

FILE NOTATIONS

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

Checked by Chief *SWB*
 Approval Letter *5-3-71*
 Disapproval Letter

COMPLETION DATA:

ate Well Completed
 W..... WW..... TA.....
 N..... OS..... PA.....

Location Inspected
 Bond released
 State or Fee Land

LOGS FILED

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

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Rust et al

9. Well No.

1-4B3

2. Name of Operator

Shell Oil Company (Rocky Mountain Division Production)

10. Field and Pool, or Wildcat

Altamont

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

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

SE/4 NE/4 Section 4-T 2S-R 3W

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

At surface 2030' FNL and 660' FEL Sec 4

At proposed prod. zone

SESENE

12. County or Parrish 13. State

Duchesne Utah

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

3 miles SE of Altamont

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

660'

16. No. of acres in lease

100.88

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 lse

19. Proposed depth

15,000'

20. Rotary or cable tools

Rotary

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

6096 GL (Ungraded)

22. Approx. date work will start*

5-19-71

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.

KIND OF BOP's: Series 900 to 6700' and Series 1500 from 6700' to TD

HOW FREQUENTLY TESTED: Operationally tested daily and press tested after nipling up on all casing strings and as deemed necessary for drilling conditions. All press tests will be recorded on Tour Sheets.

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

24. Signed J.C. Shell Title Division Petroleum Engineer Date April 30, 1971

(This space for Federal or State office use)

Permit No. 43-013-38063 Approval Date

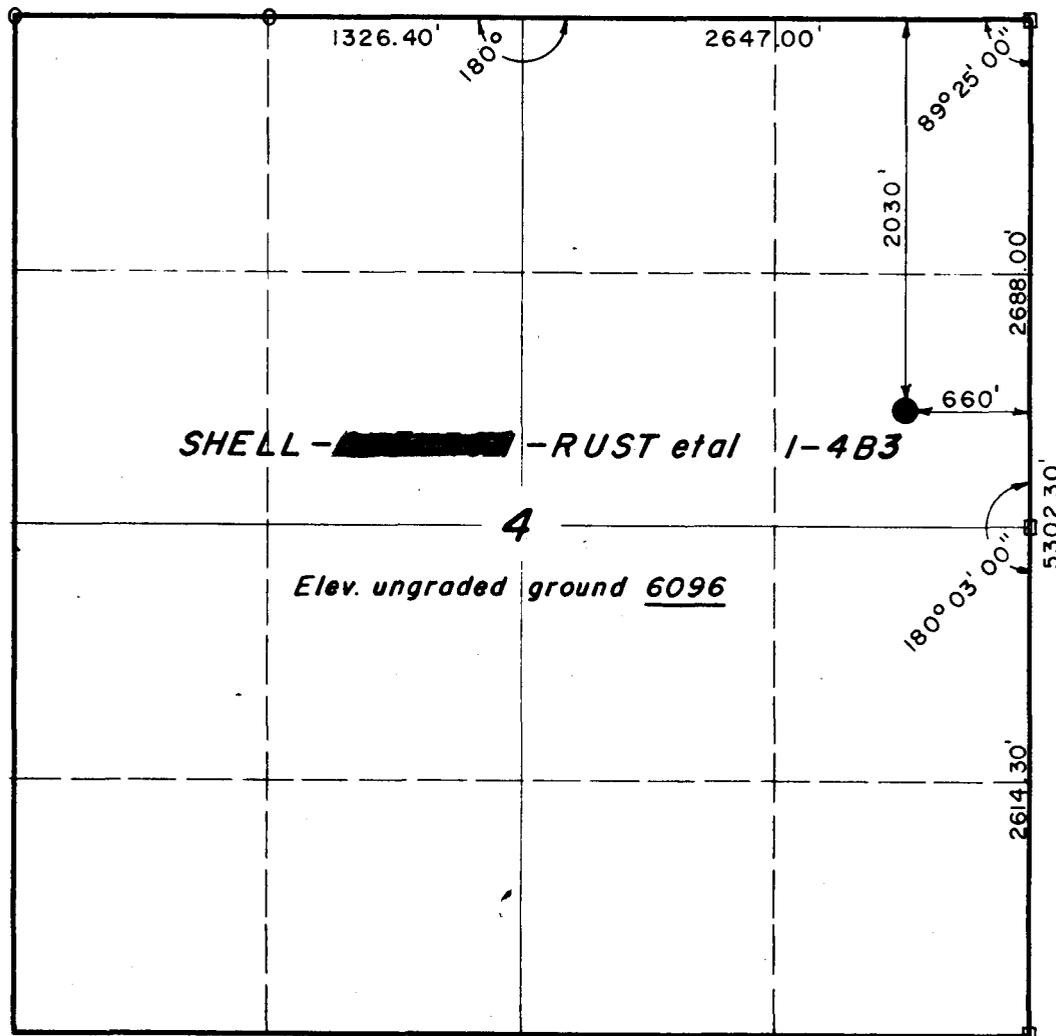
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

T2S, R3W, U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, SHELL-~~XXXXXXXXXX~~
 RUST et al 1-4B3, located as
 Shown in the SE 1/4 NE 1/4
 Section 4, T2S, R3W, U.S.B.&M.
 Duchesne County, Utah.



CERTIFICATE

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
 THE NOTES OF A FIELD SURVEY 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

- O = Corners Located (Stone)
- = Corners Re-established (Bolts)

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

SCALE 1" = 1000'	DATE 8 March, 1971
PARTY L.K. H.M. D.H.	REFERENCES GLO Plats <i>N</i>
WEATHER Fair	FILE SHELL OIL CO.

