, *1-10 B 4*, located as shown in the SW 1/4 NE 1/4 Sec 10, T2S, R4W, U.S.B. & M., Duchesne County, Utah.



CERTIFICATE

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

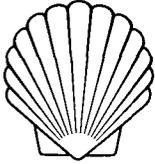
Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

X = Corners Found & Used (Stone).

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

SCALE 1" = 1000'	DATE 21 January 1972
PARTY G.S., H.M. & D.P.	REFERENCES GLO Plat
WEATHER Cool	FILE Shell Oil Co.



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

February 29, 1972

Subject: Shell-Tenneco-Brotherson 1-10B4
2037' FNL & 2052' FEL
Section 10-T2S-R4W
Altamont Field
Duchesne County, Utah

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

Attention Mr. Cleon B. Feight

Gentlemen:

The attached application for a drilling permit for Shell-Tenneco-Brotherson 1-10B4 specifies a location which does not conform to the order issued in Cause No. 139-4. The exception location requires the least amount of surface excavation and disruption of natural drainage features of Pigeon Water Creek while maintaining relative conformity with the established spacing pattern. ✓

Shell Oil Company requests approval of this exception location for topographic reasons under the provision of the above order.

Yours very truly,

G. G. Carnahan
for: G. G. Carnahan
Division Engineering Manager
Rocky Mountain Division

NWN:ch

Attachment

March 3, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Shell-Tenneco-Brotherson
#1-10B4
Sec. 10, T. 2 S, R. 4 W,
Duchesne County, Utah

Gentlemen:

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

It should be noted that the following mud system monitoring equipment must be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing the surface casing:

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

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

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

Shell Oil Company
March 3, 1972
Page Two

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

The API number assigned to this well is 43-013-30110.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR Shell Oil Company (Rocky Mountain Div. Prod)
Tenneco 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 2037' FNL and 2052' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30110 DATE ISSUED 3-3-72

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.

1-10B4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

SW/4 NE/4 Section 10-T 2S-R 4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUNDED 3-8-72 16. DATE T.D. REACHED 5-24-72 17. DATE COMPL. (Ready to prod.) 7-7-72 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6233 GL, 6259 KB 19. ELEV. CASINGHEAD 27'

20. TOTAL DEPTH, MD & TVD 13,250 21. PLUG, BACK T.D., MD & TVD 13,208 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → Total 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 11,458-13,163 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, BHCS-GR w/Cal, FDC and CNL w/GR 27. WAS WELL CORBED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	314'	17 1/2"	450 SX	0
9 5/8"	47#	5698'	12 1/4"	900 SX	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8"	5381.66	11,453	1175	
5 1/2"	11352	13,248	235	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

As per attachments

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7-7-72	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-23-72	24	16/64"	→	1049	1886	0	1798
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3500	125	→	1049	1886	0	43.4°	

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

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

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED K.R. Jordan TITLE Division Operations Engr. DATE Sept. 25, 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Running prod tbg. Landed csg on donut w/5½" BP valve in place. Removed BOP's and installed and packed off tbg spool. Installed BOP's, testing to 3500 psi. Removed BP valve and started in w/2-7/8" N-80 tbg w/Baker latch-in seal assembly and 2 sets seals, 10' prod tube w/Baker knockout plug on btm and Otis off-on tbg divider w/2.205" ID nipple. Press tested tbg to 7500 psi while running. JUN 21 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Running prod eqmt. Started running prod eqmt. All tbg steam cleaned, hand wiped and retouched w/alum paint before running. Press tested tbg to 7500 psi while running. JUN 22 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. MO Western. Finished running prod eqmt, jayed off Otis divider and displaced hole to 10,800' w/FW, inhibited as per Oil Letter No. 1. Spaced out and landed tbg on donut w/4000# set-down wt on pkr. Installed BP valve, removed BOP's, installed Cameron 10,000 psi Xmas tree and removed BP valve. Press tested csg to 3000 psi and tbg and Xmas tree to 10,000 psi w/3000 psi on csg, testing OK. Started RD Western. JUN 23 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208.
6/24: MO Western. Released rig @ 7 AM, 6/24. MI&RU Marshall WL and Hot Oil Service. Ran sinker bars and jars. Press tested tbg to 3000 psi. Knocked out Baker Model "D" plug. RD&MO Marshall and Hot Oil Service.
6/25: Prep to perf. Perforators to be on location and RU by 7 AM; not on location by 7 AM, therefore changed perf companies. Prod eqmt in well as follows: Baker Model "D" pkr @ 10,800, tbg tail thru pkr @ 10,810, Otis tbg divider @ 10,798, 4 jts 2-7/8" N-80 tbg, top of Camco mandrel w/dummy @ 6987, 220 jts 2-7/8" N-80 tbg plus one 10' pup jt one full jt down. Total of 340 jts 2-7/8" N-80, tbg set w/4 pts wt on pkr.
6/26: Attempting to pull perf gun. MI&RU OWP and Hot Oiler. Press tested lubricator to 4000 psi prior to perforating. Perf'd 1 hole @ each of the following depths: 12,338, 12,229, 12,222, 12,175, 12,107, 12,099, 12,087, 12,064, 12,050, 12,032, 12,007, 11,975, 11,917, 11,869, 11,835, 11,685, 11,651, 11,613, 11,597, 11,587, 11,570, 11,509. Perf gun stuck while pulling out of hole @ 9830. Attempted to pull loose for 1 hr. JUN 26 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Pulling out of hole. Attempted to pump into well - could not pump in @ 4500 psi. Released press back to 2400 which was overnight SITP. Worked perf gun free in approx 1 hr. Perf'd one hole at each of following depths: 11,498, 11,491, 11,465, 11,458, 12,550, 12,707, 12,513, 12,469, 12,463, 12,454, 12,451, 12,413, 12,367, and 12,351. Perf gun stuck w/ 2.20 nipple @ 10,798'. Worked and pulled, but could not knock or pull out. Press'd tbg to 4500 psi but perf gun did not move. Continued working perf gun until pulled out of rope socket. Ran sinker bars and jars, knocking perf gun to btm of hole. JUN 27 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Prep to AT. Finished perf'g one hole at each of following depths: 13,163, 13,138, 13,081, 13,052, 12,980, 12,975, 12,961, 12,927, 12,890 and 12,825. RD&MO OWP. JUN 28 1972

Note:

All depths refer to BHC-Sonic-GR log, Run No. 2 dated 5/25/72.

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Prep to set Otis plug. MI&RU Dowell, prep to AT. Tested lines to 10,500 psi. Put 3000 psi on annulus and adjusted BP regulator. AT gross perfs 11,458-13,163 (46 holes) as follows: Bullheaded total of 25,000 gal 15% HCl to perfs @ 5 B/M @ 5400 psi, incr rate to 10 B/M @ 7200 psi. Acid contained 20# J-133, 6 gal A-170, 3 gal F-52, and 3 gal W-27/1000 gal acid. Max press 10,000 psi, avg 8200 psi. Avg inj rate 10 B/M. After 48 phenolic balls on fm, balled out @ 9800 psi. Press bled back to 7800 psi. Press'd back to 10,000 psi and had communication between tbg and annulus. BP regulator working, but press on annulus still rose to 4800 psi. Opened tbg to pit and flowed well for 3 hrs @ 2750 psi FTP on 27/64" chk. While RD&MO Dowell, MI&RU Marshall WL and hot oiler and tried to set plug in Otis 2.205 nipple @ 10,798'. Pmpd 40 bbls 250°F FW down heat string three times and attempted to run gauge ring into tbg each time - would not go beyond 100'± due to paraffin. JUN 29 1972

LEASE SHELL-TENNECO-BROTHERSON
DIVISION ROCKY MOUNTAIN
COUNTY DUCHESNE

WELL NO. 1-10B4
ELEV 6259 KB
STATE UTAH

FROM: 3-6 - 7-25-72

AUG 2 1972

UTAH

ALTAMONT

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,000' Wasatch Te

"FR" Rigging up.
Located 2037' FNL and 2052' FEL, Section 10-T2S-R4W,
Duchesne County, Utah.
Elev: 6233 GL (ungraded)
13,000' Wasatch Test
Shell Working Interest - 79.35%
Drilling Contractor - Parker Drilling Co.
This is a routine Wasatch development test.
Est. spud date 3/7/72. MAR 6 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,000' Wasatch Test

Rigging up to drill rat hole. MAR 7 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,000' Wasatch Test

Rigging up to spud.
Finished drilling rat hole. Spent 16 hrs repairing
rig, working on pump. MAR 8 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,000' Wasatch Test

151/73/1/151. Drilling 17½" hole. Finished drlg
rat hole. Laid out power swivel. Spudded 7:00 PM
3/8/72. MAR 9 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,000' Wasatch Test
13-3/8" csg @ 314'

314/73/2/163. Welding bradenhead. Drilled to 189'
and tripped to change bit. Circ hole clean. Ran
and cmtd 8 jts 13-3/8" 68# ST&C csg w/450 sx Class
"G" cmt containing 3% CaCl₂ w/shoe @ 314'. Pumped
50 bbls wtr ahead. Displaced top plug w/43 bbls wtr.
5 bbl cmt returns. CIP 11:20 PM 3/9/72. MAR 10 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

1480/73/5/1166.
3/11: RU hyd BOP lines. Welded csghd and tested to
1000 psi.
3/12: Drilling cmt and shoe. Finished hooking up
hyd BOP lines and press tested csg and BOP's to 1000
psi, held OK. Tripped in hole and drld 254' cmt.
3/13: Drilling. Finished drlg cmt and tripped out
for stabilizers. #3 Waukesha down. MAR 13 1972
Mud: Wtr

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

2390/73/6/910. Drilling. Dev: 3/4° @ 2197'.
MAR 14 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

2600/73/7/210. Drilling. Twisted off x-over sub box,
bit @ 2589. Fished w/full recovery. Magnafluxed drill
string, 1 cracked stab pin. MAR 15 1972
Mud: Wtr

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

3530/73/8/920. Drilling. Dev: 1/2° @ 3476'. Washed
60' to btm. MAR 16 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

4119/73/9/589. Tripping to change bit. Dev: 1/2° @
4119. MAR 17 1972
Mud: (gradient .433) 8.3 x 27

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

5318/73/12/1199.
3/18: Tripping for new bit.
Mud: (gradient .433) 8.3 x 27
3/19: Drilling. Dev: 1° @ 4510'. Changed cutters
and pin on 5" pt reamer. MAR 20 1972
Mud: (gradient .433) 8.3 x 26
3/20: Tripping to change bit. Dev: 1° @ 5030.
Mud: (gradient .433) 8.3 x 26

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

5480/73/13/162. Drilling. Dev: 1 1/2° @ 5468. Made
SLM 5318' = 5325'. Cut drill line. MAR 21 1972
Mud: (gradient .433) 8.3 x 36

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13-3/8" csg @ 314'

5692/73/14/212. Drilling. Lost 400# pump press.
Checked sfc equipment and tripped @ 5401 to check
string. Found cracked box on btm jt of hvy wt.
Started displacing wtr w/gel mud @ 5680'. MAR 22 1972
Mud: (gradient .433) 8.3 x 26

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
13 3/8" csg @ 314'

5700/73/15/8. Prep to run csg.
Mixed mud and built vol (approx 2400 bbls). Tripped out,
chgd bits, and picked up Monel. Reamed 45' to btm and
drld 8'. Circ and cond mud. Ran Sperry Sun multi-shot.
Broke down Monel and tools. MAR 23 1972
Mud: 8.6 x 42 x 18

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch
9-5/8" csg @ 5698'

5700/73/16/0. Installing 9-5/8" WH. Laid down DC's.
With high winds, ran and cmtd 139 jts 47# S-95 R-3
9-5/8" csg w/400 sx 60:40 poz containing 6% gel, followed
by 200 sx Class "G" cmt containing 2% NaCl (using top and
btm plugs). Displaced w/415 BW (2 bbls over). After
slips were set, Hal cmtd annulus w/300 sx Class "G"
containing 3% CaCl₂. Shoe @ 5698', FC @ 5614 (top 5612.10) WOC.
Circ 40' fill to btm to get csg on btm. Unflanged and
raised BOP's. Set slips around 9-5/8" csg. MAR 24 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

3/25: 5700/73/17/0. Drilling out FC and shoe.
Yellow jacket tested all rams, mud lines and valves
to 5000 psi. Tested hydril to 3500 psi, held OK.
Made up BHA, picked up 7" DC's and installed rubbers
on DP. Tagged cmt @ 5572. Broke circ and drld cmt to
5610.

Mud: Wtr

3/26: 5975/73/18/275. Drilling. Drld FC and tested csg
to 2000 psi, held OK. Changed bit.

Mud: Wtr

3/27: 6510/73/19/535. Drilling.

Mud: Wtr

MAR 27 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

7241/73/20/731. Drilling. MAR 28 1972
Mud: Wtr

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

7860/73/21/619. Drilling. MAR 29 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

8485/73/22/625. Drilling. Pumped off gas and oil.
Gas show @ 8016' - saturated gas, approx 3-4 bbls oil,
dk brn. MAR 30 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

3/31: 8790/73/23/305. Drilling. Dev: 2° @ 8606'.
Made short std trip for bit #16. Cut drlg line. Washed
90' to btm (no fill up).
4/1: 9490/73/24/700. Drilling.
Mud: Wtr.
4/2: 10,050/73/25/560. Drilling. Circ GCM. Mudded
up @ 9805.
Mud: (gradient .461) 8.9 x 38 x 14
4/3: 10,344/73/26/294. Drilling. Checked for gas
show. Hole taking mud @ 9.2 ppg. APR 3 1972
Mud: (gradient .477) 9.2 x 35 x 8.6

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,496/73/27/152. Tripping in hole w/new bit. Dev:
2° @ 10,496'. Changed btm reamer. Cleaned cmt out of
flow line. APR 4 1972
Mud: (gradient .493) 9.5 x 36 x 8.0

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,725/73/28/229. Drilling.
Mud: (gradient .503) 9.3 x 33 x 8.0 APR 5 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,901/63/29/176. Killing gas kick. Lost circ,
losing 200 bbls 10.6# mud from 10,879-10,897. Spotted
30#/bbl LCM pill, recovering full circ. Drld from
10,897-10,901 in 1 hr. Took approx 15 bbl kick. Csg
press 500 psi, DP press 200 psi. Killing well w/11.0#
mud. Using 10.3# mud when well kicked.
Mud: 10.9+ x 34 x 7.8 APR 6 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,907/63/30/6. Tripping for new bit. Killed kick
w/10.7# mud, increasing wt to 11.0#. APR 7 1972
Mud: (gradient .570) 11.0 x 45 x 10.4

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

4/8: 10,923/63/31/16. Drilling. Dev: 2½° @ 10,900'.
Circ and cond mud 9 hrs. Lost 465 bbls mud.
Mud: (gradient .597) 11.5 x 50 x 9.0 (1% LCM)
4/9: 10,936/63/32/13. Cutting drlg line. Circ and
cond mud. Lost 300± bbls mud. Tripped for new bit.
Mud: (gradient .591) 11.4 x 43 x 12.0
4/10: 10,932/63/33/43. Drilling. Cut drlg line.
Broke circ, made 20 std short trip. Made SLM @
10,936 = 10,889'. APR 10 1972
Mud: (gradient .591) 11.4 x 45 x 10.0

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,961/63/34/29. Milling on junk. Tripped out, leaving 3 cones. Ran mill and junk sub, breaking circ - losing mud, 90% returns. Lost 400± bbls mud.

APR 11 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,962/63/35/1. Drilling. Milled on jk 10 hrs and built mud volume. Hole taking mud. Tripped for new bit. Washed and drld by jk w/new bit. Lost 650± bbls mud past 24 hrs. APR 12 1972
Mud: (gradient .596) 11.5 x 42 x 10.6 (10% LCM)

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,969/63/36/7. Tripping in hole w/mill tooth bit. Changed bit and stab. Hit bridge @ 5710'. Cleaned out 14' w/high torque. Tripped out to inspect bit and stab. Trying to work through bridge @ 5724 (no evidence of anything - some formation sloughing in jk sub). Circ w/good returns. APR 13 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

10,969/63/37/0. Tripping in hole. Drld out bridge @ 5730 w/tooth bit. Tripped for insert bit and tried to drill thru bridge @ 5730. Tripped for tapered mill. Milled out bridge @ 5730 and tripped for insert bit. Cut drlg line. Did not find bridge @ 5730. Tight spot @ 5910 - worked bit through OK. APR 14 1972
Mud: (gradient .617) 11.9 x 42 x 10.4 (10% LCM)

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

4/15: 11,050/63/38/81. Drilling. Circ and cond mud for 1½ hrs. No fluid loss.

Mud: (gradient .617) 11.9 x 47 x 6.8 (10% LCM)

4/16: 11,160/63/39/110. Drilling. Lost approx 70 bbls mud @ 11,121-11,140.

Mud: (gradient .617) 11.9 x 44 x 5.0 (8% LCM)

4/17: 11,214/63/40/54. Tripping in hole w/new bit.

Dev: 2¼° @ 11,200. No bridge @ 5730.

Mud: (gradient .617) 11.9 x 47 x 6.6 (10% LCM) APR 17 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

11,275/63/41/61.. Lost circ - have 75% returns.

Lost approx 500 bbls mud from 11,270-11,275.

Mud: (gradient .617) 11.9 x 44 x 8.0 (12% LCM)

APR 18 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

11,275/63/42/0. Circ and cond mud @ 9880. Lost circ for 24 hrs. Increased mud volume and pulled to 6500'. Regained circ and staged into hole. Pumped in 700± bbls w/no returns. APR 19 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

11,307/63/43/32. Drilling. Fighting lost circ. Lost complete returns @ 11,300, losing 500± bbls mud. Mud wt 11.9 x 48 vis. APR 20 1972
Mud: 11.8 x 45 x 6.6 (3% LCM)

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

11,337/63/44/30. Drilling. Tripped out w/Eastman multishot - no good and staged in hole w/bit #23. Worked through csg shoe or tight hole @ 5827. No mud loss. APR 21 1972
Mud: 11.9 x 45 x 6.6 (3% LCM)

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

4/22: 11,384/63/45/47. Drilling. Tripped for new bit @ 11,351. Cut drlg line. No mud loss or tight hole @ 5827±.
Mud: (gradient .617) 11.9 x 46 x 6.6 (3% LCM)

4/23: 11,455/63/46/71. Tripping out of hole for logs. Circ and cond mud prior to logging. APR 24 1972
Mud: 11.9+ x 46 x 6.6

4/24: 11,455/63/47/0. Cond hole. Ran Schlumberger logs.

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
9-5/8" csg @ 5698'

11,455/63/48/0. Circ and cond mud for csg. Staged into hole and circ and cond mud for 20 hrs. Lost 300± bbls. Circ and cond mud off btm w/no mud loss for 4 hrs. Trip gas: 2000 units. Tagged tight spot (shoe jt) @ 5839±. APR 25 1972
Mud: 11.9 x 42 x 6.6

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,455/63/49/0. Cementing liner. Circ and cond mud prior to running liner. Ran 147 jts 33.7# SFJ S-95 7 5/8" liner to 11,453. Circ w/50% returns. Built mud volume. TIW hanger top at 5381, TIW latchdown plug at 11,365, TIW latch collar at 11,371.21, Bkr FC at 11,412.67, APR 26 1972
Bkr shoe at 11,453. Lost 450 bbls mud.

