

Route C-3(c) - 1-17-72

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

PJC
1-17-72

COMPLETION DATA:

Date Well Completed *9.26.72*
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

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

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

Ute Indian Tribe

7. Unit Agreement Name

8. Farm or Lease Name

Broadhead

9. Well No.

1-21B6

10. Field and Pool, or Wildcat

No. Uinta Basin (WC)

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

NW/4 NE/4 Section 21-
T 2S-R 6W

12. County or Parrish 13. State

Duchesne Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator Shell Oil Company

Phillips Petroleum Co. and Mountain Fuel

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

540' FNL and 2610' FEL Sec 21

At proposed prod. zone

NO OTHER

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

15 miles NW of Duchesne

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

300'

16. No. of acres in lease

150

17. No. of acres assigned to this well

640

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

No other wells on lease

19. Proposed depth

13,000'

20. Rotary or cable tools

Rotary

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

6132 GL (Ungraded)

22. Approx. date work will start*

2-1-72

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.

2 cc: U. S. Geological Survey - Salt Lake City
w/attachments

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed [Signature] For: J. C. Howell
Title: Division Operations Engr. Date: January 14, 1972

(This space for Federal or State office use)

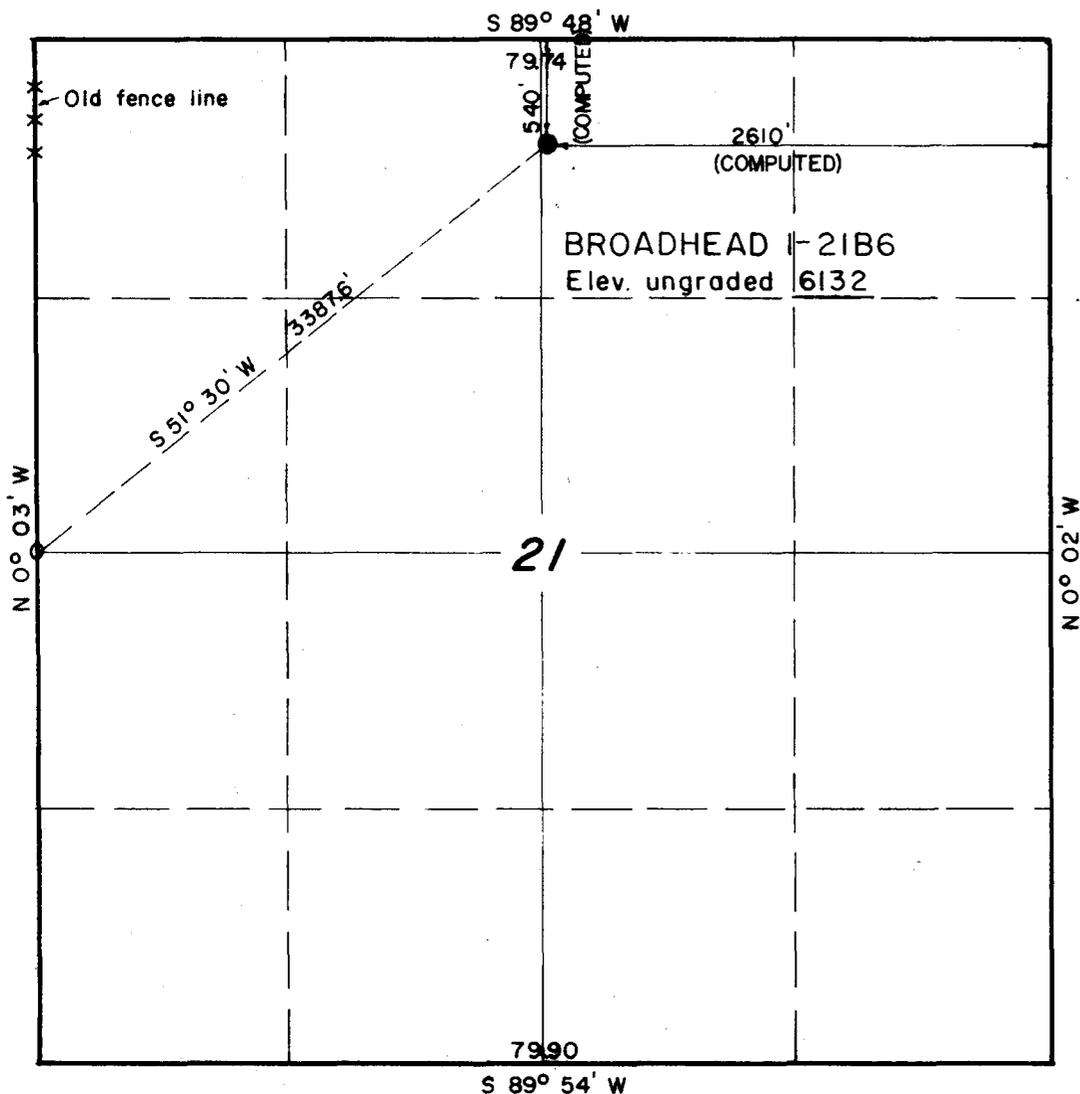
Permit No. 43-013-30100 Approval Date

Approved by..... Title..... Date.....
Conditions of approval, if any:

T2S, R6W, U.S.B.&M.

PROJECT
SHELL OIL COMPANY

Well location located as shown
in the NW 1/4 NE 1/4 Section 21,
T2S, R6W, 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

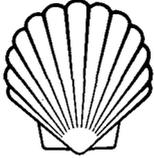
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

REVISED 1 DEC., 1971

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

SCALE 1" = 1000'	DATE 16 Nov., 1971
PARTY G.S. R.M.	REFERENCES GLO Plat
WEATHER Cold	FILE SHELL OIL CO.

O = Section Corner (Re-set From Bearing Trees)



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

January 13, 1972

Subject: Shell-Mountain Fuel-
Phillips-Broadhead
Unit 1-21B6, Section 26
T2S-R6W, Duchesne County,
Utah

State of Utah
Department of Natural Resources
Division of Oil and 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 the subject well specifies a location which does not conform to the State-wide spacing rules. This location was originally examined in an effort to meet agreements among the partners and at the same time avoid conflict with a surface rights owner who held seventy acres in N $\frac{1}{2}$, NE $\frac{1}{4}$, Section 21. Detailed investigation of the site has shown that it is also the location in the N $\frac{1}{2}$, N $\frac{1}{2}$, Section 21 which will require least disruption of valuable farm land and the least amount of earthmoving to contend with ground water problems. All locations within S $\frac{3}{4}$, Section 21 are considered impractical because of the tremendous earthmoving and road construction effort which would be required to ascend a 1200-foot ridge.

Shell Oil Company holds all oil and gas leases within 660 feet of the proposed location, and all such leases within Sections 16 and 21, T2S, R6W are held by the partners to the unit agreement for this well.

Shell Oil Company respectfully requests approval for this exception location for topographic reasons under the provisions of Rule C-3 (c) of the State Rules and Regulations.

Yours very truly,

G. G. Carnahan
Division Engineering Manager
Rocky Mountain Division

ABN:ch

Attachments

January 17, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Shell-Phillips-Mountain
Fuel-Broadhead #1-21B6
Sec. 21, T. 2 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

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

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

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

The API number assigned to this well is 43-013-30100.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

April 24, 1972

Mr. Cleon B. Feight
Director, Oil & Gas Conservation Board
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

We have prepared an oil spill contingency plan for the Shell-Et Al-Broadhead 1-21B6 Well in our Altamont Field and a copy is attached for your files.

Should you have comments or questions, please contact me at (303) 572-2341.

Very truly yours,



J. A. Stanzione
Safety & Environmental Affairs Manager
Rocky Mountain Division

Attachment

*filed
w/ackw plan*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Handwritten initials and number 2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Broadhead

9. WELL NO.

1-21B6

10. FIELD AND POOL, OR WILDCAT

Altamont

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

NW/4 NE/4 Section 21-
T 2S-R 6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

2. NAME OF OPERATOR Shell Oil Company (Rocky Mtn Div Production)

Phillips Pet. Co. & Mountain Fuel

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 540' FNL and 2610' FEL Sec 21

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-30100

DATE ISSUED

1-20-72

15. DATE SPUDDED

3-4-72

16. DATE T.D. REACHED

8-16-72

17. DATE COMPL. (Ready to prod.)

9-26-72

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6120 GL, 6142 KB

19. ELEV. CASINGHEAD

23'

20. TOTAL DEPTH, MD & TVD

13,825

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

13,800

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

Total

CABLE TOOLS

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

Wasatch, Flagstaff & No. Horn Transition
perfs 11,108-13,752

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, BHCS-GR w/cal, GNL-FDC-GR

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD (Includes cmtg of 1")	AMOUNT PULLED
13 3/8"	68#	217'	17 1/2"	1450 SX	0
9 5/8"	36#	4005'	12 1/4"	550 SX	0
7"	26#	11,087'	8 3/4"	350 SX	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	10,881	13,824	350	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

As per attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION 9-26-72 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-22-72	24	20/64"	→	501	402	69	802

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
400	1250	→	501	402	69	45.2° API

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

Used on rig, heater, treaters and remainder flared

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Well Log and History, Csg & Gmtg Details

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 Dec. 12, 1972

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

NEW OIL WELL

ALTAMONT

SHELL OIL COMPANY-PHILLIPS-
MTN FUELLEASE BROADHEAD
DIVISION ROCKY MOUNTAIN
COUNTY DUCHESNEWELL NO. 1-21B6
ELEV 6142 KB
STATE UTAH

FROM: 3-6 - 10-23-72

NOV 03 1972

UTAHALTAMONTShell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Tes

"FR" 79/75/2/79.

Located 540' FNL and 2610' FEL, Section 21-T2S-R6W,
Duchesne County, Utah

Elev: 6132 GL (ungraded)

13,000' Wasatch Test

Shell Working Interest - 62.5%

Drilling Contractor - Loffland Drilling Co.

This is a wildcat to define the limits of the
Altamont Field. It is approx four miles west
of the 1-18B5.3-4: Finished RU. RU power swivel and mixed mud.

Started drlg rathole.

3-5: WOC. Finished drlg rat hole. Spudded 6:30 PM

3/4/72. While drlg, cmt washed out around cond pipe.

Recmt'd w/100 sx Class "G" containing 3% CaCl₂. CIP

4:30 PM 3/5/72. Nippling up flowline.

Mud: (gradient .447) x 45.

3-6: Drlg on boulders @ 68-79'.

Drl'd firm cmt from 29-35' (cond @ 32'). Built mud volume.

Mud (gradient .468) x 9 x 38. MAR 6 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test120/75/3/41. Drilling w/partial returns. Dev: 1/4° @
69', 1/2° @ 100'. Checked bit and changed same. Building
mud volume. Worked to btm - 9' fill (boulders).
Mud: 9.0 x 60 MAR 7 1972Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test166/75/4/46. Drilling. Dev: 1/4° @ 130'. Drlg on
boulders, losing complete returns. Mixed gel and LCM.
Washed to btm.
Mud: (gradient .468) 9 x 92 (18% LCM) MAR 8 1972Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test170/75/5/4. Fishing. Dev: 3/4° @ 160'. Twisted off
at 56' 13' down on jt of 5" DP. Ran 8-5/8" overshot
w/15" guide and mill control. Rec'd 1 pc DP 1.65'
long - badly split and cracked. Ran 11-3/4" overshot
w/mill control. Rec'd 2.50' pc DP and some smaller
pieces. Had to use crooked jt to get over fish. Top
now @ 60'
Mud: (gradient .468) 9.0 x 100 (10% LCM) MAR 9 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test

204/75/6/34. Drilling. Ran skirted mill w/4" ID down 3' to good top. Made up overshot and latched onto fish, pulling same free. Changed bit and loaded out fishing tools. Unplugged DC's of LCM and iron. Drld sfc hole out of boulders @ 176'. Tripped to check stabilizer and bit.
Mud: 9.0 x 90. MAR 10 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

217/75/9/13.
3/11: Prep to recmt top of 13-3/8" csg. Dev: 3/4° @ 160' and 190'. Ran and cmtd 6 jts 13-3/8" 68# K-55 ST&C csg w/300 sx Class "G" cmt containing 3% CaCl₂ to 217'. No cmt to sfc. WOC. Ran 135' of 1" down outside of 13-3/8" csg. Cmtd 300 sx Class "G" containing 3% CaCl₂. Had returns but no cmt to sfc. WOC.
Mud: 9.0

3/12: Prep to install 13-3/8" WH. WOC 5 hrs. Ran 1" down outside of 13-3/8" csg. Cmtd 400 sx Class "G" containing 3% CaCl₂. No cmt to sfc. WOC. Tagged cmt w/1 1/2" @ 85'. Cmtd 100 sx Class "G" containing 12% Calseal and 3% CaCl₂. No cmt to sfc. WOC. Tagged cmt @ 75'. Cmtd 100 sx 50:50 Calseal and 100 sx Class "G" containing 2% CaCl₂. No cmt to sfc. WOC. Tagged cmt @ 46'. Cmtd 150 sx Class "G" containing 12% Calseal and 3% CaCl₂, w/cmt to sfc @ 5 AM 3/12/72. Total 1450 sx cmt used. Cleaned out cellar.

3/13: Flanging up BOP and air buster. Welded on 13-3/8" head, set chk manifold and air buster. Installing flow-line and blooie line. MAR 13 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

294/75/10/77. Drilling. Dev: 1/4° @ 294'. Finished flanging up BOP and air buster. Press tested csg and Hydril to 800 psi. Drld mouse hole. Changed hyd lines in accumulator. Drld cmt and shoe, tagging cmt @ 178'. Installed and aligned rotating head.
Mud: wtr. MAR 14 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

535/75/11/241. Drilling. Dev: 1/2° @ 389'. Cmtd cellar and csghd. Tripped out w/btm hole reamer. Redrld mousehole. Tripped in to align rotating head.
Mud: Wtr. MAR 15 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

620/75/12/90. Magnafluxing DC's. Dev: 1/2° @ 556. Twisted off body of Grant I.B.S. Tripped for 10-5/8" overshot. Picked up fish (bit, 3 pt reamer and 1 DC). Repaired pump, removing rotating head and tightening union on rotary hose. Cracked pin on 3 pt reamer and #7 DC.
Mud: Wtr MAR 16 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

1166/75/13/546. Drilling. Dev: 3/4° @ 700' and 925'
and 1/2° @ 1144'. Magnafluxed drlg assembly and repaired
rotary hose. MAR 17 1972
Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

2325/75/16/1159. .
3/18: Drilling. Dev: 1/4° @ 1176 and 1/2° @ 1400'.
While drlg @ 1362, twisted off pin on integral blade
stab 180' from bit. Picked up 10-5/8" overshot and
caught fish. Changed bit and laid down fish.
Mud: Wtr
3/19: Drilling. Dev: 3/4° @ 1888'.
Mud: Wtr MAR 20 1972
3/20: Drilling.
Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

2565/75/17/240. Drilling. Dev: 1° @ 2500'. Tripped
for new bit. MAR 21 1972
Mud: Wtr.

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

2930/75/18/365. Drilling. Clutch out on No. 1 pump,
drlg w/No. 2 pump. MAR 22 1972
Mud: wtr.

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13 3/8" csg @ 217'

3265/75/19/335. Drilling. Dev: 3/4° @ 3046.
Mud: Water. MAR 23 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

3555/75/20/290. Drilling. MAR 24 1972
Mud: 8.4

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

3/25: 3768/75/21/213. Tripping out of hole. Twisted off, lost 5000# press. Left BHDC in hole.

Mud: Wtr.

3/26: 3860/75/22/92. Drilling. Laid down DC w/wobbled pin. Tagged top of fish @ 3738 w/fishing tools and pulled out of hole. Picked up 8" monel DC and 1 steel DC and tripped in hole, breaking and remaking connection. Washed and remaed to btm.

Mud: 8.4 x 27

3/27: 3964/75/23/104. Reaming. Dev: 1 1/2° @ 3964'.

"Mudded up" while drlg. Reaming under gauge hole from 3895'.

Mud: (gradient .452) 8.7 x 36 x 22 (1% LCM)

MAR 27 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
13-3/8" csg @ 217'

4005/75/24/41. Circ.hole prior to running csg. Ran SLM - no correction. Ran logs as follows: BHCS/GR w/cal and DIL-SP.

Mud: (gradient .446) 8.6 x 37 x 13

MAR 28 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4005/75/25/0. Nippling up 10" BOP's. Circ hole prior to running csg. Laid down 9" DC's. Ran and cmtd 126 jts 9-5/8" 36# K-55 ST&C R-2 csg to 4005' w/300 sx 60:40 poz-mix plus 2% gel and 250 sx Class "G" cmt containing 2% CaCl₂. Bumped plug w/1750 psi. Had good returns throughout job. Estimated top of cmt @ 2593'. Set slips, nipped down 12" BOP's and installed 13-5/8" 3000 x 11" 5000 AP spool. Sqzd 150 sx Class "G" cmt through Bradenhead.

Mud: wtr.

MAR 29 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4005/75/26/0. Nippling up BOP's and chk manifold.

Mud: Wtr

MAR 30 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4/8: 5352/75/35/218. Drilling. Lost pump press.
Pulled out of hole - found cracked box on hvy wt pipe.
Laid down same and resumed drlg.
Mud: Wtr
4/9: 5620/75/36/268. Drilling. APR 10 1972
Mud: Wtr
4/10: 5868/75/37/248. Tripping for bit change.
Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

6122/75/38/254. Drilling. Dev: 1-3/4° @ 5820'.
Tripped for new bit. Reamed 54' to btm. Repacked
power swivel. APR 11 1972
Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

6477/75/39/355. Drilling. Dev: 1-3/4° S9°W @ 5820'.
Mud: Wtr APR 12 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

6681/75/40/204. Tripping in w/new bit. Dev: 2 1/4° @
6675'. Shows as follows:

<u>Interval</u>	<u>Units Gas</u>
6480'	670
6560'	340
6595'	1020

Checked for flow and circ out gas. Laid down 3 jts HW
DP for inspection. APR 13 1972
Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

6915/75/41/234. Drilling. Finished washing and
reaming 60' to btm. Trip gas: 1300 units. Shows
as follows:

<u>Interval</u>	<u>Units Gas</u>
6753'	510
6782'	500
6765'	200
6818	250

APR 14 1972

Checked for flow and circ out gas.
Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

3/31: 4005/75/27/0. Testing BOP's and repairing leak. Nippled up BOP's - had leak in hyd system of pipe rams. Changed out pipe rams (down 14½ hrs). Changed chk line outlet, leveling up same.

4/1: 4005/75/28/0. Testing mud lines and repairing leak in swivel. Tested BOP's and eqmt. Repaired leaks and installed new fluid end on #1 pump.

4/2: 4005/75/29/0. Drilling on wiper plug @ 3904. Repaired leaks and retested mud lines and swivel. Installed and checked wear sleeve. RU 7" monel and 23- 7" DC's. Cut drlg line. Tripped in hole w/SLM - no correction. Installed rubbers on DP. Circ reserve pit. Tested csg to 2000 psi, held OK. Top of cmt @ 3895. Drld cmt from 3895-3904. Plug @ 3904. Tested BOP's, chk manifold and all lines to 5000 psi, Hydril to 3500, held OK.

Mud: Wtr.

4/3: 4083/75/30/78. Drilling. Dev: 3/4° @ 4060. Tested csg to 2000 psi, held OK. Drld cmt float and shoe. Reamed 55' to btm. APR 3 1972

Mud: Wtr.

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4430/75/31/78. Drilling. Repaired leak on centrifugal pump on reserve pit. APR 4 1972

Mud: Wtr

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4663/75/32/233. Drilling. Repaired motors and jerk line on lead tongs.

Mud: Wtr

APR 5 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4954/75/33/291. Drilling.

Mud: Wtr

APR 6 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

5134/75/34/180. Drilling. Dev: 3° @ 5070'. Tripped out w/bit #16, leaving 1½ cones in hole. Ran junk sub bit and broke cone and picked up same in sub. Made 9' of hole. Tripped in w/4JS type bit and washed to btm.

Mud: Wtr APR 7 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4/15: 7160/75/42/245. Drilling. Shows as follows:

<u>Interval</u>	<u>Units Gas</u>	<u>Interval</u>	<u>Units Gas</u>
6952'	520	7074'	400
6966'	300	7084'	440
7044'	600	7107'	410
7050'	1630	7116'	270

Mud: Wtr

4/16: 7300/75/43/140. Drilling. Drld to 7211, losing 600 psi. Checked sfc eqmt. Chained out and found cracked pipe on btm single of 78th std. Changed bit and reamer. Washed and reamed 80' to btm. Gelled mud system. Circ trip gas. Trip gas: 900 units. Shows as follows:

<u>Interval</u>	<u>Units Gas</u>
7220'	80
7250'	80
7287'	240
7290'	160

Mud: 8.5 x 35 x 12.0

4/17: 7487/75/44/187. Drilling. Increased mud wt from 8.5 to 8.8 ppg. Background gas stable. Connection gas OK.

Mud: 8.8 x 38 x 10.0

APR 17 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

7629/75/45/142. Tripping. Lost pump press after drlg to 7629. Checked sfc eqmt. Tripping for washout. Chaining out, pulling pipe wet.

Mud: 8.8 x 38 x 9.2

APR 18 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

7776/75/46/147. Drilling. Finished making trip and reamed 10' to btm. Lost some mud to fm. Mixed sawdust. Pit level stable after 3 hrs.

Mud: 8.8 x 39 x 8.2

APR 19 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

7978/75/47/202. Drilling.

Mud: 8.9 x 36 x 8.4

APR 20 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

8145/75/48/167. Tripping in hole w/new bit. Ran survey - no picture. Attempted to pull wear ring to test BOP's - unable to screw into same. Btm thread broke off plug trying to pull ring.

Mud: 8.9 x 33 x 12.0

APR 21 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4/22: 8379/75/49/234. Drilling. Cut drlg line. Broke circ, reamed 60' out-of-gauge hole.

Mud: 8.9 x 32 x 10.0

4/23: 8665/75/50/276. Tripping for new bit.

Mud: 9.0 x 34 x 10.0

4/24: 8684/75/51/19. Drilling. Tested BOP's. Removed wear bushing. Unplugged bit and worked tight hole for 4-3/4 hrs. Reamed 97' to btm, working jk sub and tight hole.

Mud: 9.0 x 35 x 10 APR 24 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

8942/75/52/258. Drilling. Background gas: 10-12 units.

Mud: 8.9 x 35 x 13.0 APR 25 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9050/75/53/108. Drilling. Tripped to pick up jars and change out btm hole reamer. Unplugged bit.

Washed and reamed 140'. Circ 565 units trip gas.

Background gas: 20-25 units.

Mud: 8.9 x 35 x 13

APR 26 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/54/82. Washing to btm. Tripped for hole in DP. Washed and drld bridges @ 7962, 8019, 8484 and

8648. Background gas: 22 units, 120 units maximum.

Mud: 8.9 x 37 x 10.0 APR 27 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/55/0. Washing and drlg bridges to btm. Washed and drld bridges to 8790 - lost circ. Lost approx 800

bbbls mud. Tripped out w/first 4 stds tight, staged pipe back in hole. Cond mud and built volume. Washed and drld bridges from 8215-8399. Background gas: 10-12 units. Checked Dailey jars.

Mud: 8.9 x 39 x 6.4 (15% LCM)

APR 28 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

4/29: 9132/75/56/0. Circ prior to cmtg. Ran 6-1/2" DC and 7-7/8" bit to cmt fm. Drld bridges from 7938-7969 and 8281-8456. Washed and drld bridges from 8399-8553. Lost approx 50 bbls mud. Strapped pipe. Mud: 9.3 x 37 x 7.6 (18% LCM)

4/30: 9132/75/57/0. WOC. RU Hal. Mixed and spotted 400 sx Class "G" cmt w/1/8-1/4 lb/sx nylon fiber, .2% HR-4 and 1/3% CFR-2 w/10.5 bbls wtr ahead and 2 bbls wtr behind. Pumped away w/150 psi. Cmtd fm from 8406-7744. WOC. Tripped to shoe, closed rams and press'd. annulus to 100 psi. Magnafluxed DC's, reamers and kelly, laying down two bad DC's. Ran 8-3/4" bit, tagging cmt @ 7744'.

Mud: 9.3 x 37 x 7.6

MAY 1 1972

5/1: 9132/75/58/0. Drlg cmt. Drld cmt from 7744-8195. Circ and cond mud. Lost approx 200 bbls mud.

Mud: 9.2 x 38 x 14.0 (14% LCM)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/59/0. Tripping in hole w/new bit. Drld cmt from 8195-8396. Cleaned out from 8396-8565 w/bridges @ 8498, 8528 and 8540-8565.