May 3, 1971

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Rust et al #1-4B3
Sec. 4, T. 2 S, R. 3 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

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

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. The API number assigned to this well is 43-013-30063.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

2

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Shell Oil Company (Rocky Mountain Division Production)

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 2030' FNL and 660' FEL Sec 4
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Rust et al

9. WELL NO.
1-4B3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/4 NE/4 Section 4-T 2S-R 3 W

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUNDED 6-9-71 16. DATE T.D. REACHED 9-10-71 17. DATE COMPL. (Ready to prod.) 10-21-71 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6096 GL, 6121 KB 19. ELEV. CASINGHEAD 23.50'

20. TOTAL DEPTH, MD & TVD 13,983 21. PLUG, BACK T.D., MD & TVD --- 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)*
Green River-Wasatch 12,088-13,834

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL/SP, BHGS-GR w/Cal, FDC/GR, and SNP/GR/Cal

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	313'	17 1/2"	450 SX	0
9 5/8"	47#	6231'	12 1/4"	725 SX	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7 5/8"	6,032	12,036	700	
5 1/2"	11,912	13,980	210	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

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

33.* PRODUCTION

DATE FIRST PRODUCTION 10-21-71 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
12-7-71	24	13/64"	→	891	924	0	1037

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2500	50	→	891	924	0	44°

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

35. LIST OF ATTACHMENTS
Well Log and History, Csg and Cmtg Detail (13 3/8", 9 5/8", 7 5/8" & 5 1/2")

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

SIGNED J.C. Howell TITLE Division Operations Engineer DATE March 7, 1972

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: (SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES)		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	100	150	100-150 SANDSTONE 100-150 SANDSTONE 100-150 SANDSTONE
	150	200	150-200 SANDSTONE 150-200 SANDSTONE 150-200 SANDSTONE
	200	250	200-250 SANDSTONE 200-250 SANDSTONE 200-250 SANDSTONE
	250	300	250-300 SANDSTONE 250-300 SANDSTONE 250-300 SANDSTONE
	300	350	300-350 SANDSTONE 300-350 SANDSTONE 300-350 SANDSTONE
	350	400	350-400 SANDSTONE 350-400 SANDSTONE 350-400 SANDSTONE
	400	450	400-450 SANDSTONE 400-450 SANDSTONE 400-450 SANDSTONE
	450	500	450-500 SANDSTONE 450-500 SANDSTONE 450-500 SANDSTONE
	500	550	500-550 SANDSTONE 500-550 SANDSTONE 500-550 SANDSTONE
	550	600	550-600 SANDSTONE 550-600 SANDSTONE 550-600 SANDSTONE
	600	650	600-650 SANDSTONE 600-650 SANDSTONE 600-650 SANDSTONE
	650	700	650-700 SANDSTONE 650-700 SANDSTONE 650-700 SANDSTONE
	700	750	700-750 SANDSTONE 700-750 SANDSTONE 700-750 SANDSTONE
	750	800	750-800 SANDSTONE 750-800 SANDSTONE 750-800 SANDSTONE
	800	850	800-850 SANDSTONE 800-850 SANDSTONE 800-850 SANDSTONE
	850	900	850-900 SANDSTONE 850-900 SANDSTONE 850-900 SANDSTONE
	900	950	900-950 SANDSTONE 900-950 SANDSTONE 900-950 SANDSTONE
	950	1000	950-1000 SANDSTONE 950-1000 SANDSTONE 950-1000 SANDSTONE

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Running BHP drawdown test.
On 24-hr test, flowed 803 BO, 0 BW, and 832 MCF on 12/64"
chk w/2630 FTP and 50 CP. DEC 3 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, well flowed 1021 BO,
0 BW, and 1078 MCF gas on 12-14/64" chk w/2500 FTP, 50 CP.
Pulled BHP bombs 5 p.m. 12/5/71. (Will disc rept until
well stabilized). DEC 6 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. OIL WELL COMPLETE. ✓ (RRD 12/6/71). On 24 hr
test 12/7/71, well flowed 891 BO, 0 BW, and 924 MCF
(GOR 1037) on 13/64" chk w/FTP 2500 psi from the following
Green River-Wasatch perfs:
12,088-12,102, 12,203-12,221, 12,428-12,435, 12,454-12,472,
12,480-12,497, 12,505-12,512, 12,517-12,524, 12,532-12,542,
12,612-12,629, 12,881-12,892, 12,902-12,910, 12,937-12,954,
13,032-13,041, 13,082-13,086, 13,101-13,114, 13,150-13,158,
13,321-13,329, 13,385-13,395, 13,433-13,437, 13,449-13,457,
13,498-13,505, 13,535-13,548, 13,608-13,623, 13,696-13,703,
13,760-13,766, 13,789-13,804, 13,824-13,834.

Oil Gv. - 44⁰ API at 60⁰.

Test date - 12/7/71. Initial prod date 10/21/71.

Elev: 6096 GL, 6121 KB.

Log Tops:

TGR-2 8,000 (-1879)

TGR-3 9,547 (-3426)

Wasatch 11,030 (-4909)

This well is a four-mile easterly extension of the
Altamont Field.

FINAL REPORT. DEC 9 1971

SHELL OIL COMPANY
 PRODUCTION LABORATORY WATER ANALYSIS REPORT
 DENVER, COLORADO

FROM: - PRODUCTION LABORATORY
 DENVER, COLORADO

LABORATORY NUMBER 10270-5
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 2-11-72
 RESULTS REPORTED 2-14-72

TO: _____

SAMPLE DESCRIPTION

FIELD NO. _____

COMPANY _____ LEASE RUST WELL NO. 1-4B3

SEC. 4 TWP. 2S RGE. 3W SUR. _____

DISTRICT _____ FIELD ALTAMONT COUNTY DUCHESNNE STATE UTAH

SAMPLE TAKEN FROM _____

PRODUCING FORMATION wasatch ~~CHERRY HOLLOW~~ TOP SEC 4-2S-3W

REMARKS

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.002 pH 8.2 RES. 1.19 CHM METERS @ 77° F