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,455/63/50/0. Circ and cond mud. Cmtd liner w/800 sx Dowell Lite cmt w/6% gel and 175 sx Class "G" cmt containing 10% salt. CIP 8:40 AM. Displaced w/351 bbls - no returns. Max press 3000 psi. Est top of cmt @ 11,275'. Laid down DC's and DP. Tested BOP's, chk and kill lines to 5000 psi, held OK. Staged in hole w/8-5/8" bit. APR 27 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,455/63/51/0. WOC and making up 3½" DP. Staged in hole, circ and cond mud. Tested lap - held to 300 psi. Set RTTS pkr @ 5230'. Broke down fm @ 3½ B/M w/800 psi. Dowell mixed 200 sx Class "G" cmt w/10% salt w/10 bbls wtr ahead, 42 bbls 15.8-15.9 ppg slurry. Displaced w/5 bbls wtr - 100 bbls mud. Cleared tool. Staged slurry and press'd up to 3000 psi. CIP @ 1:00 AM 4/28. APR 28 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

4/29: 11,455/63/52/0. Drilling cmt @ 5351. WOC. Tripped to change out DP.
Mud: (gradient .650) 11.9 x 43 x 7.2
4/30: 11,467/63/53/12. Tripping in hole w/new bit. Cut drlg line. Drld cmt 7½ hrs. Tested top of liner to 2500 psi for 30 min, held OK.
Mud: (gradient .650) 11.5 x 45 x 7.4 MAY 1 1972
5/1: 11,520/63/54/53. Drilling.
Mud: (gradient .650) 12.5 x 46 x 7.4

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,575/63/55/55. Drilling. Circ hole for 1 hr.
Mud: (gradient .660) 12.7 x 42 x 7.2 MAY 2 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,665/63/56/90. Drilling. Repaired wtr line to mud system.
Mud: (gradient .671) 12.9 x 44 x 7.2 MAY 3 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,728/63/57/63. Drilling.
Mud: (gradient .686) 13.2+ x 45 x 7.2 MAY 4 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

11,800/63/58/72. Drilling.
Mud: (gradient .695) 13.4 x 43 x 7.2 MAY 5 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

5/6: 11,870/63/59/70. Drilling.
Mud: (gradient .717) 13.8 x 45 x 7.2
5/7: 11,912/63/60/42. Circ and washing to btm. Tripped
for new bit.
Mud: (gradient .717) 13.8 x 43 x 7.2
5/8: 11,993/63/61/81. Drilling. Washed and reamed to
btm.
Mud: (gradient .728) 14.0 x 44 x 6.8 MAY 8 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,058/63/62/65. Drilling. Tripped for new bit @
12,010'.
Mud: (gradient .733) 14.1 x 44 x 6.8 MAY 9 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,117/63/63/59. Drilling. Well kicked @ 2:30 PM @
12,099'. Had slow pit gain of 8 bbls. SI well w/no
press on DP and 300 psi CP. Opened well and started
to circ. Had pit gain of 4 bbls. SI well w/no press
on DP and 350 psi CP. Circ 3 hrs w/well on chk. Cut
mud to 12.9 ppg. Gas saturated on hot wire. Mud 14.2
ppg.
Mud: (gradient .769) 14.8 x 48 x 6.8 MAY 10 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,188/63/64/71. Drilling. Cond mud and raised mud
wt.
Mud: (gradient .774) 14.9+ x 48 x 6.8 MAY 11 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,225/63/65/37. Drilling. Tripped for new bit @
12,213. Lost 30 bbls mud @ 12,204.
Mud: (gradient .774) 14.9 x 46 x 6.8 MAY 12 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

5/13: 12,337/63/66/112. Drilling.
Mud: (gradient .774) 14.9 x 47 x 6.8
5/14: 12,445/63/67/108. Drilling. Lost 15 bbls mud
@ 14,430.
Mud: (gradient .769) 14.8 x 46 x 6.8
5/15: 12,465/63/68/20. Drilling. Tripped to change
bit. Tested BOP's, top, btm and blind rams and all
chk and kill lines to 5000 psi. Tested kelly cock,
inside BOP and safety valve to 5000 psi. Tested Hydril
to 3500 psi. Picked up 5 Drilco rubber sleeve stabilizers.
Mud: (gradient .769) 14.8 x 48 x 5.6 MAY 15 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,560/63/69/95. Drilling.
Mud: (gradient .780) 15.0 x 47 x 5.4 MAY 1 6 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453

12,655/63/70/95. Drilling.
Mud: (gradient .780) 15.0 x 47 x 5.4 MAY 1 7 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,745/63/71/90. Drilling.
Mud: (gradient .780) 15.0 x 46 x 5.2 MAY 1 8 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

12,843/63/72/98. Drilling.
Mud: (gradient .780) 15.0 x 48 x 5.4 MAY 1 9 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

5/20: 12,923/63/73/80. Drilling. Circ out 850-unit gas show @ 12,908, cutting mud to 13.3 ppg. Background gas: 20-30 units w/15.0 ppg mud.

Mud: (gradient .780) 15.0 x 48 x 5.4

5/21: 13,013/63/74/90. Circ and cond mud prior to tripping for new bit.

Mud: (gradient .785) 15.1 x 45 x 5.4

5/22: 13,013/63/75/0. Staging in hole w/new bit.

Unable to break circ @ 11,400'. Pulled to 5200, circ and cond mud. Staged in 10 stds and circ out. Circ @ 11,000' OK. Lost 320 bbls mud. MAY 2 2 1972

Mud: (gradient .785) 15.1 x 48 x 5.4

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

13,104/63/76/91. Drilling. Staged in w/10 stds and circ out.

Mud: (gradient .785) 15.1 x 46 x 5.4 MAY 2 3 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,200' Wasatch Test
7-5/8" liner @ 11,453'

13,200/63/77/96. Making short trip for logs. Circ and cond mud prior to logging. Reached TD 5:30 AM, 5/24/72. TD
Mud: (gradient .785) 15.1 x 47 x 5.6 MAY 24 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,250' Wasatch Test
7-5/8" liner @ 11,453'

13,250/63/78/50. Logging. Circ and cond mud for logs. Drld 50' in 11 hrs, reaching new TD @ 8:30 PM. Circ and cond mud prior to logging. RU Schi.
Mud: (gradient .785) 15.1 x 48 x 5.6 MAY 25 1972

Shell-Tenneco-
Brotherson 1-10B4
(D) Parker
13,250' Wasatch Test
7-5/8" liner @ 11,453'

13,250/63/79/0. Circ and cond mud for liner. Ran logs as follows: DIL, BHCS-GR w/cal, FDC and CNL w/GR. Staged in hole and circ @ 11,400'.
Mud: (gradient .785) 15.1 x 41 x 6.6 MAY 26 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,250' Wasatch Test
5 1/2" liner @ 13,248'

5/27 13,250/63/80/0. Going in hole w/ 5 1/2" liner. Staged in hole. Circ and cond mud to run liner. Staged in hole w/liner in attempt to search for DP rabbit.
Mud: (.785) 15.1 x 48 x 6.6
5/28 13,250/63/81/0. WOC.
Staged in liner and circ and cond mud. While cmt'g liner, had good returns. Laid down DC's. Cleaned pits. Hung 46 joints 5 1/2" 20# S00-95 SFJ-P liner w/TIW hanger at 13,248'. Top at 11,352, collar at 13,202, shoe at 13,248. 10 bbls water ahead (Dow) - Cmt'd w/235 sx Class "G" neat 16# slurry, 15% salt. Bumped plug w/5 bbls wtr and 151 bbls mud at 2,000 psi, ok. CIP 4:30 p.m. 5/27/72. Pulled dry. Good circ.
Mud: (.785) 15.1 x 44 x 7.4

5/29 13,250/63/82/0. Picking up RTTS tool.
WOC - Made trip and drld cmt from 10,872-11,352. Circ and cond mud. Tested top of 5 1/2" liner w/1500 psi, ok.
Mud: (.780) 15 x 44 x 8.0

5/30 13,250/63/83/0. WO overshot and picking up tbg. Made trip and tested 7 5/8" & 9 5/8" RTTS tools. Picked up 2 7/8" tubing. Unlatched elevators before slips were set. Set 7 5/8" RTTS tool at 11,205' w/62' tail pipe; tested inside and outside w/2000 psi for 15 min. Displace DP w/wtr and tested liner lap for 30 min. Set 9 5/8" RTTS tool at 4035' and tested annulus to 3000 psi for 15 min. Pulled tool to 2010'. Attempted to test but tool would not hold. Laid down tool for repairs. MAY 30 1972
Mud: (.780) 15 x 44 x 8.0

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,250' Wasatch Test
5½" liner @ 13,248'

13,250/63/84/0. Washing out top of 5½" liner.
Fished for tbg and rec'd same. Made trip w/RTTS tool.
Set at 2040', and tested 9 5/8" csg w/4000 psi for 15 min,
test held. Made trip w/4 5/8" bit to CO liner. MAY 31 1972

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,250' Wasatch Test
5½" liner @ 13,248'

13,250/63/85/0. Pulling 10" wear bushing.
Drld cmt from 13,060-13,207. Circ and cond mud.
Laid down DP. JUN 1 1972
Mud: (.780) 15 x 42 x 8.0

Shell-Tenneco
Brotherson 1-10B4
(D) Parker
13,250' Wasatch Test
5½" liner @ 13,248'

13,250/63/8/0. Dismantling rig. Ran 66 jts (2066.72')
2 7/8" EUE 8rd tbg in hole and hung on 10²-5,000# wellhead
w/5½" heat string hanger. Installed BPV. Cleaned mud
pits. Released rig from location 12 noon 6-1-72.
(Discontinue until further activity). JUN 2 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. (RRD 6/2/72) Pulling tbg. MI&RU Western
Oilwell Service 6/14. On 6/15, finished RU and
installed BOP's. Pulled 2-7/8" tbg. Ran 9-5/8" Baker
scraper on 2-7/8" tbg work string to 5381'. Circ out
15 ppg mud w/fresh wtr. JUN 16 1972

RUCK

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208.
6/17: Displacing mud w/fresh wtr. Pulled tbg and
9-5/8" csg scraper. Ran 7-5/8" Baker scraper on 2-7/8"
work string w/1800' 2-7/8" tbg below scraper to displace
mud from 5-1/2" csg. Displaced mud w/fresh wtr until
returns clean.
6/18: SITP and SICP zero. Pulled and laid down 2-7/8"
tbg work string and scraper. MI&RU McC. Could not get
lubricator to test. Changed out swages.
6/19: Prep to pick up 5½" heat string. Press tested
lubricator and csg to 3500 psi - OK. Ran CBL, GR and
collar correlation logs from PBTD, 13,208-6700. Good
cmt bond throughout 5½" csg. Good cmt in 7-5/8" to
7000' w/top of cmt @ 6808. Ran and set Baker Model "D"
pkr w/top of pkr @ 10,800'. RD&MO McC. JUN 19 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Changing out BOP's and installing
tbg spool. Ran 199 jts 5½" 14# K-55 csg heat string.
Csg prepainted alum internally and externally. Each jt
steam cleaned, hand wiped and retouched w/paint before
running. JUN 20 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. MI workover rig. 12-hr SITP 4220 psi. SICP 2600 psi. Pmpd 15 bbls 250°F FW down heat string to preheat oil in tbg. Flowed well to pits for 5 min to assure no plugs of paraffin. MI&RU Hal. Tested lines to 7000 psi. Pmpd 50 bbls 180°F FW down tbg @ 1.5 B/M. TP fell off from 4200-3200 psi. CP incr from 2600-2750 psi. Attempted to run gauge ring on WL - could not get below 120'. Ran sinker bar and gauge ring to 6000' and pulled out of hole. Ran Otis plug and set in tbg divider nipple @ 10,798'. Made 6 attempts to shear off and failed. Pmpd TP to 3400 psi. CP incr to 2850 psi. Jarred 15 min w/no success. Pmpd TP to 3600 psi. CP incr to 3000 psi. Jarred 15 min and sheared off. RD&MO Marshall WL and Hal. Opened tbg to pit and flowed well to zero TP and CP. SI 2 hrs. SITP 80 psi, SICP 25 psi. Pmpd 150 bbls 125°F FW down annulus and out tbg to clean lower annulus and tbg. JUN 30 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208.
7/1: 12-hr SITP 1100 psi. SI 5½" annulus press zero. SI 9-5/8" annulus press 400 psi. Opened tbg to pit for 1/2 hr w/tbg press dropping to 100 psi, CP to 50 psi. SI well 8 hrs while MI&RU Ford Rig #83. 8-hr SITP 700 psi. SICP 250 psi. Flowed well down to 100 psi in 15 min and SI well.
7/2: 12-hr SITP 1080 psi. SICP 260 psi. Opened well to pit and bled TP to 200 psi in 20 min. SI well.
7/3: Prep to pull tbg. 24-hr SITP 1200 psi. SICP 300 psi. Opened well to pit and bled TP to 100 psi and CP dropping to 200 psi. SI well. WO snubbing eqmt. JUL 3 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208.
7/4: 24-hr SITP 840 psi, SICP 250 psi. Opened tbg to pit and bled tbg to zero in 20 min. Pmpd 125°F FW down 5-1/2 x 2-7/8 annulus and out tbg. Pmpd total of 200 bbls, followed by 100 bbls 125°F FW down tbg and out 9-5/8 x 5-1/2 annulus. Both 5-1/2 x 2-7/8 annulus and tbg on sli vacuum. Sli flow of wtr out 9-5/8 x 5-1/2 annulus. Installed BP valve in tbg donut. Removed Xmas tree and installed 6" 5000 psi hyd BOP's, testing same to 5000 psi. Unjayed from Otis tbg divider w/valve in pickup sub. Removed BP valve. Pulled and laid down one jt plus 10' sub and donut. Installed 3000 psi working press hyd strip rubber. Tested Dixico's tbg check valve.

7/5: Circ heat string to CO same. 14-hr SITP 160 psi. 5-1/2 x 2-7/8 annulus 50 psi, 5-1/2 x 9-5/8 annulus 100 psi. Bled off 9-5/8" to pit. Pmpd 90 bbls 125°F FW down 2-7/8 x 5-1/2 annulus and circ out 9-5/8. Pmpd 60 bbls 225°F FW down 2-7/8" tbg and circ out 9-5/8". Both 2-7/8" tbg and 5-1/2 x 2-7/8" annulus on sli vacuum. Pulled prod eqmt, filling tbg w/FW every 16 jts. Found split in lower Camco mandrel, 8" long x 1/2" wide. Filled 5-1/2" heat string w/FW. Ran prod eqmt back in hole w/one Camco mandrel @ 6985, one 4' pup jt above Otis tbg divider and 2' and 10' pup jts one jt down from donut. Latched onto tbg divider. Set down and pulled 10,000# over wt of tbg. Unjayed from tbg divider and displaced annulus below heat string w/inhibited FW. Displaced top 5000' of tbg w/diesel. Latched onto Otis divider and landed tbg on donut w/8 pts wt on pkr and BP valve in donut. Removed BOP's, installed Xmas tree, removed BP valve and tested Xmas tree and tbg to 5000 psi, OK. Bled off tbg and tested csg to 3500 psi, OK. JUL 5 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Prep to pull plug from Camco mandrel. 11-hr SITP 20 psi, SICP 150 psi. Bled CP off to pit. Circ 200 bbls 125°F FW down 5½" heat string and out 9-5/8" csg. Released rig 10 AM. RD&MO Ford.
JUL 6 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208.
Preparing to pull Otis tbg plug. 18 hr SITP - 50 psi. MI&RU Marshall WL. Ran in and pulled dummy valve from Camco KBM @ 6985. MI&RU Newsco. Tested line to 5000 psi. Displaced fresh wtr w/nitrogen to 6985 through Camco mandrel. Ran in and set dummy valve in Camco. Pulled out of hole. Bled off tbg press from 1600 to 400 psi. SI well w/1600 CP and 400 TP. JUL 7 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208.
7/8: Flowing. 11-hr SITP 480 psi, SICP 1600 psi (nitrogen). Bled TP to zero to pit. Filled tbg w/ 170°F FW. Ran overshot on WL and ret equalizing prong from Otis tbg plug. TP dropped from 3200 psi to 2600 psi prior to pulling prong. Ran in hole and pulled Otis tbg plug. RD&MO Marshall WL. Bled N₂ press on annulus from 1600 to 500 psi. Opened tbg and flowed well to pit for 45 min to clean up, w/2200 psi FTP and 24/64" chk. Incr press to 4000 psi. SI 1 hr. Tied flowline into battery. SITP 4100 psi. Opened well to treater @ 4:30 PM, 7/7/72 on 13/64" chk. Well flowed 584 BO and 8 BW w/1500 MCF gas w/4000 psi FTP @ 7 AM, 7/8. FL temp 78°, treater temp 124°.
7/9: Flowing. On 24-hr test, well flowed 1057 BO and no wtr w/1658 MCF gas on 13/64" chk w/3880 psi FTP. FL temp 82°. N₂ compressor went into operation and started circ N₂ around heat string @ 7 AM, 7/8/72. Press 200 psi. Temp in 240° and 112° out.
7/10: Flowing. On 24-hr test, well flowed 1046 BO and no wtr w/1650 MCF gas on 13/64" chk w/3820 psi FTP. FL temp 82°, N₂ compressor circ heat string @ 235° in and 112° out. JUL 10 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24-hr test, well flowed 988 BO and 6 BW w/1536 MCF gas on 10/64" chk w/ 3890 psi FTP and 200 psi CP. JUL 11 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 22-hr test, well flowed 593 BO and 0.5 BW w/1047 MCF gas on 10/64" chk w/3890 psi FTP and 200 psi CP. JUL 12 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24 hr test, well flowed 1081 BO and 2 BW w/1020 MCF gas on 14/64" chk w/3700 psi FTP and 160 psi CP. JUL 13 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24-hr test, well flowed 1108 BO and 3 BW w/2008 MCF gas on 14/64" chk w/3620 psi FTP and 200 psi CP. JUL 14 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24-hr tests, well
flowed as follows: JUL 17 1972

Date	BO	BW	MCF Gas	Chk	FTP	CP
7/15	1316	1	2090	14/64"	3560	200
7/16	1321	90	2231	14/64"	3500	200
7/17	1410	0	2989	14/64"	3480	150

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24-hr test, well
flowed 1259 BO and 4 BW w/2191 MCF gas on 14/64" chk
w/3450 psi FTP and zero CP. JUL 18 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24-hr test, well
flowed 1380 BO and no wtr w/2037 MCF gas on 14/64" chk
w/3440 psi FTP and 100 psi CP. JUL 19 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. On 24-hr test, well flowed
1248 BO and no wtr w/2105 MCF gas on 14/64" chk w/
3200 psi FTP and 130 psi CP. JUL 20 1972

Shell-Tenneco-
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On 24-hr test, well
flowed 1101 BO and no wtr w/1586 MCF gas on 10/64" chk
w/3500 psi FTP and 125 psi CP. JUL 21 1972

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. Flowing. On various tests,
well flowed as follows: JUL 24 1972

Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
7/22	10	218	9	556	10/64"	3500	0
7/23	18	200	0	557	10/64"	3650	0
7/24	24	1049	0	1886	16/64"	3500	125

CASING AND CEMENTING

FIELD Altamont WELL Brotherson 1-10B4 KB to CHF 28.35'

Shoe joint started in hole at 12 noon 3-23-72

Ran 139 jts 9 5/8", 47# smls, S-95 R-3 casing to 5698'

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	ST&C <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
139	47#	CF-95	LT&C	x	5706.33	Sfc.	5698'

139 jts total

Float Collar Top at 5612.10
Guide Shoe at 5698

No. Make & Type:

6 centralizers spaced 6' above shoe, 40' above float collar & 120' above float collar.

Cementing:

RU Hal and used rig pump through Hal equip to pump 40' of fill and get csg to btm. Pmpd 20 BW ahead. Then dropped btm plug and loaded top plug. Pmpd 400 sx 60:40 poz, 6% gel, followed by 200 sx Class "G", 2% salt, and 3/4% CFR-2. Dropped top plug. Displaced w/415 BW, 2 bbls back. CIP 8:50 p.m. 3-23-72. After slips were set around 9 5/8" csg, pmpd 300 sx Class "G", 3% CaCl down annulus. Max press - 150 psi.