Mud: 9.4 x 40 x 12.0 (3% LCM) MAY 2 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/60/0. Reaming and washing. Finished tripping in hole w/new bit. Reamed and washed from 8565-8690. Lost approx 160 bbls mud. Mixed LCM. Washed and reamed from 8690-9041. Bridges and fill @ 8616, 8678, 8710 and occasionally to 9041.

Mud: (gradient .482) 9.3 x 36 x 8.4 (3% LCM) MAY 3 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/61/0. Cleaning out @ 8947. Finished cleaning out to 9132 and circ. Attempted to make short trip. Had to pump out @ 9083, 9000 and 8938. Circ and cond mud @ 8428, incr vis to 50 and mud wt to 9.4 ppg. Made 16-std short trip, pumping out @ 8877 and 8806. Pulled from 8806, hitting obstruction @ 8605. Cleaned out from 8603-8947 w/bridges @ 8603-8750 and 8428-8947. No mud loss.

Mud: 9.4 x 49 x 7.2 (2% LCM) MAY 4 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/62/0. Circ prior to cmtg. CO @ 8947 - stuck. Worked free. Ran 8 1/2" Globe basket w/9' ext and started washing @ 8536 w/bridges @ 8722 and 8847-8352. Rec'd several pcs of fm approx 2 to 6" in dia. Tripped in hole w/7-7/8" bit and 1 DC to 8800'. MAY 5 1972

Mud: 9.3 x 48 x 8 (2% LCM)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

5/6: 9132/75/63/0. WOC. Circ prior to cmtg fm. Set cmt plug from 8800-8196 w/300 sx Class "G" w/10% salt, 0.2% HR-4, 0.5% CFR-2 and 1/4#/bbl nylon fibers. CIP @ 9 AM 5/5/72. While pulling out of hole, found tight spots @ 8750 and 8720. WOC. Cleaned mud tanks and built mud volume. Hole standing full. MAY 8 1972
Mud: 9.3 x 36

5/7: 9132/75/64/0. Dev: 3-3/4° S52E @ 8171. Washing cmt @ 8480 and drilling. WOC 3½ hrs. Tripped to 4000' and changed top DC. Circ @ 4000', tripped to 8141 - laying down 10 jts. Circ and washed from 8144-8350 - no cmt. Calculated top of cmt @ 8196. Washed from 8350-8489 w/soft cmt from 8467-8470. Tagged cmt @ 8476. WOC total of 45 hrs.
Mud: 9.3 x 42 x 5.8

5/8: 9132/75/65/0. Drilling cmt @ 8740. Reamed and drld out bridges from 8480-8605 w/some cmt in returns along w/abundant amt of fine shale particles. Cmt stringers from 8605-8615 and med to firm cmt from 8640-8740. Avg penetration rate in cmt = 60'/hr±. No mud loss. MAY 8 1972

Mud: (gradient .482) 9.3 x 48 x 5.4
Correction to 5/5 report: Bridges @ 8722 and 8947-8952 instead of 8847-8352.

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/66/0. Reaming @ 8667'. Dev: 4° S47E @ 8517'. Drld cmt to 8864, dropping out of cmt. Reamed and washed to 8942 w/bad spot from 8920-8942. Pulled to 8517 w/tight spot from 8705-8645. Spotted LCM slug @ 8517. Tripped for bit w/7-7/8" cutters (re-run). Reamed and washed bridges from 8472-8498 to 8667 with bridges @ 8472, 8605-8640. Lost approx 200 bbls mud while reaming bridges @ 8472. Added 2 lb/bbl LCM. MAY 9 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/67/0. Circ and cond mud. Washed and reamed from 8667-9132 w/tight spots @ 8820-8836 and 8920-8950. Circ @ 9132 for 2½ hrs. Set kelly back to pull out of hole. Pipe stuck @ 9082 - unable to circ. Jarred out of hole to 9000'± and freed pipe, regaining circ.
Mud: 9.4 x 63 x 4.0 (3% LCM) MAY 10 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/68/0. Cutting drlg line. Circ and cond mud @ 9024, adding 2 lb/bbl protecto-magic and 4% diesel. Washed to btm, circ'g oh btm for short trip. Made 10-std short trip w/tight spots from 8940-8970 and 9025-9132. Circ 2 hrs. Tripped out slowly, standing back DC's. Made up home-made shoe on end of DP and tripped in hole to cmt. MAY 11 1972
Mud: (gradient .488) 9.4 x 73 x 4.8 (4% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/69/0. Tripping in to locate top of cmt plug.
Dev: 2-3/4° S59E @ 7344'. Finished running 7-1/4"
sawtooth shoe to 9132'. Circ 30 min. Pulled 5 stds
w/no drag. Ran back to 9132 w/bridge @ 9018. Circ
hole clean. Pipe stuck @ 9018 - worked free in 45 min.
Circ 30 min w/7-1/4" shoe hung @ 9106'. Mixed and
pmpd 330 cu ft 15.8# cmt slurry treated with 1/8#/sx
nylon fiber, 10% salt and 1% CFR-2. CIP @ 3:30 PM.
Pulled shoe and ran 8-3/4" bit and one DC to 6000'.
WOC 14 hrs. Ran to 8422 and circ. MAY 12 1972
Mud: (gradient .488) 9.4 x 73 x 4.8 (12% LCM) (4% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

5/13: 9132/75/70/0. WOC. Ran 8-3/4" bit and one DC,
hitting bridge @ 8533-8535, open to 8583 w/stringers and
soft cmt from 8583-8623 and firm cmt from 8623-8640.
Circ. Ran 7-1/4" sawtooth shoe on DP to 8640. Mixed
and pumped 236 cu ft (200 sx) Class "G" 15.7# cmt slurry w/
1/8#/bbl nylon fiber, 10% salt and 1% CFR-2. CIP @ 5 PM.
Ran drlg hookup to 6000'.
Mud: 9.5 x 77 x 6.5 (2% oil)

5/14: 9132/75/71/0. WOC and cond mud. Ran drlg assembly
to 8500' - no cmt. Circ mud from btm up. Located top of
cmt @ 8543. Cleaned out firm cmt to 8548. Ran 7-1/4"
sawtooth shoe, cleaning out to 8553. Circ hole. Plug
job #5: W/7-1/4" shoe hung @ 8552, mixed and pumped 297
cu ft (250 sx) 15.9# cmt slurry w/1/8#/bbl nylon fiber,
10% salt and 1% CFR-2. CIP 6:30 PM. Ran drlg assembly
to 7500'.

Mud: 9.6 x 68 x 8

5/15: 9132/75/72/0. WOC and cond mud. Cond mud @ 7500'.
Located top of plug #5 @ 8471'. CO stringers and soft
cmt w/firm cmt @ 8492. Pumped hole clean. Ran 7-1/4"
sawtooth shoe to 8492 and circ btms up. Plug job #6:
W/shoe hung @ 8490, mixed and pumped 295 cu ft (250 sx)
Class "G" 15.4# cmt slurry w/1/8#/bbl nylon fiber, 10%
salt and 1% CFR-2. CIP @ 8:00 PM. Ran drlg assembly to
7500'. Lost 50 bbls mud last 4 hrs.

Mud: 9.7 x 52 x 8.6 MAY 15 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/73/0. Drlg hd cmt @ 8870. WOC 12 hrs. Ran to
7500 hitting bridge @ 7970. Located firm cmt @ 8025.
Drlg 30' cmt/hr. Had some torque while drlg cmt @ 8473-
8496.

Mud: 9.4 x 49 x 5.6 MAY 16 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9132/75/74/0: Tripping in hole to drill ahead. Drld firm cmt from 8870-9120 and CO to 9132. Ran csg profile caliper - csg OK. Tested BOP stack and manifold, OK. Background gas: 18-20 units. Had two 50-unit shows while drlg cmt.
Mud: 9.4 x 46 x 6.2 MAY 17 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9268/75/75/136. Drilling. Circ trip air 15 min. Background gas: 10-12 units. MAY 18 1972
Mud: 9.4 x 43 x 4.7

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9377/75/76/109. Tripping in w/new bit. Sptd pill in DP and tripped to 9377'.
Mud: (gradient .488) 9.4 x 44 x 4.6 (1% oil)
MAY 19 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

5/20: 9487/75/77/110. Drilling. Washed and reamed 90' to btm from 9287-9377 w/tight spots as previously reported (appeared to be sloughing shale). Tight connection @ 9347. Circ out max of 1600 units trip gas.
Mud: 9.3 x 44 x 3.2 (1.5% oil)
5/21: 9546/75/78/59. Drilling. Dropped survey - instrument failed. Tripped for new bit @ 9532. Washed and reamed 90' to btm and circ out max of 50 units trip gas and air.
Mud: (gradient .488) 9.4 x 45 x 3.2 (3% oil) MAY 22 1972
5/22: 9680/75/79/134. Tripping for new bit.
Mud: 9.5 x 45 x 3.0

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9712/75/80/32. Lost circ. Mixing mud. Finished tripping for new bit @ 9680. Filled DP @ 5000'. Reamed 90' to btm - had some under-gauged hole. Drlg break from 9700-9712, losing circ. Mixed and sptd 100-bbl 9.2 ppg mud w/10#/bbl LCM outside drill string w/o returns. WO hole to heal. Lost approx 500 bbls mud last 24 hrs.
Dev: 3 $\frac{1}{4}$ ^o S24^oE @ 9670'. MAY 23 1972
Mud: (gradient .478) 9.2 x 50 x 4.0 (12% LCM) (2% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9789/75/81/77. Drilling. Mixed mud and LCM, cutting mud wt to 9.3. Regained circ. Lost approx 250 bbls mud w/no loss last 12 hrs.
Mud: (gradient .483) 9.3 x 49 x 4.2 (10% LCM) (4% oil)
MAY 24 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9820/75/82/31. Drlg. Dev: 3° S20°E @ 9790 (bad picture). Tripped for new bit @ 9799. Inspected drlg assembly and kelly. Tripped in hole w/SLM - still in hole. Washed and reamed 90' to btm. Trip gas: 15 units.
Mud: (gradient .483) 9.3 x 51 x 3.6 (8% LCM) (4% oil)
MAY 25 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

9909/75/83/89. Drilling. Made 9' correction on depth @ 9820.
Mud: 9.4 x 46 x 3.5 (6% LCM) (4% oil) MAY 26 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9 5/8" csg @ 4005'

5/27 9959/75/84/50. Washing to btm w/new bit. Broke circ going in hole at 6000 and 9000'. Cut drlg line.
Mud: 9.4 x 50 x 3.6 (Oil 3%) (LCM 5%)
5/28 10,039/75/85/80. Drilling. Lost approximately 300 bbls mud at 10,008 and 10,030. Reduced pump press and cont'd drlg. Mud system stable and drlg currently. 6 a.m. mud wt. 9.2, 47 visc. Washed to btm ¼ hr.
5/29 10,088/75/86/49. Tripping for bit change. Pmpd pill. Background gas 3-12 units.
Mud: 9.4 x 48 x 4 (LCM 3%) (Oil 5%)
5/30 10,163/75/87/75. Drilling. Dev: 2 3/4° S 18°E at 10,068. Broke circ at 6000 and 9000'.
Washed 90' to btm. Circ trip gas. 5-10 units background gas.
Mud: 9.4 x 48 x 4.0 (LCM 1%) (Oil 3%).
MAY 30 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9 5/8" csg @ 4005'

10,179/75/88/16. Staging DP to btm due to lost circ. In part 24 hrs, lost approx 1100 bbls drlg fluid. Pulled up into csg at 4000' and established circ. Began staging to btm in 1000' increments. 8 std off btm at report time - hole stable. Background gas - 5-10 units.
Mud: 9.4 x 49 x 5.4 (LCM 10%) (Oil 2%).
MAY 31 1972

Shell-Phillips-Mtn Fuel 10,281/75/89/102. Drilling.
Broadhead 1-21B6 Staged to btm.
(WC) Loffland Mud: 9.3 x 43 x 4.0 (LCM 8%) (Oil 2%) JUN 1 1972
13,000' Wasatch Test
9 5/8" csg @ 4005'

Shell-Phillips-Mtn Fuel 10,381/75/90/100. Drilling. Mud: 9.4 x 45 x 32
Broadhead 1-21B6 (LCM 10%). (Oil 2%). JUN 2 1972
(WC) Loffland
13,000' Wasatch Test
9 5/8" csg @ 4005'

Shell-Phillips-Mtn Fuel 6/3: 10,433/75/91/52. Drilling.
Broadhead 1-21B6 Dev: 2½°S 0°8E (corrected). Tripped for bit at 10,414.
(WC) Loffland Displaced 6 bbls overall.
13,000' Wasatch Test Mud: 9.4 x 45 x 3.2 (LCM 10%) (Oil 2%)
9 5/8" csg @ 4005' 6/4: 10,581/75/92/148. Drilling.
Mud: 9.3 x 46 x 4.0 (LCM 8%) (Oil 2%) JUN 5 1972
6/5: 10,713/75/93/132. Drilling.
Mud: 9.3 x 46 x 4.0 (LCM 8%) (Oil 4%)

Shell-Phillips-Mtn Fuel 10,862/75/94/149. Drilling.
Broadhead 1-21B6 Mud: 9.4 x 45 x 3.9 (7% LCM) (4% oil) JUN 6 1972
(WC) Loffland Note: 4% oil shown in drlg mud is No. 2 diesel oil.
13,000' Wasatch Test
9-5/8" csg @ 4005'

Shell-Phillips-Mtn Fuel 11,000/75/95/138. Drilling.
Broadhead 1-21B6 Mud: 9.4 x 41 x 4.2 (7% LCM) (5% oil) JUN 7 1972
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

Shell-Phillips-Mtn Fuel 11,080/75/96/80. Testing BOP's. Dev: 3° S08E @ 11,070'
Broadhead 1-21B6 (corrected). Circ btms up before tripping for new bit @
(WC) Loffland 11,080. Jetted cellar and tested BOP's.
13,000' Wasatch Test Mud: 9.4 x 45 x 4.0 (7% LCM) (5% oil) JUN 8 1972
9-5/8" csg @ 4005'

Shell-Phillips-Mtn Fuel 11,118/75/97/38. Circ out gas cut mud. Tested BOP's
Broadhead 1-21B6 and related eqmt to 5000 psi, OK. Replaced leaking
(WC) Loffland lower kelly valve. Tripped in hole slowly and broke
13,000' Wasatch Test circ @ 5400 and 9500. Washed 128' to btm while circ
9-5/8" csg @ 4005' @ reduced rate, circ out 75 max units trip gas. Drld
from 11,080-11,118, having sli penetration incr from
11,102-11,112. Had 1280 units gas w/btms up from 11,103.
Cut mud from 9.4 to 9.0 ppg - no pit incr. Circ out gas.
Background gas: 200-250 units.
Note: Reduced circ rate by one-half for 8 min - had
corresponding incr in gas on btms up of 1260 units for
8 min. JUN 9 1972
Mud: 9.4 x 44 x 4.4 (4% LCM) (4.5% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

6/10: 11,118/75/98/0. Circ 9.7 ppg mud at reduced circ rate. Circ out 200-280 units background gas. Cut mud from 9.4 to 9.3 ppg. Checked for flow (flowed). Circ out 2000 units gas on btms up. Cut mud to 7.2 w/oil. Incr wt slowly to 9.6, losing approx 25 bbls. Checked for flow (flowed). Max gas on btms up 1100 units w/cut 9.6 to 9.1. Incr mud to 9.7 and started circ. Losing sli amt of mud at report time. Background gas: 30 units.
Mud: 9.6 x 43 x 4.0 (6% LCM) (4% oil)

6/11: 11,118/75/99/0. Circ. Circ 9.7 ppg mud. Mixed LCM and varied pump rate to control loss. Lost approx 50 bbls. Check well for flow (no flow). Circ out w/no show. Made 16 std short trip w/hole taking proper displacement. Circ out background gas: 5-10 units. Note: Tight spot @ 9700± corresponds to loss circ @ that depth.
Mud: 9.7 x 45 x 3.8 (12% LCM) (3.5% oil)

6/12: 11,118/75/100/0. Logging. Circ out after short trip. Tripped out w/SLM - no correction. Hole took 20 bbls over calculated displacement. RU Schl shooting nipple and ran Sonic, DIL, CNL-FDC. Had two failures in FDC - now running third tool. Logged to 11,085.
Note: Monitoring well at all times - hole taking small amt of mud.
Mud: 9.7 x 45 x 3.8 (12% LCM) 3.5% oil JUN 12 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

11,118/75/101/0. Tripping to btm prior to running csg. Reran logs as follows: DIL and CNL-FDC. RD Schl and started tripping in w/DP, bringing btms up each 10 stds. Hole very unstable. JUN 13 1972

Shell-Phillips-Mtn Fuel •
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
9-5/8" csg @ 4005'

11,118/75/102/0. Laying down DC's. Ran DP to btm slowly, breaking circ each 1000'. Lost no mud. Circ 2½ hrs and laid down DP. While tripping in hole, hit bridge 30' off btm. Gas units from btms up: 16. Background gas: 3-7 units.
Mud: 9.7 x 45 x 3.8 (12% LCM) (3.5% oil) JUN 14 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,118/75/103/0. Nippling down BOP stack. Finished laying down DC's. Pulled wear bushing and changed BOP rams to 7". Ran and cmtd 256 jts 7" 26# S-95 LT&C csg to 11,087 (30' off btm) w/50 sx 60:40 pox followed by 300 sx Class "G" neat cmt containing 16% CaCl₂ and 0.3% HR-4. Good returns throughout. Plug down @ 12:45 PM, 6/15/72. Shoe @ 11,087, collar top @ 10,995. WOC.
Mud: 9.7 x 45 x 3.8 (12% LCM) (3.5% oil) JUN 15 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,118/75/104/0. Repairing rig - WO kelly hose. Nippled down BOP's and cut off csg. Nippled up BOP's, testing same - OK. Ruptured rotary hose while testing std pipe valve.
Mud: 9.7 x 45 x 3.8 (12% LCM) (3.5% oil) JUN 16 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

6/17: 11,118/75/105/0. Drlg cmt prior to drlg shoe. Installed new kelly hose and tested same, held OK. Tested csg to 4000 psi, held OK. Cond mud, tagging cmt @ 10,952. Drld firm cmt and collar.
Mud: 9.6 x 43 x 5.6 (2% oil)

6/18: 11,139/75/106/21. Tripping for new bit. Drld cmt and shoe, CO 8-3/4" hole. Circ bmts up and sptd pill, filling trip tank.
Mud: 9.8 x 40 x 6.6

6/19: 11,201/75/107/62. Drilling. Tripped in w/new bit, breaking circ to btm. Circ mud off btm. Trip gas: 80 units. Background gas: 3 units.
Mud: (gradient .509) 9.8 x 43 x 6.2 (1.5% oil) JUN 19 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,309/75/108/108. Drilling. Background gas: 3 to 5 units.
Mud: (gradient .514) 9.9 x 45 x 5.6 (1% oil) JUN 20 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,432/75/109/123. Drilling.
Mud: (gradient .520) 10 x 43 x 5.5 JUN 21 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,534/75/110/102. Drilling. Background gas: 2-3 units.
Mud: (gradient .514) 9.9 x 43 x 5.4 JUN 22 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,615/75/111/81. Drilling.
Mud: (gradient .514) 9.9 x 43 x 5.4 JUN 23 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

6/24: 11,684/75/112/69. Drilling. Made short trip into csg @ 11,621.
Mud: 10.0 x 42 x 5.2

6/25: 11,736/75/113/52. Drilling. Swivel pkg went out while drlg - changed same.
Mud: (gradient .535) 10.3 x 44 x 5.6

6/26: 11,767/75/114/31. Drilling. Tripped out w/SLM, making +5' correction. Inspected DC's. Ran 4-3/4" Dailey jars, breaking circ @ 8000'. Washed 85' to btm. Changed bit @ 11,742'. JUN 26 1972
Mud: 10.4 x 52 x 5.2

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland
13,000' Wasatch Test
7" csg @ 11,087'

11,770/75/115/3. Washing to btm. Pulled bit #43, finding piece broken off of bit approx 1" x 1" x 9/16". Tripped in w/6-1/8" rock bit and jk basket and broke circ @ 8000'. Drl'd on jk, attempting to pick up same. Made 1' of hole and circ btms up, rec only pieces of shale - no jk. Tripped in, breaking circ @ 8000'. Washed 60' to btm.
Mud: (gradient .551) 10.6 x 55 x 5.6 JUN 27 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

11,894/75/116/124. Drilling. Washed and reamed to btm.
Mud: (gradient .586) 11.3 x 50 x 5.2 JUN 28 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
12,000' Wasatch Test
7" csg @ 11,087'

11,987/75/117/93 Drilling. Incr mud wt. Est mud loss last 24 hrs: 50 bbls. JUN 29 1972
Mud: 13.2 x 48 x 5.4

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,042/75/118/55. Circ and cond mud @ 11,972 and pmpg out 1 single. Drlg break from 11,987-11,992. Circ out gas show. Connection gas while drlg below 12,017: 10-15 units. While drlg @ 12,032, had 75%± incr in flow and corresponding 5-10 bbl pit gain. SI well w/100 psi on csg and erroneous 100 psi on DP (gauge incorrect). Incr mud wt from 13.1 to 13.4 and circ out on chk w/zero BP. Entire annulus vol GC from 13.1 to 12.7 to 12.9 but no incr in gas on btms up and no incr in pit vol. Circ break @ 12,042 - no show. Pipe trying to stick - lost partial returns. Reduced pump speed, regaining circ. Pipe freed - circ unbalanced mud. Lost approx 150 bbls mud. JUN 30 1972
Mud: 13.1-13.7 (avg 13.4) x 49-53 x 5-4

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

7/1: 12,097/75/119/55. Drilling. Circ and cond unbalanced mud. Lost approx 40 bbls mud while drlg. Connection gas: 10-100 units - incr mud to 13.5 ppg. Mud: 13.5 x 50 x 5.0 (2% LCM)

7/2: 12,121/75/120/24. Building pit volume. Circ and cond mud @ 12,114. Lost 50 bbls. Drld to 12,121 and circ and cond mud. Lost 250 bbls. Slugged pipe and pulled 12 stds into csg. Had gas incr from 2-3 units to max of 55 while down repairing pump - w/13.5 ppg mud - pmpg @ 1/2 volume.

Mud: 13.3 x 93 x 5.0 (3-4% LCM)

7/3: 12,121/75/121/0. Tripping in hole. Incr mud volume. Pulled to 5390, swabbed hole from btm of csg to 5390 down to 1 bbl/5 stds (2.4 bbls/5 stds) - total of 16 bbls short on fillup. Pmpd 20 bbls in fm down annulus w/50 psi. Equalized system and mixed slug, w/9 bbl mud returned. Swabbed from 5390, 8 bbls short on fillup. Bit partially balled and one wtr course plugged w/blue clay and LCM. Bit OK. Laid down BHA (3 stabs and 7' DC). Started running in hole w/BH spiral DC - removing DP rubbers @ 5000'. Circ w/full returns and cond mud.

Mud: 13.4 x 48 x 5.4 (3% LCM) JUL 3 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

7/4: 12,121/75/122/0. Reaming tight hole @ 11,578'. Circ and cond mud @ 5000'. Ran in hole to 8000' and removed DP rubbers. Circ and cond mud @ 8000' w/13.2+ ppg mud in and out. Checked for flow. Ran to 11,005' and circ and cond mud w/13.2 ppg mud in and out.

Checked for flow - had sli flow on DP and annulus. SI and check press; annulus 50 psi, DP 25 psi. Incr mud wt to 13.4 ppg and displaced DP w/same. Ran in hole hitting tight spot @ 11,470'. Circ and reamed from 11,470-11,477. Had 340 units gas on btms up - cut mud to 10.7 ppg. Reamed to 11,578 - hole tight. Background gas: 10 units. Connection gas: 40 units max.

Mud: (gradient .696) 13.3+ x 53 x 5.4 (3% LCM)

7/5: 12,171/75/123/50. Drilling. Reamed to 12,171 in 9 hrs. Background gas: 3 units. Connection gas @ 12,162: 25 units.

Mud: (gradient .696) 13.4 x 48 x 5.6 (3% LCM)

Correction to 7/3/72 report: Pmpd 20 bbls in fm down annulus w/500 psi instead of 50 psi. JUL 5. 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,248/75/124/77. Drilling. Background gas: 3-4 units. Max connection gas @ 12,193: 128 units w/avg of 30-50 units.