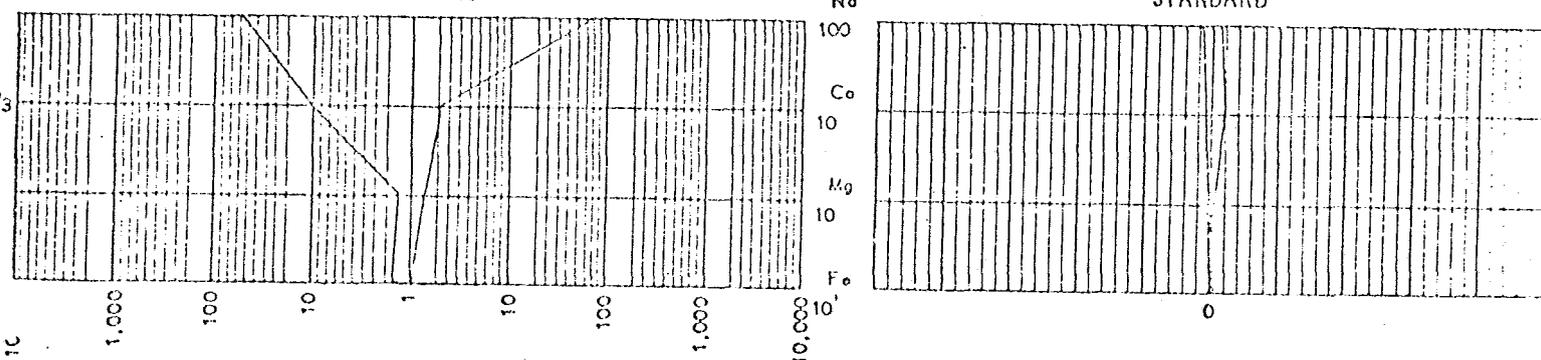
TOTAL HARDNESS Mg/L as CaCO₃ 195 TOTAL ALKALINITY Mg/L as CaCO₃ 580

CONSTITUENT	MILLIGRAMS PER LITER Mg/L.	MILLEQUIVALENTS PER LITER MEQ/L.	REMARKS
CALCIUM - Ca ++	45	2.25	
MAGNESIUM - Mg ++	20	1.64	
SODIUM - Na +	1716	74.63	
BARIUM (INCL. STRONTIUM) - Ba ++			
TOTAL IRON - Fe ++ AND Fe +++			
BICARBONATE - HCO ₃ ⁻	610	10.00	
CARBONATE - CO ₃ ⁼⁼	48	1.60	
SULFATE - SO ₄ ⁼⁼	72	1.50	
CHLORIDE - CL -	2320	65.42	
TOTAL DISSOLVED SOLIDS	4521	157.04	

MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



- () AREA OFFICE
- () DISTRICT OFFICE
- () EXPLORATION MANAGER
- () DISTRICT GEOLOGIST
- () DIVISION OFFICE
- () SHELL DEVELOPMENT - EPR
- () DIVISION EXPL. MANAGER

ANALYST E. H.
 CHECKED _____

DRILLING WELL PROGNOSIS

WELL NAME Shell-Rust et al Unit 1-4B
 TYPE WELL Delineation
 FIELD / AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) 2030' FNL, 660' FEL, Sec. 4-T2S-R3W, Duchesne, Utah

EST. G. L. ELEVATION 6125 PROJECTED TD 15,000 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
26"	20"			30'	SAMPLES:
17 1/2"	13 3/8"			300'	30' sfc to 5000' 10' 5000' to T.D.
12 1/4"	9 5/8"	DIL	1° 1000'	TGR 1 5660' (+480)	CORES: 4 60' cores 9 sidewall cores (3 runs) DST'S: <u>10</u>
8 5/8"	7 5/8" (hung)	DIL SNP/PML FDC/A BHC/AC/GR	1° 1000'	TGR 3 9640 (-3500) "N" Marker 10,485 (-4345)	CEMENT Circulate 13 3/8" casing. See casing programs for other cement requirements. MUD Water 300' to 10,000'
6 1/2"	5 1/2" (hung)	DIL SNP/PML FDC/A BHC/AC/GR	1° 1000'	13,000' Miles Zone 12,660 (-6520)	Gel/Chemical/Weighted 10,000' to T.D.
				TD = 15,000'	See mud program for details.

2 man mud logging unit

ORIGINATOR LAP DATE 3/31/71

ENGINEERING APPROVAL: [Signature]

EXPLOITATION [Signature]

MECH. [Signature] 3-31-71

OPERATIONS APPROVAL:

[Signature]

DIV. DRILLING SUPT.

OIL WELL

SHELL OIL COMPANY

FROM: 6-10 - 12-9-71

WELL NO. SHELL-RUST ET AL
DIVISION ROCKY MOUNTAIN
COUNTY DUCHESNE

ALTAMONT
1-4B3
ELEV 6121 KB
STATE UTAH

PZ

UTAH

NO. UINTA BASIN

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

"FR" 314/130/1/314. Nippling up.
Located 2030' FNL and 660' FEL Section 4-T2S-R3W,
Duchesne County, Utah
Elev: 6096 GL (Ungraded)
15,000' Wasatch Test
Drilling Contractor - Brinkerhoff Drilling Co.
Shell Working Interest - 100%
The Shell-Rust et al 1-4B3 is a Production
Department delineation outstep designed to
evaluate our lease hold interest in the area
east of the Altamont Field. The planned 15,000-foot
total depth will permit evaluation of 1500'
of lithology below the correlative Brotherson 1-3
producing zone.