Note: Bumped Plug A w/1400 psi, float held.

CASING AND CEMENTING

FIELD Altamont WELL Brotherson 1-10B4

Shoe joint started in hole at 9 p.m. 5-26-72

Ran 46 jts 5 1/2" 20#, smls, SFJP hydril liner to 13,248'

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
46	20#	S00-95	SFJP		1895	11,352	13,248

46 jts total

TIW plane hanger from 11,352-11,359

TIW latchdown collar at 13,202

Diff shoe at 13,248

No. Make & Type:

6 centralizers spaced every 80' from 13,238-12,998

Cementing:

Broke circ at 11:30 a.m. w/1100 psi. Reciprocated and circ 90 min. With 10 bbls wtr ahead (Dow), cemented through shoe at 13,248' w/235 sx Class "G" neat cem, 15% salt. Slurry - 15.5-16#/gal. Mixing complete in 20 min. Max press - 1500 psi. Bumped plug w/5 BW and 151 bbls mud at 2,000 psi, ok. CIP & plug down 4:30 p.m. 5-27-72 w/2,000 psi. Good circ. Bled back 1/2 bbl.

CASING AND CEMENTING

FIELD Altamont WELL Brotherson 1-10B4 KB to CHF 27'

Shoe joint started in hole at 3 p.m. 4-25-72

Ran 147 jts 7 5/8" 33.7# SFJ, S-95 liner to 11,453'

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
	33.7#	S-95	TIW	Hanger	16.77	5381.66	5,398.43
147	33.7	S-95	SFJP		6054.57	5398.43	11,453.00

147 jts total

TIW hanger top at 5,381.66
 TIW latchdown plug at 11,365.00
 TIW latch collar at 11,371.21
 Bkr FC Collar at 11,412.67
 Bkr shoe at 11,453.00

No. Make & Type:

8 centralizers.

Cementing:

Broke circ 1:00 a.m. w/800 psi. Reciprocated and circ 60 min. Lost 450 bbls mud. Circ w/50% returns. With wtr ahead, cemented through shoe at 11,453 w/800 sx Dow lite cement, 6% gel, and 175 sx Class "G" cmt, 10% salt. CIP 8:40 a.m. Wt 12.7 - 16#/gal. Mixing complete in 120 min. Press: Max 300. Plug down 9 a.m. 4-26-72 w/800 to 3,000 psi. Displaced w/351 bbls - no returns. Bled back 1/2 bbl.

DRILLING WELL PROGNOSIS

WELL NAME Brotherson 1-10B4
 TYPE WELL Development
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) NE 1/4 Section 10 T2S R4W Duchesne County, Utah

EST. G. L. ELEVATION 6,290 PROJECTED TD 13,000 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
Back Hoe	20"	Preset Conductor		20'	SAMPLES: 30' 300'-7000' 10' 7000'-TD
17 1/2"	13 3/8"		1°	Casing set 50' below boulders as a minimum 300'	
12 1/4"	9 5/8" (to sfc)			TGR-1 5360 (+950)	CORES: None DST'S: None DEVIATION CONTROL Dogleg severity not to exceed 1 1/2° per any 100-foot interval
			4°	5,700'	
8 5/8"	7 5/8" (hung)			TGR-3 9410 (-3100)	CEMENT See casing prognosis MUD Sfc to 9,000' + water 9,000' + to TD gel/chemical weighted as required
			8°	Transition Top 11,040 (-4750) No Red Beds Expected 11,500'	
6 1/2"	5 1/2" (hung)			Lake Facies Top 12,410' (6120)	See mud program for details
			10°	TD 13,000'	

ORIGINATOR: L. A. Primm DATE 2/29/72

ENGINEERING APPROVAL:

PETROLEUM: [Signature]

OPERATIONS: [Signature]

OPERATIONS APPROVAL:

[Signature]

DIV. DRILLING SUPT.

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 2037' FNL & 2052' FEL Section 10		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.		9. WELL NO. 1-10B4
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6259 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 10-T2S-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 type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Install gas lift equip</u> <input checked="" type="checkbox"/>	
(Other) <u>Install gas lift equip</u> <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: August 27, 1976

BY: R. H. Harrell

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

SIGNED

J. W. Brunel

TITLE Div. Opers. Engr.

DATE 8/24/76

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

INSTALL GAS LIFT EQUIP

SHELL-TENNECO

FROM: 8/4 - 8/24/76

LEASE BROTHERSON
 DIVISION WESTERN
 COUNTY DUCHESNE

ALTAMONT
 WELL NO. 1-10B4
 ELEV 6259 KB
 STATE UTAH

UTAH

ALTAMONT

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

"FR" TD 13,250. PB 13,208. AFE #524244 provides funds to gas lift well. SITP 2500 psi; bled off in 3 hrs. MI&RU PU. Press tested csg to 1500 psi; no bleed off. Pmp'd 20 BW down tbg. Removed tree, installed BOP's & removed BPV. Could not unlatch from pkr. Released on-off tool & circ'd 600 bbls prod wtr. Latched back on on-off tool, released latch from pkr & pulled tbg. SD for night. 8/3 SIP 0. Fin'd pull'g tbg. LD 6200' 5-1/2" heat string. SD for night.

AUG 04 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. SIP 500 psi. Ran 2500' 2-3/8 hyd to get thru pkr & run tbg. Pmp'd 40 bbls lse wtr & 2500 gals 15% HCl foll'd by 60 bbls lse wtr. Pulled 3000' tbg. SD for night.

AUG 05 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. SITP 0. Ran 3000' tbg back in & circ'd 700 bbls lse wtr down csg & out tbg to flush acid. Pmp'd 100 BW down tbg to kill well. Tag'd btm w/tbg @ 13,148'. Started pulling tbg out; left 10 stds in to kill well. SD for night.

AUG 06 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. SIP 0. Ran seal assy w/10' prod tube & on-off tool w/+45 seat'g nip on top. Ran mandrels w/valves in place. Landed tbg w/10,000# tension on pkr. Filled csg w/inh'd frh wtr & press tested tbg w/prod wtr to 6000 psi; no press drop in 45 mins. Installed tree & retested tbg & tree to 5000#, ok. Fished out SV. Hooked up flowline. RD&MO PU. Turned well over to prod.

AUG 09 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 256 BO, 828 BW, 750 MCF gas w/1200 psi.

AUG 10 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. On 12 hr test, prod 39 BO, 24 BW, 180 MCF gas w/1300 psi.

AUG 11 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 334 BO, 790 BW, 694 MCF gas w/1360 psi.

AUG 12 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 369 BO, 829 BW,
594 MCF gas w/1360 psi.

AUG 13 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>
8/14:	24	380	770	537
8/15:	24	410	819	523
8/16:	24	427	829	603

AUG 16 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 329 BO, 629 BW,
544 MCF gas w/1350 psi.

AUG 17 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 20-hr test, prod 351 BO, 604 BW,
610 MCF gas w/700 psi.

AUG 18 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 195 BO, 193 BW,
198 MCF gas w/100 psi.

AUG 19 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 150 BO, 146 BW,
141 MCF gas w/100 psi.

AUG 20 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
8/21:	24	287	583	620	200
8/22:	24	476	869	713	200
8/23:	24	488	830	785	200

AUG 23 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test 7/29/76 before work,
prod 55 BO, 65 BW, 117 MCF gas w/50 psi. On 24-hr test
dated 8/24/76, prod 460 BO, 743 BW, 675 MCF gas w/200 psi.
FINAL REPORT

AUG 24 1976

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 2037' FNL & 2052' FEL Section 10		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.		9. WELL NO. 1-10B4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6259 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., N., OR BLE. AND SURVEY OF AREA SW/4 NE/4 Section 10-T2S-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 type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Install gas lift equip</u> <input checked="" type="checkbox"/>	

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

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

See attachment

THE DIVISION OF

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

SIGNED J. W. Brunel TITLE Div. Opers. Engr. DATE 8/24/76

(This space for Federal or State office use)

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

cc: USGS w/attachment

INSTALL GAS LIFT EQUIP

SHELL-TENNECO

LEASE BROTHERSON
 DIVISION WESTERN
 COUNTY DUCHESNE

ALTAMONT
 WELL NO. 1-10B4
 ELEV 6259 KB
 STATE UTAH

FROM: 8/4 - 8/24/76

UTAH

ALTAMONT

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

"FR" TD 13,250. PB 13,208. AFE #524244 provides funds to gas lift well. SITP 2500 psi; bled off in 3 hrs. MI&RU PU. Press tested csg to 1500 psi; no bleed off. Pmp'd 20 BW down tbg. Removed tree, installed BOP's & removed BPV. Could not unlatch from pkr. Released on-off tool & circ'd 600 bbls prod wtr. Latched back on on-off tool, released latch from pkr & pulled tbg. SD for night. 8/3 SIP 0. Fin'd pull'g tbg. LD 6200' 5-1/2" heat string. SD for night.

AUG 04 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. SIP 500 psi. Ran 2500' 2-3/8 hyd to get thru pkr & run tbg. Pmp'd 40 bbls lse wtr & 2500 gals 15% HCl foll'd by 60 bbls lse wtr. Pulled 3000' tbg. SD for night.

AUG 05 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. SITP 0. Ran 3000' tbg back in & circ'd 700 bbls lse wtr down csg & out tbg to flush acid. Pmp'd 100 BW down tbg to kill well. Tag'd btm w/tbg @ 13,148'. Started pulling tbg out; left 10 stds in to kill well. SD for night.

AUG 06 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. SIP 0. Ran seal assy w/10' prod tube & on-off tool w/+45 seat'g nip on top. Ran mandrels w/valves in place. Landed tbg w/10,000# tension on pkr. Filled csg w/inh'd frh wtr & press tested tbg w/prod wtr to 6000 psi; no press drop in 45 mins. Installed tree & retested tbg & tree to 5000#, ok. Fished out SV. Hooked up flowline. RD&MO PU. Turned well over to prod.

AUG 09 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 256 BO, 828 BW, 750 MCF gas w/1200 psi.

AUG 10 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. On 12 hr test, prod 39 BO, 24 BW, 180 MCF gas w/1300 psi.

AUG 11 1976

Shell-Tenneco-
 Brotherson 1-10B4
 (Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 334 BO, 790 BW, 694 MCF gas w/1360 psi.

AUG 12 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 369 BO, 829 BW,
594 MCF gas w/1360 psi.

AUG 13 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>
8/14:	24	380	770	537
8/15:	24	410	819	523
8/16:	24	427	829	603

AUG 16 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 329 BO, 629 BW,
544 MCF gas w/1350 psi.

AUG 17 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 20-hr test, prod 351 BO, 604 BW,
610 MCF gas w/700 psi.

AUG 18 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 195 BO, 193 BW,
198 MCF gas w/100 psi.

AUG 19 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test, prod 150 BO, 146 BW,
141 MCF gas w/100 psi.

AUG 20 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
8/21:	24	287	583	620	200
8/22:	24	476	869	713	200
8/23:	24	488	830	785	200

AUG 23 1976

Shell-Tenneco-
Brotherson 1-10B4
(Install gas lift equip)

TD 13,250. PB 13,208. On 24-hr test 7/29/76 before work,
prod 55 BO, 65 BW, 117 MCF gas w/50 psi. On 24-hr test
dated 8/24/76, prod 460 BO, 743 BW, 675 MCF gas w/200 psi.
FINAL REPORT

AUG 24 1976

Shell-Tenneco
Brotherson 1-10B4
(D)
13,250' Wasatch Test
5½" liner @ 13,248'

TD 13,250. PB 13,208. OIL WELL COMPLETE. On 24-hr test ending 7 AM 7/24/72, well flowed 1049 BO and no wtr w/1886 MCF gas on 16/64" chk w/3500 psi FTP and 125 psi CP from the following Wasatch perfs:
11,458, 11,465, 11,491, 11,498, 11,509, 11,570, 11,587, 11,597, 11,613, 11,651, 11,685, 11,835, 11,869, 11,917, 11,975, 12,007, 12,032, 12,050, 12,064, 12,087, 12,099, 12,107, 12,175, 12,222, 12,229, 12,338, 12,351, 12,367, 12,413, 12,451, 12,454, 12,463, 12,469, 12,513, 12,550, 12,707, 12,825, 12,890, 12,927, 12,961, 12,975, 12,980, 13,052, 13,081, 13,138, and 13,163.

Oil Gravity: 43.4° API @ 60°F
Test Date: 7/23/72. Initial prod date: 7/7/72.
Elev: 6233 GL, 6259 KB

Log Tops:	TGR-3	9,333'	(-3076)	
	WASATCH	10,930'	(-4671)	JUL 25 1972
	WASATCH LAKE	12,230'	(-5971)	

This was a routine development test.
FINAL REPORT.

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

7

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2037' FNL & 2052' FEL		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO.		9. WELL NO. 1-10B4	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6259' KB		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10-T2S-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:

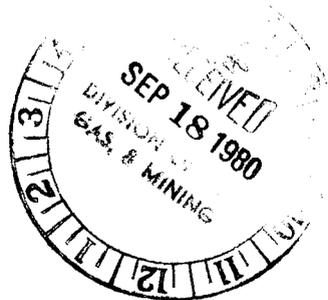
SUBSEQUENT REPORT OF:

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 attached.



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

SIGNED [Signature] TITLE Division Production Engr. DATE 9/15/80

(This space for Federal or State office use)

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

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim) APR 28 1978

"FR" TD 13,250. PB 13,148. AFB #573317 provides funds to perf & stim Wasatch. 4/27 Bled off 1150// CP to trt'r. Pmp'd 500 bbls prod wtr down tbg & put well on vac. Removed WH & installed BOP. Removed BPV, released pkr & POOH. Pulled 192 jts tbg & 2 mndrls & SD for night.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)
4/29-5/1/78

TD 13,250. PB 13,148. 4/28 TP & CP 0. Fin'd POOH; pulled total of 329 jts 2-7/8 tbg, 8 mndrls, +45 SN, seal sasy & 10' prod tube. Made up 7-5/8 pkr picker w/junk basket & RIN to 10,800'. RU drlg equip & drld Mdl D pkr. Pmp'd conventionally total of 700 bbls prod wtr w/no returns. RD drlg equip & POOH 20 jts tbg; pkr hang'g & drag'g. 4/29 TP & CP 0. Fin'd POOH w/tbg, tools & pkr; most of pkr milled up. Made up 4-5/8 mill & RIN to top of liner @ 11,352. Mill hung up in liner, but worked thru to 11,864. Mill hung up again, but worked thru & tag'd fill @ 13,151. POOH 2 jts tbg & SI well.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim) MAY 2 1978

TD 13,250. PB 13,148. TP & CP 50//; bled off. PU 2 jts & tag'd @ 13,151. RU drlg equip & pmp'd rev @ 3 B/M w/no press. BJ pmp'd rev @ 8 B/M for 20 mins; started get'g returns. Went to pit to circ btms up; got gas & oil return. Pmp'd 30 mins until returns cleaned up. Milled 15' to 13,166; start'd plug'g off & not making any hole. Circ'd out some sd. scale & few pieces of metal. Milled total of 3-1/2 hrs & circ'd btms up. RD drlg equip & pulled 3000// over string wt before coming loose. Pulled 298 jts tbg & SI well overnight. Pmp'd 1600 bbls prod wtr; 800 bbls returns.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim) MAY 3 1978

TD 13,250. PB 13,208. 5/2 TP 250// & CP 300//; bled off. Pmp'd 50 bbls prod wtr down csg & fin'd POOH; mill full of wire. Made up 4-1/4 shoe w/3-3/8 ID, 2 jts WP & xover. RIN & tag'd @ 13,160. RU drlg equip & SD for night.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim) MAY 4 1978

TD 13,250. PB 13,208. 5/3 TP & CP 200//; bled off. BJ pmp'd 600 bbls prod wtr @ 8.5 B/M to get returns; get'g oil & gas. Circ'd 300 mora bbls to clean up. Drld from 13,160-13,130. Went over something @ 13,176 & had trbl plug'g off. Made total of 20'. Pmp'd total of 3900 bbls prod wtr; lost 2600 bbls. Circ'd btms up & RD drlg equip. POOH 160 jts tbg & SI overnight.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim) MAY 5 1978

TD 13,250. PB 13,208. TP & CP 0. Fin'd POOH; shoe worn out. Retrieved 6.70' of perf tool & 10.45' of wax cut'g tool. Made up new shoe & 2 jts WP & RIN. RU drlg equip. Hooked up BJ pmp trk & started pmp'g rev @ 12 B/M. Pmp'd 300 bbls before get'g returns. Pmp'd 15 mins to get btms up. Started mill'g; tag'd @ 13,180. Pmp'd @ 6 B/M @ 500 psi. Milled from 13,180-13,183 & quit mak'g hole. Returns show pieces of perf gun. Circ'd btms up & set back down w/3000// set down. Turned & torqued out; took 10,000// over string wt to pull loose. Pulled up off btm & SI overnight. Circ'd total of 2800 bbls prod wtr; lost 1400 bbls.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

5/6-8/78

TD 13,250. PB 13,208. 5/5 TP & CP 75//; bled off. RD
drlg equip & POOH w/tbg. WP & shoe; shoe in fair shape.
RU OWP @ 3:30 p.m. w/lubri. RIH w/lat gun & tag'd @
13,188' Made 3 perf'g runs & RU for 4th. SD for night.
5/6 STP 200//. Fin'd perf'g as per prog except unable to
perf @ 13,191. Perf'd total of 666 new perfs. Press
after perf'g 350//. RIH w/Bkr Fl pkr w/exp plug in place
& set @ 11,750. POOH & RD OWP. Bled off press & started
in hole w/seal assy, on-off connector w/2.31 BFC profile
SN 7 tbg. RIH 96 jts tbg & SI for night.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

MAY 9 1978
F.C. fell after
setting pkr
w/plug @ 11,750'?

13,188'

TD 13,250. PB ~~13,208~~. 5/8 TP & CP 350//; started
bleeding off csg & pmp'g down tbg. Pmp'd 100 bbls
prod wtr. Fin'd RIH total of 369 jts 2-7/8 tbg. 1 10',
1 8' & 1 4' sub. Landed tbg w/10,000// tension. FL
32245 RU BJ & press tested tbg to 7200//. Lost 300//
in 15 mins; did not loose any more press in 45 mins.
RD BJ. Installed 10,000// tree & tested to 8000//, ok.
RU WL trk to KO exp plug @ 11,750'. RIH w/1-7/8" blind
box, but unable to get below 3331'. POOH. RIH w/1-1/4"
blind box & worked thru; KO'd plug. Well on vac. Chased
plug to 13,180' & SD for night.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

MAY 10 1978

TD 13,250. PB 13,208. 5/9 TP 0 & CP 250//. Pmp'd 100 bbls
prod wtr to fill csg. BJ acc'd interval-11,832-13,182
(35 old & 666 new for 701 total perfs) as per prog. Pmp'd
total of 560 bbls 7-1/2% HCl, 100 bbls prod wtr flush & 40
bbls diesel. Used 420 ball sealers & 2500// Uniheads. Max
press 6950 psi, avg 5700. Max rate 11 B/M, min 6, avg 8.9.
ISIP vac. RD BJ. OWP ran GR log; indicated @ least 70% trt'd.
RD OWP & SD for night.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

MAY 11 1978

TD 13,250. PB 13,208. 5/10 TP 950// & 300// gas. Opened well
to pkr & bled off press. Flwd back a mixture of gas/acid
@ 11 w/some diesel; Installed BPV, pulled tree & installed
BOP. RU WL & ran dummy w/gauge ring down tbg to top of on-
off tool; POOH. Locked in Bkr SSG plug @ 11,742 & tested to
3000//, ok. RD WL & got off on-off tool. POOH w/tbg. pups,
370 jts & on-off tool. SI well for night.