Mud: (gradient .696) 13.4 x 50 x 5.8 JUL 6 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,267/75/125/19. Going in hole w/dia bit.
Checked pmp strokes and press. Drld to 12,267 and press
increased to 3100. Checked for flow. Pulled 15 stds
into csg slowly; well swbd. Checked for flow, filled
trip tanks and RU vac truck (trip tank truck not
operating). Mixed slug and RD tank truck - very slow
and inaccurate on vol. Tripped out of hole and tested
BOP's. JUL 7 1972
Mud: (.701) 13.5 x 50 x 5.8

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

7/8: 12,301/75/126/34. Circ and mixing LCM to regain
circ. Tripped in to 11,000± slowly, circ out max gas
of 240 units. Tripped to 11,435, hitting bridge.
Reamed from 11,435-11,545 and ran to 11,607, hitting
bridge. Washed and reamed to 11,669. Finished trip
in hole and washed 80' to btm. Lost 25% returns. Circ
@ reduced rate. Lost approx 25 bbls mud.
Mud: (gradient .701) 13.5 x 55 x 5.0 (1.5% oil)
7/9: 12,373/75/127/72. Drilling. Regained circ after
circ 3/4 hr. Tight connection @ 12,335, tight from
12,335-12,338 - unable to clean up same. Bit balled
up - washed off same.
Mud: 13.4+ x 51 x 4.6 (1% LCM) (3% oil)
7/10: 12,431/75/128/58. Drilling. Started losing
mud after drlg 6-3/4 hrs. Worked tight pipe and regained
circ. Lost 120 bbls mud. Worked tight hole @ 12,395,
jarring loose twice. Continued drlg, picking up and
working pipe every 10'. Tight hole due to sloughing
shale.
Mud: (gradient .696) 13.4 x 53 x 4.5 (3% oil) JUL 10 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,493/75/129/62. Drilling. Worked tight spot @ 12,433.
Sptd 30-sk Mica pill and worked pipe, freeing same.
Cont'd drlg, working pipe each 10' of hole drld. Hole
conditions improving w/torque at normal. JUL 11 1972
Mud: 13.5 x 50 x 4.2 (4% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,542/75/130/49. Drilling. Made 15 std short trip.
Worked thru tight spots @ 12,322, 12,285 and 12,265
w/kelly and tight spot from 11,435-11,465. Ran in
hole, hitting tight spot @ 11,435. Reamed from 12,318
to 12,542 - 4' fill on btm. Worked pipe each 10' drld.
Mud: 13.6+ x 55 x 3.6 (3.5% oil) JUL 12 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,608/75/131/66. Drilling. JUL 13 1972
Mud: (gradient .701) 13.6 x 56 x 3.8 (3% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,666/75/132/58. Drilling. Worked tight spot @
12,640. Lost 150 bbls mud while drlg @ 12,640.
Mud: (gradient .701) 13.6+ x 49 x 4.2 (2% oil)
JUL 14 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

7/15: 12,723/75/133/57. Drilling. Worked tight spots
@ 12,663 and 12,693.

Mud: (gradient .701) 13.6+ x 51 x 4.0 (3% oil)

7/16: 12,729/75/134/6. Reaming and washing @ 11,445.

Circ out samples and unbalanced mud. Pulled into csg
w/tight spots @ 12,663, 12,640 and 11,435 and sli tight
spots @ 12,310 and 12,285. Slugged pipe and pulled out
of hole. Laid down 25 jts 3½" DP, checked DC's and
kelly. Bit slightly out of gauge 1/32". Tripped in
hole w/25 jts 3½" hard banded pipe and broke circ @
6000'. Circ out @ 11,000'. Reamed out original tight
spot @ 11,435-11,565.

Mud: (gradient .707) 13.6+ x 51 x 4.0 (3% oil) JUL 17 1972

7/17: 12,767/75/135/38. Drilling. Reamed out tight
holes @ 11,435-11,619, 12,014-12,087, 12,107-12,100
and 12,201-12,273. Had tight spot @ 12,501. Reamed
12,481-12,767. Reamed for gauge from 12,638-12,729.
Mud: (gradient .707) 13.6 x 52 x 4.0 (3% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,860/75/136/93. Drilling. Background gas: 4 units.
Connection gas: 15 units. JUL 18 1972
Mud: 13.6 x 50 x 3.9

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

12,951/75/137/91. Drilling. Background gas: 8 units.
Connection gas: 24 units.
Mud: 13.5+ x 51 x 4.2 JUL 19 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
13,000' Wasatch Test
7" csg @ 11,087'

13,034/75/138/83. Drilling. Lost returns @ 12,998.
Mixed LCM, circ and cond mud. Background gas: 8 units.
Connection gas: 68 units. Lost 175 bbls mud.
Mud: 13.5+ x 54 x 3.8 (3% oil) JUL 20 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,099/75/139/65. Drilling. Lost circ while drlg @
13,067, losing 160 bbls mud. Worked and CO tight spots
@ 13,036-13,086. Lost 38 bbls mud @ 13,084-13,095.
Mud: 13.5+ x 54 x 4 (2.5% oil) JUL 2 1 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

7/22: 13,164/75/140/65. Drilling. Working pipe by
tool jt each 10' drld. Connection gas: 280 units max.
Mud: 13.4+ x 50 x 4.0 (3% LCM) (3% oil)
7/23: 13,185/75/141/21. Reaming to btm. Incr mud wt
to 13.6 ppg. Circ, losing some mud. Lost 70 bbls.
Pulled 2 stds - tight @ 13,043, 13,000, 12,987, 12,954.
At 12,905 picked up kelly, well swabbing, gained 5 bbls.
Circ out 255 units gas @ 12,925. Tripped out slowly a
total of 65 stds w/tight spots @ 12,860, 12,304, and
11,435. Hole not taking mud properly - 5 bbl short.
Tripped in hole to 12,934 (tight). Circ out 280 units
gas. Washed and reamed from 12,934 to TD.
Mud: (gradient .706) 13.6 x 50 x 4.2 (3% LCM) (3% oil)
7/24: 13,187/75/142/2. Testing BOP's. Reamed and
washed, hitting bridge @ 12,020 to 13,030. Washed and
reamed to btm. Cond mud. Circ hole, losing mud - mud
out of balance. Laid down 6 jts DP off top. Circ
balanced mud @ 13,003'. Tripped out slowly - well
attempted to swab. Made SLC of -5'. JUL 2 4 1972
Mud: 13.6-13.8 x 50 x 5.0 (3% LCM) (3% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,187/75/143/0. Reaming @ 13,050. Finished testing
BOP's to 5000 spi, OK. Tripped in hole to 6200' and
circ 1½ hrs. Ran to 11,000'±. Circ and cond mud to
13.6 ppg. Ran to 12,304, washed and reamed from 12,304-
12,720 w/tight spots @ 12,310-320, 12,483-485 and 12,630-
660. Washed and reamed from 12,872-13,050 w/bridges and
short sections of possibly under-gauged hole.
Mud: 13.5 x 50 x 4.2 (4% LCM) (3% oil) JUL 2 5 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,251/75/144/64. Drilling. Finished reaming to btm.
Lost returns while drlg @ 13,204. Circ slowly, mixed
and sptd mica pill, regaining circ. Circ out drlg break
@ 13,204-13,213. JUL 2 6 1972
Mud: 13.6 x 52 x 3.6 (4% LCM) (3% oil)

Shell-Phillips-Mtn Fuel 13,306/75/145/55. Drilling. Lost partial circ
Broadhead 1-21B6 while drlg @ 13,292. Circ @ reduce rate and regained
(WC) Loffland #8 circ. Lost 60 bbls mud. Background gas: 4 units.
14,000' Wasatch Test Connection gas: 28 units.
7" csg @ 11,087' Mud: 13.3+ x 50 x 4.4 (3.5% LCM) (3% oil) JUL 27 1972

Shell-Phillips-Mtn Fuel 13,351/75/146/45. Drilling. Lost returns while drlg
Broadhead 1-21B6 @ 13,328. Lost 125 bbls mud. Background gas: 5 units.
(WC) Loffland #8 Mud: 13.5 x 51 x 3.8 (4% oil) JUL 28 1972
14,000' Wasatch Test
7" csg @ 11,087'

Shell-Phillips-Mtn Fuel 7/29: 13,355/75/147/4. Circ and cond mud @ 11,000'.
Broadhead 1-21B6 Lost returns. Mixed LCM. Circ and cond mud. Laid
(WC) Loffland #8 down 3 jts - well swabbed and flowed 18 bbls. Circ
14,000' Wasatch Test and mixed LCM, getting partial returns @ 13,265. Mixed
7" csg @ 11,087' and sptd LCM pill @ 13,265. Laid down 6 jts. Circ w/
partial returns @ 12,079. Pulled 23 stds to 11,000' -
hole tight @ 12,908. Circ and cond mud @ 11,000 for 4
hrs. WO hole to heal. Lost 1000 bbls mud. Background
gas: 4 units. Btms up gas: 100 units.
Mud: 13.4 x 50 x 5.7 (7% LCM)
7/30: 13,355/75/148/0. Washing to btm. Circ and cond
mud @ 11,000' 3 hrs. Tripped in w/new bit, circ and cond
mud @ 11,000' for 4½ hrs, broke circ @ 11,960, and washed
bridge @ 12,163. Ran to 12,878 and washed from 12,878 to
13,184. Lost 250 bbls. Background gas: 10 units.
Mud: 13.6 x 57 x 5.8
7/31: 13,394/75/149/39. Drilling. Washed to btm.
Started losing mud while drlg. Cleaned LCM from pump
valves and cont'd drlg, losing mud. Mixed and circ LCM,
cont'd drlg. Cleaned LCM from pump. Losing mud while
drlg. Circ and mixed LCM. Cleaned LCM from pump valves.
Viscosity: 125 sec. Circ and cond mud. Worked pipe in
tight hole. Drld 2½ hrs w/no mud loss. Background gas:
4 units. Down time gas: 42 units. Lost 550 bbls mud
last 24 hrs.
Mud: 13.3 x 52 x 5.6 (12% LCM) JUL 31 1972

Shell-Phillips-Mtn Fuel 13,463/75/150/69. Drilling. Drld w/no mud loss for 2
Broadhead 1-21B6 hrs. Cleaned LCM from pump valve. Had partial mud loss
(WC) Loffland #8 while drlg next 7½ hrs. Worked pipe in tight hole ?
14,000' Wasatch Test 13,430. Cleaned LCM from pump valve. Cont'd drlg,
7" csg @ 11,087' losing mud. Lost 340 bbls mud last 24 hrs. Background
gas: 8 units. Down time gas: 90 units.
Mud: 13.4 x 54 x 5.2 AUG 1 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,463/75/151/0. Tripping in w/new bit. Worked tight pipe @ 10,463. Tripped out slowly w/DP - hole flowed back - out of balance. Changed bit and jars. Circ @ 6000'. Tripped to 11,000 w/new bit and circ 2-3/4 hrs. Background gas: 5-8 units. Btms up gas @ 11,000': 12 units. AUG 2 1972
Mud: 13.4 x 54 x 5.2 (10#/bbl LCM) (2% oil)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,510/75/152/47. Drilling. CO LCM from pump and mud valves. Finished circ btms up. Tripped in slowly to 13,403, washing and CO to btm from 13,403 to 13,463. No mud loss. Background gas: 5 units. Downtime gas: 30 units.
Mud: 13.5 x 54 x 5.2 (8#/bbl LCM) (2.5% oil) AUG 3 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,562/75/153/52. Drilling. Circ samples @ 13,518. Background gas incr since 3 AM, 8/4, w/avg of 10 units and peaks from 14-20 units.
Mud: 13.4 x 51 x 5.2 (7½% LCM) (3% oil) AUG 4 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

8/5: 13,607/75/154/45. Drilling. Cleaned LCM out of pump. Background gas: 2 units, w/peaks of 35 and 54 units.
Mud: 13.4 x 51 x 4.6 (7 lb/bbl LCM) (3% oil)
8/6: 13,647/75/155/40. Mixing LCM. Had drlg break @ 13,641, losing complete returns. Mixed LCM pills and attempted to fill hole. Lost approx 625 bbls mud.
8/7: 13,647/75/156/0. Attempting to regain circ. Mixed two 100-bbl (30 lb/bbl) LCM pills and sptd below DP, attempting to fill annulus w/o success. Pulled 5 stds to 13,144. Hole tight from 13,514-13,426. Pipe stuck - jarred out. Mixed and sptd two add'l 100 bbls mud & LCM. WO pill 6 hrs. Now attempting to fill annulus. Lost 810 bbls last 24 hrs. Reduced mud wt to 13.0 ppg.
Mud: 13.0 x 56 x 5.2 AUG 7 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,647/75/157/0. WO hole to heal while monitoring loss rate. Filled annulus and attempted to circ. Fluid fell down annulus. Mixed and displaced 100 bbls (30#/bbl) LCM. Pulled into csg to 10,800'. Mixed vol, filling annulus each 30 min. Monitored loss rate @ 2 PM, 8/7 @ 32 B/H, gradually decr to 2.5 B/H @ 6 AM, 8/8. Mud loss last 24 hrs 345 bbls. Cum loss 1160 bbls. AUG 8 1972
Mud: (gradient .676) 13.0 x 47 x 5.6 (15% LCM)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,647/75/158/0. Washing to btm. Filled hole, monitoring loss @ ± 1 B/H. Broke circ. Lost approx 35 bbls gradually. Regained full circ w/12.9 mud @ 10,840. Staged in hole and circ out and cond mud @ 11,364, 12,310, 13,144. Max gas @ 13,144: 22 units. Lost 5 bbls mud. Drld out bridges from 13,426-13,520. Went in hole to 13,626 and drld out fill. Lost 40 bbls mud past 24 hrs w/total loss of 1820 bbls.
Mud: 12.9 x 51 x 5.4 (15% LCM) AUG 9 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,704/75/159/57. Drilling. Drld out fill from 13,629-13,647, losing some mud. Cleaned LCM out of pumps w/no down time. Drld 5½ hrs, losing some mud. Cleaned LCM out of pumps and cont'd drlg, losing no mud @ 6 AM. Background gas: 5 units. Connection gas: 22 units. Lost 125 bbls mud last 24 hrs. AUG 10 1972
Mud: 12.8 x 52 x 5.6

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,758/75/160/54. Drilling. Tight connection @ 13,721. Connection gas: 53 units w/12.7 ppg mud. No mud loss.
Mud: 12.8 x 53 x 4.8 (14% LCM) AUG 11 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

8/12: 13,770/75/161/12. Tripping out for new bit. Bit press'd up after drlg 7-3/4 hrs. Cleaned LCM out of pumps. Circ 2¼ hrs. Made 10 std short trip. Hole would not take any displacement. Circ out 36 units gas and circ and cond mud. Pulled out of hole slowly. Hole attempted to swab first 15 stds.
Mud: 12.9 x 53 x 4.8 (14% LCM)

8/13: 13,770/75/162/0. Reaming in hole @ 13,460. Finished tripping out. Slowly displaced hole - 5 bbls short. Well not flowing. Changed bits and magnafluxed DC's. Laid down one bent DC and one Hydril safety valve w/top box cracked. Tripped in to 5982 and broke circ. Tripped to 10,841 and circ btms up, losing 20 bbls. Tripped to 12,896, hitting bridge. Unplugged bit and reamed from 12,896-12,931. Tripped to 13,429 and hit bridge. Reamed from 13,429-13,460, losing 80 bbls. Total mud lost last 24 hrs 100± bbls.
Mud: 13.1+ x 58 x 5.0. (14% LCM)

8/14: 13,796/75/163/26. Drilling. Washed and reamed from 13,460-13,578. Cleaned LCM out of pumps. Washed and reamed from 13,578-13,776. Lost 210 bbls mud last 24 hrs - not losing mud at report time. Max down time gas: 80 units.
Mud: 12.8 x 49 x 4.8 (14% LCM) AUG 14 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,815/75/164/19. Letting hole heal; mixing mud vol.
Lost circ @ 13,815. Mixed and sptd 100 bbls 30#/bbl
LCM around bit. Pulled 30 stds into csg - tight spot
@ 12,877. Filled hole each 30 min out of trip tank,
monitoring loss. Lost 600 bbls mud last 24 hrs.
Mud: 12.8 x 50 x 4.8 (15#/bbl LCM) AUG 15 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,815/75/165/0. Circ, losing some fluid. Let hole
heal. Built vol. Circ 1 hr, losing mud. Let hole
heal. Built vol. Circ 1 hr, losing mud. Lost 430
bbls mud last 24 hrs. AUG 16 1972
Mud: 12.8 x 53 x 4.8

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,825/75/166/10. Tripping out for logs. Circ @ 11,030
4½ hrs. Tripped in slowly, washed and reamed bridge
from 12,991-13,032. Washed and reamed 90' to btm - had
20' fill. Circ btms up prior to logging. Sptd pill and
tripped out slowly, checking for flow. Lost 465 bbls mud
past 24 hrs.
Mud: 12.8 x 50 x 4.8 (18#/bbl LCM) AUG 17 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,825/75/166/0. Logging. Hole stable while logging.
Lost very little mud.
Mud: 12.8 x 53 x 4.8 (17#/bbl LCM) AUG 18 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

8/19: 13,825/75/167/0. Circ @ 11,000 to balance mud
system. Ran logs as follows: DIL, BHCS-GR w/cal, CNL-
FDC-GR. Broke circ @ 6000' and 7950'.

Mud: 12.8 x 53 x 4.8 (17#/bbl LCM)

8/20: 13,825/75/168/0. Tripping out to run 5" liner.
Circ and cond mud @ 13,825. Tripped out w/DP. Had 75
units trip gas w/btms up. Lost approx 150 bbls mud
tripping in. Hole stable while circ.

Mud: 12.6+ x 50 x 5.6 (18#/bbl LCM)

8/21: 13,825/75/169/0. Circ, WO liner hanger. Finished
tripping out w/DP. Tripped in slowly, breaking circ @
6000 and 11,000'. Washed 60' to btm - no fill. Circ @
13,825 12½ hrs, WO liner hanger. Background gas: 4 to 5
units. Trip gas w/btms up: 70 units. AUG 21 1972

Mud: 12.5 x 52 x 5.4 (16#/bbl LCM)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
7" csg @ 11,087'

13,825/75/170/0. RU to run 5" liner. Circ and cond
mud from 12.2 to 12.5 ppg. Tripped out slowly allowing
hole to take proper fill-up.

Mud: 12.5 x 52 x 5.4 (16% LCM) AUG 22 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
5" liner @ 13,824'

13,825/75/171/0. Pulling out of hole. Ran 68 jts (2942') 5" 18# SFJ-P N-80 liner w/Burns plain type hanger, breaking circ @ 8190. Circ capacity of liner and running string @ 10,901. Lost 50 bbls mud. Circ out @ TD, having trouble breaking circ @ TD. No loss. Liner hung @ 13,824. Top of liner @ 10,881. Cmt'd w/ 350 sx Class "G" w/10% salt, 2% gel, 25#/sk Gilsonite and 0.5% retarder. Pumped 2 bbls mud in last 10 bbls slurry - leaking valve. Displaced w/130 bbls. Did not bump plug. Had no indication of shearing plug. Lost returns, losing 10 bbls of displacement. Hole remained full.

AUG 2 3 1972

Mud: 12.6 x 51 x 5.4 (16#/bbl LCM)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
5" liner @ 13,824'

13,825/75/172/0. Circ @ 10,881. Finished pulling out of hole w/liner setting tool. Ran in excess 3 1/2" DP and DC's. Picked up 3300' 2-7/8" SH EP and 3-1/16" DC, standing same in derrick. Tripped in hole to 9767, breaking circ @ 5000'. Circ and cond mud, shaking out LCM @ 9767. Tagged top of liner @ 10,881. No cmt above liner. No mud loss.

AUG 2 4 1972

Mud: 12.5 x 61 x 5.6

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
5" liner @ 13,824'

13,825/75/173/0. Prep to sqz top of liner. Circ @ top of liner. Had 15-20 bbls contaminated mud in btms up. Circ 9 1/2 hrs, shaking LCM out of mud. Attempted to press test csg to 2500 psi. Press'd to 2200 psi, bled off to 850 psi in 40 min. Ran dbl SLM - no correction. Ran 7" 26# RTTS to 10,762 and circ prior to sqzg top of liner.

AUG 2 5 1972

Mud: 12.5 x 48 x 5.6 (2% LCM)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
5" liner @ 13,824'

8/26: 13,825/75/174/0. Drilling cmt @ top of liner. RU B-J and Howco sqz manifold. Set tool @ 10,762. Broke down fm w/2000 psi. Pumped in 6 bbls mud @ 1-3/4 B/M @ 1600 psi. Mixed and sptd 100 sx Class "G" w/1% D-31. W/5 bbls wtr ahead and 2 bbls behind, closed tool 10 bbls early. Displaced cmt w/2 bbls wtr and 80.5 bbls mud. Tool should have cleared 1.5 bbls. Staged twice. Press built to 2500 psi. Attempted to reverse out w/o success. Attempted to pump down DP w/o success. (Time lapse 1 hr, 45 min.) Tool set @ 10,707. Pulled RTTS free, OK. Pulled plugged string, laying down 8 jts 3 1/2" cmt'd up pipe. Ran bit and scraper to 10,000'. While WOC, circ and shook out LCM. Tagged cmt @ 10,707 and started drlg firm cmt @ top of liner.

AUG 2 8 1972

Mud: 12.5 x 48 x 5.6 (3% LCM)

(Continued)

(Continued)

8/27: 13,825/75/175/0. Tripping in hole w/4-1/8" mill. Drld cmt to 10,882. Circ @ 10,880. Tested csg and liner top to 2500 psi for 1 hr w/B-J. Tripped out to change BHA. Mud: 12.4+ x 50 x 6.5 (1.5% LCM)

8/28: 13,825/75/176/0. Drilling FC @ 13,688. Finished trip in hole to 10,882. Milled out liner seal assembly from 10,888 to 10,889. Had rubber on top of same from unknown origin. Circ and worked scraper thru liner top several times. Tripped in hole, tagging soft cmt @ 13,365 and firm @ 13,383. (Was 5 bbls under-displaced on primary cmt job.) Drld cmt @ 13,688, tagging FC 2' high. AUG 28 1972

Mud: 12.5 x 51 x 6.8

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
5" liner @ 13,824'

13,825/75/177/0. PB 13,700. Milling cmt from 5" liner @ 13,700. Milled on plug and float from 13,688-689 w/o success. Laid down scraper and changed out mill. Reamed and worked thru liner hanger @ 10,882-889 - tight. Finished trip to 13,690. Milled on plug and float and milled thru same. Drld cmt from 13,690-13,700. Mud: 12.5 x 52 x 6.8 AUG 29 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Loffland #8
14,000' Wasatch Test
5" liner @ 13,824'

13,825/75/178/0. PB 13,800. Checking well for bleed-back. Drld cmt out of 5" liner to 13,800 and circ hole clean. RU B-J and tested csg to 2500 psi, OK. Displaced 12.5 ppg mud w/wtr until returns were clean. SI well 3 hrs to check for in-flow, OK. AUG 30 1972
Mud: wtr (8.3 ppg)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(D) Loffland #8
13,825' Wasatch Test
5" liner @ 13,824'

13,825/75/179/0. PB 13,800. Logging. Checked for inflow, OK. Press tested to 3800 psi, OK. RD B-J. Laid down DP and collars. Nippled up lubricator and started logging. AUG 31 1972
Mud: Wtr (8.3 ppg)

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(D) Loffland #8
13,825' Wasatch Test
5" liner @ 13,824'

13,825/75/180/0. PB 13,800. Running Baker Model "D" prod pkr to 10,870'. Ran Gamma Ray and collar log from 13,800 to 8500. WO Schl 9 hrs. Ran CBL and PDC logs under 3000 psi. SEP 1 1972

Shell-Phillips-Mtn Fuel
 Broadhead 1-21B6
 (D)
 13,825' Wasatch Test
 5" liner @ 13,824'

9/2: 13,825/75/181/0. PB 13,800. Running tbg. With Schl, ran Model "D" pkr on WL to 10,870. RD Schl. Nippled down 10" BOF. Nippled up 6" BOP and tested w/ wtr to 1000 psi for 15 min, OK. RU Baker tools and tripped in w/2-7/8" tbg. Press tested tbg to 7500 psi every 50 jts.

9/3: 13,825/75/182/0. RDRT. Ran tbg and stung into Model "D" pkr. Spaced out tbg. Displaced hole w/inhib wtr. Displaced tbg w/2% NaCl wtr. Latched into Model "D" and press'd tbg string to 7500 psi for 60 min, held OK. Changed BP valve and nipped down BOP stack. Nippled up WH and tested same to 10,500 psi, held OK. Ran tbg string as follows: 1 jt 2-7/8" EUE 8rd tbg, one 4" x 2-7/8" sub, 179 jts 2-7/8" tbg, Camco KBM mandrel w/2800# valve @ 5571, 168 jts 2-7/8" tbg, Camco KBM mandrel w/dummy @ 10,760, 3 jts 2-7/8" tbg, one 6' sub, Baker "EL" on-off tool, Baker anchor seal assembly, one 20' x 2-7/8" NU 10rd prod tube, plug holder w/plug, 351 jts total 2-7/8" EUE 8rd tbg for total of 10,796'.