Spudded 6 a.m. 6/9/71. Dev: 3/4° @ 168'.
Ran 8 jts 13 3/8" 68# K-55 ST&C csg, float shoe @ 313.
Cmt w/450 sx (Dowell) Class "G" w/3% CaCl₂, 15.8 PPG.
Had 20 bbls cmt returns. CIP 9 p.m. 6/9/71. Cut off
conductor, 13 3/8" csg and welded Braden head.
Mud: (gradient .447) 8.6 x 31 JUN 10 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

314/130/2/0. WO BOPE.
Weld & test Braden Head to 1000 psi. SD at 8:00 a.m.
6/10/71. JUN 11 1971
Mud: No mud details

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

1353/130/5/1039. Drilling.
Nippled up BOP's. Tested BOP's and lines w/5000 psi,
hydrl to 4000 psi. Tripped in hole and bit plugged.
Drld cmt & shoe. Tested csg to 1000 psi.
Mud: water JUN 14 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

2315/130/6/962. Drilling. Dev: 1/4° at 1501.
Mud: Water JUN 15 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

2879/130/7/564. Magnafluxing DC's.
Pulled Bit #3 for cracked DC 4th from bottom. Picked
up three DC's. Laid two stabilizers down - 1 washed
out and 1 with cracked pin. JUN 16 1971
Mud: Water

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

3503/130/8/624. Drilling.
Tripped out 12:15 a.m. 6/16/71 looking for hole in pipe.
Magnaflexed DC's - found one cracked stabilizer pin and
one stabilizer washed and body break. Ran DC's in hole;
could only obtain 1100 psi. Pulled DC's and laid down
shock sub. One rubber sleeve split and over DC.
Mud: Water JUN 17 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

3900/130/9/397. Drilling.
Pulled bit due to 300 psi drop. Picked up shock sub
and one stabilizer. Replaced rubber sleeve on stabilizer
90' above bit. Replaced BH reamer. Washed through bridge
at 1850' and 2523'. 60' fill on btm. Lost pump press
and found leak between bit and BH reamer.
Mud: Water JUN 18 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

4386/130/12/486. Drilling. Dev: $\frac{1}{2}^{\circ}$ at 4067'.
Washed 60' and drld junk after leaving cone in hole
from Bit #7. Cleaned up junk and resumed drlg.
Mud: Water JUN 21 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

4665/130/13/279. Drilling. Dev: $\frac{1}{2}^{\circ}$ at 4408.
Washed to bottom 105'. JUN 22 1971
Mud: Water

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

4855/130/14/190. Drilling. Dev: $\frac{3}{4}^{\circ}$ at 4668.
Mud: Water JUN 23 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

5080/130/15/225. Tripping. Dev: $\frac{1}{4}^{\circ}$ at 4860.
Mud: Water JUN 24 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

5300/130/16/220. Drilling.
Mud: (gradient .468) 9 x 32 JUN 25 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

5715/130/19/415. Drilling. Dev: $\frac{1}{2}^{\circ}$ @ 5082.
Drld bridges and washed to btm from 5162-5487.
Mud: (gradient .462) 8.9 x 36 x 20. JUN 28 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

5880/130/20/165. Drilling. JUN 29 1971
Mud: (gradient .468) 9 x 32 x 10

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

6050/130/21/170. Drilling. JUN 30 1971
Mud: (gradient .473) 9.1 x 33 x 10

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

6200/130/22/150. Drilling. JUL 1 1971
Dev: $\frac{1}{2}$ @ 6075.
Mud: (gradient .473) 9.1 x 34 x 9.8

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

6230/130/23/30. Tripping.
RU Schl and ran BHC; failed on first attempt from TD - 313.
Ran Sonic GR and DIL from TD - 313. RD Schl. Took SLM, no
correction. JUL 2 1971
Mud: 9.1 x 34 x 10.

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg at 6231'

6641/130/27/280. Drilling. Dev: 45°S24W @ 6216.
Ran 154 jts 9 5/8" CF-95 47# 8rd LT&C csg. Bkr
self-fill float shoe @ 6231, collar @ 6159. Washed out
35' fill (6196-6231). Circ btms up. Cmt'd (Dowell)
csg w/350 sx 50:50 poz, 2% gel, 14.2#/gal. Tailed in
w/375 sx Class "G" neat cmt. 15.8#/gal. Full returns &
reciprocated. Displaced w/447 bbls mud. Plug down 5:15
a.m. 7/3/71.
On 7/4/71, nipped up AP spool, tested to 3,000 psi. Nipped
up and tested BOP to 5,000 psi, hydril to 4,000 psi, HRC
valve and Kelly Cock would not test 5000 psi. Made up btm
hole assembly. JUL 6 1971
Mud: (gradient .473) 9.1 x 34 x 10.8.

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg at 6231'

6918/130/28/277. Drilling. JUL 7 1971
Mud: (gradient .473) 9.1 x 30 x 8.8

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg at 6231'

7185/130/29/267. Drilling. JUL 8 1971
Mud: (gradient .478) 9.2 x 32 x 8.6

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg at 6231'

7462/130/30/277. Drilling.
Mud: (gradient .473) 9.1 x 32 x 9.6. JUL 9 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg at 6231'

7975/130/33/513. Tripping. Dev: 3 1/2° @ 7831, 3 1/4° @ 7975.
Fished for 3 broken cones.
Mud: (gradient .494) 9.5 x 35 x 8.0 (Oil 5%) JUL 12 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

8061/130/34/86. Drilling.
Drld on junk and rec'd all cones.
Mud: (gradinet .494) 9.5 x 35 x 8.2 (Oil 5%) JUL 13 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

8290/130/35/229. Drilling.
Mud: (gradient .494) 9.5 x 35 x 8.2 (Oil 5%) JUL 14 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
14,000' Wasatch Test
9 5/8" Csg at 6231'

8387/130/36/97. Tripping. JUL 15 1971
Mud: (gradient .499) 9.6 x 36 x 8.0 (Oil trc)

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
14,000' Wasatch Test
9 5/8" Csg at 6231'

8444/130/37/57. Drilling.
Mud: 9.6 x 37 x 7.8 (Oil trc) JUL 16 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
14,000' Wasatch Test
9 5/8" Csg at 6231'

8950/130/40/224. Drilling.
Mud: 9.2 x 34 x 10.2 (Oil 3%) JUL 19 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
14,000' Wasatch Test
9 5/8" Csg at 6231'

9104/130/41/154. Drlg. Dev: 5 1/4° @ 9054.
Mud: 9.1 x 34 x 10.4 (Oil 1%) JUL 20 1971

Shell-Rust et al 9362/130/42/258. Drilling.
No. 1-4B3 Mud: (gradient .126) 9 x 35 x 11.6 (Oil 1%) JUL 2 1 1971
(D) Brinkerhoff
14,000' Wasatch Test
9 5/8" Csg at 6231'