FSG?

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

MAY 12 1978

TD 13,250. PB 13,208. CP 50 psi. RU OWP to perf; FL @
3400'. Made total of 11 runs & perf'd as per prog total
of 519 new perfs. Press after perf'g 175//. FL after last
run 2600'. RD OWP-SI well for night.

ALTAMONT

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

5/13-15/78

TD 13,250. PB 13,208. 5/12 CP 150//; bled well (gas). Pmp'd 75 bbls prod wtr down csg & pulled 7-1/16" x 10" spool. Started in hole w/7-5/8" full bore pkr w/unloading sub & plug in place. RIH & set pkr @ 10,692' w/19,000// tension. PL in tbg 300' from sfc. Filled csg & press tested tbg to 7500//; lost 350// in 30 mins. Tested csg to 2500//, ok. RU WL & RIH to retrieve SV. POOH w/valve. Pulled BOP installed BPV & installed tree. Tested ring gasket to 10,000//, ok. SI for night. 5/13 RU BJ to acdz. Tested lines to 10,000//. AT interval 10,809-11,689 (11 old & 519 new perfs) as per prog. Pmp'd total of 15,500 gals 7-1/2% HCl & 280 balls. Held 3000// on csg. Also pmp'd 100 bbls prod wtr; 40 bbls diesel & 1500// Unibeads. Max press 6000 psi, avg 5250. Max rate 12.4 B/M, avg 11.3. ISIP 3300 psi, 5 mins 2170, 10 mins 1280, 15 mins 830 & 20 mins 580. ~~RU ONE to run CR log.~~ RIH w/650// TP & log'd interval 11,740-10,592. Log showed some perfs did not trt. POOH & turned well to pit w/800//; bled down to 200// on 1" chk. Flwd back diesel & flush. Started get'g gas w/sml amt of oil after 22 mins. Flwd to pit 1 hr. SI 30 mins to hook up flwline to trt'r; press blt up to 1600//. Turned to trt'r 3:30 p.m. on 24/64 chk w/1240//.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. Turned well over to prod.
MAY 16 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

MAY 17 1978

TD 13,250. PB 13,208. On 24-hr test ~~gas~~ lifted 1629 BO,
7 BW, 1179 MCF gas w/1280 psi inj gas.

ALTAMONT

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 1632 BO,
0 BW, 1142 MCF gas. MAY 18 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

MAY 19 1978

TD 13,250. PB 13,208. Production Log Summary:

DEPTHS	1st Run	2nd Run	3rd Run
11,680	5.7 B/HR	0 B/HR	4.8 B/HR
11,510	(2.4) Thief	(1.2) Thief	(2.4) Thief
11,450	(3.3) Thief	(7.3) Thief	(9.7) Thief
11,165	4.8	0	0
10,848			
to			
10,880	68.0	43.7	14.6
Net inflow			
to surface	72.8	35.2	7.4

() = Thief zone taking that amount of fluid.
1st Run 32/64" choke w/600 psi FTP
2nd Run 20/64" choke w/820 psi FTP
3rd Run 4/64" choke w/890 psi FTP

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. No report.
5/20 - 22/78

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. No report.
MAY 23 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. No report.
MAY 24 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test gas lifted 1636 BO,
0 BW, 1352 MCF gas w/1280 psi inj press.
MAY 25 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test gas lifted 1899 BO,
0 BW, 1344 MCF gas w/1280 psi inj press.
MAY 26 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

5/27-30/78

TD 13,250. PB 13,208. On various tests gas lifted:

Rpt date	Hrs	BO	BW	MCF gas	Inj Press
5-25	24	1760	0	1348	0
5-26	24	1844	0	1303	0
5-27	24	1686	0	1236	0
5-28	24	1840	4	1251	0

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 1606 BO,
8 BW, 1213 MCF gas w/275 press. MAY 31 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

JUN 1 1978

TD 13,250. PB 13,208. On 24-hr test prod 1628 BO,
37 BO, 1370 MCF gas w/250 press.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

JUN 2 1978

TD 13,250. PB 13,208. On 24-hr test prod 1510 BO,
62 BW, 1174 MCF gas w/250 press.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

6/3-5/78

TD 13,250. PB 13,208. On 24-hr test prod 1458 BO,
1088 BW, 1051 MCF gas w/225 press.

Shell-Tenneco TD 13,250. PB 13,315. On various tests prod:
 Brotherson 1-10B4
 (Perf & Stim) JUN 6 1978

Rept date	Hrs	BO	BW	MCF gas	Press
6-2	24	1316	102	920	250
6-3	24	1271	116	960	200
6-4	24	1230	124	908	200

Shell-Tenneco TD 13,250. PB 13,315. Gauge not available.
 Brotherson 1-10B4 JUN 7 1978
 (Perf & Stim)

Shell-Tenneco TD 13,250. PB 13,315. On 24-hr test prod 1208 BO,
 Brotherson 1-10B4 132 BW, 889 MCF gas w/200 press.
 (Perf & Stim) JUN 8 1978

Shell-Tenneco TD 13,250. PB 13,315. On 24-hr test prod 1177 BO,
 Brotherson 1-10B4 137 BW, 1004 MCF gas w/200 press.
 (Perf & Stim) JUN 9 1978

Shell-Tenneco TD 13,250. PB 13,315. On 24-hr test prod 1234 BO,
 Brotherson 1-10B4 6/10-12/78 112 BW, 809 MCF gas w/200 press.
 (Perf & Stim)

~~ALTAMENT~~
 Shell-Tenneco TD 13,250. PB 13,208. On 24-hr test prod 1130 BO,
 Brotherson 1-10B4 19 BW, 909 MCF gas w/200 press.
 (Perf & Stim) JUN 13 1978

Shell-Tenneco TD 13,250. PB 13,208. On various test prod:
 Brotherson 1-10B4
 (Perf & Stim) JUN 14 1978

Rept date	Hrs	BO	BW	MCF gas	Press
6-10	24	1099	18	747	200
6-11	24	1119	18	800	200
6-12	24	1044	19	800	200

Shell-Tenneco TD 13,250. PB 13,208. On 9-hr test prod 75 BO,
 Brotherson 1-10B4 JUN 15 1978 3 BW, 621 MCF gas w/400 press.
 (Perf & Stim)

Shell-Tenneco TD 13,250. PB 13,208. On 24-hr test prod 939 BO,
 Brotherson 1-10B4 15 BW, 2077 MCF gas w/350 press.
 (Perf & Stim) JUN 16 1978

Shell-Tenneco TD 13,250. PB 13,208. On 24-hr test prod 909 BO, 21 BW,
 Brotherson 1-10B4 1911 MCF gas w/300 press.
 (Perf & Stim) 6/17-19/78

1-1084

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 1029 BO, 24 BW,
1841 MCF gas w/300 press. JUN 20 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 1022 BO, 25 BW,
2332 MCF gas w/300 press. JUN 21 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 1014 BO, 22 BW,
2135 MCF gas w/300 press. JUN 22 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 969 BO, 25 BW,
2300 MCF gas w/320 press. JUN 23 1978

ALTAMONT

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 957 BO, 25 BW,
1884 MCF gas w/340 press. 6/24-26/78

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

JUN 27 1978

TD 13,250. PB 13,208. MICRO Schl & ran prod log per
prog. Ran FBS Gradio & manometer @ 3 different rates on
64 tbg chk, 30 tbg chk & 20 tbg chk. Major flw @ 10,850',
70%; entry @ 11,440, 11,460' & 11,540". Fluid entry is
the same for 3 rates. Caliper indicates scale in 7-5/8"
from tbg btm @ 10,698 to 11,070'. Caliper indicates 2" of
scale @ 10,800'. RD Schl & returned well to prod on
central gas lift: 64/64 tbg chk.

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 960 BO, 31 BW,
1811 MCF gas w/325 press. JUN 28 1978

ALTAMONT

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 600 BO, 13 BW,
1581 MCF gas w/325 press. JUN 29 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 897 BO, 31 BW,
1490 MCF gas w/350 press. JUN 30 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 930 BO, 31 BW,
1165 MCF gas w/275 press. 7/1-3/78

1-10 134

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 876 BO, 28 BW,
1490 MCF gas w/325 press. 7/4-5/78

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test prod 919 BO, 30 BW,
1490 MCF gas w/325 press. JUL 6 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

JUL 7 1978

Rept date	Hrs	BO	BW	MCF gas	Press
7/2	24	659	22	1235	235
7/3	18	758	15	863	250
7/4	24	593	34	1212	260
7/5	24	821	33	1618	260

ALTAMONT

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 840 BO, 31 BW
& 1710 MCF gas w/250 psi. 7/8-10/78

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 931 BO, 29 BW
& 1890 MCF gas w/250 psi. JUL 11 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 860 BO, 31 BW &
1623 MCF gas w/250 psi. JUL 12 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

JUL 13 1978

Rept Date	Hrs	BO	BW	MCF Gas	Press
7/9	24	888	28	1423	200
7/10	24	860	31	1347	200
7/11	24	902	33	1319	250

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 824 BO, 30 BW,
1359 MCF gas w/250 psi. JUL 14 1978

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 831 BO, 31 BW,
1189 MCF gas w/275 psi. 7/15-17/78

ALTAMONT

Shell-Tenneco
Brotherson 1-1084
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 825 BO, 32 BW,
1205 MCF gas w/275 psi. JUL 18 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

JUL 19 1978

TD 13,250.		PB 13,208.		On various tests prod:	
Date	Hrs	BO	BW	MCF Gas	Press
7/15	24	799	32	1290	275
7/16	24	670	29	1189	275
7/17	24	890	33	1381	275

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208. On 24-hr test, prod 798 BO, 33 BW, 1258 MCF gas w/250 press. JUL 20 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim)

TD 13,250. PB 13,208.
(Report discontinued until further activity.)
JUL 21 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

AUG 1 1978

TD 13,250. PB 13,208. (RRD 7/21/78) AFE # 573317 provides funds to install gas lift. MISRU. CP 800//. Hooked up & bled off to treater. Pmp'd 15 bbls prod wtr down tbg & put well on vac. Installed BPV, removed wellhead & installed 6" BOP. Removed BPV & released pkr. Pmp'd 100 bbls prod wtr down tbg. Started out of hole w/tbg: (pulled 90 stands 25000)

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

AUG 2 1978

TD 13,250. PB 13,208. 8/1 Opened well w/0 press. Pmp'd 60 bbls prod wtr down csg. Finished POOH. Removed BOP & tbg spool. Broke out pkr & hooked up tbg spool & BOP while waiting on pkr repair. Removed spool & BOP & made up redressed 7-5/8" 337// full bore pkr. Started in hole w/tbg & mandrels. Ran a total of 235 jts tbg & 10 mandrels.

ALTAMONT

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

AUG 3 1978

TD 13,250. PB 13,208. 8/2 Press 0 psi. Pmp'd 100 bbls prod wtr down csg. RHH remainder of tbg & mandrels. RHH total of 335 jts 2-7/8" tbg & 11 mandrels. Landed tbg w/ -13,000// tension. Removed BOP, 10 x 6 spool & installed wellhead. Hooked up flu lines etc & turned well over to prod. RD & clean up.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. Gauge not available.
AUG 4 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. On 24-hr test, gas lifted 247 BO, 191 BW, 614 MCF gas w/700 psi inj press.
8/5-7/78

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift) AUG 8 1978

TD 13,250.		PB 13,208.		On various tests, gas lifted:		
Date	Hrs	BO	BW	MCF gas	Inj Press	
8/4	24	139	443	699	700	
8/5	24	530	57	802	700	

ALTAMONT

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

AUG 9 1978

TD 13,250.		PB 13,208.		Recap of test data as follows:		
Date	BO	Gross	Gas Lift	Gas		
8/3	247	438	1052	MCF w/700	psi csg press.	
8/4	139	582	847	MCF w/700	psi csg press.	
8/5	530	587	1260	MCF w/700	psi csg press.	
8/6	631	931	1238	MCF w/1120	psi csg press.	
8/7	618	881	1323	MCF w/1120	psi csg press.	
8/8	RUNNING GAS LIFT SURVEY					
	456	640	1255	MCF w/1120	psi csg press.	

Will carry tests on this well while testing 2-10B4.

ALTAMONT

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. On 24-hr test, gas lifted 618 BO,
263 BW & 1507 MCF gas w/1120 psi inj press. AUG 10 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. On 24-hr test, gas lifted 456 BO,
184 BW & 1352 MCF gas w/1120 psi inj press.

AUG 11 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. On 24-hr test, gas lifted 618 BO,
263 BW & 1507 MCF gas w/1120 psi inj press.

8/12-14/78

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. On 24-hr test, gas lifted 701 BO,
342 BW & 1656 MCF gas w/1110 psi inj press.

AUG 15 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 13,208. On 24-hr test, gas lifted 663 BO,
289 BW & 1213 MCF gas w/1110 psi inj press.

AUG 16 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 12,908. On 24-hr test, gas lifted 214 BO,
265 BW & 1327 MCF gas w/1110 psi inj press.

AUG 17 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

AUG 18 1978

TD 13,250.		PB 12,908.		On various tests, gas lifted:	
Date	Hrs	BO	BW	MCF gas	Inj Press
8/13	24	521	196	952	1180
8/14	24	596	258	1038	1200
8/15	24	777	296	1061	1120
8/16	24	867	257	1195	1100

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 908. On 24-hr test, gas lifted 595 BO,
282 BW, 1038 MCF gas w/1100 psi inj press.

8/19-21/78

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 908. On 24-hr test, gas lifted 822 BO,
270 BW, 1474 MCF gas w/1100 psi inj press.

AUG 22 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 908. On 24-hr test, gas lifted 629 BO,
269 BW, 1269 MCF gas w/1100 psi inj press.

AUG 23 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 908. On 24-hr test, gas lifted 795 BO,
271 BW, 1045 MCF gas w/1120 psi inj press.

AUG 24 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 908. On 24-hr test, gas lifted 751 BO,
988 BW, 1131 MCF gas w/1100 psi inj press.

AUG 25 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

8/26-28/78

TD 13,250. PB 908. On various tests, gas lifted:

Date	Hrs	BO	BW	MCF gas	Inj Press
8/22	24	765	282	1250	1100
8/23	24	748	274	1088	1110
8/24	24	791	287	1110	1110
8/25	24	747	269	1104	1090
8/26	24	751	288	1095	1090

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift)

TD 13,250. PB 908. Well is SI while the 2-10B4 is being
prod'd. The 1-10B4 is prod'g 750 BO, 300 BW w/1130 MCF gas
inj & 1000 psi csg press. AUG 29 1978

Shell-Tenneco 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)
AUG 30 1978

TD 13,250. PB 13,208. 8/22 AFB#429757 provides funds to
set temp plug @ 11,180 to isolate lower low press interval
while well 2-10B4 is being evaluated. MI&RU WOW Rig #19.
Shut gas inj off & bled down press. Removed wellhead &
tbg head spool. Stripped 10" BOP on csg head flange. Re-
leased 7" full bore pkr & pulled up 1 jt.

1-10B4

Shell-Tenneco
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug) AUG 31 1978

TD 13,250. PB 13,208. Pmp'd 950 bbls wtr down csg & tried to establish circ w/out success. Started POOH & pkr kept hanging up. Had to shear safety joint; pkr continued drag'g until we got out of 7-5/8" csg. Finished POOH. Started in hole w/Bkr KL on-off tool.

9/1/78 No remedial work done.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

9/2-5/78

TD 13,250. PB 13,208. 8/31 SITP 80 psi. Tag'd top of pkr & PU 2'. BJ rev circ'd hole @ 12 B/M. Set down on on-off tool & pulled 6000// over wt of tbg & tool let go. Tried several more times w/o success. Pmp'd 700 bbls & tried latching onto tool w/o success. Pmp'd down tbg & lowered tbg over tool. Set 20,000// down on tool; press did not incr. Pmp'd 10 bbls 15% HCl dbi-inh'd, wt'd & gelled down tbg. Spt'd acid on top of pkr. Pulled 1000' of tbg & SD for night. (Note: there are 280 ball sealers in the hole.)

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

SEP 6 1978

TD 13,250. PB 13,208. 9/1 RIN & tag'd on-off tool; PU 1'. Pmp'd down backside. Pmp'd 1000 BW before get'g any returns. Set down on on-off tool & stacked tbg wt out on tool. Pulled tbg up & on-off tool latched. Pulled 30,000// over tbg wt. Released seal assy from pkr & MI&RU slickline & RIN. Latched onto equalizing prong & POOH. RIN & tried latching onto Bkr plug w/o success. POOH & RD slickline. Pulled tbg; pulled wet. LD on-off tool & seal assy. RIN w/tbg & SD for weekend.

ALTAMONT

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

SEP 7 1978

TD 13,250. PB 13,208. 9/5 TP 570 psi; bled gas & oil to pit. MI&RU OWP & set Bkr 7-5/8" DAB pkr @ 11,180. RIN w/locator tbg seal assy, 1 jt 2-7/8" tbg, +45 SN, 11 jts 2-7/8" tbg, 1 Camco KBM gas mndrl w/dummy valve, 3 jts 2-7/8" tbg, Bkr 7-5/8" PH-1 pkr & 11 gas mndrls. Tag'd DAB pkr @ 11,180 & spaced tbg out. Set 3000// down on DAB pkr. Pmp'd 100 BW down tbg. MI&RU slickline & RIN w/SV. Set SV in +45 @ 11,149. Pmp'd down tbg; unable to press tbg. POOH w/SV.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

SEP 8 1978

TD 13,250. PB 13,208. 9/6 TP 350// & CP 170//. Pmp'd 150 bbls hot wtr down tbg. RU slickline & set SV in SN @ 11,147. Pmp'd 60 BW before catching fluid. Pmp'd @ 4 B/M @ 1000 psi; unable to press up. Stop'd pmp'g & tbg went on vac. Sheared off of SV & started POOH w/SV in place; found fluid @ dummy mndrl. LD dummy mndrl & press on afc to 1500//, held ok. Fin'd POOH & repl'd seal assy. RIN w/1000' tbg & SD for night..

1-10B4

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

9/9-11/78

TD 13,250. PB 13,208. TP 185 psi. Pulled 400' tbg & MI&RU slickline trk. RIH w/SV. Press tested everything below FH-1 pkr to 6000#, held ok. Pulled SV & RD slickline trk. Press tested 11 gas mndrls on asc to 2000 psi; found 2 valves leaking & repl'd them. RIH w/tbg & mndrls. Stung into Md1 DAB pkr @ 11,180 & set 3000# wt down on tbg. Pmp'd 100 BW down tbg @ 4 B/M w/1200 psi. Pulled 10,000# wt over tbg wt; pkr set. Installed 6" spool & hung tbg in spool w/5000# tension. Installed WH. SD for night. (FH-1) (@±10,700')

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug) SEP 12 1978

TD 13,250. PB 13,208. 9/8 TP 50 psi. Fin'd hook'g up WH. RD WOW #19 & turned well over to prod. Started inj of gas lift down hole. SI well @ 2 a.m. 9/9/78. Well has prod @ this time 206 BO, 133 BW & 884 inj gas. 9/9 RU WL & RIH w/tandem BHP bombs (7 & 9M psi elements). Hung bombs @ 11,000'+; bombs on btm @ 8 a.m. 9/11 Pull'g 72-hr BHP; will rerun new element for further bldup.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. Prep to rerun new element for further bldup.
SEP 13 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug) SEP 14 1978

TD 13,250. PB 13,208. Pulled bombs after 71.5 hrs; bombs off btm @ 9 a.m. 9/12/78. At start of BHP well had 2554 psi BHP. After 71.5 hrs well had 2604 psi BHP. Temp @ 11,000' was 205 deg F. 9/12 RIH w/tandem BHPE's (7 & 9M psi elements). Hung bombs @ 11,000'+; bombs on btm @ 10:30 a.m.