9/4: 13,825/75/183/0. PB 13,800. RD&MORT. Released rig @ 2 PM, 9/3/72. (RDUFA) SEP 5 1972

Shell-Phillips-Mtn Fuel
 Broadhead 1-21B6
 (D)
 13,825' Wasatch Test
 5" liner @ 13,824'

TD 13,825. PB 13,800. (RRD 9/5/72)

9/10: Prep to AT. TP 610 psi. RU hot oil truck on 9/9. Prep to circ Armco P553 chem. Could not circ. RU WL truck. Pulled dummy valve from mandrel @ 5571. Circ 230 bbls chem. Installed valve in KBM mandrel @ 5571 w/2300# spring. Knocked out expendable tbg plug. RD hot oil truck and WL truck. RU OWP and perf'd 1 hole @ each of the following intervals w/undirectional magnetic decentralized steel tbg carrier gun using JRC jet charges:

Interval	TP	
13,752	150	(could not go deeper)
13,685	140	
13,677	140	
13,673	140	
13,645	200	
13,641	300	
13,635	300	

SEP 11 1972

RD OWP.

9/11: MICR. RU B-J. AT gross perms 13,635-13,752 w/ 10,000 gal 15% HCl. Each 1000 gal acid contained 20# G-5, 3 gal C-15, 3# G-7 and 3 gal J-20. Evenly distributed ten 7/8" ball sealers w/1.4 gravity) throughout acid. Flushed w/4800 gal FW w/each 1000 gal containing 155# NaCl and 20# G-57. Press'd annulus to 3500 psi.

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(Continued)

With 3032 gal in, balled out. Press to 11,000 psi. Ruptured from tbg to csg. SD. CP 5000 psi. Max press 11,000 psi, avg 9300 psi, min 8000 psi. Max rate 12.5 B/M, avg 9 B/M, min 3.5 B/M. ISIP 4600 psi, decr to 3300 psi in 5 min, to 3200 psi in 10 min, to 3100 psi in 35 min. RD B-J. RU Archer Reed WL Service. Set Otis plug in "N" nipple @ 10,868. Pulled valve from mandrel @ 5571. Displaced 5 bbls trtd wtr down annulus. Packing good on valve. Ran valve - could not get in KBM @ 5571. On last run, got into pocket, but packing tore up on one side of valve - valve would not latch. SEP 11 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(D) Western Oilwell Serv.
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. RUCR. Installed anchor eyes, dried location w/gravel, MI and started RU Western Oilwell Service #16. SEP 12 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(D) Western Oilwell Serv.
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Nippling down. Finished RU Western Oilwell Service. Installed BP valve in tbg. Removed Xmas tree, installed BOP and tested to 5000 psi. Removed BP valve and tested csg to 4000 psi, OK. Pulled tbg, finding split in side pocket of btm Camco mandrel. Laid down btm 31 jts of tbg due to acid damage. Ran new top half of on-off tool, 6' sub, 3 jts tbg, Camco KBM mandrel w/dummy @ 10,760', 168 jts 2-7/8" tbg, Camco mandrel w/2300# valve @ 5571, 179 jts 2-7/8" tbg, 8' sub, and 1 jt tbg, landing w/2000# set-down wt. Jayed off and displaced FW w/inhib wtr. Displaced ARCO chem to 5571'. Landed tbg and press tested to 7500 psi for 60 min, OK. Correction to 9/10 report: Circ ARCO P553 chem instead of Armco P553 chem. SEP 13 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(D) Western Oilwell Serv.
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing muddy wtr. Installed BP valve, removed BOP, installed 10,000# Xmas tree, removed BP valve and installed tbg plug. Press tested tree to 10,500# and removed tbg plug. RU WL truck. Pulled equalizer valve from Otis tbg plug. TP 1575 psi. Fished Otis plug and RD WL truck. Released rig @ 1:30 PM 9/13. Opened well to pit @ 4:45 PM w/1860 psi. Opened to 64/64" chk w/TP to zero in 5 min. Flowed approx 115 BLW in 13 hrs and 5 min, flowing approx 7 B/H last 2 hrs. (223 bbls load to rec). SEP 14 1972

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. Flowed 85 BLW in 24
Broadhead 1-21B6 hrs, leaving 138 bbls to rec. Last 2 hrs, flowed 2 B/H.
(D) Western Oilwell Serv. SEP 15 1972
13,825' Wasatch Test
5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800.
Broadhead 1-21B6 9/16: Flowing. Flowed 42 BLW in 24 hrs, leaving 96 BL
(D) Western Oilwell Serv. to rec. Last 2 hrs flowed 1.5 B/H.
13,825' Wasatch Test 9/17: Prep to RU coil tbg unit. Flowed 24 BLW in 24
5" liner @ 13,824' hrs, leaving 72 BLW to rec. Last 2 hrs flowed 1 B/H.
9/18: Well dead. RU Newsco coil tbg unit and nitrogen
unit. Displaced @ rate of 300 cu ft/min. Ran to 7000'
and displaced hole vol. Ran to 9000' and displaced hole
vol. Ran to 11,000' and displaced hole vol. Circ 1 hr.
Used 95,000 cu ft nitrogen. Load approx 1 B/H. Pulled
coil tbg unit - well dead. Flowed approx 75 BAW and mud.
Job complete 4 PM. Well open overnight. Well dead.
SEP 18 1972

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Running BHP. SEP 19 1972
Broadhead 1-21B6
(D) Western Oilwell Serv.
13,825' Wasatch Test
5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. SI for BHP. SEP 20 1972
Broadhead 1-21B6
(WC) Western Oilwell Serv.
13,825' Wasatch Test
5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. SI for BHP. SEP 21 1972
Broadhead 1-21B6
(WC) Western Oilwell Serv.
13,825' Wasatch Test
5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. SI for BHP. SEP 22 1972
Broadhead 1-21B6
(WC) Western Oilwell Serv.
13,825' Wasatch Test
5" liner at 13,824'

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Western Oilwell
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800.
9/23: SI. Pulled BHP.
9/24: SI.
9/25: Prep to AT. MI&RU OWP on 9/24 and perf'd the following w/2" undirectional magnetic steel tube carrier gun w/JRC charges (1 hole each interval): 11,108, 11,129, 11,311, 11,371, 11,504, 11,517, 11,623, 11,740, 12,032, 12,260, 12,302, 12,308, 12,763, 12,767, 12,895, 13,209, 13,216, 13,274, 13,269, 13,341, 13,413, 13,422, 13,444, 13,470, 13,481, 13,485, 13,506, 13,514, 13,524, 13,575 w/press from 1050 to 1230 psi. Perfs @ 11,517, 11,504 and 11,371 showed incr in press. SEP 2 5 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Western Oilwell
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Prep to flow. AT gross perfs 11,108-13,575 w/30,000 gal 15% HCl. Distributed forty-two 7/8" 1.4 gravity ball sealers throughout acid. Each 1000 gal acid contained 20# G-5, 3 gal C-15, 3# G-7 and 3 gal J-20. Flushed w/4800 gal FW w/each 1000 gal containing 165# NaCl and 20# G-5. Max press 9800 psi, min 7200 psi, avg 8200 psi. Max rate 12.5 B/M, min 1 B/M, avg 10 B/M. ISIP 3200 psi, decr to 3100 psi in 5 min, to 2900 psi in 10 min, and remaining @ 2900 psi in 15 min. Max HP 2700 psi, avg 2020. Three breaks from 100-300 psi. Good ball action. SEP 2 6 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Western Oilwell
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Backing down well w/diesel. SIP 1100 psi. Opened well to 30/64" chk, flowing 120 BAW and gas in 1½ hrs w/550 psi FTP. Opened well to 64/64" chk, flowing est 100 BO and 25 BW/H for 6 hrs w/550 psi FTP and stable. Turned to battery. Leveled out battery. Displaced annulus w/120 bbls ARCO chem. On 13-hr test, flowed 701 BO, 52 BW and 945 MCF gas on 18-15/64" chks w/1470-1640 psi FTP. SEP 2 7 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Western Oilwell
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. SI for BHP. On 2-hr test, well flowed 71 BO, 7 BW and 79 MCF gas on 15/64" chk w/1680 psi FTP and zero CP. SEP 2 8 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC) Western Oilwell
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. SI for BHP.
Correction to 9/25 and 9/27 reports: 9/25: Perf'd 13,296 instead of 13,269. 9/27: Displaced annulus w/120 bbls fluid mixed w/2 bbls ARCO chem instead of displacing annulus w/120 bbls ARCO chem and no wtr.

SEP 2 9 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800.

9/30: SI.

10/1: On 19-hr test, flowed 1069 BO, 67 BW and 1074 MCF gas on 14/64" chk w/1500 psi FTP and 1000 psi CP.

10/2: Flowing. On 24-hr test, flowed 1362 BO, 76 BW and 1406 MCF gas on 21/64" chk w/1200 psi FTP and 500 psi CP. OCT 2 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing. On 24-hr test, well flowed 1409 BO, 3 BW and 842 MCF gas on 20/64" chk w/1100 psi FTP and zero CP. OCT 3 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing. On 24-hr test, flowed 1591 BO, 65 BW and 1069 MCF gas on 22/64" chk w/900 psi FTP and 200 psi CP. OCT 4 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing. On 24-hr test, well flowed 541 BO, 21 BW and 188 MCF gas on 8/64" chk w/950 psi FTP and 450 psi CP. OCT 5 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing. On 24-hr test, well flowed 889 BO, 72 BW and 700 MCF gas on 20/64" chk w/900 psi FTP and 450 psi CP. OCT 6 1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing. On 24-hr tests, well flowed as follows:

Date	BO	BW	MCF Gas	Chk	FTP	CP	
10/7	972	48	745	20/64"	850	450	OCT 9
10/8	938	133	784	20/64"	750	450	
10/9	898	27	668	20/64"	700	400	

1972

Shell-Phillips-Mtn Fuel
Broadhead 1-21B6
(WC)
13,825' Wasatch Test
5" liner @ 13,824'

TD 13,825. PB 13,800. Flowing. On 24-hr test, well flowed 898 BO, 41 BW and 599 MCF gas on 20/64" chk w/600 psi FTP and 400 psi CP. OCT 10 1972

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. On 24-hr test, flowed
 Broadhead 1-21B6 803 BO, 37 BW and 599 MCF gas on 20/64" chk w/600 psi
 (WC) FTP and 400 psi CP. OCT 1 1 1972
 13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. On 24-hr test, flowed
 Broadhead 1-21B6 811 BO, 46 BW and 649 MCF gas on 40/64" chk w/250 psi
 (WC) FTP and 300 psi CP. OCT 1 2 1972
 13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. On 24-hr test, well
 Broadhead 1-21B6 flowed 881 BO, 43 BW and 738 MCF gas on 30/64" chk w/
 (WC) 400 psi FTP and 500 psi CP. OCT 1 3 1972
 13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. On 24-hr tests,
 Broadhead 1-21B6 well flowed as follows: OCT 1 6 1972
 (WC)

Date	BO	BW	MCF Gas	Chk	FTP	CP
10/14	1148	73	1041	30/64"	400	500
10/15	1048	61	1041	30/64"	375	500
10/16	1010	59	855	30/64"	350	525

13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. On 24-hr test, flowed
 Broadhead 1-21B6 902 BO, 52 BW and 762 MCF gas on 30/64" chk w/350 psi
 (WC) FTP and 525 psi CP. Cut wax. OCT 1 7 1972
 13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. Flowing. On 7-hr test, flowed
 Broadhead 1-21B6 197 BO, 13 BW and 48 MCF gas on 30/64" chk w/800 psi
 (WC) FTP and 300 psi CP. OCT 1 8 1972
 13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel TD 13,825. PB 13,800. SI. OCT 1 3 1972
 Broadhead 1-21B6
 (WC)
 13,825' Wasatch Test
 5" liner @ 13,824'

CASING AND CEMENTING

FIELD ALTAMONT WELL BROADHEAD 1-21B6 KB TO CHF 23.75'

Shoe jt started in hole 12:01 PM 3-28-72

Ran 126+pc jts 36# K-55 ST&C 9 5/8" csg to 4005'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
123+pc	36#	K-55	X	X	3882.07	KB-CHF 23.75	23.75 3905.82
		Halliburton self-fill float collar			2.30	3905.82	3908.12
3	36#	K-55	X	X	94.29	3908.12	4002.41
		Halliburton self-fill float shoe			2.77	4002.41	4005.18

126 jts (3981.43') Total
+pc

9 5/8" Float collar at 3905.82

9 5/8" Float shoe at 4002.41

No. Make & Type:

6 Halliburton B & W centralizers spaced at 3999, 3909, 3815, 3722, 3630, and 3537.

Cementing: (All cem Ideal "G")

Broke circ 5 PM w/300 psi. Reciprocated and circulated 30 min. With 30 bbls water ahead, cemented through shoe at 4005' w/300 sx 60:40 poz, 2% gel, and 250 sx Class "G" cement, 2% CaCl₂. Wt - 14.5-15.8#/gal. Mixing complete in 30 min. Press: Max 500, min 300, avg 400. Plug down 7:30 PM w/750-1750 psi. Bled back 1 bbl. Had good returns throughout job. Bradenhead sqzd 5 AM 3-29-72 w/150 sx Ideal "G" cem, no buildup.

C. A. SIMAR

CASING AND CEMENTING

FIELD ALTAMONT WELL BROADHEAD 1-21B6 KB TO CHF 23.75'

Shoe jt started in hole 11 AM 6-14-72

Ran 256 jts 26# S-95 LT&C 7" casing to 11,087'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>LT&C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
					23.75	KB	23.75
256	26#	S-95	X	X	11,127.75	23.75	11,087.00
			Off Bottom		30.00	11,087.00	11,117.00

256 jts Total

Top of Hallib collar (2.07') at 10,994.86

Top of Hallib shoe (2.33') at 11,084.67

No. Make & Type:

6 B & W centralizers spaced 5' above float shoe and every 90' to 10,635.

Cementing:

Broke circ at 11 PM 6-14-72. Reciprocated and circ 90 min. With 10 bbls water ahead, cemented through shoe at 10,997' w/50 sx 60:40 poz, followed by 300 sx Class "G" Neat cmt containing 16% CaCl₂ and .3% HR-4. Mixing complete in 10 min. Max psi - 800. Displaced at 1.5 B/M. Plug down 12:45 PM 6-15-72. Went over displacement - 12 bbls. Plug did not bump. Float held ok.

K. L. PAYNE

CASING AND CEMENTING

FIELD ALTAMONT WELL BROADHEAD 1-21B6 KB TO CHF 21.20'

Shoe jt started in hole 7 AM 8-22-72

Ran 68 jts N-80 SFJ-P 18# 5" liner to 13,824'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>SFJ-P</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
	18#	N-80	Burns Plain	X	6.52	10,881.75	10,888.27
	18#	N-80	Seal Sub	X	1.00	10,888.27	10,889.27
65	18#	N-80	X	X	2800.85	10,889.27	13,690.12
	18#	N-80	Self Fill Collar		1.70	13,690.12	13,691.82
3	18#	N-80	X	X	129.92	13,691.82	13,821.74
	18#		Diff Fill Shoe		2.27	13,821.74	13,824.01

68 jts (2942.26') Total

Howco Diff Fill collar at 13,691.82

Howco Diff Fill shoe at 13,824.01

No. Make & Type:

6 B & W centralizers (4 B & W at 13,819, 13,690, 13,561, & 13,430, and 2 solid type at 10,973 and 11,056.)

Cementing:

Broke circ 11 AM w/800 psi. Reciprocated and circ 3 $\frac{1}{4}$ hrs. With 5 bbls water ahead, cemented through shoe at 13,824 w/350 sx Class "G", 10% salt, 2% gel, 25#/sx Gilsonite and .5% retarder. Wt. 11-15#/gal. Pmpd 2 bbls mud in last 10 bbls slurry - leaking valve. Displaced w/130 bbls. Did not bump plug. Mixing complete in 20+ min. Press - Max 2,000, avg - 1000. CIP 12:30 PM. Final press 350. Bled back to 0, 1/4 bbl.

C. A. SIMAR

Shell-Phillips-Mtn Fuel- TD 13,825. PB 13,800. SI. RU Newsco. OCT 2 9 1972
 Broadhead 1-21B6
 (WC)
 13,825' Wasatch Test
 5" liner @ 13,824'

Shell-Phillips-Mtn Fuel- TD 13,825. PB 13,800. OIL WELL COMPLETE. On various
 Broadhead 1-21B6 tests, well flowed as follows from the following
 (WC) Wasatch, Flagstaff and North Horn Transition perms:
 13,825' Wasatch Test 11,108, 11,129, 11,311, 11,371, 11,504, 11,517, 11,623,
 5" liner @ 13,824' 11,740, 12,032, 12,260, 12,302, 12,308, 12,763, 12,767,
 12,895, 13,209, 13,216, 13,274, 13,296, 13,341, 13,413,
 13,422, 13,444, 13,470, 13,481, 13,485, 13,506, 13,514,
 13,524, 13,575, 13,635, 13,641, 13,645, 13,673, 13,677,
 13,685, 13,752:

Report Date	BO	BW	MCF Gas	Chk	FTP	CP
10/21 10-hrs	379	58	180	16/64"	400	500
10/22 24-hrs	501	69	402	20/64"	400	1250
10/23 24-hrs	554	91	469	20/64"	400	1050

Oil Gravity: 45.2° API @ 60°F
 Test Date: 10/22/72. Initial Prod Date: 9/26/72.
 Elev: 6120 GL, 6142 KB

Log Tops: TGR-3 8,345 (-2203)
 U. WASATCH TRANSITION 9,900 (-3758)
 WASATCH 10,090 (-3948)
 L. WASATCH TRANSITION 12,400 (-6258)
 FLAGSTAFF 13,390 (-7248)
 NORTH HORN TRANSITION 13,650 (-7508)

This well extends Altamont field four miles westward
 into T2S-R6W where Shell owns approximately 3/4 of the
 acreage.

FINAL REPORT. OCT 2 3 1972

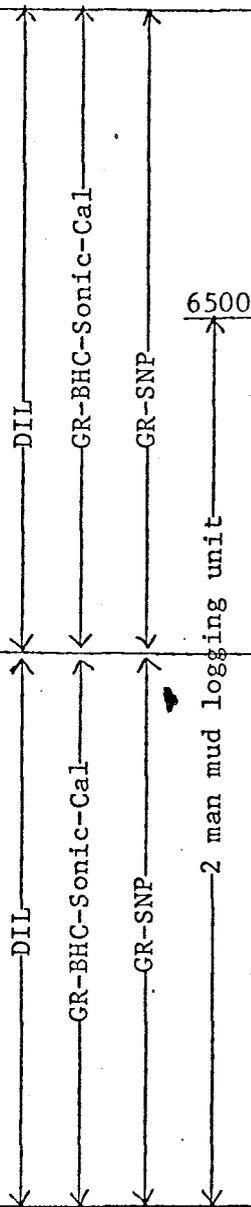
DRILLING WELL PROGNOSIS

WELL NAME Broadhead 1-21B6
 TYPE WELL Exploration Department
 FIELD/AREA Northern Uinta Basin

APPROX. LOCATION (SUBJECT TO SURVEY) NE 1/4 Section 21-T2S-R6W Duchesne County, Utah

EST. G. L. ELEVATION 6120 PROJECTED TD 13,000 OBJECTIVE Wasatch

HOLE SIZE	CASINGS PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
24"	20"		1°	Uinta-Duchesne R. 200'	SAMPLES: 30' from 1500' to 6000' 10' from 6000' to TD
12 1/4"	9 5/8"		2°	1500'	CORES: 120' core plus 1 tricore
				GR Zone 1 3420 (+2700)	DST'S: 1 - Green River Zone 3 4 - Wasatch
				GR Zone 2 6670 (-550)	DEVIATION CONTROL As noted on max dev. plus dogleg severity not to exceed 1 1/2° per any 100' interval.
				GR Zone 3 8120 (-2000)	CEMENT 20" csg - circ Class "G"
8 3/4"	7"		7°	Wasatch 9720 (-3600) 11,500'±	See csg & cmt'g prognoses for 9 5/8" & 7" casings.
					Sfc - 8000'± Basically fresh water 8000'-11,500'± Low solids - nondispersed 11,500'-TD Weighted - nondispersed
5 1/8"	5" if req'd		10°	13,000' TD	See mud program for additional details



ORIGINATOR: D. E. Smith DATE 9/16/71

ENGINEERING APPROVAL: [Signature]

PETROLEUM: [Signature]

OPERATIONS: [Signature]

OPERATIONS APPROVAL: [Signature]
 DIV. DRILLING SUPT.

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		DIL GR-BHC-Sonic-Cal GR-SNP		GR Zone 1 3420 (+2700)	DST'S: 1 - Green River Zone 3 4 - Wasatch
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5 1/8"	5" if req'd		10°	13,000' TD	See mud program for additional details

ORIGINATOR: D. E. Smith DATE 9/16/71

ENGINEERING APPROVAL: [Signature]

PETROLEUM: [Signature]

OPERATIONS: [Signature]

OPERATIONS APPROVAL:

[Signature]

DIV. DRILLING SUPT.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 540' FNL & 2610' FEL Section 21		8. FARM OR LEASE NAME Broadhead
14. PERMIT NO.		9. WELL NO. 1-21B6
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6142 KB		10. FIELD AND POOL, OR WILDCAT North Uinta Basin
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 NE/4 Section 21-T2S-R6W
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.)*		12. COUNTY OR PARISH Duchesne
18. I hereby certify that the foregoing is true and correct		13. STATE Utah

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

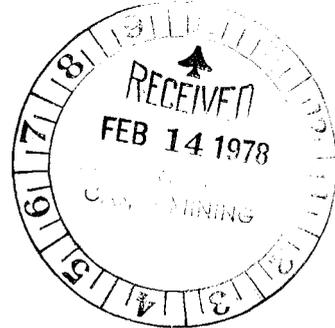
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

<table border="0" style="width:100%;"> <tr> <td style="width:50%;">TEST WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>		<table border="0" style="width:100%;"> <tr> <td style="width:50%;">WATER SHUT-OFF <input type="checkbox"/></td> <td style="width:50%;">REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input checked="" type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <input type="checkbox"/>	
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(Other) <input type="checkbox"/>																			

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

See attachment



APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Feb. 16, 1978

BY: P. L. ...

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

SIGNED P. L. ... TITLE Div. Opers. Engr. DATE FEB 08 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

PERFORATE & ACID TREAT

NORTH UINTA BASIN

SHELL-PHILLIPS-MOUNTAIN FUEL

LEASE BROADHEAD

WELL NO. 1-21B6

DIVISION WESTERN

ELEV 6142 KB

FROM: 12/17/76 - 1/16/78

COUNTY DUCHESNE

STATE UTAH

UTAH

~~ALTAMONT N. UTAH~~
Shell-Phillips-
Mtn. Fuel
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. "FR" AFE 526197 provides funds to set CIBP & pkr, perforate & acid treat. MTRU WOW #17. Rev. circ 500 bbls hot H2O. Pull 4200' rods. DEC 17 1976

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. 12/17 Circ'd 200 bbls hot wtr & pulled rods & pmp. Drop'd SV & chased to btm w/sinker bars & sdline. Chngd tools to pull 2-7/8 tbg & installed BOP's; tbg would not press test. SI for night. 12/18 Pulled 2-7/8 tbg; tbg split & rod cut. Press'd tbg in hole to 2000# & split tbg again @ 9575'. Pulled rest of tbg. RIH 4500' & pulled & LD tbg. SI well. DEC 20 1976

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Pulled & LD 5-1/2 heat string. RIH w/pkr picker on 2-7/8 tbg. SI for night.

DEC 21 1976

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. RIH w/pkr picker & tag'd pkr. PU power swivel & SI for night.

DEC 22 1976

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

DEC 27 1976

TD 13,825. PB 13,800. 12/22: Circ 100 bbls H2O. Milled 4-1/2 hrs. POOH. Safety jt broken. Picked up new tool & RIH. SI for night. 12/23: Milled on pkr for 1-1/2 hrs. Pkr came loose. POOH w/pkr. RIH 4-1/2" FB mill. Bottom of the pkr broke off in hole.

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Finished running 2-7/8" tbg & mill. Milled for 2 hrs & dropped through. Ran mill down to 13,000' w/no problems. Circ. 300 bbl H2O. POOH. SI for night. DEC 28 1976

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Finished pulling 2-7/8" tbg. RIH w/CIBP & set @ 12,722'. FA pkr set @ 10,985'.