Shell-Rust et al 9576/130/43/214. Tripping for leak.
No. 1-4B3 Mud: 9.0 x 35 x 11.8 (Oil 1%) JUL 2 2 1971
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

Shell-Rust et al 9656/130/44/80. Drilling.
No. 1-4B3 Picked up 14 jts JW DP, x-over DC shock sub, and BH reamer.
(D) Brinkerhoff Laid down 15 jts 4½" DP. Changed flowline valves. Had rig
15,000' Wasatch Test repairs.
9 5/8" Csg at 6231' Mud: 8.9 x 33 x 11.6. JUL 2 3 1971

Shell-Rust et al 10,432/130/47/776. Drilling.
No. 1-4B3 Mud: (gradient .468) 9.0 x 35 x 8.8 (Oil 1%) JUL 2 6 1971
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

Shell-Rust et al 10,540/130/48/108. Drilling. Dev: 5¼" @ 10,434.
No. 1-4B3 Mud: (gradient .473) 9.1 x 34 x 8.8 (Oil 1%) JUL 2 7 1971
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

Shell-Rust et al 10,830/130/49/290. Drilling.
No. 1-4B3 Mud: 9.1 x 35 x 8.8 JUL 2 8 1971
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

Shell-Rust et al 11,102/130/50/272. Tripping.
No. 1-4B3 Mud: (gradient .478) 9.2 x 33 x 8.2 (Oil 1½%) JUL 2 9 1971
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg at 6231'

Shell-Rust et al 11,206/130/51/104. Drilling.
No. 1-4B3 Mud: (gradient .478) 9.2 (Oil 1½%) JUL 3 0 1971
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg @ 6231'

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg @ 6231'

11,407/130/54/201. Drilling. Dev: 3 3/4° @ 11,200.
Mud: (gradient .488) 9.4 x 40 x 7.8 (Oil 1%). **AUG 2 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg @ 6231'

11,608/130/55/201. Drilling.
Mud: (gradient .488) 9.4 x 41 x 7.8 (Oil 1%) **AUG 3 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg @ 6231'

11,741/130/56/133. Drilling.
Mud: (gradient .509) 9.8 x 40 x 8.0 (Oil 1%) **AUG 4 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" csg @ 6231'

11,865/130/57/124. Drilling.
Mud: (gradient .520) 10 x 40 x 7.6 (Oil 2%) **AUG 5 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg @ 6231'

11,892/130/58/27. Mixing LCM. Raised mud wt from 10 to 10.4 ppg. While drlg ahead, had drlg break from 11,874-888. Well began to flow. Shut well in & had 0 psi on DP & csg. Raised mud wt to 10.8ppg, mud cut from btm to 6.5 ppg w/20% oil by volume. Raised wt to 11.4 ppg. Circ btms up w/100% returns - mud cut from btm to 8.7. Raised weight to 11.7 and well began losing returns. Cut wt in pits & adding LCM.
Mud: (gradient .598). 11.5 x 47 (LCM 20%) **AUG 6 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg @ 6231'

12,041/130/61/149. Circ and adding LCM. On 8/6/71 raised mud wt to 12.0 ppg. Drld ahead to 11,945. on 8/7/71, circ btms up w/20 unit gas increase. Pulled 43 stds. Could not get hole to take mud. Went back to btm and had 150 bbls gain in pits. Circ through chk. In 1 hr, oil increased from 20 to 30%. Raised mud wt to 12.4 ppg. On 8/8/71, lost 130 bbls mud. **AUG 9 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg @ 6231'

12,041/130/62/0. Logging.
Reamed tight hole at 11,318-380 and 15' fill on btm.
Mud: (gradient .660) 12.7 x 65 x 4.4 (LCM 30%) (Oil 20%).
AUG 10 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg @ 6231'

12,041/130/63/0. Circulating. Dev: 3°S 21°W @ 12,020.
Ran logs as follows: BHC Sonic GR/Cal, DIL/SP, FDC/GR, SNP/GR (tool malfunctioned). **AUG 11 1971**

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
9 5/8" Csg @ 6231'

12,041/130/64/0. Running 7 5/8" liner. AUG 12 1971
Mud: (gradient .660) 12.7 x 49 x 4.4 (LCM 29%) (Oil 20%)

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" Liner @ 12,036'

12,041/130/65/0. WO RTTS tool.
Circ & built mud wt. Laid down DP & DC;s. Ran liner
as follows: 144 jts 33.7#/ft Super Flush "P" S-95 7 5/8"
liner. Lost 165 bbls mud while running liner. Broke circ
w/no returns. Hung liner w/20% returns. No returns while mixing
cement, 30% while displacing. Cemt'd w/700 sx 60-40 pozmix, 10%
gel, and .5% D-13R, 12.8 ppg. Bumped plug w/2000 psi. CIP 3:45
8/12/71. Top of liner - 6032, fill collar - 11,915, shoe at
12,036. 5 belly springs missing from liner setting tool. WOC 12
hrs. No cmt on top of liner. Press'd up csg to 500 psi and bled
back to 300 psi. AUG 13 1971
Mud: (gradient .660) 12.7 x 49 x 4.4 (Oil 20%)

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" Liner @ 12,036'

12,041/130/68/0. Drlg.
Tested top of liner to 2000 psi, ok. Set RTTS tool at 5961.
Pmp'd in at rate of 3 B/M at 1600 psi. Mixed 200 sx (40 bbls)
Class "G" cmt w/.3% D-13, 3/4% D-65. Displaced top of cmt
to 5981. Left 3 1/2 bbls cmt in 9 5/8". Final sqz press - 2000
psi. Picked up 3 1/2" DP and collars. Drld cmt and shoe at
12,036. Milled on iron. AUG 16 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" Liner @ 12,036'

12,067/130/69/26. Drilling
Mud: 12.8 x 47 x 4.8 (LCM 4%) (Oil 9%) AUG 17 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" Liner @ 12,036'