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. SI for BHPS.
SEP 15 1978

ALTAMONT
Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. SI for BHPS.
9/16-18/78

ALTAMONT
Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. SI.
SEP 19 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. Well has been SI since 9/9. On
9/15 another bomb was run into well to 11,000'. Initial
BHP was 2632 psi & after 68.58 hrs was 2650. RIH w/another
72-hr press bomb. SEP 20 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. SI.
SEP 21 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

TD 13,250. PB 13,208. 9/21 Pulled 72-hr BHFB by noon
9/21/78 & RIH w/7-day press bombs & set @ 11,000'±. This
well is SI to evaluate 2-10B4.
(Report discontinued until further activity) SEP 22 1978

Shell-Tenneco-
Brotherson 1-10B4
(Perf & Stim & Install
gas lift & install temp
plug)

FEB 9 1979

TD 13,250. PB 13,280. 2/2 Pmp'd 50 BW into lower zone
thru tbg per prog. Set Bkr FSC blanking plug @ 11,180'.
Pmp'd 110 BW; unable to press tbg. Shot static FL
between tbg & csg & found FL @ 10,400'. Pmp'd 500 BW
but unable to press tbg & csg. RIH; unable to locate
plug @ 11,180'. Ran to 5-1/2" pkr @ 11,750 but unable
to locate plug. POOH with WL. Reran Bkr plug & set @
11,180'. Pmp'd 76 BW & TP to 2000# & CP 500. Pulled
dummy valve. As soon as valve was pulled, had 1400 psi
on csg & 600 psi on tbg. Ran press bombs w/7-day clock
& hung @ 11,180'.
(Report discontinued until further activity.)

Shell-Tenneco-
Brotherson 1-10B4
(Perf, Stim & Install
gas lift & temp plug)

TD 13,250. PB 13,245. (RRD 2/9/79) 3/16 POOH w/180-hr
bomb; off btm @ 1:20 p.m. 3/16/79. 170-hr SBHP 3537 psig
@ 11,180 w/temp of 212 deg F. RIH w/180-hr 7000 psi bomb
on btm @ 2:00 p.m. 3/16/79. MAR 20 1979
(Report discontinued until further activity.)

Shell-Tenneco- APR 27 1979
Brotherson 1-10B4
(Perf, Stim & Install
gas lift & temp plug)

TD 13,250. PB 13,245. (RRD 3/20/79) 4/25 RIH w/7000
psig bomb & 12-hr clock to 11,180'; on btm @ 1:00 p.m.;
off btm @ 3:00 p.m. Made grad stops @ 11,000', 10,000'
& 0'. Dead wt tested in lubri 1357 psi. Press @ 11,180'
was 3580 psig w/temp of 209 deg F.

Shell-Tenneco-
Brotherson 1-10B4
(Perf, Stim & Install
gas lift & temp plug)

TD 13,250. PB 13,245. No report.

4/28-30/79

ALTA MONT
Shell-Tenneco-
Brotherson 1-10B4
(Perf, Stim & Install
gas lift & temp plug)

TD 13,250. PB 13,245. Well SI.
(Report discontinued until further activity.)

MAY 1 1979

1-10B4

ALTAMONT

Shell-Tenneco MAY 11 1979

Brotherson 1-10B4

(Perf, Stim & Install
gas lift & temp plug)

TD 13,250. PB 13,245. (BRD 5/1/79) 5/9 RIH w/7000
psi bomb w/12-hr clock to 11,180'. On btm @ 9:45 a.m.;
off btm @ 12:45 p.m. 5/9. Press @ 11,180' was 358 1/2 psig,
temp 208 deg F. & sfc press 1305 psig.
(Report discontinued until further activity.)

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

SUBMIT TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

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. #6461 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 2037' FNL & 2052' FEL SEC. 10		8. FARM OR LEASE NAME BROTHERSON																				
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6233' GL	9. WELL NO. 1-10B4																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT ALTAMONT																				
<table border="0"> <tr> <th colspan="2">NOTICE OF INTENTION TO:</th> <th colspan="2">SUBSEQUENT REPORT OF:</th> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>		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"/>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 T2S R4W
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"/>																				
		12. COUNTY OR PARISH 18. STATE DUCHESNE UTAH																				

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

SEE ATTACHED

RECEIVED

AUG 14 1981

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

DIVISION OF
OIL, GAS & MINING

DATE: 8-24-81
BY: M.S. Munder

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

SIGNED [Signature] TITLE DIVISION PROD. ENGINEER DATE 8-6-81

(This space for Federal or State office use)

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

REMEDIAL PROGNOSIS
BROTHERSON 1-10B4
SECTION 10, T2S, R4W
ALTAMONT, UTAH

Pertinent Data:

Shell's Share: 79.36%

Elevation (KB): 6259'

KB-GL: 26'

TD: 13,250'

PBTD: 13,188' (workover 5/78)

Casing: 13-3/8", 68# to 314'; 9-5/8", 47#, S-95 to 5698'; 7-5/8", 33.7 #, S-95 to 11,453'

Liner: 5-1/2", 20#, S00-95. Top at 11,352', bottom at 13,245'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 11,178'

Packers: Baker 7-5/8", FH-1 Hydrostatic at 10,700', Baker 7-5/8" Model "DAB" at 11,180' with locator seal assembly and millout extension. Baker 5-1/2" "FA-1" at 11,750' with FSG plug laying on top of packer.

Perforations: Original perfs - 46 holes, 11,458'-13,163'

May 1978 - added 1188 holes (3 JSPF), 10,809'-13,191'

Current Status: Shut-in

Objective:

Pull tubing, gas lift mandrels, and hydrostatic packer. CO and stimulate Upper Transition interval 10,809'-11,180'. Return well to gas lift production.

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.
2. Pull tubing, 7-5/8" FH-1 hydrostatic packer at 10,700', and seal assembly in 7-5/8" Model DAB packer at 11,180', laying down gas lift mandrels while coming out. Note: Inspect mandrel opposite perforated interval 10,689'-11,180' for scale. If scale is present, obtain sample and send to K. B. Mays, Woodcreek 6469, Houston.
3. RIH with mill and CO to 11,175'± (7-5/8" Model DAB at 11,180'±). POOH. If scale is encountered, obtain sample and send to K. B. Mays, Woodcreek 6469, Houston.
4. RIH with tubing and 7-5/8" fullbore packer. Set packer at 10,700'±. Test tubing to 6500 psi.
5. Acid treat perfs 10,809'-11,689' (530 holes) with 20,000 gallons of 7-1/2% HCl as follows:
 - a. Pump 1000 gallons 7-1/2% HCl.
 - b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 50 gallons.
 - c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.

Remedial Prognosis
Brotherson 1-10B4
Section 10, T2S, R4W
Duchesne County, Utah
Altamont Field

Pertinent Data:

AFE No. 573317
Shell's Share 79%

KB Elevation: 6259'

KB-GL: 26'

AFE No. 573314

TD: 13,250'

PBTD: 13,208' (Junk: knock-out plug and perforating gun)

9-5/8", 47#, S-95 @ 5698'

7-5/8", 33.7#, S-95, SFJ @ 11,453'; 7-5/8" liner top @ 5381'

5-1/2", 20#, S00-95, SFJ-P @ 13,245'; 5-1/2" liner top @ 11,352'

Packer: 7-5/8" Model "D" @ 10,800'

Tubing: 2-7/8", 6.5#, N-80, EUE with 8 gas lift mandrels and valves

Existing Perforations:

6/26 - 27/72 - (Initial completion) - 46 perfs 11,458' - 13,163' (M2 Trans. to M5), with 2-1/16" gun, unidirectional.

Previous Stimulation:

6/28/72 - Acid treat 46 perfs 11,458' - 13,163' with 25,000 gallons 15% HCl. Balled out at 9800 psi with 48 balls on formation. No RA sand.

12/10/75 - Acid wash perfs with 6000 gallons 15% HCl using coiled tubing.

8/4/76 - Spotted 2500 gallons 15% HCl on bottom and let soak overnight. (This was part of work to install gas lift.)

Current Status:

Averaged 184 BOPD and 406 BWPD in March while gas lifting (central system).

Cumulatives as of 3/31/78 are: 537,283 BO, 597,258 BW (52.6%), and 798,527 MCF (1486 GOR).

Estimated effective reservoir pressure is 2500 psi at 10,000'.

Procedure:

1. MI&RU workover rig. Kill well with produced water. Remove tree, install and test B.O.P.E. as per field specs.
2. Pull tubing. Mill and pluck 7-5/8" Baker Model "D" packer at 10,800'.

Brotherson 1-10B4
Remedial Prognosis
Attachment II

Note:

- a. All shots to be 3 JSPF at 120° phasing. Intervals below 5-1/2" Liner top (at 11,352') to be shot with 3-1/8" gun and 13.5 charges. Intervals above 5-1/2" liner top to be shot with 4" gun and 19.0 gram charges.
- b. Record and report wellhead pressure before and after each run.
- c. Perforate (from bottom up) each of the following intervals using the McCullough GR-CBL-CCL dated 6/18/72 as depth reference:

11,687-89 (6 shots)	11,453-56 (9 shots)	11,231 (3 shots)	11,008-11 (9 shots)
11,683-85 (6)	11,434-38 (12)	11,227 (3)	10,991-93 (6)
11,677-79 (6)	11,411-14 (9)	11,216 (3)	10,985 (3)
11,666-68 (6)	11,402 (3)	11,211 (3)	10,977-79 (6)
11,647-51 (12)	11,386 (3)	11,202-04 (6)	10,964-66 (6)
11,633 (3)	11,375-77 (6)	11,190-93 (9)	10,957 (3)
11,610-13 (9)	11,364 (3)	11,168-71 (9)	10,953 (3)
11,603-05 (6)	11,357-60 (9)	11,159 (3)	10,950 (3)
11,595-97 (6)	11,350-52 (6)	11,149-51 (6)	10,944 (3)
11,583-87 (12)	11,330-32 (6)	11,142-45 (9)	10,937-40 (9)
11,566-68 (6)	11,322-24 (6)	11,134 (3)	10,932 (3)
11,560-62 (6)	11,314-16 (6)	11,123 (3)	10,924 (3)
11,556 (3)	11,304-07 (9)	11,119 (3)	10,910-16 (18)
11,538 (3)	11,294 (3)	11,102-05 (9)	10,902 (3)
11,521-23 (6)	11,288-91 (9)	11,068-77 (27)	10,895 (3)
11,512-14 (6)	11,275-77 (6)	11,059 (3)	10,887-90 (9)
11,504-06 (6)	11,265-68 (9)	11,055 (3)	10,870-74 (12)
11,495 (3)	11,260 (3)	11,046 (3)	10,862 (3)
11,486-88 (6)	11,249-53 (12)	11,030 (3)	10,847-51 (12)
11,479-81 (6)	11,242 (3)	11,025-27 (6)	10,838 (3)
11,460-62 (6)	11,234-36 (6)	11,014-16 (6)	10,834 (3)
			10,829 (3)
			10,809 (3)

Total new perms 10,809' - 11,689': 519 (@ 3/ft).

- d. Repeat Step (b) 3 more times and Step (c) 2 more times for a total of 4 stages acid and 3 of diverting material (total 20,000 gallons acid and 400 ball sealers).
- e. Flush with 110 bbls of clean produced water.

- Notes:
- 1. All acid and flush to contain 6 gallons G-10/1000 gallons HCl or equivalent for +70% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
 - 2. All acid to contain 3 gallons C-15/1000 gallons HCl for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
 - 3. Maintain 2500 psi surface casing pressure during treatment if possible.
 - 4. Pumping rates: Pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
 - 5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
 - 6. Record ISIP and shut-in pressure decline for at least 20 minutes.

- 6. Run RA log from 11,750+ to 10,600'+. Note: If logging tool cannot be run easily through 7-5/8" DAB packer at 11,180', run RA log from 11,180'+ to 10,600'+.
- 7. POOH with 7-5/8" fullbore packer at 10,700'+.
- 8. RIH with tubing, GL mandrels, and 7-5/8" fullbore packer. Set packer at 10,700'+. Install mandrels as shown in Attachment I.
- 9. Return well to production. Report daily well tests on morning report.

D. D. Laumbach

Date

MEB:SJP
7/8/81

MEB
7/8/81
WFK
7/10/81

- Clean out 5-1/2" liner to 13,200'. (Deepest perf to be shot @ 13,191'.)

NOTE: Perforating gun and knock-out plug left on bottom from original completion in June, 1972. PBD tagged at 13,148' with tubing in August, 1976.

- Rig up perforators with lubricator (test to 3000 psi) and perforate as per Attachment I.
- Run 5-1/2" Model "F" Packer with a Model B expendable plug in place (if necessary) on wireline and set at 11,750'. Run tubing (test to 7500 psi) with Model "E" Anchor Seal Assembly below a Model "EL" tubing receptacle.
- Acid treat the interval 11,832'-13,191' (35 old, 669 new = 704 total perfs) with 23,500 gallons 7-1/2% HCl as follows:

- Pump 3500 gallons of acid, dropping one ball sealer (7/8", RCN, 1.2 S.G.) every 50 gallons.
- Pump 500 gallons of acid containing 500# of OS-160 Unibeads (50% Buttons, 50% Wide Range).
- Repeat Step (a) 5 more times and Step (b) 4 more times.

TOTALS: 23,500 gallons 7-1/2% HCl, 2500# Unibeads and 420 ball sealers.

- Flush with 4200 gallons of clean produced water.
- Record ISIP and shut-in pressure decline for at least 20 minutes.
- If Unibeads are expected to be a problem, pump +50 Bbls of diesel.

Note:

- All acid and flush to contain sufficient friction reducing agent for +70% friction reduction (6 gallons G-10 or equivalent per thousand gallons) and 1# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
- Acid to contain sufficient inhibitor for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
- Heat all fluids to 80°F.
- Inject acid and flush at maximum rate while not exceeding 7500 psi surface pressure. ~~NO acid pump into casing~~
- Increase amount of diverting material as necessary to obtain a gradual increase in treating pressure and/or decrease in pumping rate.

7. Run GR log from PBTD to +11,500' as soon after treatment as possible and before flowing back any fluids.
8. Attempt to flow test well. If well does not flow, or when flow testing is complete, rig up wireline unit and run a Baker "FWV" equalizing check valve (or equivalent) into "F" locking groove in on-off tool above packer. Pressure test tubing to 3000 psi to assure plug is holding.
9. Release from on-off connector and POOH.
10. Rig up perforators with lubricator (test to 3000 psi) and perforate as per Attachment II.
11. Run a 7-5/8" Model "DB" packer with a 6' Millout Extension (Bakerlocked) with a 10' 2-7/8" pup joint below the millout extension and a 2.31" Model "V" seating nipple on bottom with a FWG blanking plug in place. Set packer at 10,700'. Run tubing (test to 7500 psi) with Anchor Seal Assembly and latch into packer. Pull blanking plug after wellhead is secure. (If well does not have pressure after perforating, run tubing with a 7-5/8" Full-Bore packer set at 10,700'.)
12. Acid treat the interval 10,809'-11,689' (11 old, 519 new = 530 perfs) with 15,500 gallons 7-1/2% HCl using same procedure outlined in Step 6, except pump a total of 4 stages of acid and 3 stages of Unibeads (for totals of 15,500 gallons acid, 1500# of Unibeads, and 280 ball sealers).

Note:

1. Ball sealers used in this treatment should be 1.1 specific gravity to try to reduce number of balls collecting around on-off connector at bottom of interval.
2. Pressure annulus to 3000 psi and use a maximum surface treating pressure of 10,000 psi.

Other notes same as for Step 6.

13. Run GR log from PBTD to +10,600' as soon after treatment as possible and before flowing back any fluids.
14. Flow well. If interval below plug at +11,750' is believed capable of flowing, attempt to fish check valve from on-off connector as soon as possible.
15. When pressure is low enough to control well with water, pull tubing. Mill and pluck 7-5/8" Model "D" @ 10,700' (if a "D" was run in Step 11). Retrieve on-off connector and seal assembly from the packer at +11,750'. Pluck packer at 11,750'.
16. Run tubing with 7-5/8" retrievable packer and gas lift mandrels w/valves in place as per attached design. Set packer at +10,700'.

17. Put well on gas lift production. When production has stabilized, run a gas lift survey.

ESV
4/14

MRS:KW

4/14/78

J. A. Stanzione 4/21/78
J. A. Stanzione

Brotherson 1-10B4
Remedial Prognosis
Attachment I

- Note:
- a. Perforate with a 3-1/8" O.D. hollow steel carrier loaded with Hyperjet 13.5 gram charges, 3 JSPF at 120° phasing.
 - b. Record and report wellhead pressure before and after each run.
 - c. Perforate (from bottom up) each of the following intervals using the McCullough GR-CBL-CCL dated 6/18/72 as depth reference:

13,191 (3 shots)	12,928-33 (15 shots)	12,658-60 (6 shots)	12,227-31 (12 shots)
13,186 (3)	12,925 (3)	12,630-40 (30)	12,220-23 (9)
13,172 (3)	12,922 (3)	12,625 (3)	12,190 (3)
13,169 (3)	12,914 (3)	12,620-22 (6)	12,174-79 (15)
13,166 (3)	12,907 (3)	12,610 (3)	12,155 (3)
13,162-64 (6)	12,892-95 (9)	12,572 (3)	12,138-40 (6)
13,149-51 (6)	12,881 (3)	12,566 (3)	12,129-31 (6)
13,138-41 (9)	12,860-63 (9)	12,560-63 (9)	12,105-07 (6)
13,133-35 (6)	12,846-48 (6)	12,550-53 (9)	12,097-100 (9)
13,126 (3)	12,832 (3)	12,541-43 (6)	12,086-89 (9)
13,116 (3)	12,824-29 (15)	12,535 (3)	12,080 (3)
13,102 (3)	12,799-801 (6)	12,531 (3)	12,075 (3)
13,088 (3)	12,784 (3)	12,512-16 (12)	12,073 (3)
13,080-83 (9)	12,775 (3)	12,490-92 (6)	12,062 (3)
13,067 (3)	12,765 (3)	12,476 (3)	12,056 (3)
13,051-56 (15)	12,759-62 (9)	12,468-71 (9)	12,050 (3)
13,035-37 (6)	12,755 (3)	12,462-64 (6)	12,042-44 (6)
13,031 (3)	12,733-35 (6)	12,450-56 (18)	12,033 (3)
13,017-20 (9)	12,722-24 (6)	12,412-14 (6)	12,006-08 (6)
13,006 (3)	12,713 (3)	12,408 (3)	11,972-76 (12)
12,992 (3)	12,707-10 (9)	12,401 (3)	11,956 (3)
12,982-86 (12)	12,698 (3)	12,394 (3)	11,915-21 (18)
12,976-78 (6)	12,691-93 (6)	12,387-89 (6)	11,880-82 (6)
12,972 (3)	12,685 (3)	12,363-71 (24)	11,877 (3)
12,963-66 (9)	12,678-80 (6)	12,355-57 (6)	11,873 (3)
12,940-42 (6)	12,666-68 (6)	12,349-51 (6)	11,868-70 (6)
		12,336-40 (12)	11,832-36 (12)

Total new perfs 11,832' - 13,191': 669 (@ 3/ft)

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:

Duchesne

UTEX OIL CO. % SHELL WESTERN E&P INC.		N10410
PO BOX 576 HOUSTON TX 77001 ATTN: B.T. KENT, OIL ACCT.	Operator name <i>Change</i>	Utah Account No. N0840 Report Period (Month/Year) 8 / 84 Amended Report <input type="checkbox"/>