DEC 29 1976

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. RIH 5" seal assembly & 2-7/8"
tbg. SI for night. JAN 30 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. 12/30 Press tested tbg to 2000#;
would not hold. Drop'd SV & press tested tbg to 7500#, ok.
Tbg ok from 10,368 to sfc. Retrieved SV & pulled tbg. SI
for night. 12/31 Installed SN & RIH btm 527' of tbg. Press
tested to 7500#, ok. Removed SN & RIH new seal assembly &
latched into pkr. Press'd to 2000#; tbg would not hold.
Unable to tell if csg is circ. Filled csg & press'd to 1500#,
held ok. Pmp'd down tbg w/no circ out csg. SI for night.

JAN 30 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. MI&RU HOT. Press'd csg to 3500#,
ok. Pmp'd down tbg @ 3 B/M @ 2000#. Unlatched from pkr.
Circ'd frh inh'd wtr to fill csg. Latched into pkr,
removed BOP's & installed 10,000# tree. MI WL trk & KO
Bkr plug. POOH & press tested csg to 3000#, ok. SI for
night.

JAN 04 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Run'g 72-hr BHPB. RD&MO Western.
Rig #19 1/4/77.

JAN 05 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI for BHPS.

JAN 06 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI for BHPS.

JAN 07 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. MI&RU BJ. Pmp'd 40 bbls dbl-inh'd
wt'd acetic acid foll'd by 34 BW & 20 bbls diesel @ 6 B/M
@ 4000#. SI; prep to perf.

JAN 10 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. MI&RU OWP. On 1st run perf'd
12,668-12,247 (33 holes), 2nd run 12,235-11,810 (33 holes),
3rd run 11,798-11,376 (33 holes) & 4th run 11,365-11,112
(22 holes). Perf'd total of 121 holes. Press remained @
0 on every run. RD&MO OWP. SI for night.

JAN 11 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. BJ pmp'd 595 bbls 15% HCl acid
from 11,108-12,670 (121 new & 12 old perfs). Max rate 12
B/M, min 7, avg 10. Max press 8500 psi, min 5000, avg
7000. ISIP 3700#, 5 mins 3500, 10 mins 3400, 15 mins 3350,
1.5 hrs 1700. Held 3000# on csg. RD&MO BJ. MI&RU OWP &
ran RA log; indicated 90% trtmt. RD&MO OWP. SD for night.

JAN 12 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Well would not flw; press 0.
Left SI to run BHP.

JAN 13 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SIP 0. MI&RU HOT & backed well down
w/40 bbls diesel. Well press up to 1350# after pmp'g 10
bbls. SI well for BHP.
(Report discontinued until further activity)

JAN 14 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. (RRD 1/14/77) Pulled BHPB & chng'd
tree. SIP 300 psi. Prep to flw back.

JAN 18 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SIP 300 psi. Opened well to bty
& bled off immediately. Well would not flw diesel back.
Turned well over to prod.

JAN 19 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. No test this date due to PHARA
problems.

JAN 20 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI.

JAN 21 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI.

JAN 24 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI.

JAN 25 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI.

JAN 26 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI.

JAN 27 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Pmp'd 40 bbls diesel down tbg.
MI&RU CWS #8. Disconnected flwline & removed tree. RU
WH to run rods. RIH w/1-1/2 pmp, 180 3/4" & 60 7/8"
Electra E rods. SD for night.

JAN 28 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Bled off press & ran 63 7/8" & 115
1" Electra E rods. Hung polish rod, spaced out & clamped
off. Prep to set pmp'g unit on foundation & turn over to
prod. Released rig 1/28/77.

JAN 31 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 18 BO, 57 BW,
3 MCF gas w/30 psi.

FEB 01 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 40 BO, 71 BW,
4 MCF gas w/30 psi.

FEB 02 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 40 BO, 22 BW,
4 MCF gas w/30 psi.

FEB 03 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 47 BO, 0 BW,
4 MCF gas w/30 psi.

FEB 04 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
<u>2/4:</u>	24	36	31	4	30
<u>2/5:</u>	24	33	104	4	30
<u>2/6:</u>	24	36	74	4	30

FEB 07 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 42 BO, 60 BW,
4 MCF gas w/30 psi.

FEB 08 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 37 BO, 0 BW,
2 MCF gas w/30 psi.

FEB 09 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 24 BO, 87 BW,
2 MCF gas w/30 psi.

FEB 10 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 30 BO, 2 BW,
2 MCF gas w/30 psi.

FEB 11 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
<u>2/11:</u>	24	43	90	2	30
<u>2/12:</u>	24	36	86	2	30
<u>2/13:</u>	24	0	90	2	30

FEB 14 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 19-hr test, prod 0 BO, 2 BW,
2 MCF gas w/30 psi.

FEB 15 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 201 BO, 111 BW,
2 MCF gas w/30 psi.

FEB 16 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 10 BO, 111 BW,
2 MCF gas w/30 psi.

FEB 17 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 47 BO, 58 BW,
2 MCF gas w/30 psi.

FEB 18 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. 2/19: Lse Expense provides funds
to pull tbg & install perf tbg below pump. 2/21: Pulled
& unseated pump, pumped 100 bbls hot H2O, pulled pump.
Released pkr & pulled 4750' tbg. SI for night.

FEB 22 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Fin'd pull'g 2-7/8 tbg. PU
redressed seal assembly. Installed 6' perf sub, tbg disc,
6' perf sub, another tbg disc & pmp seat'g nip. Chng'd
BOP's & tools to run rods. SI for night.

FEB 23 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Ran & seated new pmp. Filled
tbg w/wtr & press'd to 500 psi, ok. Connected WH to
flowline.

FEB 24 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Released WOW #19 2/24/77. Turned
well over to prod. FEB 25 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
<u>2/25:</u>	24	78	0	1	30
<u>2/26:</u>	24	1	255	1	30
<u>2/27:</u>	24	83	169	2	30

FEB 28 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 3 BO, 1 BW,
0 MCF gas w/30 psi.

MAR 01 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 3 BO, 1 BW,
0 MCF gas w/30 psi.

MAR 02 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
1 MCF gas w/0 psi.

MAR 03 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 7 BO, 0 BW,
1 MCF gas w/0 psi.

MAR 04 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 60 BO, 0 BW,
0 MCF gas w/0 psi.

MAR 07 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
<u>3/4:</u>	24	1	204	0	0
<u>3/5:</u>	24	3	160	0	0
<u>3/6:</u>	24	51	43	0	0

MAR 08 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 19 BO, 1 BW,
0 MCF gas w/0 psi.

MAR 09 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Gauges not available.

MAR 10 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 53 BO, 80 BW,
4 MCF gas w/50 psi.

MAR 11 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 111 BO, 9 BW,
4 MCF gas w/50 psi.

MAR 14 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 85 BO & 1 BW.

MAR 15 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. (Report discontinued until further activity)

MAR 16 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. (RRD 3/16/77) MI&RU CWS #76. Pmp'd hot wtr down backside to try to soften paraffin to free rods. Stroked pmp & rods for remainder of day, but did no good. Pmp'd approx 600 BW this date (7/20).

JUL 21 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Tried to pmp diesel & work rods up & down while pmp'g, but had no success. Ran pmp back to btm to back off. Backed off rods & got 17 rods the 1st time. Released tbg from pkr & pulled 14 jts. Backed rods off again & got only 1. Backed off again & got 17. Pulled 14 more jts tbg & SD for night.

JUL 22 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. 7/22 Strip'd rods & tbg down to 1700'; get'g very hvy plugs of paraffin. After pmp'g & press'g up to 2600#, finally brk thru. Circ'd 100 BW & pulled all rods & pmp. Installed BOP's & ran all tbg back in hole. Pmp'd 25 bbls diesel to flush tbg. SI well. 7/23 Latched into pkr & landed on donut w/16,000# tension. Flushed tbg w/150 bbls hot wtr. RIH w/new pmp, 180 3/4", 123 7/8" & 112 1" rods. Spaced out & chk'd pmp, ok. Turned over to prod. Released rig.

JUL 25 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 15-hr test, prod 6 BO, 4 BW, 1 MCF gas w/50 psi.

JUL 26 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 13 BO, 118 BW, 1 MCF gas w/50 psi.

JUL 27 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 8 BO, 125 BW, 9 MCF gas w/50 psi.

JUL 28 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. On 6-hr test, prod 0 BO, 24 BW, 2 MCF gas w/100 psi.

JUL 29 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. SI.

AUG 01 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. 7/29-31 Had 0 prod.

AUG 02 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 03 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 04 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 05 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf, & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 08 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 09 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 10 1977

Shell-Phillips-Mtn. Fuel
Broadhead 1-21B6

TD 12,400. PB 12,290. On 20-hr test, prod 137 BO,
899 BW, 207 MCF gas w/250 psi.

AUG 11 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod. (Corr to rept of
8/11/77 - should have read: Had 0 prod.)

AUG 12 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 prod.

AUG 15 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT)

TD 13,825. PB 13,800. Had 0 rod.

AUG 16 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. Lse exp provides funds to fish prt'd rods & chng pmp. MI&RU CWS #25. Pmp'd 200 bbls hot wtr down csg. Pulled 55 1" rods; prt'd in 1" rod. SD for night. 8/16 Tried fish'g prt 3 times w/o success. RIH w/new fish'g tool. Latched onto fish & unseated pmp. Pmp'd 30 bbls diesel down tbg. Pulled 1" rods out of hole. SD overnight. (Hvy wax in rods)

AUG 17 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. Pmp'd 25 BW down tbg & 100 bbls hot wtr down csg. Fin'd pull'g rods. Ran new 1-1/2" pmp, 179 3/4", 123 7/8" & 113 1" rods. Repl'd 12 1" rods. Press tested tbg to 250 psi, ok. Released CWS #25 8/17. Turned well over to prod.

AUG 18 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. Gauge not available.

AUG 19 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. Well had not prod since 8/17/77. Pumped 100 bbls prod wtr down tbg without pressuring up. Pump unseated or hole in tubing. Will lower rods.

AUG 22 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. No report.

AUG 23 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. No report

AUG 24 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. No report.

AUG 25 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. No report.

AUG 2 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. No report.

AUG 2 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. No report.

AUG 3 0 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Perf & AT & fish prt'd
rods)

TD 13,825. PB 13,800. (Report discontinued until further
activity)

AUG 3 1 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. AFE #570967 provides funds to pull
prod equip, CO, isolate, reperf & stim. 10/13 MI&RU WOW
#12. Pmp'd 150 bbls hot prod wtr down csg, worked & un-
seated pmp. Pmp'd 50 bbls prod wtr down tbg, worked rods &
POOH. Pulled 112 1", 125 7/8" & 179 3/4" rods & pmp.
10/14 No press. Circ'd 350 bbls hot prod wtr down tbg.
Rec'd 300 bbls oil from csg to pit; POOH. Pulled 1 jt, 1
4' pup, 1 10' pup, 335 jts, SN, 17 jts, 4' perf sub, 1 jt
& 4' perf sub & seal assy. Made up 5" pkr picker & RIH.
Tested to 3400-4000# every 1000-1500' down to 8000' & SI
well.

OCT 1 7 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. SITP & SICP 0. RIH & tested tbg
to 4000 psi, ok. Made 2 runs to POOH w/SV. Milled up
pkr & CO to 12,430. POOH 1000' & SD overnight.

OCT 1 8 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Set CIBP @ 12,400 & FA pkr @ 12,210.
RIH w/tbg to 12,210, spaced out & SD for night.

OCT 1 9 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Circ'd 120 bbls prod wtr down back-
side. Put on 10,000# tree & RU OWP. Made 3 perf'g runs
w/2-1/8 bi-wire gun w/24 grm chrgs. Run #1 - 12,342-12,334
(18 holes), 12,327-12,323 (10 holes); 2 holes/ft. Run #2 -
12,311-12,299 (26 holes). Run #3 - 12,267-12,252 (32 holes).
RD&MO OWP & SD overnight. No press incr while perf'g.

OCT 2 0 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. MI&RU BJ & pmp'd 1000# Benzoic Acid Flakes in w/20 bbls prod wtr down annulus containing G5. Chased w/300 bbls prod wtr after est'g inj rate of 10 B/M @ 500#. After acid flakes, 1500# @ 1/2 B/M. Acdz'd gross perfs 12,221-12,342 (106 holes) w/2500 gals 15% HCl & 3% HF mud acid. Drop'd 45 ball sealers & 250# Button Unibeads. Flushed w/3500 gals prod wtr. ISIP 3500 psi, 5 mins 2800, 10 mins 2300, 15 mins 2000. Max pmp press 4800 psi, min 4300, avg 4400. Max rate 2.9 B/M, min 2.3, avg 2.6. Note: After starting to pmp acid, pmp'd 3 bbls & communicated w/annulus. Drop'd 5 ball sealers, but communication cont'd thruout acid job. After obtaining SIP, pmp'd 30 bbls prod wtr down backside. TP & CP 3000; 1/2 hr TP 1200 & CP 1000. After 2 hrs, 0 press. Removed tree & installed BOP. Pulled 7900' & SD for night.
OCT 21 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Fin'd POOH. RIH w/pkr picker & milled up pkr. Started out of hole. SI well. OCT 24 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. POOH & LD pkr picker & remains of pkr. RIH w/mill to top of CIBP @ 12,400. Milled over BP & circ'd to clean up. Ran 2 jts 2-7/8 tbg & SI well.

OCT 25 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Ran mill to 12,675 & milled 21' in 3 hrs. Spt'd 10 bbls 15% HCl dbl-inh'd. Pulled tbg to liner top & bullheaded 60 bbls down well. Ran mill back to 12,722 (top of CIBP) & resumed mill'g. Milled 1-1/2 hrs on CIBP & made nothing. POOH to chng mill. Pulled 1500' & SD for night.

OCT 26 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. POOH w/mill; mill completely worn out & prt of top CIBP stuck inside mill. PU new mill & RIH. Milled on CIBP @ 12,722 for 1 hr. Circ'd btms up & SI well for night.

OCT 27 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Milled CIBP & ran mill to 13,100. Hit bridge and/or scale. CO to 13,650; very hard @ 13,650. Spt'd 10 bbls 15% HCl. Pulled up 700' & waited 1/2 hr on acid. Bullheaded in 50 bbls prod wtr & ran mill back to 13,650. Milled 1-1/2 hrs & did not make any footage. AW w/30 bbls 15% HCl dbl-inh'd. Started POOH. SD for night.

OCT 28 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. 10/28 POOH & LD mill. PU 1 jt 2-7/8 tbg w/collar down, Bkr 7" tbg anchor catcher, tbg disk in collar, 2 4' perf'd tbg pups & +45 SN & RIH. Tbg tail @ 10,875. Set AC & landed tbg w/18,000# tension. Removed BOP's & installed pmp'g WH. PU 1-1/2" pmp & RIH. Ran 30 rods & SI for night. 10/29 Fin'd RIH w/rods & pmp. Press'd tbg to 500 psi, ok. Spaced out rods. Released rig 2 p.m. 10/29/77.

OCT 31 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Gauge not available.

NOV 01 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Gauge not available.

NOV 02 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. SI.

NOV 03 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24 hr test well prod 84 BO,
40 BW, 30 MCF/gas w/100 psi. 11/4/77

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 134 BO, 45 BW,
75 MCF gas w/50 psi.

NOV 07 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
11/4	24	200	0	15	50
11/5	24	0	0	15	50
11/6	24	124	55	15	100

NOV 08 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 65 BO, 0 BW,
15 MCF gas w/50 psi.

NOV 09 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 177 BO, 0 BW,
15 MCF gas w/50 psi.

NOV 10 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. MI&RU WOW #12. Tried to pmp down
tbg; could not. PU on rods; rods not prt'd. Pulled 8000-
10,000# over string wt & unseated pmp. Plunger seems to be
stuck. Pmp'd 10 bbls prod wtr down tbg; tbg went on vac.
Put on rod strip'r & pmp'd 85 bbls 185 deg prod wtr.
Started out of hole w/rods & pmp'd 55 bbls hot prod wtr
while pull'g. Pulled 109 1" & 125 7/8" rods & SD for night.

NOV 11 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. 11/11 Pmp'd 50 bbls 180 deg prod
wtr down tbg & pulled 197 3/4" rods & pmp. RIH w/rods &
pmp & spaced out. Stroked pmp, ok. Press tested ok.
RD&MO.

NOV 12 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Gauge not available.

NOV 15 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 123 BO, 40 BW,
150 MCF gas w/50 psi. NOV 16 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
11/13	24	62	96	15	50
11/14	24	278	49	15	90
11/15	24	157	110	15	100

NOV 17 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Well off prod w/parted rods.
Attempting to make well flw up tbg while WO rig.

NOV 18 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Attempt'g to make well flw up tbg.

NOV 21 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
11/18	24	3	0	0	300
11/19	24	2	0	0	50
11/20	24	0	0	0	50

NOV 22 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 406 BO, 0 BW,
150 MCF gas w/50 psi.

NOV 23 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 157 BO, 115 BW,
150 MCF gas w/150 psi. NOV 28 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
11/24	24	143	207	150	150
11/25	24	146	220	150	100
11/26	24	185	9	120	50
11/27	24	83	268	120	50

NOV 29 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 60 BO, 234 BW,
72 MCF gas w/50 psi. NOV 30 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 254 BO, 0 BW,
60 MCF gas w/75 psi. DEC 01 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 143 BO, 0 BW,
72 MCF gas w/50 psi.

DEC 0 2 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 90 BO, 0 BW,
72 MCF gas w/50 psi.

DEC 0 5 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/2	24	0	0	0	20
12/3	24	186	0	0	0
12/4	24	3	0	0	20

DEC 0 6 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 111 BO, 0 BW,
35 MCF gas w/30 psi.

DEC 0 7 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 35 BO, 0 BW,
35 MCF gas w/20 psi.

DEC 0 8 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. SI.

DEC 0 9 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. SI.

DEC 1 2 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 16-hr test, prod 225 BO, 0 BW,
14 MCF gas w/50 psi.

DEC 1 3 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
12 MCF gas w/0 psi.

DEC 1 4 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
12/11	24	221	0	110	100
12/12	24	0	0	6	50
12/13	24	0	0	0	50

DEC 1 5 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 208 BO, 0 BW,
24 MCF gas w/50 psi.

DEC 1 6 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 10 BO, 0 BW,
6 MCF gas w/35 psi.

DEC 19 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
12/16	24	9	0	6	40
12/17	24	176	0	6	20
12/18	24	21	0	0	20

DEC 20 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
6 MCF gas w/45 psi.

DEC 21 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 211 BO, 0 BW,
24 MCF gas w/45 psi.

DEC 22 1977

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
11 MCF gas w/20 psi.

DEC 27 1977

Shell-Phillips
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT) DEC 28 1977

TD 13,825. PB 13,800. On various tests well prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
12/22	24	0	0	11	20
12/23	24	200	0	42	50
12/24	24	0	0	6	50
12/25	24	0	0	11	45
12/26	24	185	0	46	45

Shell-Phillips
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24 hr test well prod
5 BO, 0 BW, 6 MCF gas w/43 psi press.

DEC 29 1977

Shell-Phillips
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24 hr test well prod
0 BO, 0 BW, 0 MCF gas w/43 psi press.

DEC 30 1977

Shell-Phillips
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On various tests well prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
12/29	24	0	0	46	20
12/30	24	0	0	0	20
12/31	24	0	0	0	20
1/1	24	0	0	0	20

JAN 1 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
0 MCF gas w/20 psi.

JAN 04 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW, 0
MCF gas w/20 psi.

JAN 05 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
0 MCF gas w/20 psi.

JAN 06 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 0 BO, 0 BW,
0 MCF gas w/0 psi.

JAN 09 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test 12/6, prod 0 BO,
121 BW, 46 MCF gas w/50 psi. On 24-hr test 12/7, prod
0 BO, 262 BW, 46 MCF gas w/50 psi.

JAN 10 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test 1/8, prod 398 BO,
163 BW, 54 MCF gas w/100 psi. On 24-hr test 1/9, prod 88
BO, 155 BW, 54 MCF gas w/65 psi.

JAN 11 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. On 24-hr test, prod 116 BO, 170 BW,
54 MCF gas w/70 psi.

JAN 12 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Gauge not available.

JAN 13 1978

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Reperf & AT)

TD 13,825. PB 13,800. Well returned to beam pumping
1/6/78, averaged 104 BOPD & 244 BWPD.
FINAL REPORT

MEMORANDUM
OF CALL

TO

Clean Freight

YOU WERE CALLED BY— YOU WERE VISITED BY—

OF (Organization)

PLEASE CALL → PHONE NO. _____
CODE/EXT. _____

WILL CALL AGAIN IS WAITING TO SEE YOU

RETURNED YOUR CALL WISHES AN APPOINTMENT

MESSAGE

*From USSS
Shell
1-21-66*

RECEIVED BY

DATE

TIME

Fac w/in 25 ft of well - } Prod. is trucked
out Fairly isolated Just off county
road about 150 ft.

- 2 - 1,000 barrel Tanks - Storage
- 1 - 15' x 4 1/2' treater
- 1 - 250 barrel storage tank for Trace System
- 1 - 3' x 2' Line Heater
- 2 - small recirc pumps (elect.) 1 - for trace system
1 - for oil system
- 1 - 20' x 20' x 5' production pit w/ 4 strand
barb wire
fence -
- 1 - 5' x 4' shipping pump
- 1 - Loading facility
- 1 - temporary 500 barrel storage tank.
- 1 - 500 gal propane tank - PU
- 1 - 750 gal propane tank - Line Heater
- 1 - Mark II Lufkin 456 w/ 805 MM engine
powered by propane - 12' stroke - 2 ball clamp
- 2 - 55 gal drums of Shell rotella SAE
30 motor oil w/ 5 gal parts
- 3 - 20 lbs. Dry powder fire extinguishers
- 4 - deadmen w/ 2" locators extending 3' to 5'
- 1 - 300 gal glycol tank -
- 1 - 15 gal lube oil supply reservoir for
engine
- 1 - 3 phase Hi voltage onto house reduced
to ~~440~~ 220 volt single phase. Also 110

Well is shut-in at present

1/20/75

[No measuring facilities for gas.]

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Shell Oil Company</p> <p>3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 540' FNL and 2610' FEL Section 21</p> <p>14. PERMIT NO. 43-013-30100</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Broadhead</p> <p>9. WELL NO. 1-21B6</p> <p>10. FIELD AND POOL, OR WILDCAT No. Uinta Basin</p> <p>11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA NW/4 NE/4 Section 21-T2S-R6W</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>18. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6142 KB</p>	

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

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

As per attached report

2 cc: USGS - Salt Lake City, Utah

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

SIGNED J.S. Mize TITLE Division Operations Engr. DATE 8/14/74

(This space for Federal or State office use)

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

CONVERT TO PUMPING WELL
SHELL OIL COMPANY

NORTH UINTA BASIN

LEASE	BROADHEAD	WELL NO.	1-21B6
DIVISION	WESTERN	ELEV	6142 KB
COUNTY	DUCHESNE	STATE	UTAH
LOCATION	NW/4 NE/4 SECTION 21-T2S-R6W		

5/2/74 - 7/16/74

UTAH

ALTAMONT

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Convert flwg well
to pmpg well)

"FR" TD 13,825. PB 13,800. AFE #410644 provides funds to convert flowing producer to pumping well. MI&RU Western Oilwell Service rig #17 on 5/17/74.

MAY 20 1974

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Convert flwg well
to pmpg well)

TD 13,825. PB 13,800. Pulling prod eqmt. Unseated pkr and circ hole w/prod trtd wtr. Circ out oil and gas and started pulling prod eqmt.

MAY 21 1974

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Convert flwg well
to pmpg well)

TD 13,825. PB 13,800. Prep to pick up prod eqmt. Finished pulling out of hole, laying down Camco mandrels. Installed BPV, removed tbg spool and installed and tested BOP to 5000 psi. Removed BPV. Picked up 107 jts 5-1/2" K-55, 14# csg w/Type I special turned down cplgs w/tail at 4312.

MAY 22 1974

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Convert flwg well
to pmpg well)

TD 13,825. PB 13,800. Picking up pump and rods. Installed BPV, removed BOP, installed tbg spool, installed BOP and tested to 5000 psi, OK. Removed BPV and ran tbg as follows: top half of on-off connector, 6' tbg sub w/7" cent, 30 jts tbg, API seating nipple w/top at 9828, 320 jts tbg, 6' sub, 10' sub, and 1 jt tbg. All tbg and subs 2-7/8" EUE, 8rd, N-80. Landed tbg w/12,000# tension. Tested csg and pkr to 2500 psi, OK. Installed EPV, removed BOP, removed BPV and installed 1' tbg sub and 5000# full-opening tbg valves.