12,138/130/70/71. Drilling.
Mud cut from 13.3 to 11.8. Oil increased 9% to 15%.
Gained approx. 75 bbls.
Mud: 13.6 x 53 x 4.8 (Oil 14%) AUG 18 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,220/130/71/82. Drilling.
Mud: 14.0 x 54 x 4.6 (Oil 12%) AUG 19 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,290/130/72/70. Drilling.
Mud: 14.0 x 64 x 4.8 (Oil 12%) AUG 20 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,540/130/75/67. Drilling.
Gas kick at 12,490 - 300 psi on DP. Circ through chk.
Mud: 14.8 x 61 x 4.8 (Oil 10%). AUG 23 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,630/130/76/90. Drilling.
Mud: 15.1 x 49 x 48 (Oil 8%).
AUG 24 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,730/130/77/100. Drilling.
Mud: (Gradient .790) 15.2 x 52 x 5 (Oil 8%). AUG 25 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,783/130/78/53. Tripping.
Mud: (Gradient .800) 15.4 x 58 x 4.8 (Oil 8%) AUG 26 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

12,840/130/79/57. Drilling.
Mud: 15.4 x 55 x 4.8 (Oil 7%). AUG 27 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

13,100/130/82/260. Drilling
Mud: (Gradient .800) 15.4 x 58 x 4.8 (Oil 4%). AUG 30 1971

Shell-Rust et al
No 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

13,166/130/83/66. Tripping.
Mud: 15.4 x 58 x 4.8 (Oil 4%). AUG 31 1971

Shell-Rust et al
No 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

13,221/130/84/55. Drilling.
Mud: (Gradient .800) 15.5 x 55 x 4.4 (Oil 8%).
SEP 1 1971

Shell-Rust et al 13,311/130/85/90. Drilling. SEP 2 1971
No. 1-4B3 Mud: (Gradient .821) 15.8 x 64 x 4.6 (Oil 8%).
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

Shell-Rust et al 13,418/130/86/107. Drilling. SEP 3 1971
No. 1-4B3 Mud: 15.8 x 54 x 4.4 (Oil 6%).
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

Shell-Rust et al 13,840/130/90/422. Drilling.
No. 1-4B3 Mud: (Gradient .811) 15.6 x 60 x 4.2 (Oil 4%). SEP 7 1971
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

Shell-Rust et al 13,933/130/91/93. Drilling. SEP 8 1971
No. 1-4B3 Mud: 15.7 x 57 x 4.2 (Oil 4%).
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

Shell-Rust et al 13,978/130/92/45. Tripping to log.
No. 1-4B3 Mud: (Gradient .811) 15.6 x 58 x 4.2 (Oil 4%). SEP 9 1971
(D) Brinkerhoff
15,000' Wasatch Test
7 5/8" liner @ 12,036'

Shell-Rust et al 13,978/130/93/0. Cond hole to log.
No. 1-4B3 Ran logs as follows:
(D) Brinkerhoff

Log	Interval
BHC Sonic/GR/Cal	13,978-12,036
SNP/GR/Cal	13,978-13,200
DIL/SP	13,978-12,036

SEP 10 1971
Conditioning to re-run SNP/GR/Cal.
Mud: (Gradient .821) 15.8 x 63 x 4.2 (Oil 4%).

Shell-Rust et al 13,983/130/96/0. Circ bottom's up.
No. 1-4B3 Ran 47 jts 5 1/2" 20# S00-95 SFJ-P liner @ 13,980'. Shoe @ 13,980
(D) Brinkerhoff collar @ 13,855, top of liner @ 11,912. Cem't'd w/50 sx 25:75
15,000' Wasatch Test poz, 2 % gel, and 160 sx Class "G" containing 10% salt, 30%
5 1/2" liner @ 13,980' Silica flour. Bumped plug w/2,000 psi. Plug down 9:10 p.m.
9-11-71. Full returns throughout job.
Picked up 3 1/2" DP. Laid down 27 DC's. Raised mud weight to
16.2. Tagged top of liner @ 11,912 after WOC 19 hrs. Circ
btms up. After circ 55 min, circ through chk 1 hr. Raised
mud weight to 16.2. SLM 13,978 = 13,983 (5' correction).
Mud: (Gradient .842) 16.2 x 63 x 4.0 (Oil 4%). SEP 13 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner @ 13,980'

13,983/130/97/0. WOC. Set Hal E-Z drill cem retainer at 11,700. Mixed 300 sx (62 bbls) Class "G", 10% salt, and .8% D-45. Unable to reach sqz press over liner lap. Pulled out of retainer.
Mud: (Gradient .847) 16.3 x 61 x 4.0 (Oil 4%). SEP 14 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/97/0. WOC. WOC 20½ hrs. Sqx 2½ reverse l. Stung into Howco E-Z drill retainer at 11,700. Dowell pumped away 34 bbls Class "G" w/10% salt, 8% D-13 at 2500 psi build up for 15 min. Reversed out 26 bbls cmt. CIP 10:30. Laid down 4½" DP. Ran in w/6½" bit, junk sub, (3) 4¼" DC's & 3½" DP to drill out retainer.
Mud: (Gradient .847) 16.3 x 61 x 4.0 (Oil 4%). SEP 15 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/98/0. Cleaning out cmt. Drld on plug w/6½" bit. Drld out plug and cem at 11,895. Retainer turning under bit.
Mud: 16.1 x 58 x 4.4 (Oil 4%). SEP 16 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/99/0. Preparing to squeeze 7 5/8" to 9 5/8". Tested 7 5/8" to 5½" lap w/1700 psi for 15 min, ok. Tested 7 5/8" to 9 5/8" w/2000 psi, ok. Pmpd down at rate of 240 gals/min. Pumped 4 bbls away.
Mud 16.1 x 60 x 4.4. SEP 17 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/102/0. WOC. Set RTTS tool at 5751. Mixed 150 sx Neat cem w/10% salt trtd w/.3% D-13. Pmpd 11 bbls into 7 5/8-9 5/8" liner w/3,000 psi and reversed out 19 bbls. CIP 10 a.m. 9-17-71. Pulled RTTS tool. WOC. Tagged cem top at 5759'. Drld hd cmt. Bit stopped at 6022'. Tested to 1,000 psi. Circ 1 hr. Tested lap to 1,000 psi, ok. Ran 148 jts 7 5/8" S-95 33.7# liner. Cmt'd w/csg 12' above top of liner w/200 sx Class "G", 12# / sx barite and .1% D-13R. Started 5:15 a.m. 7-20-71. Bmpd plug 6:30 a.m. w/2,000 psi. 30 bbls wtr ahead. Tagged liner at 6034'.
Mud: (Gradient .837) 16.1 x 54 x 4.6 (Oil 3%) SEP 20 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/103/0. Drlg cmt at 5958. WOC 10 hrs. Set slips and cut 7 5/8" csg. Nippled up. Tripped and tested BOP's to 2,000 psi.
Mud: 14.7 x 45 x 5.0 (Oil 2%). SEP 21 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/104/0. Tripping. Drilled hard cmt from 5925-6049. Tested 7 5/8" tie-back w/2000 psi for 15 min. Picked up 2 7/8" DP & DC's.
Mud: (Gradient .774) 14.9 x 50 x 5.0 (Oil 2%). SEP 22 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/105/0. Logging. Washed and scraped from 12,849-13,855. Drld float collar at 13,855 and cmt to 13,925.
Mud: (Gradient .821) 14.8 x 57 x 5.0 (Oil 2%) SEP 23 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test
5½" liner at 13,980'