Well Name	API Number	Entity	Location	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
						Oil (BBL)		
X FARNSWORTH 1-07B4	4301330097	01600	02S 04W 7	WSTC	51	0	0	0
X FARNSWORTH 1-13B5	4301330092	01610	02S 05W 13	WSTC	21	685	2847	4206
X BROTHURSON 1-10B4	4301330110	01615	02S 04W 10	WSTC	0	0	0	0
X BROTHURSON 2-10B4	4301330443	01615	02S 04W 10	WSTC	23	2785	1640	12686
X CHATWIN 1-21A4	4301330101	01620	01S 04W 21	GRRV	23	1604	1584	6220
X POWELL 1-33A3	4301330105	01625	01S 03W 33	WSTC	0	0	0	0
X BRADCOCK 1-12B4	4301330104	01630	02S 04W 12	WSTC	22	923	1016	7871
X HANSON TRUST 1-05B3	4301330109	01635	02S 03W 5	GR-WS	21	576	1038	4377
X HANSON 1-32A3	4301330141	01640	01S 03W 32	WSTC	21	65	1069	3080
X FARNSWORTH 1-12B5	4301330124	01645	02S 05W 12	WSTC	31	2326	546	12710
X UTE TRIBAL 1-20B5	4301330376	01650	02S 05W 20	WSTC	17	1211	0	1160
X ELLSWORTH 1-08B4	4301330112	01655	02S 04W 8	WSTC	0	0	0	0
X ELLSWORTH 1-09B4	4301330118	01660	02S 04W 9	WSTC	20	758	418	4322
TOTAL						10933	10218	56632

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 ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR ANR Limited Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements.* See also space 17 below.) At surface See attached list	8. FARM OR LEASE NAME Brotherson
	9. WELL NO. 1-10B4
	10. FIELD AND POOL, OR WILDCAT
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10 2s 4w
16. PERMIT NO. 43-013-30110	12. COUNTY OR PARISH Wasatch
15. ELEVATIONS (Show whether DF, RT, GR, etc.)	13. STATE

RECEIVED
DEC 31 1986

DIVISION OF
OIL, GAS & MINING

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

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

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

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

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

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

(This space for Federal or State office use)

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



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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
UTE UNIT 1-34A4 4301330076 01585 01S 04W 34	WSTC				
MONSEN 1-21A3 4301330082 01590 01S 03W 21	GR-WS				
BROADHEAD 1-21B6 4301330100 01595 02S 06W 21	WSTC				
FARNSWORTH 1-07B4 4301330097 01600 02S 04W 7	WSTC				
FARNSWORTH 1-13B5 4301330092 01610 02S 05W 13	WSTC				
BROTHERSON 1-10B4 4301330110 01614 02S 04W 10	WSTC				
BROTHERSON 2-10B4 4301330443 01615 02S 04W 10	WSTC				
CHATWIN 1-21A4 4301330101 01620 01S 04W 21	GRRV				
POWELL 1-33A3 4301330105 01625 01S 03W 33	WSTC				
BABCOCK 1-12B4 4301330104 01630 02S 04W 12	WSTC				
HANSON TRUST 1-05B3 4301330109 01635 02S 03W 5	GR-WS				
HANSON 1-32A3 4301330141 01640 01S 03W 32	WSTC				
FARNSWORTH 1-12B5 4301330124 01645 02S 05W 12	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
JUN 6 1988

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or back to a different reservoir. Use "APPLICATION FOR PERMIT—" for 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, ALLOTTED 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 2037' FNL & 2052' FEL Section 10		8. FARM OR LEASE NAME Brotherson	
14. PERMIT NO. 43-013-30110		9. WELL NO. 1-10B4	
15. ELEVATIONS (Show whether SP, RT, CR, etc.) 6259' KB		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLE. AND SUBST. OR AREA SW/4 NE/4 Sect. 10, T2S, 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 type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) Rod Pump Conversion <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

We plan to convert the above referenced well from a gas lift to a rod pump to reduce lifting costs and increase production.

18. I hereby certify that the foregoing is true and correct
SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 6-1-88
Brenda W. Swank
(This space for Federal or State office use)

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



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 12, 1988

Ms. Eileen Dey
ANR Production Company
P.O. Box 749
Denver, Colorado 80201-0749

Dear Ms. Dey:

RE: Approvals for Conversion of Artificial Lift Equipment

Based on our recent telephone conversation, I reviewed our records for the eight wells listed on the attached table. During June and July of this year, the Division of Oil, Gas and Mining received both preliminary and subsequent sundry notices which indicated that the eight wells were converted from gas lift to rod pump. The sundry notices were recorded and filed but the Division took no action to approve or acknowledge receipt of the documents. This letter will attempt to better explain the procedures regarding submittal and approval of sundry notices.

The types of operations for which the Division requires a notice of intent include any workover or other downhole operation on a well which affects the producing zone of the well. Such activities include recompletions, plug backs, plug and abandonment, perforation and reperforation, acid stimulation, fracture stimulation, etc. The sundry notice form (DOGDM form 5) should be used for submitting a notice of intent to the Division. In all cases where notice of intent is required, approval must be obtained either verbally or in writing prior to commencing such operations. After the operation has been performed, the operator should submit a subsequent notice using the sundry notice form which provides the details of the work performed and any modifications to a previously stated plan of operations.

Sundry notice forms should also be utilized for requests for approval or notification to the Division of gas venting or flaring, testing activities, leaks or spills, undesirable events, or other conservation related operation. Approval of such activities may be required contingent upon whether advance knowledge of the operation was available and whether the activity was an emergency necessitated by prudent operations. For example, gas venting or flaring normally requires prior approval; however, in cases of emergencies, reasonable amounts of gas may be vented or flared without approval as long as the Division is timely notified and the operator acts to control the emergency condition.

Page 2
Ms. Eileen Dey
December 12, 1988

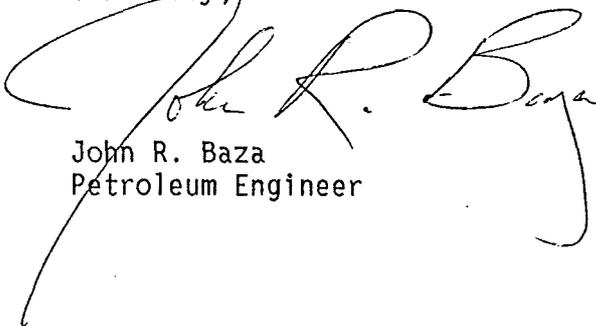
The Division does not normally require prior notice of intent and approval of other surface operations or routine maintenance activities unless such notice has been required under a condition of approval, by a formal request for action by the Division, or by order of the Board of Oil, Gas and Mining. However, if an operation causes a substantial change in production or disposition of product from a well, it would be helpful to receive a short explanation from the operator. In such circumstances, subsequent notice of well activities is adequate and sufficient. The Division will not normally respond to subsequent notification of work performed, and such documents will simply be recorded and filed in Division records.

Another situation in which sundry notice forms may be used is notification of change of operator on a well. Again, this is not a circumstance that the Division must approve; however, the Division must receive prompt notification of operator changes from both the previous operator and the new operator of any well in the state. The Division will record any operator changes upon receipt of notification from both parties, and no other response or action will be taken by the Division.

In the case of the eight wells on the attached list, it is not necessary to provide notice of intent or obtain approval from the Division for conversion of the artificial lift equipment as long as no other associated downhole work is involved. For this reason, the Division did not respond to your submitted sundry notices. Any documents of this type which you might submit in the future will normally be recorded and filed as information items.

I hope this clarifies the procedures for sundry notice submittal and approval. If you have any other questions or concerns, please do not hesitate to contact me.

Sincerely,



John R. Baza
Petroleum Engineer

Attachment
cc: D. R. Nielson
R. J. Firth
Well files
OI2/22-23

ANR PRODUCTION COMPANY

<u>Well Name & Number</u>	<u>API Number</u>	<u>Section, Township & Range</u>
Hanson 1-32A3	43-013-30141	32, 1 South, 3 West
Jenkins 1-1B3	43-013-30175	1, 2 South, 3 West
Hansen Trust 1-5B3	43-013-30109	5, 2 South, 3 West
Hanson 1-9B3	43-013-30144	9, 2 South, 3 West
Evans 1-19B3	43-013-30265	19, 2 South, 3 West
Brotherson 1-10B4	43-013-30110	10, 2 South, 4 West
Brotherson 1-26B4	43-013-30336	26, 2 South, 4 West
Potter 1-14B5	43-013-30127	14, 2 South, 5 West

012/24

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

7

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to recomplete or recompletion wells.
Use "APPLICATION FOR PERMIT—" for

RECEIVED
JUN 15 1988

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 2037' FNL & 2052' FEL Section 10		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO. 43-013-30110	15. ELEVATIONS (Show whether SP, ST, OR, etc.) 6259' KB	9. WELL NO. 1-10B4
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR RLE, AND SURVEY OR ABBA SW/4 NE/4
		12. COUNTY OR PARISH 13. STATE Duchesne Utah

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

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

Well converted from gas lift to rod pump on 6-4-88.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
①-TAS	
②- MICROFILM	<input checked="" type="checkbox"/>
③- FILE	<input checked="" type="checkbox"/>

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

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 6-13-88
Brenda W. Swank

(This space for Federal or State office use)

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

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.

7. Unit Agreement Name:

1. Type of Well:

OIL GAS OTHER:

8. Well Name and Number:

Brotherson #1-10B4

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-30110

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: 2037' FNL & 2052' FEL

County: Duchesne

QQ, Sec., T., R., M.: SWNE Section 10-T2S-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 checked="" 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 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 _____ | |

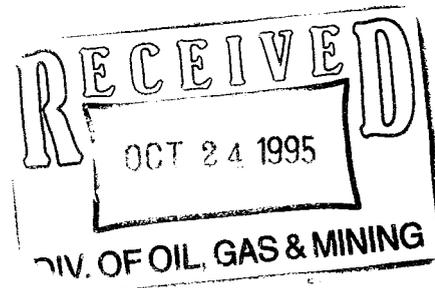
Date of work completion _____

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 on the subject well.



13.

Name & Signature:

Sheila Bremer

Sheila Bremer

Title: Environmental & Safety Analyst

Date: 10/23/95

(This space for State use only)

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

DATE: 10/26/95

BY: *[Signature]*

BROTHERSON 1-10B4
Section 10 T2S R4W
Altamont Field
Duchesne Co. Utah

PROCEDURE

1. MIRU PU. POOH w/rods & pmp. Kill well if necessary. NDWH NUBOP. Rlse TAC set @ 10,504'. POOH.
2. RIH w/6-1/2" bit and csg scraper to 10,800'. POOH
3. MIRU Wireline Co. RIH w/wireline set CIBP. Set CIBP @ 10,750'. Cap w/2 sx cmt.
4. Perforate the following interval w/a 4" csg gun loaded w/3 JSPF, 120 degree phasing.

9357-10,636' 61' 183 holes

Tie into McCullough CBL dated 6-18-72 for depth control.

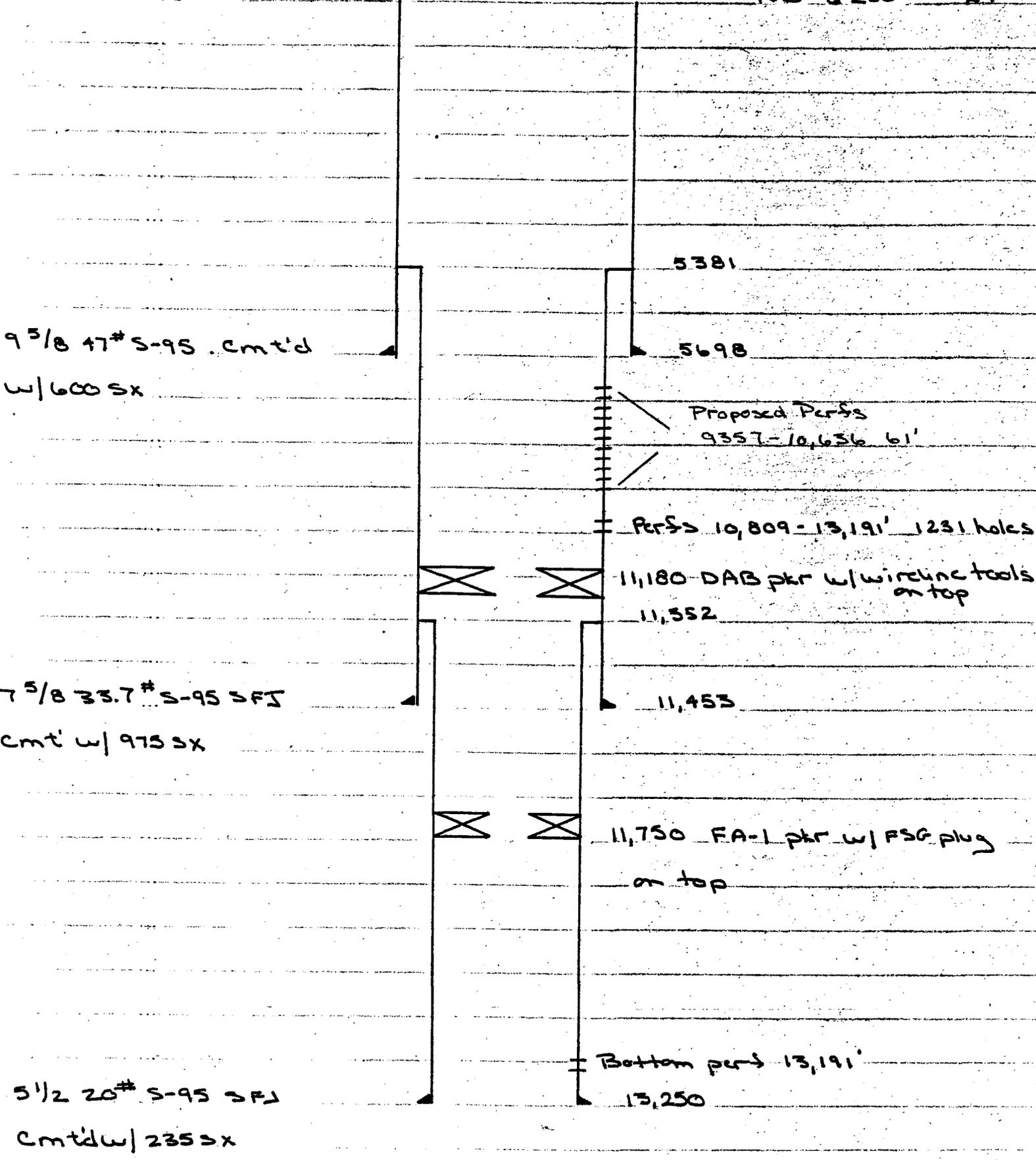
5. RIH w/retr pkr on 2-7/8" tbg. Hydrotest GIH to 8500 psi. Set pkr @ 9200'. PT csg to 1000 psi. Swab test well.
6. MIRU Dowell to acidize interval from 9357-10,636' w/5500 gals 15% HCL per attached treatment schedule. MTP 8500 psi.
7. Swab back load and test.
8. Rlse pkr, POOH. RIH w/prod equipment per design. Return well to production.

Brotherson #1-10B4 Perforation Schedule

NEW PERFORATIONS	
Schlumberger Dual Ind. - Laterolog Run #1 (4/23/72)	McCullough Cement Bond Log Run #1 (6/18/72)
9,357	9,349
9,371	9,362
9,390	9,381
9,406	9,398
9,416	9,408
9,428	9,421
9,443	9,436
9,457	9,450
9,479	9,471
9,544	9,534
9,559	9,549
9,576	9,567
9,605	9,596
9,665	9,657
9,670	9,662
9,700	9,692
9,733	9,727
9,741	9,735
9,757	9,751
9,801	9,794
9,813	9,806
9,825	9,818
9,841	9,834
9,858	9,851
9,882	9,876
9,896	9,891
9,910	9,905
9,922	9,917
9,927	9,922
9,936	9,930
9,944	9,939
9,960	9,955
9,968	9,963

NEW PERFORATIONS	
Schlumberger Dual Ind. - Laterolog Run #1 (4/23/72)	McCullough Cement Bond Log Run #1 (6/18/72)
10,049	10,024
10,070	10,045
10,086	10,061
10,125	10,101
10,136	10,111
10,149	10,124
10,158	10,133
10,211	10,190
10,227	10,206
10,240	10,221
10,267	10,248
10,308	10,290
10,313	10,295
10,328	10,310
10,332	10,314
10,343	10,325
10,356	10,338
10,405	10,388
10,426	10,409
10,444	10,427
10,471	10,455
10,530	10,513
10,538	10,521
10,547	10,530
10,566	10,549
10,603	10,586
10,619	10,602
10,636	10,619

61 Zones



9 5/8 47# S-95 cmt'd
w/ 600 SX

5381

5698

Proposed Perfs
9357-10,636 61'

Perfs 10,809-13,191 1231 holes

11,180 DAB pkr w/ wireline tools
on top
11,552

7 5/8 33.7# S-95 SFJ
cmt' w/ 975 SX

11,453

11,750 FA-1 pkr w/ FSG plug
on top

5 1/2 20# S-95 SFJ
cmt'd w/ 235 SX

Bottom perfs 13,191
13,250

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			
					Footages	Section, Township & Range	Field	County
Evans Ute 2-17B3	43-013-31056	Fee 5326	Ute	96104	1701' FSL & 1474' FWL	NWSW, 17-2S-3W	Altamont	Duchesne
Miles 1-35A4	43-013-30029	Fee 1965	N/A	9618	1980' FNL & 1980' FEL	SWNE, 35-1S-4W	Altamont	Duchesne
Miles 2-35A4	43-013-31087	Fee 1966	N/A	9618	802' FWL & 1530' FSL	NWSW, 35-1S-4W	Altamont	Duchesne
Brotherson 2-11B4	43-013-31078	Fee 541	N/A	9623	944' FSL & 1643' FWL	SESW, 11-2S-4W	Altamont	Duchesne
Brotherson 1-2B4	43-013-30062	Fee 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 16215	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 16400	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 11686	N/A	NW581	850' FNL & 1520' FWL	NENW, 27-1S-3W	Altamont	Duchesne
Ute Smith 1-30B5	43-013-30521	Fee 1950	Ute	UT08014987C696	1890' FSL & 624' FEL	NESE, 30-2S-5W	Altamont	Duchesne
Bleazard 1-18B4	43-013-30059	Patented 1565	N/A	N/A	1923' FNL & 2314' FEL	SWNE, 18-2S-4W	Altamont	Duchesne
Bleazard 2-18B4	43-013-31025	Fee 1566	N/A	N/A	857' FWL & 861' FSL	SWSW, 18-2S-4W	Altamont	Duchesne
Bodero 1-15B3	43-013-30565	Fee 2360	N/A	N/A	1370' FNL & 1679' FWL	SENE, 15-2S-3W	Altamont	Duchesne
Broadhead 2-32B5	43-013-31036	Fee 10216	N/A	N/A	1686' FWL & 1116' FSL	SESW, 32-2S-5W	Altamont	Duchesne
Brotherson 1-10B4	43-013-30110	Patented 1614	N/A	N/A	2037' FNL & 2052' FEL	SWNE, 10-2S-4W	Altamont	Duchesne
Brotherson 1-14B4	43-013-30051	Patented 1535	N/A	N/A	2100' FNL & 750' FEL	SENE, 14-2S-4W	Altamont	Duchesne
Brotherson 1-22B4	43-013-30227	Fee 1780	N/A	N/A	1642' FNL & 1297' FEL	SENE, 22-2S-4W	Altamont	Duchesne
Brotherson 1-23B4R	43-013-30483	Patented 8423	N/A	N/A	747' FNL & 2380' FEL	NWNE, 23-2S-4W	Altamont	Duchesne
Brotherson 1-26B4	43-013-30336	Patented 1856	N/A	N/A	1272' FNL & 1408' FEL	NWNE, 26-2S-4W	Altamont	Duchesne
Brotherson 1-28A4	43-013-30292	Patented 1841	N/A	N/A	751' FNL & 1130' FEL	NENE, 28-1S-4W	Altamont	Duchesne

SUNDRY NOTICES AND REPORTS ON WELLS

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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 _____

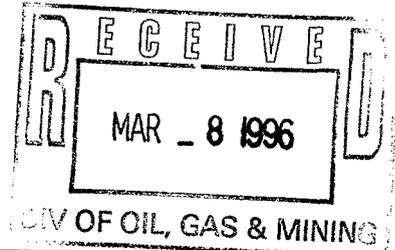
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

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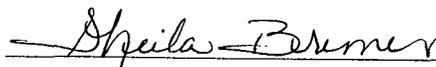
Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
Patented

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
Brotherson #1-10B4

2. Name of Operator:
ANR Production Company

9. API Well Number:
43-013-30110

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: **2037 FNL & 2052' FEL**
QQ, Sec., T., R., M.: **SWNE Section 10-T2S-R4W**

County: **Duchesne**
State: **Utah**

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

NOTICE OF INTENT
(Submit In Duplicate)

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

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Approximate date work will start _____

Date of work completion 12/21/95

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.