MAY 23 1974

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Convert flwg well
to pmpg well)

TD 13,825. PB 13,800. SI, WO pumping unit. RD substructure. RU floor. Picked up and ran rods and pump as follows: 2-1/2 x 1-1/2 x 18' x 20' x 22' RH beam pump w/mechanical hold-down, 2'-3/4" sub, 160-3/4" rods, 114- 7/8" rods, 121- 1" rods, two 6' subs, and one 4' sub. Tested pump, OK. Released rig at 7 PM, 5/23/74. (Reports discontinued until test established.)

MAY 24 1974

Shell-Phillips-
Mountain Fuel-
Broadhead 1-21B6
(Convert flwg well
to pmpg well)

TD 13,825. PB 13,800. (RRD 5/24/74). CONVERSION OF
FLOWING WELL TO PUMPING WELL COMPLETE. On 24-hr test
5/1/74, flwd 186 BO and no wtr on 64/64" chk w/50 psi
FTP from Wasatch-North Horn perms 11,108-13,752. On
24-hr test 7/15/74, pmpd 351 BO, 55 BW and 199 MCF gas
from Wasatch-North Horn perms 11,108-13,752 w/1-3/4"
pump x 6 SPM.
FINAL REPORT.

JUL 16 1974



SHELL OIL COMPANY

PHYSICAL AND/OR ORIFICE METER TEST REPORT

DATE 10-22-82 FIELD Allamont PROD. FORM. _____
 PRODUCER Shell Oil Co PURCHASER _____
 LEASE 1-21B6 Prod Gas TYPE GAS wet USED FOR Sales
 LOCATION 1-21B6 Batt SEC. _____ BLOCK _____ TWP. _____ R. _____ SUR. _____

WELLS CONNECTED _____

COUNTY Duch STATE Utah

GPM TEST		DIFF. GAUGE				METER INFORMATION		FACTORS																																																						
COMP. <input type="checkbox"/>	CHAR. <input type="checkbox"/>	FOUND		LEFT		METER MAKE	Barton																																																							
TRAP PRESS.		U-TUBE	GAUGE	U-TUBE	GAUGE	SERIAL NO.	202A-109313																																																							
LINE PRESS.		LOWER LIMIT	- 2	LOWER LIMIT	- 2	DIFF. RANGE	0-100" WC																																																							
ATMOS. TEMP.		ZERO	-1	ZERO	0	STATIC RANGE	0-100"																																																							
GAS TEMP.		20	21	20	20	CHART NO.	L-10-5																																																							
CU. FT. GAS RUN		50	51	50	50	LINE SIZE	2.900																																																							
CU. FT. GAS RUN AT _____ OZ. @ 60°F		80	81	80	80	ORIFICE SIZE	.750																																																							
CONDENSER TEMP.		100	101	100	100	AVG. DIFF.	1.5																																																							
ACCUM. PRESS.		UPPER LIMIT	+ 3	UPPER LIMIT	+ 3	AVG. STATIC	7.3																																																							
CC. RECOVERY RAW		STATIC GAUGE				GAUGE TAPS	Flange																																																							
TEMP. RAW						INSTALLED _____ X _____																																																								
GALS. PER M. RAW		FOUND		LEFT		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">CARD NO.</th> <th colspan="12">MEAS. POINT IDENT</th> <th rowspan="2">VALKIND</th> </tr> <tr> <th colspan="9">SYSTEM</th> <th colspan="3">BASIC MEAS. POINT</th> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> <td>10</td><td>11</td><td>12</td><td>13</td> <td rowspan="2">1</td> </tr> </thead> <tbody> <tr> <td>2, 3, 6, 7</td> <td colspan="9">1, 7, 0, 7D</td> <td colspan="3"></td> </tr> </tbody> </table>				CARD NO.	MEAS. POINT IDENT												VALKIND	SYSTEM									BASIC MEAS. POINT			1	2	3	4	5	6	7	8	9	10	11	12	13	1	2, 3, 6, 7	1, 7, 0, 7D											
CARD NO.	MEAS. POINT IDENT												VALKIND																																																	
	SYSTEM									BASIC MEAS. POINT																																																				
1	2	3	4	5	6	7	8	9	10	11	12	13	1																																																	
2, 3, 6, 7	1, 7, 0, 7D																																																													
CC. WEATHERED TO 60°F		DEAD WGT.	GAUGE	DEAD WGT.	GAUGE																																																									
GALS. PER M AT 60°F		45	45	45	45																																																									

CARD TYPE 04

CARD TYPE	TEMP.	SPECIFIC GRAVITY	EFFECTIVE DATE COEFFICIENT	ORIFICE SIZE
14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	0.4	13.5	0.940	0.75

AVER. DIFF. PRESS.	AVERAGE STATIC PRESSURE
43 44 45	0.002
	0.053

CARD TYPE 05

CARD TYPE	MO.	DAY	YR.
14 15 16 17 18 19 20 21	0	5	

HEXANE PLUS C ₇ +					
74	75	76	77	78	

REMARKS:

meter calibration - per spec - Orifice Plate &

M. 10 D. 22 19 82

Roy Sorenson

SIGNATURE OF TESTER

SIGNATURE OF WITNESS

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

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

Dear Mr. Stout:

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

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

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

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

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

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

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

Yours very truly,

G. M. Jobe

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

GMJ:beb

Enclosures



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

102202

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 21, 1986

Mr. Delbert Broadhead
H. C. Route Box 24
Duchesne, Utah 84021

Dear Mr. Broadhead:

RE: Well No. 1-21B6, Section 21, T.2S, R.6W, Duchesne County, Utah

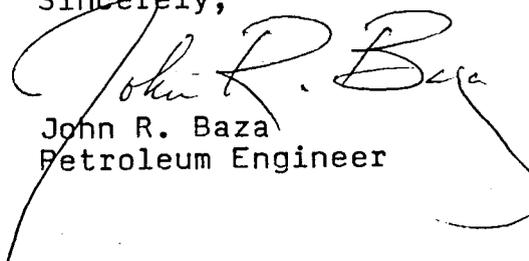
Upon receipt of your letter dated October 1, 1986, a field inspection ~~was made on the above~~ referenced well site.

It was determined by the inspector that the fencing and gates were satisfactory. One strand of wire on the south side of the emergency pit was down, but all the gates were closed.

Utex Oil Company was contacted about the problems that you mentioned, and a company representative indicated that work to resolve the problems was to start on October 17, 1986. Utex will clean the ditches around the location, restring the middle wire on the emergency pit fence, and clean the weeds on the location.

If you have any more problems or concerns about this matter, please contact Mr. Jim Thompson, Oil and Gas Field Specialist at this office.

Sincerely,



John R. Baza
Petroleum Engineer

JLT/sb
cc: D. R. Nielson
R. J. Firth
Well File
9695T-55

RD 427805418
RECEIVED

4241 State Office Building, Salt Lake City, Ut. 84114. • 801-533-5771

OCT 02 1984

MONTHLY OIL AND GAS PRODUCTION REPORT
DIVISION OF OIL
GAS & MINING

Operator name and address:

UTEX OIL CO

Dickens

1040

PO BOX 576
HOUSTON TX 77001
ATTN: [REDACTED] OIL ACCT.

Operator change

Utah Account No. NO840

Report Period (Month/Year) 8 / 84

Amended Report

Well Name	API Number	Entity	Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
BROTHERSON 1-03B4	4301330048	01525 02S 04W	3	WSTC	23	317	250	403
MORDOCK 1-26B5	4301330049	01530 02S 05W	26	GR-WS	28	1584	2747	6039
BROTHERSON 1-14B4	4301330051	01535 02S 04W	14	GR-WS	31	868	2489	3914
BROTHERSON 1-11B4	4301330052	01540 02S 04W	11	GR-WS	26	1593	3090	9080
CHRISTENSEN 1-33A5	4301330054	01545 01S 05W	33	GR-WS	31	858	70	1060
EVANS UNIT 1-31A4	4301330067	01560 01S 04W	31	GR-WS	31	2431	57	10702
BLEAZARD 1-18B4	4301330059	01565 02S 04W	18	WSTC	23	568	581	3422
BROTHERSON 1-02B4	4301330062	01570 02S 04W	2	GR-WS	0	0	0	0
RUST 1-4B3	4301330063	01575 02S 03W	4	GR-WS	21	567	304	1128
OTE UNIT 1-36A4	4301330069	01580 01S 04W	36	WSTC	22	2753	3538	907
OTE UNIT 1-34A4	4301330075	01585 01S 04W	34	GR-WS	22	486	774	182
MUNSEN 1-21A3	4301330082	01590 01S 03W	21	GR-WS	24	646	2264	5926
BROADHEAD 1-21B6	4301330100	01595 02S 06W	21	WSTC	21	1447	1185	435
TOTAL						14112	17931	57128

JT - 2

Comments (attach separate sheet if necessary)

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

Date SEP 28 1984

Authorized signature

Telephone 801-484-2262

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

PRINT IN TRIPLICATE
(Other instructions on reverse side)

010949A

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		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 Broadhead
14. PERMIT NO. 43-013-30100		9. WELL NO. 1-21/B6
15. ELEVATIONS (Show whether OF, XT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA		12. COUNTY OR PARISH 13. STATE Duchesne

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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) <input type="checkbox"/>	
(Other) - Change Operator <input checked="" type="checkbox"/>			

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

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

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

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

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

(This space for Federal or State office use)

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



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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

Type of Well
 Oil Well Gas Well Other

1. Name of Operator
 ANR Production Company

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

3. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 540' FNL & 2610' FEL
 Section 21, T2S-R6W

4. Lease Designation and Serial No.
 Patented

5. If Indian, Annotee or Tribe Name
 N/A

6. If Unit or CA, Agreement Designation
 CA #96-39

7. Well Name and No.
 Broadhead #1-21B6

8. API Well No.
 43-013-30100

9. Field and Pool, or Exploratory Area
 Altamont

10. County or Parish, State
 Duchesne County, Utah

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

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

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

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

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

RECEIVED

JUL 07 1993

DIVISION OF
OIL, GAS & MINING

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

DATE: 7-9-93
BY: [Signature]

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

Signed [Signature] Title Regulatory Analyst Date 7/2/93
 (This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

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

WORKOVER PROCEDURE

Broadhead #1-21B6
Altamont Field
Duchesne County, Utah

WELL DATA

Location: 2452' FNL & 1632' FEL
Elevation: 6120' GL, 6142' KB
Total Depth: 13,825' PBSD: 13,672'
Casing: 13-3/8", 68#, K-55 set @ 217'
9-5/8", 36#, K-55 set @ 4005'
7", 26#, S-95 set @ 11,087'
5", 18#, N-80 set 10,882-13,824'
Tubing: 2-7/8", 6.5#, N-80 set @ 10419' w/B-2 anchor catcher

TUBULAR DATA

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

Present Status: Producing on beam pump from Wasatch perforations 11,108-13,752.

PROCEDURE

1. MIRU service rig. Kill well. POOH with rods, pump and tubing.
2. PU 6-1/8" mill on 2-7/8" tubing and TIH cleaning out 7" casing to 10,882'. POOH laying down 6-1/8" mill. PU 4-1/8" mill on 4-1/8" casing scraper and 2-3/8" X 2-7/8" tubing and TIH cleaning out 5" liner to 13,672'. POOH laying down 4-1/8" tools.
3. Perforate Wasatch formation 11,074-13,628' with 3 SPF using 3-1/8" casing gun as per the attached perforating schedule.
4. PU 5" X 2-7/8" packer on 2-7/8" X 3-1/2" tubing and TIH setting packer at $\pm 10970'$.
5. Acidize Wasatch perfs 11,074-13,752' with 15,000 gals 15% HCl with additives and 450 l.l s.g. ball sealers.
 - A. Precede acid w/250 bbls water w/10 gal per 1000 scale inhibitor and 50 bbls diesel.
 - B. All water to contain 3% KCl.
 - C. Acidize in 5 stages of 3000 gals each with diverter stages of 1500 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
 - D. Acid will be pumped at highest rate possible at 9000 psi maximum surface pressure.
 - E. All fluids to be pumped at 150°F.
 - F. Pressure annulas to 3000 psig. prior to pumping acid.

6. Flow back acid load until well dies or $\text{pH} \geq 5.0$. Kill well with treated water.
7. POOH laying down 3-1/2" tubing and 5" packer. Rerun production equipment and return well to production.

INTER-CORPORATE CORRESPONDENCE

April 28, 1993

To: S. Prutch

Dept.: DTG

From: Bob La Rocque

Dept.: DTG

Subject: Workover- Broadhead #1-21B6

As requested, a perforation schedule for the #1-21B6 is attached. To improve profitability, the addition of 101 feet of infill perforations (11,074'-13,628') within the current Upper/Lower Wasatch producing interval is recommended. The bulk of these perforations are within the Lower Wasatch, which has remained sparsely tested to date. As both hydrocarbons and water production has declined in the #1-21B6, the current perforations may have developed scale. Approximately 1300' of Upper Wasatch (primarily red beds) will remain untested in the Broadhead #1-21B6. As production results for this interval in the "B6" township are mixed, the addition of perforations within this interval should be deferred to a subsequent workover.

Greater Altamont Field
ANRPC - Broadhead #1-21B6
NE/4 Section 21, T2S-R6W
Duchesne County, Utah

PERFORATION SCHEDULE

Depth Reference: Schlumberger - BHC Sonic (Run #3, 8/18/72)

13,628	13,326	13,026	12,798	11,906
13,602	13,309	13,016	12,789	11,901
13,589	13,291	13,005	12,779	11,889
13,575	13,278	12,996	12,754	11,684
13,556	13,273	12,977	12,737	11,653
13,551	13,259	12,969	12,728	11,623
13,542	13,248	12,966	12,697	11,612
13,533	13,231	12,948	12,686	11,583
13,498	13,195	12,943	12,542	11,567
13,489	13,178	12,931	12,522	11,536
13,470	13,167	12,918	12,404	11,459
13,462	13,152	12,913	12,400	11,312
13,435	13,148	12,902	12,393	11,303
13,398	13,137	12,876	12,165	11,160
13,389	13,129	12,866	12,145	11,132
13,383	13,088	12,856	12,069	11,106
13,374	13,071	12,851	12,064	11,102
13,365	13,067	12,832	12,031	11,098
13,356	13,055	12,821	11,986	11,094
13,344	13,046	12,807	11,979	11,086
				11,074

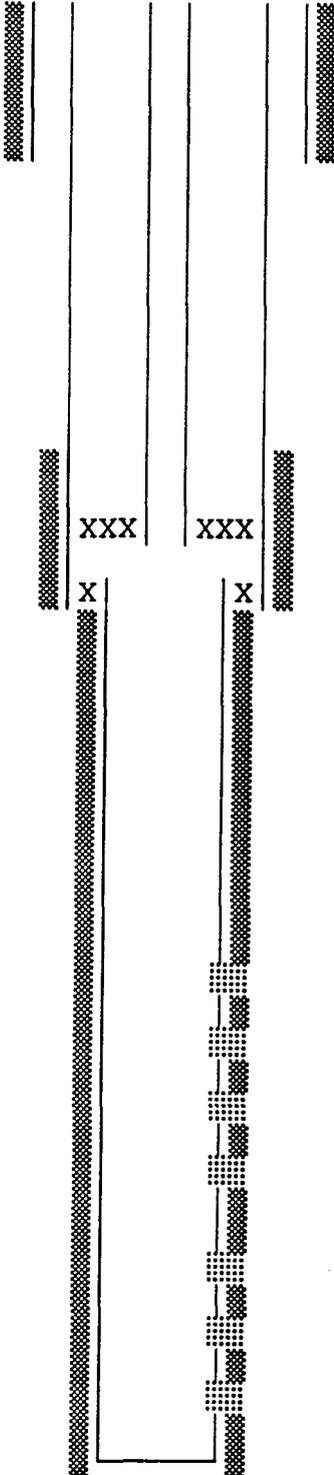
Gross Wasatch Interval 11,074'-13,628', 101 feet, 81 zones

R. J. LaRocque
4/26/93

BROADHEAD #1-21B6

SECTION 21-T2S-R6W
ALTAMONT FIELD

DUCHESNE CO., UTAH



SURFACE CASING: 9-5/8", 36#, K-55 LT&C SET @ 4005'

INTERMEDIATE CASING: 7", 26# S-95, LT&C SET @ 11,087'

PRODUCTION LINER: 5", 18#, N-80 SET @ 10,882-13,824'

TUBING: 2-7/8", 6.5#, N-80, EUE TUBING @ 9,609 W/ B-2 ANCHOR CATCHER

WASATCH PERFS: 11,108'-13,752'
TOTAL 264 HOLES

TD @ 13,825' PBD @ 13,672'

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROADHEAD #1-21B6 (CLEANOUT, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 60.9375% ANR AFE: 64743

PAGE 2

- 11/29/93 Swab back acid load, prep to release pkr. RU Dowell to acidize. Acidize Wasatch perms 11,074'-13,675' w/15,000 gal 15% HCl w/additives, BAF, rock salt, 450 - 1.1 grav. BS's & 50 bbls diesel. Max press 9005#, avg press 8300#, min rate 19.5 BPM, max rate 35 BPM, avg rate 25 BPM. ISIP 2700#, 15 min 0#. Total load 968 bbls. Good diversion. RD Dowell. RU to swab. Made 14 swab runs - recover 74 BW, 1 BO, FFL @ 9000', pH 5, 10% oil, 894 BLWTR.
DC: \$41,079 TC: \$92,540
- 11/30/93 RIH w/prod tbg. Tbg press - 350 psi. Bleed off pressure. RU to swab. Run #1 FL @ 8500', 3 BO, 0 BW. RIs 5" pkr & LD 359 jts 3½", 4 jts 2⅞", 5" pkr.
DC: \$3,120 TC: \$95,660
- 12/1/93 RIH w/rods. Made up 4½" PBGA. RIH as follows: Mtn States 7" B-2 anchor catcher w/carbide slips, 4' 2⅞" sub, 1-jt 2⅞" perf, 2⅞" plug, 1-jt 2⅞", 4½" N-80 PBGA, 8' 2⅞" sub, SN, 325 jts 2⅞". Remove BOP's, set 7" anchor @ 10,150' w/20,000# tension, SN @ 10,040'. RIH w/Highland 1½" RHBC pump.
DC: \$5,089 TC: \$100,749
- 12/2/93 RD rig. RIH w/rods: 131 - ⅞" (PU 11), 127 - 1" (PU 28). Seat pump, space out. PT to 500 psi. Can't RD due to wind.
DC: \$6,110 TC: \$106,859
- 12/3/93 Well on production. RD rig. Place on pump.
DC: \$6,575 TC: \$113,434
- 12/3/93 Pmpd 35 BO, 77 BW, 8 SPM, 22 hrs.
- 12/4/93 Pmpd 40 BO, 182 BW, 8 SPM.
- 12/5/93 Pmpd 39 BO, 178 BW, 8 SPM.
- 12/6/93 Pmpd 41 BO, 190 BW, 8 SPM.
- Prior prod: Pmpd 22 BO, 19 BW. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROADHEAD #1-21B6 (CLEANOUT, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 60.9375% ANR AFE: 64743
TD: 13,825' PBD: 13,675'
5" LINER @ 10,882'-13,824'
PERFS: 11,074'-13,675' (WASATCH)
CWC(M\$): 141.5

PAGE 1

- 11/19/93 RIs anchor, POOH. Spot rig in, RU rig. POOH w/99 - 1", 118 - 7/8", 168 - 3/4" (LD 41), 12 - 1" (LD 4).
DC: \$3,041 TC: \$3,041
- 11/20/93 RIH w/7" scraper. Install BOP's. POOH w/325 jts 2 7/8", SN, 4' sub, 4 1/2" PBGA, 1-jt 2 7/8", 2 7/8" plug, 1-jt 2 7/8" perf (perfs had pin holes full of scale), 4' sub, 7" anchor. One set of drag springs gone - scaled up. RIH w/6 1/8" drag bit, 7" scraper, 4' 2 7/8" sub, 200 jts 2 7/8".
DC: \$2,918 TC: \$5,959
- 11/21/93 RIH w/4 1/8" mill. Continue to RIH w/7" scraper, tag scale @ 10,050'-10,320'. RIH to 5" liner @ 10,881'. POOH w/2 7/8" tbg. PU 4 1/8" mill, check, 1-jt 2 3/8", check, 39 jts 2 3/8", safety jt, bailer, 20 jts 2 3/8".
DC: \$3,448 TC: \$9,407
- 11/22/93 Clean out scale @ 12,210'. Continue to PU 2 3/8", tag 5" liner @ 10,881'. Mill for 3 1/2 hrs. Made 3.5', fell through. RIH to 11,250', mill to 11,271'. Work mill through scale. TIH & tag solid scale @ 12,210'. Work bailer - no headway. Pull out of 5" liner.
DC: \$5,220 TC: \$14,627
- 11/23/93 RIH w/4 1/8" mill & CO tools. RIH to 12,210'. Mill & work bailer to 13,598'. Can't make hole - bailer plugged. POOH w/2 7/8" tbg. Mill plugged. Last 3 jts full of scale. RIH w/4 1/8" mill, check, 1-jt 2 3/8", check, 39 jts 2 3/8", bailer, 20 jts 2 3/8".
DC: \$5,605 TC: \$20,232
- 11/24/93 POOH w/tbg. RIH w/rest of 2 3/8", 2 7/8" tbg. Start milling @ 13,598'. Mill & stroke to 13,675'. Can't make hole.
DC: \$4,270 TC: \$24,502
- 11/26/93 Prep to perf. POOH & LD 2 3/8" tbg, bailer. Last 4 jts full of scale.
DC: \$4,589 TC: \$29,091
- 11/27/93 RIH w/3 1/2" tbg. RU OWP to perf well. Perf Wasatch @ 11,074'-13,628' (303 holes):
- | Run # | Interval | Feet | Holes | FL | PSI |
|-------|-----------------|------|-------|-------|-----|
| 1 | 13,628'-13,259' | 26 | 78 | 8600' | 0 |
| 2 | 13,248'-12,918' | 25 | 75 | 8600' | 0 |
| 3 | 12,913'-12,069' | 25 | 75 | 8600' | 0 |
| 4 | 12,064'-11,074' | 25 | 75 | 8600' | 0 |
| Total | | 101 | 303 | | |
- Had 2 miss runs. RD OWP. RIH w/Mtn States 5" HD pkr, SN, 4 jts 2 7/8". PU 20 jts 3 1/2" tbg.
DC: \$17,502 TC: \$46,593
- 11/28/93 Prep to acidize well. Continue to tally & PU 3 1/2" tbg, total 359 jts. Set 5" HD pkr @ 10,972' w/30,000# compression. Pump 202 bbls prod wtr down csg. PT to 2500#.
DC: \$4,868 TC: \$51,461

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROADHEAD #1-21B6 (CLEANOUT, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 60.9375% ANR AFE: 64743
TD: 13,825' PBDT: 13,675'
5" LINER @ 10,882'-13,824'
PERFS: 11,074'-13,675' (WASATCH)
CWC(M\$): 141.5

PAGE 1

- 11/19/93 Rls anchor, POOH. Spot rig in, RU rig. POOH w/99 - 1", 118 - 7/8", 168 - 3/4" (LD 41), 12 - 1" (LD 4).
DC: \$3,041 TC: \$3,041
- 11/20/93 RIH w/7" scraper. Install BOP's. POOH w/325 jts 27/8", SN, 4' sub, 4 1/2" PBGA, 1-jt 27/8", 27/8" plug, 1-jt 27/8" perf (perfs had pin holes full of scale), 4' sub, 7" anchor. One set of drag springs gone - scaled up. RIH w/6 1/8" drag bit, 7" scraper, 4' 27/8" sub, 200 jts 27/8".
DC: \$2,918 TC: \$5,959
- 11/21/93 RIH w/4 1/8" mill. Continue to RIH w/7" scraper, tag scale @ 10,050'-10,320'. RIH to 5" liner @ 10,881'. POOH w/27/8" tbg. PU 4 1/8" mill, check, 1-jt 23/8", check, 39 jts 23/8", safety jt, bailer, 20 jts 23/8".
DC: \$3,448 TC: \$9,407
- 11/22/93 Clean out scale @ 12,210'. Continue to PU 23/8", tag 5" liner @ 10,881'. Mill for 3 1/2 hrs. Made 3.5', fell through. RIH to 11,250', mill to 11,271'. Work mill through scale. TIH & tag solid scale @ 12,210'. Work bailer - no headway. Pull out of 5" liner.
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DC: \$5,605 TC: \$20,232
- 11/24/93 POOH w/tbg. RIH w/rest of 23/8", 27/8" tbg. Start milling @ 13,598'. Mill & stroke to 13,675'. Can't make hole.
DC: \$4,270 TC: \$24,502
- 11/26/93 Prep to perf. POOH & LD 23/8" tbg, bailer. Last 4 jts full of scale.
DC: \$4,589 TC: \$29,091
- 11/27/93 RIH w/3 1/2" tbg. RU OWP to perf well. Perf Wasatch @ 11,074'-13,628' (303 holes):
- | <u>Run #</u> | <u>Interval</u> | <u>Feet</u> | <u>Holes</u> | <u>FL</u> | <u>PSI</u> |
|--------------|-----------------|-------------|--------------|-----------|------------|
| 1 | 13,628'-13,259' | 26 | 78 | 8600' | 0 |
| 2 | 13,248'-12,918' | 25 | 75 | 8600' | 0 |
| 3 | 12,913'-12,069' | 25 | 75 | 8600' | 0 |
| 4 | 12,064'-11,074' | 25 | 75 | 8600' | 0 |
| Total | | 101 | 303 | | |
- Had 2 miss runs. RD OWP. RIH w/Mtn States 5" HD pkr, SN, 4 jts 27/8". PU 20 jts 3 1/2" tbg.
DC: \$17,502 TC: \$46,593
- 11/28/93 Prep to acidize well. Continue to tally & PU 3 1/2" tbg, total 359 jts. Set 5" HD pkr @ 10,972' w/30,000# compression. Pump 202 bbis prod wtr down csg. PT to 2500#.
DC: \$4,868 TC: \$51,461