13,983/130/106/0. Logging.
Mud: 14.6 x 46 x 5.2 (Oil 2%). SEP 24 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. MORT. SEP 27 1971
Displaced mud w/Moab brine treated w/83# KL per 1,000 gals and 13 qts Visco N-15C per 50 bbls and 10# Visco 3106 per 200 bbls. Pulled and laid down DP. Set Model "D" pkr w/flapper valve on WL at 11,800'. Removed BOP stack and installed 5½" csg spool. Reinstalled BOP stack. Ran 125 jts 5½" 14# K-55 csg and hung for heat string at 4986. Removed BOP stack and installed tbghd spool w/6" 5,000# BOP's. Ran 375 jts 2 7/8" 6½# N-80 tbg w/Bkr Model "C" expendable plug holder w/Bkr Model "C" expendable plug, 2 7/8" NU 10rd thrd collar on bottom, 10" x 2 7/8" OD full-opening prod tube, Bkr anchor seal assembly w/two seal units, Bkr Model "FL" on-off seal connector w/2.25 ID plug nipple. Stung into Model "D" pkr and press tested tbg to 7500 psi. Landed tbg. Removed 6" 5,000# BOP's and installed Xmas tree and press tested to 7500 psi. Press tested annulus to 3,000 psi. Everything held ok. Released rig 12 midnight 9-26-71

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Well SI for battery construction. SEP 28 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Well SI for battery construction. SEP 29 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. WOOR. SEP 30 1971

Shell-Rust et al TD 13,983. Well SI for battery construction. OCT 1 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al TD 13,983. Well SI for battery construction. OCT 4 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980.

Shell-Rust et al TD 13,983. Well SI for battery construction. OCT 5 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al TD 13,983. Well SI for battery construction. OCT 6 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al TD 13,983. Well SI for battery construction. OCT 7 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al TD 13,983. Well SI for battery construction. OCT 8 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al TD 13,983. SI for battery construction. OCT 11 1971
No 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al TD 13,983. SI for battery construction. OCT 12 1971
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. SI for battery construction. OCT 13 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Prep to perf. MI&RU OWP. Ran in w/collar locator, mechanical jar & 250# sinker bars to knock out plug in btm of tbg. Jarred for 1½ hr w/no success. SI overnight. MI&RU hot oiler. Pressured tbg & plug to 3500 psi. Knocked out tbg plug in 10 min. Pulled out of hole and ran in to obtain PDC log. Sonde did not work correctly. SI overnight. Ran PDC log from 11,700-13,910. Perf the following intervals w/2 jets/ft using 2" steel carrier tube gowinder perf gun (OWP): 12,088-12,102, 12,203-12,221, 12,428-12,435, 12,454-12,472. SITP was 0 until on fourth run, went to 40 psi. OCT 14 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Perforating. 13-hr SITP as of 7 a.m. 10-14-71 - 4000 psi. Using OWP's 2" steel carrier tube gowinder, perf'd the following interval w/2 jets/ft: 12,480-12,497. SITP increased to 4250 psi while running in hole; then decreased to 2200 psi while coming out of hole. SITP increased to 4700 psi while going in hole. Perf'd 12,505-12,512 and 12,517-12,524 in same run. Press dropped to 2700 coming out of hole, increased to 4040 going in hole. Perf'd 12,532-12,542. OCT 15 1971
Pulled out of hole. SITP out of hole - 3100 psi. SD overnight.