JAN 12 1996

13. Name & Signature: Sheila Bremer

Title: Environmental & Safety Analyst Date: 01/10/96

(This space for State use only)

*tax credit
3/26/96.*

CHRONOLOGICAL HISTORY

BROTHERSON #1-10B4 (RECOMPL GR)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 69.839 ANR/COGC AFE: 00958
TD: 13,245' PBD: 13,188'
5½" @ 11,352'-13,245'
PERFS: 10,809'-13,191'
CWC(M\$): 75.2

PAGE 1

- 12/12/95 POH w/2½" tbg.
MIRU. Hot oiler down tbg 40 bbls. LD polish rod. POOH w/rods.
x-over to tbg equip. Install pup jt under tbg hanger. NU BOP.
Rls TAC @ 10,504' & POH to 2950'. CC: \$3505.
- 12/13/95 POOH w/tbg & scraper.
Finish POH w/2½" tbg & BHA. Prepare to install new sand line.
RIH w/6½" bit & 7½" csg scraper to 10,850' (unable to get bit
through wellhead). Rig pump & hot oiler down csg w/300 BW to
clean up. POH to 10,360'. CC: \$6007.
- 12/14/95 Perforate.
POOH w/bit & scraper. ND BOP. CO tbg hd spool. RU WL. set 7½"
CIBP @ 10,750'. Dump 2 sk cmt on top. CC: \$12,798.
- 12/15/95 Finish RIH w/2½" 7 swab.
RU OWP w/full lub & perf.
Run 1: 10,636'-10,211'. 21 ft, 63 holes, FL 7500'. PSI 0.
Run 2: 10,158'-9,813'. 20 ft, 60 holes, FL 7100'. PSI 0.
Run 3: 9801'-9357'. 20 ft, 60 holes, FL 7000'. PSI 0.
RD OWP. RU hydrotest truck. PU 7½" pkr, S.Nipple, RIH w/2½" tbg.
hyd testing to 8500#. Pkr started stacking out & pulling over.
Rig pump down csg 100 bbls. Pkr able to travel. CC: \$25,859.
- 12/16/95 Swab.
Finish RIH w/2½" tbg. Pump down csg 100 bbls, unable to get pkr
to set @ 9207'. LD 2 jt 2½", set pkr @ 9120' w/294 jts in well.
Fill csg w/120 bbls pres test to 1000#, held. RU swab. IFL @
2000', made 16 swab runs, rec 78 BO, 50 BW, FFL 7800'. CC:
\$30,640.
- 12/17/95 Finish POOH w/tbg & pkr.
RU swab, unable to get down because of parafin. Hot oiler pmpd 10
BW. RIH w/swab. 1st run, FL @ surf. Made 15 swab runs. FFL @
6800'. Rec 95 BF, 36 BO, 59 BW. RD swab. PU on tbg, unset pkr @
9120', let equalize. Flush tbg w/hot liler 60 bbls. POOH w/2½".
CC: \$33,921.
- 12/18/95 PU rods RIH.
Finish POOH w/workstring. RIH w/TAC & BHA. set TAC @ 10,681'.
Land tbg, ND BOP. CC: \$38,727.
- 12/19/95 Final.
Hot Oiler down tbg w/60 bbls, prep rods to run. RIH w/1½" pump.
Seat pump @ 10,668'. Fill tbg w/25 bbls test to 800#, held. Turn
to production. Pmpd 97 BO, 117 BW, 35 MCF, 10.5 SPM, 16 hrs. CC:
\$64,587.
- 12/20/95 Pmpd 127 BO, 106 BW, 49 MCF, 10.2 SPM.
- 12/21/95 Pmpd 133 BO, 199 BW, 48 MCF, 10.2 SPM.
Prior Prod: 0 BO, 0 BW, 0 MCF, (SI - uneconomical).
Final Report.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *GH*

1-LEC-7-53
2-DTS 8-FILE
3-VLD
4-ROY
5-LEC
6-FILM ✓

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

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator)	<u>COASTAL OIL & GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
	<u>phone (303) 572-1121</u>		<u>phone (303) 572-1121</u>
	<u>account no. N 0230 (B)</u>		<u>account no. N0675</u>

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

Name: **SEE ATTACHED**	API: <u>013-30110</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/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- See* 6. Cardex file has been updated for each well listed above.
- See* 7. Well file labels have been updated for each well listed above.
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- See* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated 19 . *(Same Bond as Coastal)*

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.
- WE71134-35 *961107 Lemicy 2-5B2/43-013-30784 under review at this time; no dg. yet!

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:

9. API NUMBER:

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

10. FIELD AND POOL, OR WILDCAT:

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078
PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

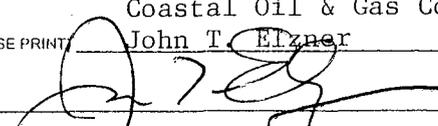
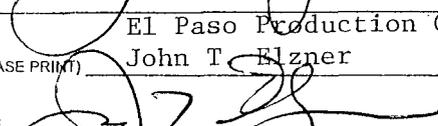
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
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:

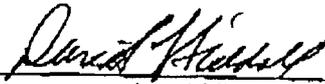
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
EVANS 2-19B3 (CA 96-78)	43-013-31113	1777	19-02S-03W	FEE	OW	P
HANSON 1-2B3	43-013-30629	2390	24-02S-03W	FEE	OW	P
BROTHERSON 1-2B4 (CA 96-35)	43-013-30062	1570	02-02S-04W	FEE	OW	P
BROTHERSON 2-2B4 (CA 96-35)	43-013-30855	8420	02-02S-04W	FEE	OW	P
BROTHERSON 2-3B4	43-013-31008	10165	03-02S-04W	FEE	OW	P
OMAN 2-4B4	43-013-30645	9125	04-02S-04W	FEE	OW	P
CHRISTENSEN 3-4B4	43-013-31142	10481	04-02S-04W	FEE	OW	S
CHANDLER 1-5B4 (CA NW-580)	43-013-30140	1685	05-02S-04W	FEE	OW	P
CHANDLER 2-5B4 (CA NW-580)	43-013-31000	10075	05-02S-04W	FEE	OW	P
CROOK 1-6B4	43-013-30213	1825	06-02S-04W	FEE	OW	S
POTTER 2-6B4	43-013-31249	11038	06-02S-04W	FEE	OW	P
FARNSWORTH 1-7B4	43-013-30097	1600	07-02S-04W	FEE	OW	S
FARNSWORTH 2-7B4	43-013-30470	1935	07-02S-04W	FEE	OW	P
ELLSWORTH 1-8B4	43-013-30112	1655	08-02S-04W	FEE	OW	P
ELLSWORTH 2-8B4	43-013-30898	2418	08-02S-04W	FEE	OW	P
ELLSWORTH 1-9B4 (CA 96-45)	43-013-30118	1660	09-02S-04W	FEE	OW	P
ELLSWORTH 2-9B4 (CA 96-45)	43-013-31138	10460	09-02S-04W	FEE	OW	S
BROTHERSON 1-10B4	43-013-30110	1614	10-02S-04W	FEE	OW	P
BROTHERSON 2-10B4	43-013-30443	1615	10-02S-04W	FEE	OW	P
BROTHERSON 2-11B4	43-013-31078	1541	11-02S-04W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/03/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/03/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/03/2001

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 filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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) <u>CHERYL CAMERON</u>	TITLE <u>AUTHORIZED REGULATORY AGENT</u>
SIGNATURE <i>Cheryl Cameron</i>	DATE <u>6/20/2006</u>

(This space for State use only)

APPROVED 7/19/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037' FNL, 2052' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 10 T2S R4W		8. WELL NAME and NUMBER: Brotherson 1-10B4
PHONE NUMBER: (303) 291-6475		9. API NUMBER: 4301330110
COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Altamont
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Surface Meter</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Commingle</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The referenced well is commingled at surface meter with the Brotherson 2-10B4 API# 43-013-30443

NAME (PLEASE PRINT) <u>Rachael Overbey</u>	TITLE <u>Engineering Tech</u>
SIGNATURE	DATE <u>7/16/2008</u>

(This space for State use only)

RECEIVED
AUG 05 2008

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: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: El Paso E & P Company, LP		8. WELL NAME and NUMBER: BROTHERSON 1-10B4
3. ADDRESS OF OPERATOR: 1099 18th St Ste 1900 CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>	PHONE NUMBER: (303) 291-6417	9. API NUMBER: 4301330110	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037' FNL, 2052' FEL		10. FIELD AND POOL, OR WILDCAT: ALTAMONT	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 10 2S 4W		COUNTY: Duchesne	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/29/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>commingle/measure</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL AND 2-10B4 (4301330443) UTILIZE SEPARATE TREATERS WITH THEIR OWN ORIFICE METER GAS CHARTS AND THEN SHARE THE SAME GAS SALES METER. THE ORIFICE METER GAS CHARTS AT EACH TREATER ARE FOR ALLOCATION PURPOSES ONLY. OIL & WATER PRODUCTION VOLUMES ARE TAKEN FROM OIL AND WATER METERS WITHIN THE TREATER. THE SUBJECT WELL IS CURRENTLY TEMPORARILY ABANDONED.

COPY SENT TO OPERATOR
Date: 12.3.2009
Initials: KS

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>SR REGULATORY ANALYST</u>
SIGNATURE <u><i>Marie Okeefe</i></u>	DATE <u>10/29/2009</u>

(This space for State use only)

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

DATE: 11/30/09
BY: *[Signature]* (See Instructions on Reverse Side)

(5/2000)

**RECEIVED
NOV 09 2009
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: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: BROTHERSON 1-10B4	
2. NAME OF OPERATOR: El Paso E & P Company, LP		9. API NUMBER: 4301330110
3. ADDRESS OF OPERATOR: 1099 18th St Ste 1900 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 291-6417	10. FIELD AND POOL, OR WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037' FNL, 2052' FEL		COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 10 2S 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
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<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/29/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>commingle/measure</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL AND 2-10B4 (4301330443) UTILIZE SEPARATE TREATERS WITH THEIR OWN ORIFICE METER GAS CHARTS AND THEN SHARE THE SAME GAS SALES METER. THE ORIFICE METER GAS CHARTS AT EACH TREATER ARE FOR ALLOCATION PURPOSES ONLY. OIL & WATER PRODUCTION VOLUMES ARE TAKEN FROM OIL AND WATER METERS WITHIN THE TREATER. THE SUBJECT WELL IS CURRENTLY TEMPORARILY ABANDONED.

COPY SENT TO OPERATOR
Date: 12.3.2009
Initials: KS

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>SR REGULATORY ANALYST</u>
SIGNATURE <u><i>Marie Okeefe</i></u>	DATE <u>10/29/2009</u>

(This space for State use only)

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

DATE: 11/30/09 (See Instructions on Reverse Side)

BY: *D. Stiller*

RECEIVED
NOV 09 2009
DIV. OF OIL, GAS & MINING

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

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

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 Name/Operator
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

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


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


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

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medina

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

El Paso E2 Company, L.P. (N3065) to EP Energy E2 Company, L.P. (N3850) effective 6/1/2012

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

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

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

El Paso E4 Company, L.P. (N3065) to EP Energy E4 Company, L.P. (N3850) effective 6/1/2012

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

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

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

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

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

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

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

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

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BROTHERSON 1-10B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301100000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FNL 2052 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE STATE: UTAH

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

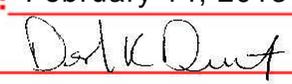
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/30/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attachment for procedure

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: February 14, 2013

By: 

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/29/2013	



Brotherson 1-10B4
Mechanical Integrity Test

API #: 43-013-30110
Sec. 10, T2S – R4W
Latitude = 40° 19' 25.8234" Longitude = -110° 19' 10.668"
Altamont Field
Duchesne County, Utah

Procedure

1. MIRU workover rig. RU Hot Oil Unit and pump hot water (or KCL) down backside to heat up tubing. Unseat pump and flush tubing & rods with hot water. POOH w/rods & pump.
2. Send pump in for inspection & rebuild. ND tree and NU and test BOP's to 5,000# for 10 minutes. Have test recorded and charted to be signed and dated by well site supervisor. Record BOP serial number.
3. Release tubing anchor at ~10,681" and POOH scanning tubing for wear. Lay out all bad joints.
4. PU 6-1/2" RB, 7-5/8" 33.7# casing scraper, 2 x 3 1/2" drill collars on 2 7/8" tubing. Hydro test tubing to 7,000# while RIH. Work down to ~9,350' and attempt to establish circ with KCL, circ until returns clean. POOH. If perforations take fluid on way in, mix a 10 bbl HEC pill and circulate around or spot as needed. Keep wellbore full.
5. Notify UDOGM rep of upcoming MIT and request MIT form. (see attached contact info)
6. PU 7-5/8" 33.7# Retrievable Packer (Arrowset or Baker Model "R") on 2 7/8" tubing. RIH to **±9,300** and set packer. Test backside to 1,000# for 30 mins. Have test recorded and charted and signed and dated by well site supervisor.
7. If casing fails MIT, begin isolation testing to identify leak(s) documenting pressures and injection rates.
8. Report results to Houston to discuss plans going forward
9. POOH w/ packer. LD 2 7/8" tubing, leaving 2,000' in the derrick.
10. PU 2 7/8" "X" profile seating nipple on 2,000' of 2 7/8" tubing. Hang off.
11. ND BOPs and NU tree. Secure well.
12. RD&MO service rig. Clean location.

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: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BROTHERTON 1-10B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301100000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FNL 2052 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/13/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="set CIBP"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Original Sundry No. 34197 approved 2/14/13. At this time submit revision to also include setting CIBP. Please see attached new procedure and schematic.

Approved by the Utah Division of Oil, Gas and Mining

Date: March 12, 2013

By: *D. K. Duff*

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/12/2013	

Brotherson 1-10B4
Mechanical Integrity Test (MIT)
Altamont / Blue Bell Field
Duchesne Co., Utah
API #: 43-013-30110

Summary Prog

- POOH w/rods, pump, tubing & tubing anchor.
- Clean out wellbore w/ bit and scraper to 9,350'.
- RIH w/ 7-5/8" CIBP & set @ 9,300'. Dump bail 5' cmt on top.
- Fill casing w/ inhibited field salt water.
- Notify UDOGM rep of upcoming MIT and obtain MIT form.
- Test casing to 1,000 psi for 30 mins. Have test recorded and charted and signed and dated by well site supervisor.
- RDMO WO rig. Clean location



Brotherson 1-10B4

Altamont Field, Duchesne County, Utah

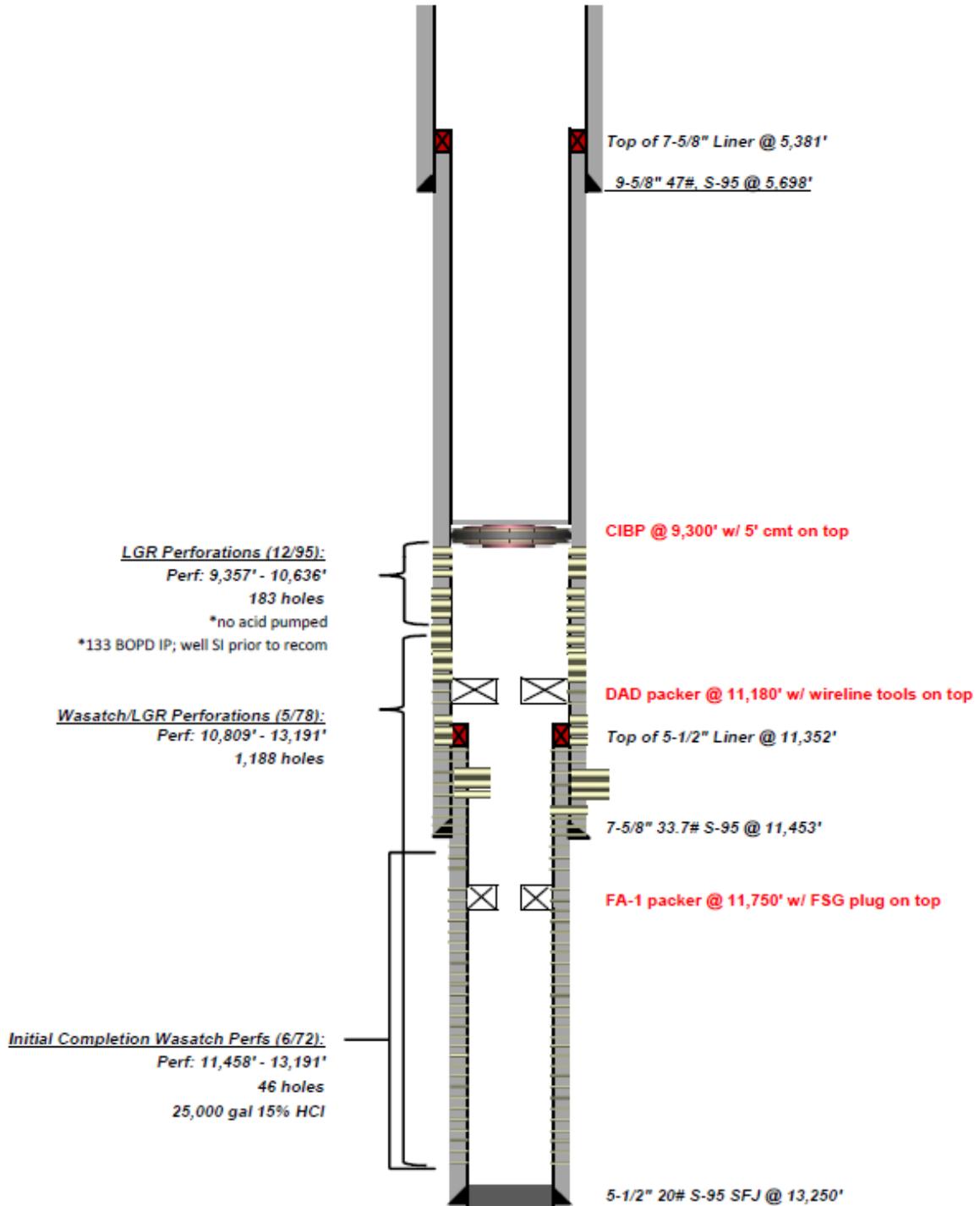
Latitude = 40° 19' 25.8234" Longitude = -110° 19' 10.668"

API #: 43-013-30110

Spud: March 1972

Sec. 10-T2S-R4W

Proposed MIT



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BROTHERSON 1-10B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301100000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FNL 2052 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/19/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP needs to change previously approved Sundry Notice for MIT test to include the following changes: 1) Set CIBP @ 10800' and circulate around 200' of cement with 50' on top 2) Set CIBP @ 9300' and dump 5' of cement on top. Please see attached for details.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: June 20, 2013