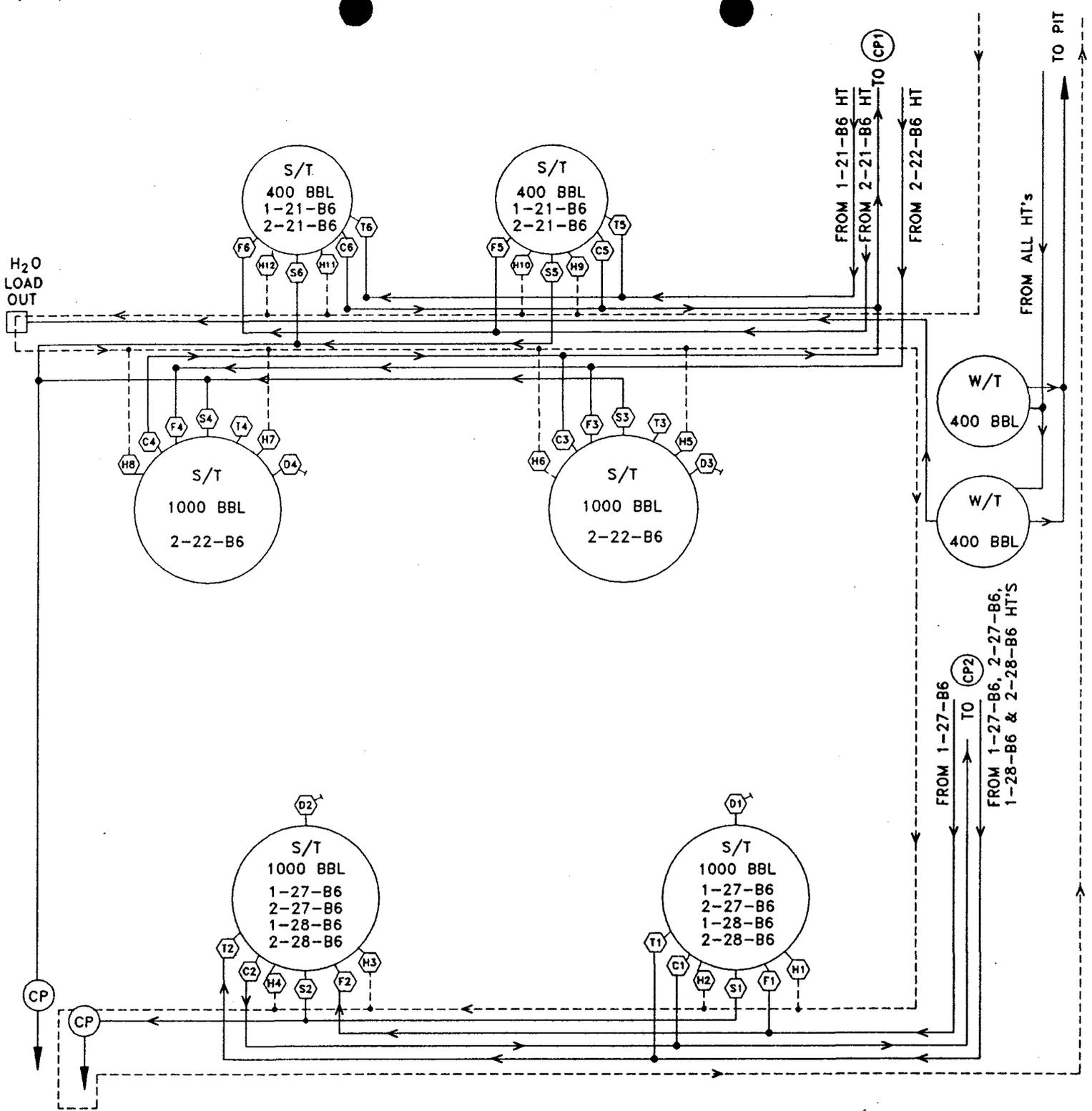
THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROADHEAD #1-21B6 (CLEANOUT, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 60.9375% ANR AFE: 64743

PAGE 2

- 11/29/93 Swab back acid load, prep to release pkr. RU Dowell to acidize. Acidize Wasatch perms 11,074'-13,675' w/15,000 gal 15% HCl w/additives, BAF, rock salt, 450 - 1.1 grav. BS's & 50 bbls diesel. Max press 9005#, avg press 8300#, min rate 19.5 BPM, max rate 35 BPM, avg rate 25 BPM. ISIP 2700#, 15 min O#. Total load 968 bbls. Good diversion. RD Dowell. RU to swab. Made 14 swab runs - recover 74 BW, 1 BO, FFL @ 9000', pH 5, 10% oil, 894 BLWTR.
DC: \$41,079 TC: \$92,540
- 11/30/93 RIH w/prod tbg. Tbg press - 350 psi. Bleed off pressure. RU to swab. Run #1 FL @ 8500', 3 BO, 0 BW. Rls 5" pkr & LD 359 jts 3½", 4 jts 2¾", 5" pkr.
DC: \$3,120 TC: \$95,660
- 12/1/93 RIH w/rods. Made up 4½" PBGA. RIH as follows: Mtn States 7" B-2 anchor catcher w/carbide slips, 4' 2¾" sub, 1-jt 2¾" perf, 2¾" plug, 1-jt 2¾", 4½" N-80 PBGA, 8' 2¾" sub, SN, 325 jts 2¾". Remove BOP's, set 7" anchor @ 10,150' w/20,000# tension, SN @ 10,040'. RIH w/Highland 1½" RHBC pump.
DC: \$5,089 TC: \$100,749
- 12/2/93 RD rig. RIH w/rods: 131 - 7/8" (PU 11), 127 - 1" (PU 28). Seat pump, space out. PT to 500 psi. Can't RD due to wind.
DC: \$6,110 TC: \$106,859
- 12/3/93 Well on production. RD rig. Place on pump.
DC: \$6,575 TC: \$113,434
- 12/3/93 Pmpd 35 BO, 77 BW, 8 SPM, 22 hrs.
- 12/4/93 Pmpd 40 BO, 182 BW, 8 SPM.
- 12/5/93 Pmpd 39 BO, 178 BW, 8 SPM.
- 12/6/93 Pmpd 41 BO, 190 BW, 8 SPM.
- Prior prod: Pmpd 22 BO, 19 BW. Final report.



This lease is subject to the site security plan for the Altamont Field for Coastal Oil & Gas. The plan is located at: Altamont Gas Plant 2 miles west of Altamont on Highway 87. Altamont, Utah

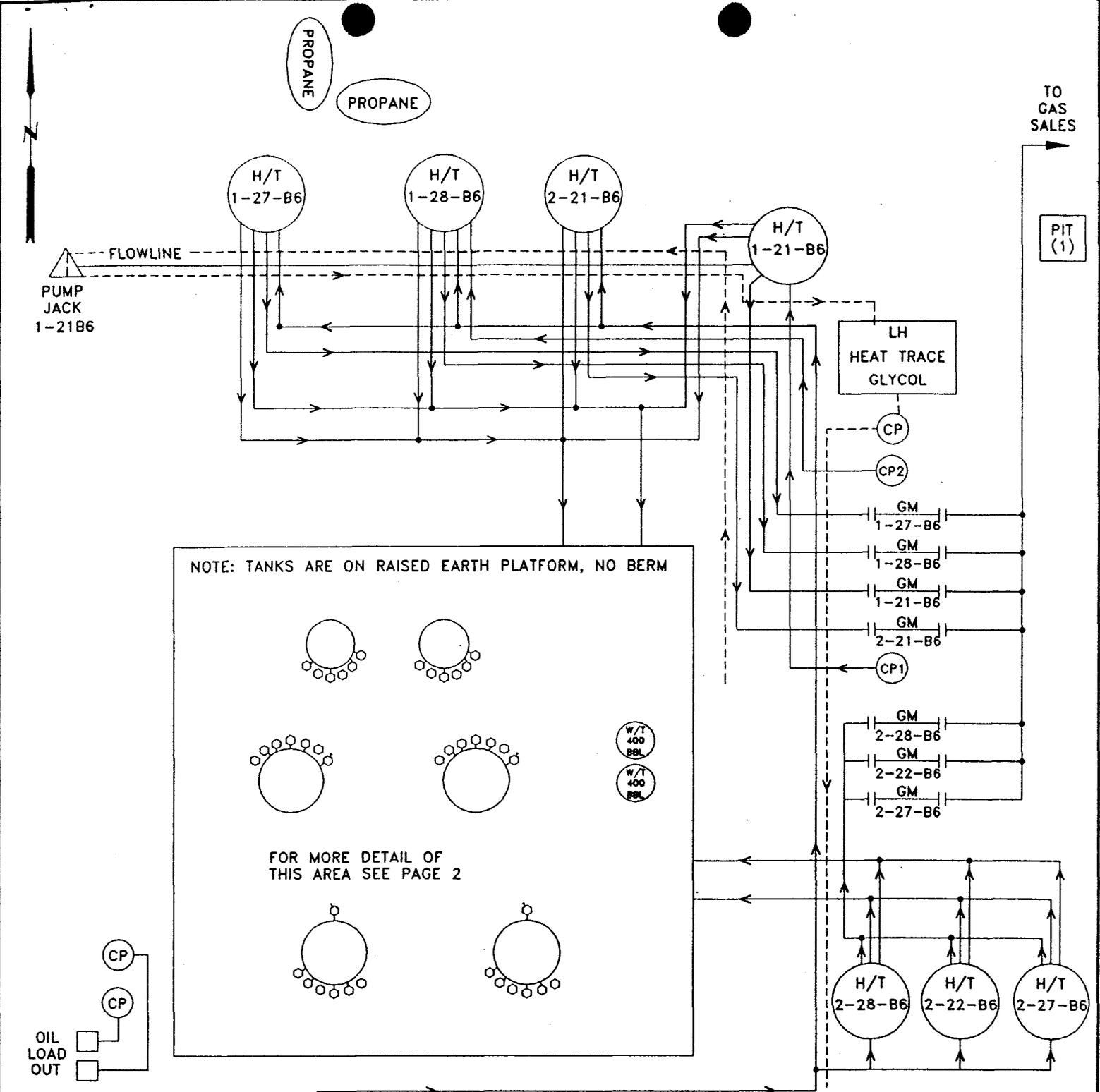
File No: Coastal/A-5b

R E C E I V E

NOV - 7 1994

DIV OF OIL, GAS & MINING

Coastal Oil & Gas Corp.		
Field:	Altamont	Page 2 of 2
Lease(s):	UTE TRIBAL 1-28-B6X UTE TRIBAL 1-27-B6X UTE TRIBAL 2-21-B6 UTE TRIBAL 2-22-B6 UTE TRIBAL 2-28-B6 UTE TRIBAL 2-27-B6 BROADHEAD 1-21-B6	
Location:	NW NE 21 T2S-R6W	
County:	Duchesne	State: Utah
Prepared By:	Jim Kenney	Date: 10/20/94
Buy's & Associates, Inc.		
Environmental Consultants		



NOTE: TANKS ARE ON RAISED EARTH PLATFORM, NO BERM

FOR MORE DETAIL OF THIS AREA SEE PAGE 2

Coastal Oil & Gas Corp.

Field: Altamont Page 1 of 2
 Lease(s): UTE TRIBAL 1-28-B6X
 UTE TRIBAL 1-27-B6X
 UTE TRIBAL 2-21-B6
 UTE TRIBAL 2-22-B6
 UTE TRIBAL 2-28-B6
 UTE TRIBAL 2-27-B6
 BROADHEAD 1-21-B6
 Location: NW NE 21 T2S-R6W
 County: Duchesne State: Utah
 Prepared By: Jim Kenney Date: 10/20-94

This lease is subject to the site security plan for the Altamont Field for Coastal Oil & Gas. The plan is located at: Altamont Gas Plant 2 miles west of Altamont on Highway 87. Altamont, Utah

File No: Coastal/A-5a

RECEIVED
 NOV - 7 1994
 DIV OF OIL, GAS & MINING

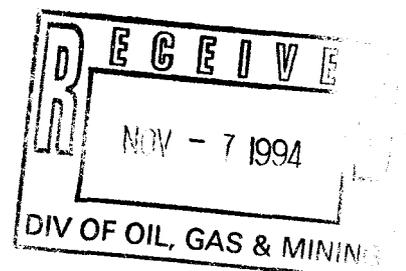
Buys & Associates, Inc.
 Environmental Consultants

Position of Valves and Use of Seals During Production

Valve	Line Purpose	Position	Seal Installed
H1-H12	Heat Trace	Open	No
F1-F6	Production In	Open	Yes
S1-S6	Sales	Closed	Yes
C1-C6	Recycle	Open	Yes
T1-T6	Test Line	Closed	Yes
D1-D4	Tank Drain	Closed	Yes

Position of Valves and Use of Seals During Sales

Valve	Line Purpose	Position	Seal Installed
H1-H12	Heat Trace	Open	No
F1-F6	Production In	Closed	Yes
S1-S6	Sales	Open	No
C1-C6	Recycle	Closed	Yes
T1-T6	Test Line	Closed	Yes
D1-D4	Tank Drain	Closed	Yes



SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: See Attached
2. Name of Operator: Coastal Oil & Gas Corporation	6. If Indian, Allottee or Tribe Name: See Attached
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	7. Unit Agreement Name: See Attached
4. Location of Well Footages: See Attached County: See Attached QQ, Sec., T., R., M.: See Attached State: Utah	8. Well Name and Number: See Attached
	9. API Well Number: See Attached
	10. Field and Pool, or Wildcat: See Attached

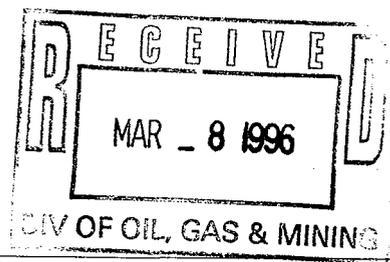
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company



13. Name & Signature: *Sheila Bremer* Title: Coastal Oil & Gas Corporation Date: 03/07/96
Sheila Bremer
Environmental & Safety Analyst

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			Field	County
					Footages	Section, Township & Range			
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 10215	N/A	9643	502' FWL & 503' FSL	SWSW, 12-2S-4W	Altamont	Duchesne	
Ellsworth 1-9B4	43-013-30118	Patented 16100	N/A	9645	1444' FNL & 700' FEL	SENE, 9-2S-4W	Altamont	Duchesne	
Ellsworth 2-9B4	43-013-31138	Fee 10460	N/A	9645	2976' FNL & 2543' FWL	NESW, 9-2S-4W	Altamont	Duchesne	
Burton 2-15B5	43-013-31044	Fee 10210	N/A	9646	718' FWL & 1604' FSL	NWSW, 15-2S-5W	Altamont	Duchesne	
Tew 2-10B5	43-013-31125	Fee 1756	N/A	9654	851' FWL & 729' FSL	SWSW, 10-2S-5W	Altamont	Duchesne	
Goodrich 1-2B3	43-013-30182	Patented 1765	N/A	9655	2347' FSL & 1514' FEL	NWSE, 2-2S-3W	Bluebell	Duchesne	
Goodrich 2-2B3	43-013-31246	Fee 11037	N/A	9655	678' FNL & 2235' FWL	NENW, 2-2S-3W	Bluebell	Duchesne	
Robb 2-29B5	43-013-31130	Fee 10454	N/A	9656	2214' FWL & 1037' FSL	SESW, 29-2S-5W	Altamont	Duchesne	
Ellsworth 1-16B4	43-013-30192	Patented 1735	Ute	9659	1301' FNL & 1101' FEL	NENE, 16-2S-4W	Altamont	Duchesne	
Ellsworth 2-16B4	43-013-31046	Fee 10217	N/A	9659	1075' FWL & 1439' FSL	NWSW, 16-2S-4W	Altamont	Duchesne	
Lake Fork 2-13B4	43-013-31134	Fee 10452	N/A	9660	963' FWL & 819' FSL	SWSW, 13-2S-4W	Altamont	Duchesne	
Jessen 2-21A4	43-013-31256	Fee 11061	N/A	9661	702' FSL & 2182' FWL	SESW, 21-1S-4W	Altamont	Duchesne	
Jenkins 1-1B3	43-013-30175	Patented 1790	N/A	9670	1807' FNL & 1888' FWL	SENE, 1-2S-3W	Bluebell	Duchesne	
Jenkins 2-1B3	43-013-31117	Fee 1792	N/A	9670	803' FWL & 662' FSL	SWSW, 1-2S-3W	Bluebell	Duchesne	
Birch 3-27B5	43-013-31126	Fee 1783	N/A	9671	979' FWL & 1151' FSL	SWSW, 27-2S-5W	Altamont	Duchesne	
Lazy K 2-11B3	43-013-31352	Fee 11362	N/A	9672	503' FNL & 2017' FEL	NWNE, 11-2S-3W	Bluebell	Duchesne	
Rudy 1-11B3	43-013-30204	Patented 1820	N/A	9672	2111' FSL & 2483' FEL	NWSE, 11-2S-3W	Bluebell	Duchesne	
Brotherson 1-24B4	43-013-30229	Fee 1865	N/A	9674	1445' FNL & 1894' FEL	SWNE, 24-2S-4W	Altamont	Duchesne	
Brotherson 3-23B4	43-013-31289	Fee 1141	N/A	9674	1177' FSL & 1112' FWL	SWSW, 23-2S-4W	Altamont	Duchesne	
Evans 1-19B3	43-013-30265	Fee 1776	N/A	9678	1256' FNL & 893' FEL	NENE, 19-2S-3W	Altamont	Duchesne	
Jenkins 2-12B3	43-013-31121	Fee 10459	N/A	9679	1623' FNL & 1047' FEL	SENE, 12-2S-3W	Bluebell	Duchesne	
Bleazard 2-28B4	43-013-31304	Fee 11433	N/A	9681	1580' FSL & 2335' FWL	NESW, 28-2S-4W	Altamont	Duchesne	
Lamicq 2-5B2	43-013-30784	Fee 2302	N/A	9683	1963' FWL & 803' FSL	SESW, 5-2S-2W	Bluebell	Duchesne	
C.R. Aimes 1-23A4	43-013-30375	Fee 5675	Ute	9C133	704' FEL & 1515' FNL	SENE, 23-1S-4W	Altamont	Duchesne	
Chandler 1-5B4	43-013-30140	Aprv. 4-11-96 Patented 1685	Ute	NW580	2120' FNL & 1553' FEL	SWNE, 5-2S-4W	Altamont	Duchesne	
Chandler 2-5B4	43-013-31000	" Fee 10075	Ute	NW580	466' FSL & 1180' FWL	SWSW, 5-2S-4W	Altamont	Duchesne	
Monsen 2-27A3	43-013-31104	" Fee 1746	N/A	NW581	1801' FWL & 2008' FSL	NESW, 27-1S-3W	Altamont	Duchesne	
Monsen 3-27A3	43-013-31401	" Fee 11286	N/A	NW581	850' FNL & 1520' FWL	NENW, 27-1S-3W	Altamont	Duchesne	
Ute Smith 1-30B5	43-013-30521	Fee 1950	Ute	UT08014987C696	1890' FSL & 624' FEL	NESE, 30-2S-5W	Altamont	Duchesne	
Bleazard 1-18B4	43-013-30059	Patented 1565	N/A	N/A	1923' FNL & 2314' FEL	SWNE, 18-2S-4W	Altamont	Duchesne	
Bleazard 2-18B4	43-013-31025	Fee 1566	N/A	N/A	857' FWL & 861' FSL	SWSW, 18-2S-4W	Altamont	Duchesne	
Bodero 1-15B3	43-013-30565	Fee 2360	N/A	N/A	1370' FNL & 1679' FWL	SENE, 15-2S-3W	Altamont	Duchesne	
Broadhead 2-32B5	43-013-31036	Fee 10216	N/A	N/A	1686' FWL & 1116' FSL	SESW, 32-2S-5W	Altamont	Duchesne	
Brotherson 1-10B4	43-013-30110	Patented 1614	N/A	N/A	2037' FNL & 2052' FEL	SWNE, 10-2S-4W	Altamont	Duchesne	
Brotherson 1-14B4	43-013-30051	Patented 1535	N/A	N/A	2100' FNL & 750' FEL	SENE, 14-2S-4W	Altamont	Duchesne	
Brotherson 1-22B4	43-013-30227	Fee 1780	N/A	N/A	1642' FNL & 1297' FEL	SENE, 22-2S-4W	Altamont	Duchesne	
Brotherson 1-23B4R	43-013-30483	Patented 8423	N/A	N/A	747' FNL & 2380' FEL	NWNE, 23-2S-4W	Altamont	Duchesne	
Brotherson 1-26B4	43-013-30336	Patented 1856	N/A	N/A	1272' FNL & 1408' FEL	NWNE, 26-2S-4W	Altamont	Duchesne	
Brotherson 1-28A4	43-013-30292	Patented 1841	N/A	N/A	751' FNL & 1130' FEL	NENE, 28-1S-4W	Altamont	Duchesne	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
UT-922

April 11, 1996

Memorandum

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

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

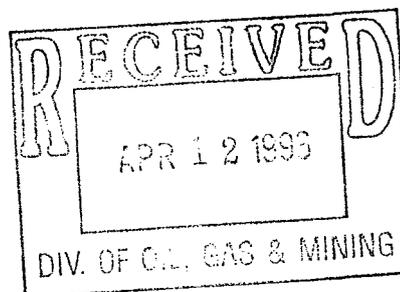
SUBJECT: Successor of Operator, Communitization Agreement's (CA) 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah

The enclosed Designation of Successor of Operators for CA's 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080149-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah, have been reviewed by this office and found to be acceptable and we recommend approval. The new operator will be Coastal Oil & Gas Corporation. Upon approval of these Successor of Operators, please return one copy to this office.

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

Enclosures

bcc: ~~96-000109~~
CA 's (33)
DM - Vernal
Division Oil, Gas & Mining
Agr. Sec. Chron.
Fluid Chron



memorandum

DATE: August 16, 1996

REPLY TO
ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

TO: Bureau of Land Management, Vernal District Office

We are in receipt of the Designations of Successor Operator for our approval whereby Coastal Oil & Gas Corporation was designated as the new Operator for the Communization Agreements (CA) listed on the attached sheet, Exhibit "A".

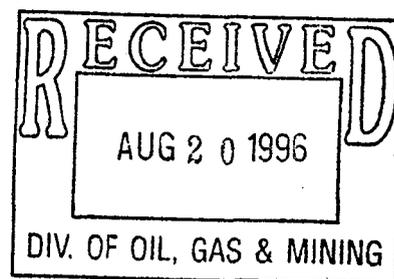
The enclosed instruments were approved on the date of this letter. Coastal's Nationwide Bond will be used to cover all operations, and plugging and abandonment of wells.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

Charles H. Cameron

Enclosures

cc: ~~Lisha Cordova, Utah State DOGM~~
Theresa Thompson, BLM/SLC



DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Numbers are listed on attached Exhibit "A"

Designation of successor Operator for communitized area, Counties of Uintah and Duchesne, State of Utah, being:

(See attached Exhibit "A" for description of Communitization Agreements)

THIS INDENTURE, dated as of the 9th day of April, 1996, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party", and the owners of communitized working interests, hereinafter designated as "Second Parties",

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective (see attached Exhibit "A") wherein ANR Production Company is designated as Operator of the communitized area; and

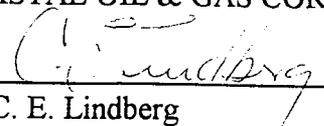
WHEREAS said, ANR Production Company has resigned as Operator, and the designation of successor operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenants and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; and said Agreement being hereby incorporated herein by referenced and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY
COASTAL OIL & GAS CORPORATION

By: 
C. E. Lindberg
Vice President

STATE OF COLORADO)
)
COUNTY OF Denver)

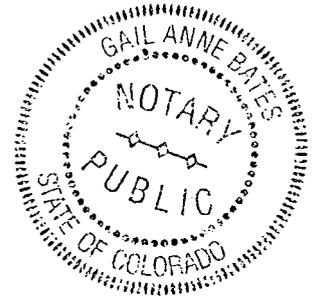
The foregoing instrument was acknowledged before me on the 9th day of April, 1996 by C. E. Lindberg, known to me to be the vice President of Coastal Oil & Gas Corporation, a Delaware corporation, on behalf of said corporation.