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 6/19/2013	

Brotherson 1-10B4
Mechanical Integrity Test (MIT)
Altamont / Blue Bell Field
Duchesne Co., Utah
API #: 43-013-30110

Summary Prog

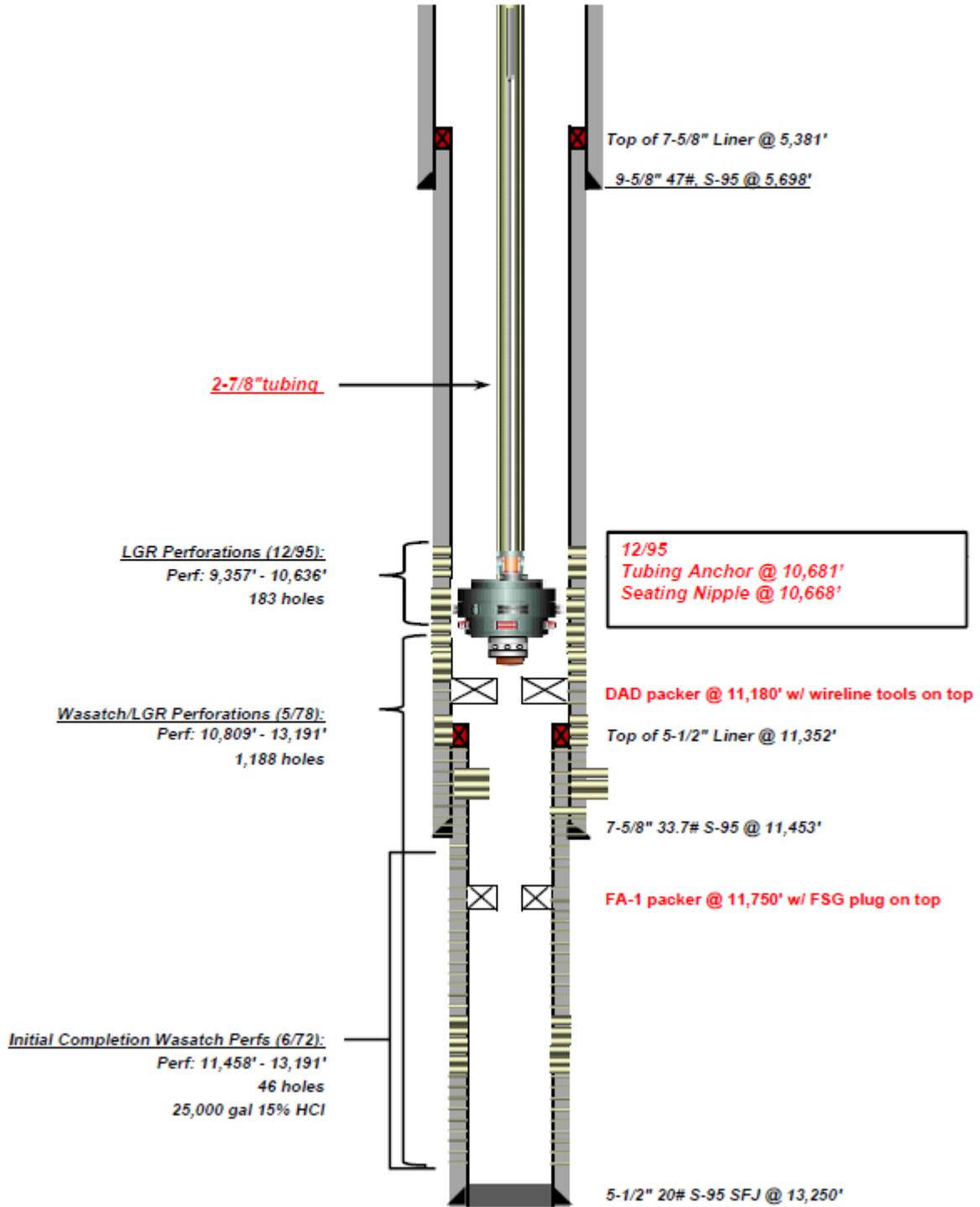
- POOH w/rods, pump, tubing & tubing anchor.
- RIH w/ 7-5/8" CIBP (or CICR) & set @ 10,800'. Circulate around 200' cmt (50sx) on top.
- Tag plug and have it witnessed by UDOGM.
- RIH w/ 7-5/8" CIBP (or CICR) & set @ 9,300'. Dump bail 5' cmt on top.
- Fill casing w/ inhibited field salt water.
- Notify UDOGM rep of upcoming MIT and obtain MIT form.
- Test casing to 1,000 psi for 30 mins. Have test recorded and charted and signed and dated by well site supervisor.
- RDMO WO rig. Clean location



Brotherson 1-10B4

Altamont Field, Duchesne County, Utah
Latitude = 40° 19' 25.8234" Longitude = -110° 19' 10.668"
API #: 43-013-30110
Spud: March 1972
Sec. 10-T2S-R4W

Pumping Schematic as of January 28, 2013





Brotherson 1-10B4

Altamont Field, Duchesne County, Utah

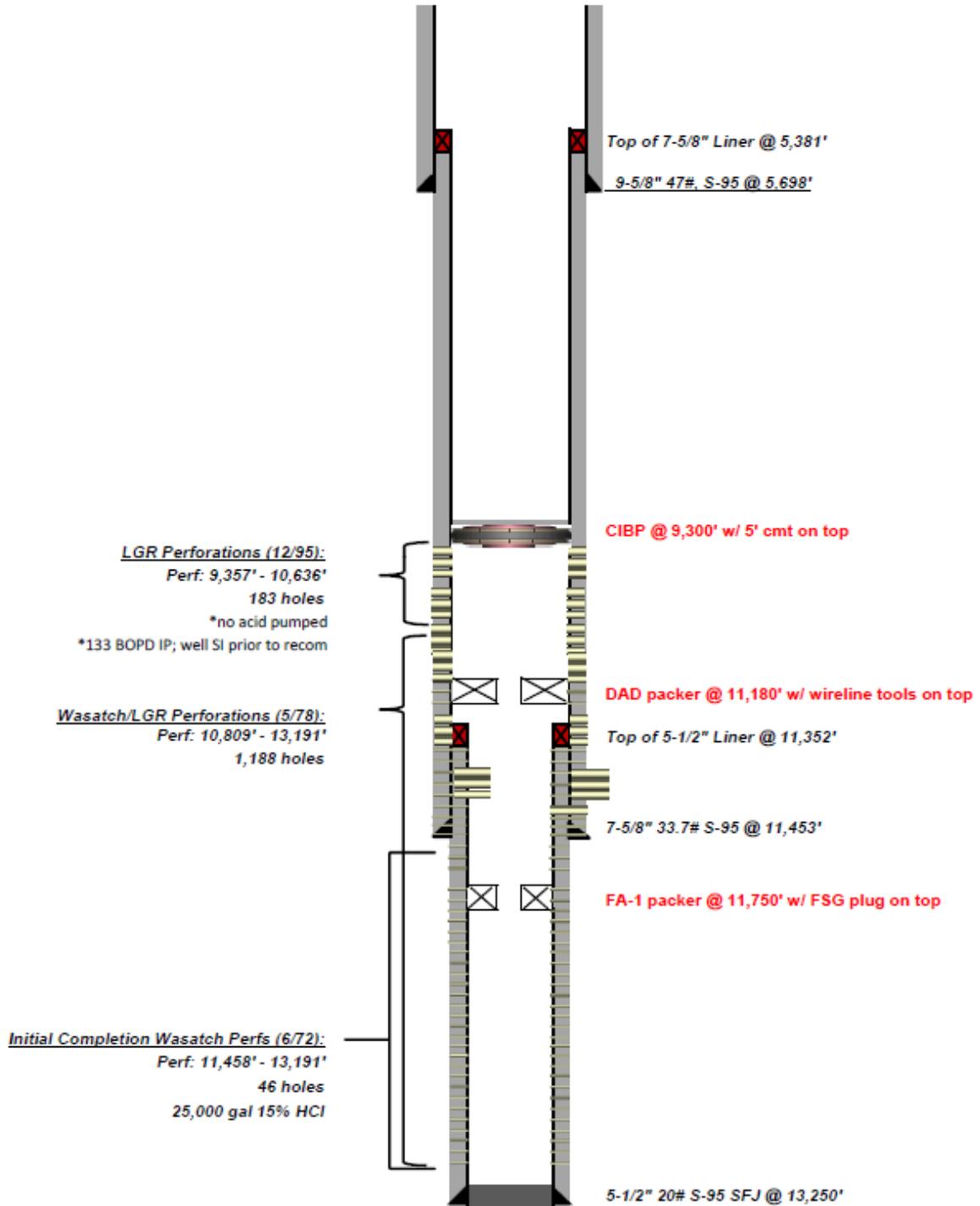
Latitude = 40° 19' 25.8234" Longitude = -110° 19' 10.668"

API #: 43-013-30110

Spud: March 1972

Sec. 10-T2S-R4W

Proposed MIT



INJECTION WELL - PRESSURE TEST

Well Name: <u>Brotherton 1-10B4</u>	API Number: <u>43-013-30110</u>
Qtr/Qtr: <u>SU/NE</u> Section: <u>10</u>	Township: <u>25</u> Range: <u>4W</u>
Company Name: <u>ED ENERGY</u>	
Lease: State <u>D</u> Fee <u>T</u>	Federal _____ Indian _____
Inspector: <u>Dennis King</u>	Date: <u>6-28-13</u>

Initial Conditions:

Tubing - Rate: Ø Pressure: Ø No TUBING psi
 Casing/Tubing Annulus - Pressure: 1020 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	<u>X</u>
5		
10		
15		
20		
25		
30	<u>1000</u>	

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: X psi
 Casing/Tubing Annulus Pressure: 1000 psi

COMMENTS: Tested 45 minutes, dropped 20 PSI or
first 10 minutes then leveled off

Stuart N. Mortensen 6-28-13
 Operator Representative



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1627

43 013 30110
Brotherson 1-10B4
10 25 4W

Ms. Maria Gomez
EP Energy E&P Company, LP.
1001 Louisiana
Houston, TX 77002

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Gomez:

As of April 2014, EP Energy E&P Company, LP (EP) has twenty-seven (27) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Two (2) wells in 2013 and four (4) wells in 2014 were added to EP's SI/TA list.

The Division has worked with EP for many years to reduce the immense number of wells that were in non-compliance status. The Division feels that EP's SI/TA list is now at a manageable number; therefore all wells need to be addressed.

EP has a number of wells that were proposed for plugging (attachment A) but have not been plugged. Additionally, four (4) wells were inspected and reported as plugged by Division inspectors, but EP has failed to file subsequent plugging sundries and consequently are still listed as SI/TA (attachment A).

It has also come to the Division's attention that there are unresolved complaints against EP from landowners concerning spills and site access. Specifically with reference to the Christensen 3-4B4, pictures showing the state of the well were sent to the Division; it appears that this well is nowhere near being capable of production. This is cause for concern which needs to be addressed.

EP shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

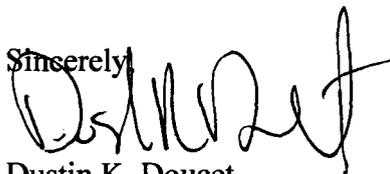
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Proposed PA	Plugged
1	CEDAR RIM 2	43-013-30019	FEE	12 years 7 months	Needs subsequent	7/17/2013
2	CHRISTENSEN 3-4B4	43-013-31142	FEE	10 years 4 month	5/10/2010	
3	DRY GULCH 1-36A1	43-047-30569	FEE	22 years 1 moth		
4	LARSEN 1-25A1	43-047-30552	FEE	10 years 11 months		
5	FARSWORTH 2-12B5	43-013-31115	FEE	10 years 5 months	5/18/2007	
→ 6	BROTHERSON 1-10B4	43-013-30110	FEE	9 years 11 months		
7	BROTHERSON 1-24B4	43-013-30229	FEE	8 years 11 months		
8	BROTHERSON 1-33A4	43-013-30272	FEE	7 years 1 month		
9	MILES 2-35A4	43-013-31087	FEE	6 years 11 months	12/31/2012	
10	SMB 1-10A2	43-013-30012	FEE	4 years 8 months		
11	RUST 1-4B3	43-013-30063	FEE	4 years 7 months	Needs subsequent	9/19/2013
12	SMITH ALBERT 2-8C5	43-013-30543	FEE	4 years 9 months	Needs subsequent	12/4/2013
13	VODA JOSEPHINE 2-19C5	43-013-30553	FEE	4 years 9 months		
14	BROWN 2-28B5	43-013-30718	FEE	4 years 3 months		
15	HANSUKUTT 2-23B5	43-013-30917	FEE	4 years 8 months	Needs subsequent	10/24/2013
16	BROTHERSON 3-23B4	43-013-31289	FEE	4 years 9 months		
17	BROTHERSON 1-14B4	43-013-30051	FEE	3 years 11 months		
18	BROTHERSON 2-3B4	43-013-31008	FEE	3 years 6 months		
19	POWELL 2-33A3	43-013-30704	FEE	3 years 1 month	6/1/2014	
20	BROTHERSON 2-3B4	43-013-31008	FEE	3 years 3 months		
21	DASTRUP 2-30A3	43-013-31320	FEE	3 years 8 months		
22	R HOUSTON 1-22Z1	43-013-30884	FEE	2 years 3 months		
23	HORROCKS 5-20A1	43-013-34280	FEE	4 years 7 months		
24	BELCHER 2-33B4	43-013-30907	FEE	1 year 2 months		
25	CEDAR RIM 2A	43-013-31172	FEE	2 years 2 months		
26	EULA-UTE 1-16A1	43-013-30782	FEE	1 year 11 months		
27	HANSEN 1-16B3	43-013-30617	FEE	1 year 8 months		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BROTHERSON 1-10B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301100000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FNL 2052 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/8/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well is a SWD Conversion.

REQUEST DENIED
Utah Division of
Oil, Gas and Mining

Date: January 07, 2015

By: *Derek Quist*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 10/8/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013301100000

Insufficient information provided for approval of extended SI/TA.



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 21, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5275 9918

43 013 30110
Brotherson 1-10B4
10 2S 4W

Ms. Linda Renken
EP Energy
1001 Louisiana Street, Suite 2628D
Houston, TX 77002

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Renken:

As of January 2016, EP Energy has thirty-six (36) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The first eight wells listed on attachment A have been previously noticed and will most likely be addressed further in a later correspondence.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

Page 2
EP Energy
March 21, 2016

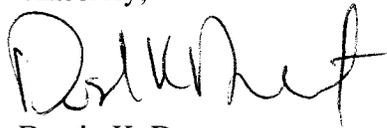
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/DD/js
Enclosure

cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
→ 1	Farnsworth 2-12B5	43-013-31115	Fee	12 year(s) 4 month(s)
2	Brotherson 1-10B4	43-013-30110	Fee	11 year(s) 10 month(s)
3	Miles 2-35A4	43-013-31087	Fee	8 year(s) 10 month(s)
4	Fly/Dia L Boren 1-14A2	43-013-30035	Fee	6 year(s) 11 month(s)
5	Brotherson 2-3B4	43-013-31008	Fee	5 year(s) 5 month(s)
6	R Houston 1-22Z1	43-013-30884	Fee	4 year(s) 2 month(s)
7	Horrocks 5-20A1	43-013-34280	Fee	6 year(s) 6 month(s)
8	Eula-Ute 1-16A1	43-013-30782	Fee	3 year(s) 10 month(s)
9	ASAY E J 1-20A1	43-013-30102	Fee	2 year(s) 6 month(s)
10	ELLSWORTH 1-17B4	43-013-30126	Fee	2 year(s) 5 month(s)
11	ELLSWORTH 1-19B4	43-013-30183	Fee	2 year(s) 2 month(s)
12	ELLSWORTH 2-8B4	43-013-30898	Fee	2 year(s) 2 month(s)
13	BROADHEAD 2-32B5	43-013-31036	Fee	2 year(s) 4 month(s)
14	ELLSWORTH 2-17B4	43-013-31089	Fee	2 year(s) 6 month(s)
15	HUNT 2-21B4	43-013-31114	Fee	2 year(s) 2 month(s)
16	CEDAR RIM 8-A	43-013-31171	Fee	2 year(s) 4 month(s)
17	MILES 2-3B3	43-013-31261	Fee	2 year(s) 4 month(s)
18	MATTHEWS 2-13B2	43-013-31357	Fee	12 year(s) 4 month(s)
19	HORROCKS 2-5B1E	43-047-32409	Fee	2 year(s) 9 month(s)
20	FARNSWORTH 1-12B5	43-013-30124	Fee	1 year(s) 11 month(s)
21	ELDER 1-13B2	43-013-30366	Fee	1 year(s) 8 month(s)
22	YOUNG 2-30B4	43-013-31366	Fee	1 year(s) 7 month(s)
23	POTTER 1-24B5	43-013-30356	Fee	1 year(s) 5 month(s)
24	PETERSON 4-22C6	43-013-51163	Fee	1 year(s) 5 month(s)
25	FARNSWORTH 1-13B5	43-013-30092	Fee	2 year(s) 0 month(s)
26	BROTHERSON 2-35B5	43-013-30908	Fee	2 year(s) 0 month(s)
27	WRIGHT 2-13B5	43-013-31267	Fee	2 year(s) 0 month(s)
28	CHANDLER 1-5B4	43-013-30140	Fee	1 year(s) 3 month(s)
29	ROBB 2-29B5	43-013-31130	Fee	1 year(s) 2 month(s)
30	YOUNG 3-36A1	43-047-54734	Fee	1 year(s) 2 month(s)
31	ERCANBRACK 3-14B1	43-047-54203	Fee	2 year(s) 2 month(s)
32	OSTLER 7-20C4	43-013-53137	Fee	1 year(s) 2 month(s)
33	MYRIN LIVESTOCK 3-20B3	43-013-53133	Fee	1 year(s) 3 month(s)
34	HILL 4-28A1	43-013-53111	Fee	1 year(s) 2 month(s)
35	BULLOCK 4-17C4	43-013-52900	Fee	1 year(s) 3 month(s)
36	LINDSAY TRUST 4-18B4	43-013-52766	Fee	1 year(s) 5 month(s)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	8. WELL NAME and NUMBER: BROTHERSON 1-10B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2037 FNL 2052 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 10 Township: 02.0S Range: 04.0W Meridian: U	9. API NUMBER: 43013301100000
5. PHONE NUMBER: 713 997-5138 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/1/2017	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Passing MIT Attached"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The Brotherson 1-10B4 is shut in due to poor production. The well is an SWD candidate, but needs a new facility. Due to the current price environment, we are requesting that we get an extension on our TA status. The well passed an MIT on June 14, 2016. The SWD conversion is tentatively scheduled for 2017.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: October 25, 2016
 By: *Derek Quist*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Linda Renken	PHONE NUMBER 713 997-5138	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 9/9/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013301100000

Extension valid through 7/1/2017.

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>Brotherson 1-10B4</u>	API Number: <u>43-013-30110</u>
Qtr/Qtr: <u>SW/NE</u> Section: <u>10</u>	Township: <u>2S</u> Range: <u>4W</u>
Company Name: <u>EP ENERGY</u>	
Lease: State <u>Utah</u> Fee <input checked="" type="checkbox"/>	Federal <input type="checkbox"/> Indian <input type="checkbox"/>
Inspector: <u>[Signature]</u>	Date: <u>6-14-16</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 0 psi
 Casing/Tubing Annulus - Pressure: 20 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1080</u>	_____
5	_____	_____
10	_____	_____
15	_____	_____
20	_____	_____
25	_____	_____
30	<u>1080</u>	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: N/A psi
 Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: No Tubing Bridge plug @ 9300' record on
BPMA chart. Bleed off casing CIBP @ 9300'

[Signature]
 Operator Representative