Given under my hand and official seal of office on this 9th day of April, 1996.

Gail Anne Bates
Notary Public in and for the State of Colorado

My Commission Expires:

MY COMMISSION EXPIRES: May 14, 1997
1314 W. Shepperd Ave., #203B
Littleton, Colorado 80120



The Designation of Successor Operator is hereby approved this 16th day of August, 1996, for the Communitization Agreements listed on the attached sheet as Exhibit "A".

Charles H. Cameron
Acting Superintendent
BIA - Uintah & Ouray Agency

Communitization Agreement

Well Name	Well Location	County	State	Number	Description	Acres	Effective Date
Evans Ute 2-17B3	NWSW, 17-2S-3W	Duchesne	Utah	96104	All Sec. 17-T2S-R3W	640.00	10/01/73
Miles 1-35A4	SWNE, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Miles 2-35A4	NWSW, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Brotherson 2-11B4	SESW, 11-2S-4W	Duchesne	Utah	9623	All Sec. 11-T2S-R4W	640.00	09/01/70
Brotherson 2-2B4	NESW, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Brotherson 1-2B4	SWNE, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Broadhead 1-21B6	NWNE, 21-2S-6W	Duchesne	Utah	9639	All Sec. 21-T2S-R6W	640.00	10/21/71
Ute Tribal 2-21B6	SESE, 21-2S-6W	Duchesne	Utah	9639	Sec. 21-T2S-R6W	640.00	10/21/71
Ute 1-34A4	SWNE, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Ute Brotherson 2-34A4	NWSW, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Rust 2-36A4	NESW, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/71
Ute 1-36A4	NENE, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/72
Babcock 1-12B4	SENE, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Babcock 2-12B4	SWSW, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Ellsworth 2-9B4	NESW, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Ellsworth 1-9B4	SENE, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Burton 2-15B5	NWSW, 15-2S-5W	Duchesne	Utah	9646	All Sec. 15-T2S-R5W	640.00	05/30/72
Ute 1-1B4	SENE, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Ute Jenks 2-1B4	NENW, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Tew 2-10B5	SWSW, 10-2S-5W	Duchesne	Utah	9654	All Sec. 10-T2S-R5W	640.00	09/26/72
Goodrich 1-2B3	NWSE, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Goodrich 2-2B3	NENW, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Robb 2-29B5	SESW, 29-2S-5W	Duchesne	Utah	9656	All Sec. 29-T2S-R5W	640.00	10/01/72
Ellsworth 1-16B4	NENE, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Ellsworth 2-16B4	NWSW, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Lake Fork 2-13B4	SWSW, 13-2S-4W	Duchesne	Utah	9660	All Sec. 13-T2S-R4W	640.00	10/26/72
Jessen 2-21A4	SESW, 21-1S-4W	Duchesne	Utah	9661	All Sec. 21-T1S-R4W	640.00	09/01/72
Jenkins 2-1B3	SWSW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Jenkins 1-1B3	SENE, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Birch 3-27B5	SWSW, 27-2S-5W	Duchesne	Utah	9671	All Sec. 27-T2S-R5W	640.00	01/30/73
Lazy K 2-11B3	NWNE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Rudy 1-11B3	NWSE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Brotherson 1-24B4	SWNE, 24-2S-4W	Duchesne	Utah	9674	All Sec. 24-T2S-R4W	640.00	03/13/73
Evans 2-19B3	NESW, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Evans 1-19B3	NENE, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Ute 3-12B3	SWNW, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73

Communitization Agreement

Well Name	Well Location	County	State	Number	Description	Acres	Effective Date
Jenkins 2-12B3	SENE, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73
Bleazard 2-28B4	NESW, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Ute 1-28B4	SWNE, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Murdock 2-34B5	NESW, 34-2S-5W	Duchesne	Utah	9685	All Sec. 34-T2S-R5W	640.00	02/12/73
Ute Tribal 10-13A4	NWNE, 13-1S-4W	Duchesne	Utah	9C-126	All Sec. 13-T1S-R4W	640.00	03/10/74
C.R. Aimes 1-23A4	SENE, 23-1S-4W	Duchesne	Utah	9C133	All Sec. 23-T1S-R4W	640.00	03/01/74
Ute 1-8A1E	SWNE, 8-1S-1E	Uintah	Utah	9C138	All Sec. 8-T1S-R1E	640.00	10/21/74
Ute 2-33Z2	SWSW, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Tribal 1-33Z2	SWNE, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Smith 1-30B5	NESE, 30-2S-5W	Duchesne	Utah	UT08014987C696	All Sec. 30-T2S-R5W	609.24	06/18/81
Myrin Ranch 2-18B3	NWSW, 18-2S-3W	Duchesne	Utah	UTU70814	All Sec. 18-T2S-R3W	629.70	11/05/92
Ute Tribal 2-22B6	SESE, 22-2S-6W	Duchesne	Utah	UTU73743	Sec. 22-T2S-R6W	640.00	09/06/94
Ute 1-15B6	NWSW, 15-2S-6W	Duchesne	Utah	UTU73964	All Sec. 15-T2S-T6W	640.00	04/11/95

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *CH*

1	<i>LEC 7-53</i>
2	<i>DTS 8-FILE</i>
3	<i>U/D</i>
4	<i>R/T</i>
5	<i>LEC</i>
6	<i>FILM</i>

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

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

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

TO (new operator)	<u>COASTAL OIL & GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
	<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>D13-30100</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: _____

OPERATOR CHANGE DOCUMENTATION

- Loc* 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)*
- Loc* 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.
- Loc* 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)*
- Loc* 6. Cardex file has been updated for each well listed above.
- Loc* 7. Well file labels have been updated for each well listed above.
- Loc* 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)*
- Loc* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- ____ 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ 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 2-5B2/43013-30784 under review at this time; no chg. yet!

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

Broadhead #1-21B6

2. Name of Operator

Coastal Oil & Gas Corporation

9. API Well No.

43-013-30100

3. Address and Telephone No.

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

(303) 573-4455

10. Field and Pool, Or Exploratory Area

Altamont

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

540' FNL & 2610' FEL

NW/NE Section 21-T2S-R6W

11. County or Parish, State

Duchesne County, UT

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

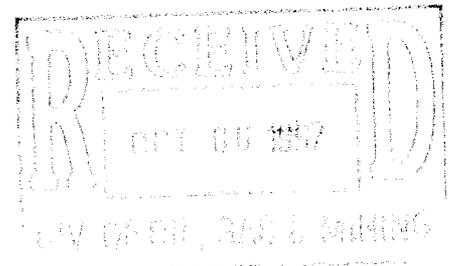
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Acidize

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

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

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

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



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

Signed Bonnie Carson Title Sr. Environmental Analyst Date 10/02/97

(This space for Federal or State office use)

APPROVED BY John R. Bay Title Associate Director Date 10/7/97

Conditions of approval, if any:

Broadhead #1-21B6

SECTION 21 - T2S - R6W

Duchesne Co., Utah

PROCEDURE

- 1) MIRU PU. NDWH. POOH w/ rods. Rlse 7" TAC set @ 10,785'. NUBOP. POOH w/ tubing.
- 2) MIRU wireline. RIH w/ 4 1/8" GR/JB to PBTD @ 13675. If bridges tagged above 13,628' clean out w/ 4 1/8" mill and C/O tools.
- 3) RIH w/ 5" ret. pkr., 2-7/8" HD workstring, 3-1/2" 9.3#, P-110 tbg. Set pkr @ 12,710'. Perfs open above @ 12,697' & below @ 12,728'. May need to coincide w/ collar locator, gamma ray run for placement of pkr.
- 4) MIRU Dowell to acidize interval from 12,728-13,628' w/ 8,000 gallons 15% HCl as per attached treatment schedule. MTP 9,000 psi. Attempt to keep backside full. Rlse pkr. PUH & reset pkr @ 10,970'. PT csg to 500 psi. Hold 500 psi on backside. Acidize interval from 11,074 - 12,697' w/ 9,000 gals 15% HCl as per attached procedure. MTP 9,000 psi. **Note: Both jobs must be performed in the same day.**
- 5) Swab/flow back load and test. Rlse pkr. POOH.
- 6) RIH w/ pumping BHA (call Denver for BHA design). Return well to production.

WSP

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROADHEAD #1-21B6 (ACIDIZE WASATCH)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 60.93% AFE: 27363
TD: 13,825' PBD: 13,675'
5" @ 13,825'-10,881'
PERFS: 11,074'-13,675'
CWC(M\$): 86.0

- 11/17/97 **POOH w/pump.**
MIRU, hot pmpg dn csg, unseat pump @ 10,685'. Flush tbg w/60 bbls TPW, reseat pump, test 1000#, ok. POOH w/2½" x 1¼" C-E pump, EOP @ 3850'.
CC: \$5069.
- 11/18/97 **POOH w/2½" prod BHA.**
EOP @ 3950'. POOH w/2½" x 1¼" C-E pump, no equip to 2½" tbg. ND WH. NU BOP. Attempt to rel 7" TAC @ 10,789', no rotation, can not shear @ 50,000# over string wt of 72,000#. Call for pwr swivel. RU swivel, rel 7" TAC, POOH w/2½" prod BHA, EOT 2030'.
CC: \$8928.
- 11/19/97 **CO 5" liner.**
EOT 2030'. POOH w/2½" prod BHA. MIRU Delsco WLS. RIH w/4" OD GR. Tag fill @ 12,796'. POOH RDMO Delsco. PU Fourstar 4½" 3 PT mill & 2½" CO tools w/40 jts 2½" cavity. RIH picking up 54 more jts of 2½" tbg. EOT 10,820', 61' above 5" LT.
CC: \$12,444.
- 11/20/97 **LD 4½" CO tools.**
EOT @ 10,820'. RIH w/4½" CO tools. Tag fill @ 13,630'. Mill on fill @ 13,630' to 13,661'. Made 31' in 3 hrs. Quit making hole, acts like iron on btm. RD power swivel. POOH w/4½" CO tools, EOT @ 3400'.
CC: \$17,789.
- 11/21/97 **Cont PU tbg.**
EOT 3400'. POOH & LD 94 jts 2½" tbg & 4½" CO tools. MIRU Cutters WLS. RIH w/GR-CCL log tools, log from 12,800' to 10,881'. RDMO Cutters WLS. PU 5"x18# HD pkr. RIH PU 2½"x8.7# eue tbg & 3½" x 9.3# P-110 eue tbg. EOT 5705'.
CC: \$25,666.
- 11/22/97 **WO Dowell acid job.**
EOT @ 5705'. Cont RIH PU 3½" P-110 x 9.3# eue tbg, set & rel 5" pkr @ 12,710'. EOT @ 12,710'.
CC: \$30,278.
- 11/23/97 **WO Dowell acid job.**
CC: \$32,369.
- 11/24/97 **WO Dowell acid job.**
CC: \$34,429.
- 11/25/97 **Swabbing.**
Set 5" HD pkr @ 12,710'. MIRU Dowell. Pump 100 bbls TPW dn csg, no psi, Cont to pump 1 BPM dn csg thru job. Test sfc lines to 9947#. Acidize perf interval from 12,728'-13,628' w/8000 gals 15% HCL + additives. IFL 12,634', had to shut dn 2 times to fix leaks. MTP 9245# @ 42 BPM, ATP 7000# @ 18 BPM. ISIP 3100#, 15 min 0. Total load 490 bbls, div good. Rel 5" HD pkr @ 12,710', POOH & LD 54 jts 3½" P-110 tbg. Set 5" HD pkr @ 10,970'. Fill csg w/185 bbls TPW, test 500#, ok. Hold psi on csg. Test sfc 9700#, ok. Acidize perf interval from 11,074'-12,697' w/9000 gals 15% HCL. IFL 11,000', MTP 9125# @ 32 BPM. ATP 8300# @ 28 BPM. ISIP 2200#, 10 min 0. Total load 556 bbls, div good, RDMO Dowell. RU 3½" swab equip. Start swabbing, IFL 7100', made 8 runs, rec 40.5 BW, PH 6, FFL 9102'.
CC: \$88,411.
- 11/26/97 **SD, WOO.**
SITP 75#, blow dn 2 min, start swabbing. IFL 9000', 100' of entry overnight, made 4 runs, rec ½ BW, PH 6, FFL 9100', RD swab equip. MIRU, RIH w/log w/trace & temp. 12,996'-13,055' entry, 13,462'-13,633' thief. 55-60 BPD thief w/5% oil, temp 213°, RD well info svc.
CC: \$98,584.
- 11/27-28/97 **SD for holiday.**
- 11/29/97 **Fin LD 2½" tbg.**
Rel 5" HD pkr, POOH LD 286 jts 3½" tbg. Change equip over to 2½" tbg, LD 15 jts 2½" tbg, EOT 1355'.
CC: \$101,485.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROADHEAD #1-21B6 (ACIDIZE WASATCH)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 60.93% AFE: 27363

- 11/30/97 **Fin RIH w/pump.**
POOH, LD 2 $\frac{1}{8}$ " tbg & pkr. PU RIH w/solid plug, 1 jt 2 $\frac{1}{8}$ " tbg, 4 $\frac{1}{2}$ " PBGA, 8' 2 $\frac{1}{8}$ " sub 7 jts 2 $\frac{1}{8}$ " tbg, 7" MSOT A/C. RIH w/2 $\frac{1}{8}$ " tbg, set A/C @ 10,433', SN @ 10,675'. ND BOP, NU WH. PU 1 $\frac{1}{4}$ " pump, RIH w/rods, EOP @ 7225'.
CC: \$106,700.
- 12/1/97 **On production.**
RIH w/rod, seat pump @ 10,675', fill tbg, test to 1000#, ok. Hang well off. Place well on production.
Pmpd 38 BO, 76 BW, 0 MCF, 6.8 SPM, 17 hrs.
CC: \$109,209
- 12/2/97 Pmpd 84 BO, 49 BW, 3 MCF, 6.8 SPM, 24 hrs.
- 12/3/97 Pmpd 40 BO, 95 BW, 20 MCF, 6.8 SPM, 24 hrs.
Prior prod: Pmpd 26 BO, 96 BW, 22 MCF.
Final report.

**Coastal Oil & Gas Corporation
Attachment**

Ute Tribal #2-21B6
SE/SE Sec. 21-T2S-R6W
No. 14-20-H62-2589
43-013-31424
Duchesne County, UT

Ute 1-28B6
NW/NE Sec. 28-T2S-R6W
No. 14-20-H62-4612
43-013-30510
Duchesne County, Utah

Ute 1-27-B6
Sec. 27-T2S-R6W
No. 14-20-H62-4613
43-013-30510
Duchesne County, Utah

Ute 2-22B6
SE/SE Sec. 22-T2S-R6W
No. 14-20-H62-4614
43-013-31444
Duchesne County, UT

Ute 2-28B6
NW/SE Sec. 28-T2S-R6W
No. 14-20-H62-4622
43-013-31434
Duchesne County, Utah

Ute 2-27B6
SW/NE Sec. 27-T2S-R6W
No. 14-20-H62-4631
43-013-31449
Duchesne County, Utah

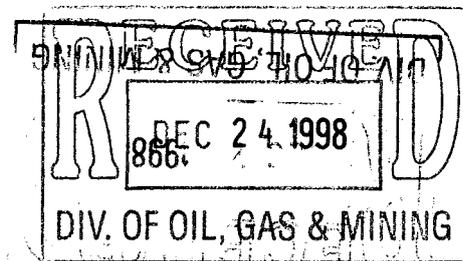


December 23, 1998

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

ATTENTION: Sally Ostler

Re: Broadhead #1-21B6
NW/NE Sec. 21-T2S-R6W
CA No. UTU-58744- Patented
43-013-30100
Uintah County, Utah



Dear Sally,

Enclosed you will find the original and two copies of the Sundry Notice and Reports on Wells (including attachment), for the above referenced location.

Please do not hesitate to contact me at (435) 789-4433, if you have any questions, or need additional information.

Respectfully,


Cheryl Cameron
Environmental Analyst

cc: UDOGM
Enclosures

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
176 S. 1500 E. • P.O. BOX 1148 • VERNAL UT 84078 • 801 789-4433 • FAX 801-789-4436

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

PHONE NUMBER:

168 South 1200 East CITY Vernal STATE Utah ZIP 84078 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"/> 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>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)

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JUN 19 2001

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 11 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

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

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall

David L. Siddall
Vice President

Attest:

Margaret E. Roark

Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

MAR 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
BROADHEAD 1-21B6	43-013-30100	1595	21-02S-06W	FEE	OW	P
1-5C4	43-013-30532	2345	05-03S-04W	FEE	OW	S
DUCHESNE COUNTY 1-17C4	43-013-30410	5325	17-03S-04W	FEE	OW	S
MOON TRIBAL 1-30C4	43-013-30576	5440	30-03S-04W	FEE	OW	S
PHILLIPS UTE 1-3C5	43-013-30333	5455	03-03S-05W	FEE	OW	S
VODA UTE 1-4C5	43-013-30283	5655	04-03S-05W	FEE	OW	S
SMITH DAVID U 1-6C5 (CA 70553)	43-013-30163	5505	06-03S-05W	FEE	OW	S
SMITH ALBERT 2-8C5	43-013-30543	5495	08-03S-05W	FEE	OW	P
SMITH BROADHEAD 1-9C5	43-013-30316	5500	09-03S-05W	FEE	OW	S
SHRINE HOSPITAL 1-10C5	43-013-30393	5485	10-03S-05W	FEE	OW	S
SMITH JOSEPH 1-17C5	43-013-30188	5510	17-03S-05W	FEE	OW	S
VODA JOSEPHINE 2-19C5	43-013-30553	5650	19-03S-05W	FEE	OW	P
JENSEN FENZEL 1	43-013-30177	4524	20-03S-05W	FEE	OW	S
FEE 2-20C5	43-013-30550	4527	20-03S-05W	FEE	OW	P
CEDAR RIM 2	43-013-30019	6315	20-03S-06W	FEE	OW	S
CEDAR RIM 2-A	43-013-31172	10671	20-03S-06W	FEE	OW	P
CEDAR RIM 8-A (CA 96-89)	43-013-31171	10666	22-03S-06W	FEE	OW	P
2X-23C7	43-013-31634	11929	23-03S-07W	FEE	OW	S
MOON 1-23Z1	43-047-31479	10310	23-01N-01W	FEE	OW	P
J ROBERTSON UTE 1-1B1 (CA 9C-130)	43-047-30174	5370	01-02S-01W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

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

5. If **NO**, the operator was contacted 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 Communitization 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: 07/06/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/06/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/06/2001

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: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: CA 96-39
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY		8. WELL NAME and NUMBER: BROADHEAD 1-21B6
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		9. API NUMBER: 4301330100
4. LOCATION OF WELL FOOTAGES AT SURFACE: 540' FNL, 2610' FEL		10. FIELD AND POOL, OR WILDCAT: ALTAMONT/BLUEBELL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 21 2S 6W		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: 5/25/2006	<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: TBG LEAK
	<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.

05/21/06
RU HYDRA TEST TRUCK. CONTINUE IN HOLE W/ 238 JTS OUT OF DERRIK & 79 JTS YELLOW BAND BROUGHT IN FROM YARD, HYDRA TESTING TO 8500 PSI. FOUND LEAK IN JT 199 (OUT OF DERRIK) FROM DEPTH OF 6231' & 1 JTS OF YELLOW BAND FROM YARD. SDFN.

05/23/06
HSM.SITP-0,SICP-20.BWD.ND BOP. SET 7" TAC AT 10,475' W/ PSN AT 10,698' AND EOT AT 10,770'. NU WELL HEAD. FLUSH TBG W/ 60 BBLS HOT TPW.X-OVER FOR RODS. PU AND PRIME NEW 2-1/2"X1-1/4"X28' RHBC. RIH W/ 9-1" W/G. RIH AND LD 158-3/4".PU NEW 158-3/4" (49 SLK,109 W/G) RUN SAME 130-7/8" (62 SLK,30 W/G,38 SLK) AND 60-1" SLK. SWIFN.

05/24/06
HSM.SITP-0.CSG TO TREATER. FIN RIH W/1" RODS. HAVE 129-1" SLK. SPACE OUT W/ 1-2"X1" SUB AND PU POLISH ROD. FILL TBG W/ 45 BBLS TPW. STROKE AND P-TEST TO 1000 PSI. GOOD. RU PUMING UNIT. PU H. HEAD AND HANG RODS. RDSU. PUT UP FENCE .TURN OVER TO PRODUCTION 5/25/06.

NAME (PLEASE PRINT) <u>CHERYL CAMERON</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>5/24/2006</u>

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: CHANGE OF 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 PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <i>Cheryl Cameron</i>	DATE 6/20/2006

(This space for State use only)

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

(5/2000)

(See Instructions on Reverse Side)

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JUL 05 2006
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: 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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			7. UNIT or CA AGREEMENT NAME: CA 96-39
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.			8. WELL NAME and NUMBER: Broadhead 1-21B6
3. ADDRESS OF OPERATOR: 1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 291-6475	9. API NUMBER: 4301330100
4. LOCATION OF WELL FOOTAGES AT SURFACE: 540' FNL, 2610' FEL			10. FIELD AND POOL, OR WILDCAT: Altamont/Bluebell
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 21 T2S R6W			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 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 Ute Tribal 2-21B6 API# 43-013-31424

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

(This space for State use only)

RECEIVED
AUG 05 2008
DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE - PATENTED
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
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: 540' FNL, 2610' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 21 T2S R6W		8. WELL NAME and NUMBER: BROADHEAD 1-21B6
		9. API NUMBER: 4301330100
		10. 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 type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/28/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>commingle/measure</u> <u>ment</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

THE REFERENCED WELL & UTE 2-21B6 (4301331424) SHARE THE SAME TREATER AND HAVE COMMON ROYALTY OWNERSHIP. EACH MONTH A 24 HR. WELL TEST IS CONDUCTED FOR OIL, GAS AND WATER PRODUCTION. THE PRODUCTION VOLUMES ARE TAKEN FROM THE ORIFICE METER GAS SALES CHART, OIL METER AND WATER METER. THE WELL NOT BEING TESTED IS SHUT IN DURING THE 24 HR TEST PERIOD.

COPY SENT TO OPERATOR

Date: 12.3.2009

Initials: KS

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>SR REGULATORY ANALYST</u>
SIGNATURE <u><i>Marie Okeefe</i></u>	DATE <u>10/28/2009</u>

(This space for State use only)

APPROVED BY THE
OF UTAH
OIL, GAS
DATE 11/30/09
BY: *Dick*

Federal Approval Of This
Action Is Necessary

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	8. WELL NAME and NUMBER: BROADHEAD 1-21B6	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 4301330100000	
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	PHONE NUMBER: 713 420-5038 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0540 FNL 2610 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 21 Township: 02.0S Range: 06.0W Meridian: U	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/19/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
El Paso plans to circulate and clean wellbore and acidize. Please see attached procedure. This is routine ops and a subsequent report will be submitted to BLM.		
		Approved by the Utah Division of Oil, Gas and Mining Date: 08/31/2011 By: <u><i>Dark K. Quist</i></u>
NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Sr. Regulatory Analyst
SIGNATURE N/A	DATE 8/23/2011	

Broadhead 1-21B6

- POOH w/rods, pump, and tubing
- Circulate & Clean wellbore
- Acidize existing perforations (11,074'-13,628') with 45,000 gal of 15% HCL in three separate stages, isolating each stage with retrievable plug and packer
- RIH w/ BHA, tubing, new pump, and rods.

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

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

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See Attached

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

9. API NUMBER:

3. ADDRESS OF OPERATOR:
1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER:
(713) 997-5038

10. FIELD AND POOL, OR WILDCAT:
See Attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **See Attached**

COUNTY:

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

STATE: **UTAH**

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

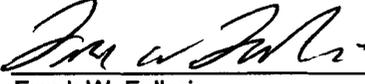
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

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

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


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


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

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medina

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

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

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

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

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

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

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

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	