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Prep to continue perf. SITP at 7 a.m. 10-15-71-3600 psi. Continued perf'g w/OWP's 2" gowinder w/2 jets/ft. Ran in hole, SITP 4100 psi. Perf'd 12,612-12,629. Press dropped to 3800 after perf'g. Pulled out of hole and ran in hole w/4050 SITP. Perf'd 12,881-12,892 w/SITP 3800 psi. Pulled out of hole and ran in hole w/3950 SITP. Perf 12,902-12,910. Pulled out of hole. SD overnight. SITP 7 a.m. 10-16-71 - 3670 psi. Cont'd perf'g w/OWP's 2" gowinder w/2 jets/ft. Ran in hole w/SITP - 4000. Perf 12,937-12,954. SITP 3600 psi. Pulled out of hole. Next gun run--misfired. SD overnight. SITP 7 a.m. 10-17-71--3840 psi. Perf'd 13,032-041, 13,082-086, 13,101-114 w/OWP's 2" gowinder w/2 jets/ft. SITP before each run-3800 psi. SITP after perf each run-3700 psi. SI overnight. OCT 18 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983'. Prep to continue perf'g. SITP 3850. Cont'd perf'g w/OWP's 2" gowinder w/2 jets/ft. Run in hole-SITP 3900. Perf 13,150-13,158. Press dropped to 3800 after perf'g. Pulled out of hole and ran back in hole for second run. Perf 13,321-13,329. SITP 3820, dropped to 3790 after perf'g. Pulled out of hole. OCT 19 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Prep to continue perf. SITP 7 a.m. 10-19-71--
3900 psi. Cont'd perf'g using OWP's 2" gowinder w/2 jets/ft.
Ran in hole-SITP 3890. Perf'd 13,385-13,395--pressure dropped
to 3840 after perf'g. Pulled out of hole and ran in w/second
gun. SITP 3890. Perf'd 13,433-13,437--pressure dropped to
3840 after perf'g. Pulled out of hole. Ran in w/gun #3.
SITP 3880. Perf' 13,449-13,457. Pressure dropped to 3850
after perf'g. Pulled out of hole. SD overnight. OCT 20 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Prep to put well on prod. 7 a.m. 10-20-71 -
SITP 3950. Cont'd perf'g using OWP's 2" gowinder w/2 jets/
ft. Run in hole - SITP 3950. Perf'd from 13,498-13,505.
Press dropped to 3940 after perf'g. Pulled out of hole and
ran in hole w/second gun--SITP 3950. Perf from 13,535-13,548.
Press dropped to 3900 after perf'g. Pulled out of hole, RD
OWP and tied in wellhead line. OCT 21 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Flowing to battery. SITP at 7:30 a.m. 10-21-71
4,000 psi. Op'd well to pits to clean up. Flowed to pits
for 5½ hrs; switched to treater at 1 p.m. 10-21-71. Turned
well over to prod at 3 p.m. 10-21-71. OCT 22 1971
In 17 hrs, flowed 792 BO, 0 BW, Est 1.5 MMCF/D on 39/64" chk
w/300 psi TP.

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Flowing.
On 24-hr tests, rates were as follows:

Date	BO	BW	MCF	Chk	FTP	
10-22	833	0	Est 900	39/64"	250	
10-23	743	0	715	34/64"	200	OCT 25 1971
10-24	645	0	621	34/64"	210	

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Flowing. Flowed 564 BO, 0 BW, and 539 MCF on
30/64" chk w/290 FTP. OCT 26 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 563 BO, 0 BW
on 32/64" chk w/200 FTP. OCT 27 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 474 BO, 0 BW and
429 MCF on 27/64" chk w/240 FTP, 0 CP. OCT 28 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Prep to run prod log with Schl if weather permits.
On 24-hr test, well flowed 394 BO, 10 BW and 361 MCF on 26/64"
chk, w/220 FTP and 0 CP. OCT 29 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 351 BO, 3 BW and
367 MCF on 25/64" chk w/200 FTP. NOV 1 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch
5½" liner at 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 361 BO, 0 BW
and 368 MCF on 24/64" chk w/275 FTP, 0 CP. NOV 2 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch
5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 344 BO, 0 BW
and 285 MCF on 24/64" chk w/250 FTP. NOV 3 1971.

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch
5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 354 BO, 0 BW and
326 MCF on 23/64" chk w/250 FTP. CP 0. NOV 4 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch
5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 315 BO,
22 BW and 321 MCF on 22/64" chk w/250 FTP, 0 CP.
NOV 5 1971

Shell-Rust et al
No. 1-4B3

(D)
15,000' Wasatch
Test
5½" liner at 13,980'

TD 13,983. MI tanks for acid job this a.m.
On 24 hr tests, flowed as follows:

Date	BO	BW	MCF	Choke	FTP	CP	NOV 15 1971
11/12	216	8	300	20/64"	325	0	
11/13	238	4	308	21/64"	200	0	
11/14	248	3	262	20/64"	300	0	

Shell-Rust et al
No. 1-4B3

(D)
15,000 Wasatch Test
5½" liner @ 13,980'

TD 13,983. Acid treating:

On 24-hr test, flowed 216 BO and 2 BW. NOV 16 1971

Shell-Rust et al
No. 1-4B3

(D)
15,000' Wasatch
5½" liner @ 13,980'

TD 13,983. SI to allow Unibeads to melt. SI 20 hrs for acid job. In 4 hrs, well flowed 44 BO, 0 BW, and 42 MCF on 21/64" chk w/225 FTP and 0 CP. MI&RU Hal 11/15/71. Preheated all acid and flush wtr to 80°F. Acidized gross perfs 12,088-13,834 down 2 7/8" tbg w/41,500 gals reg 15% HCl as follows: Press tested all lines to 10,000 psi. Pumped 2,000 gals 15% HCl containing 120# OS-160 Wide-Range Unibeads, 6 gals HC-2, 4 gals 3-N, 4 gals HAI-50, 40# WG-7 followed by 500 gals 15% HCl containing 250# OS-160 Wide-Range Unibeads 1½ gal HC-2, 1 gal 3-N, 1 gal HAI-50 and 10# WG-7 followed by seven additional treatments as above. (Total of 8 treatments using 20,000 gal 15% HCl) followed by 5,000 gal 15% HCl containing 300# OS-160 Wide-Range Unibeads, 15gal HC-2, 10 gal 3-N, 10 gal HAI-50, 100# WG-7, and 500 gal reg 15% HCl containing 250# OS-160 Wide-Range Unibeads, 1½ gal HC-2, 1 gal 3-N, 1 gal HAI-50 and 10# WG-7. Repeated twice. (Total acid used in 3 trtmts 16,500 gal) followed by 5000 gal 15% HCl containing 300# OS-160 Wide-Range Unibeads and chemicals as above. Flushed w/5000 gal fresh wtr containing 100# WG-7. Max rate 10 B/M, min rate 6 B/M, avg rate 7 B/M. Max press 9980, min press 6200, avg press 7000. Immediate press drop 6000 to 4600 to 3100 in 30 min. (Load 1108 bbls) Held 2850 psi on annulus during jobs. Shut well in for 24 hrs to allow Unibeads to melt. Job started 11:07 a.m. Job complete 2:04 p.m. NOV 17 1971

Shell-Rust et al
No. 1-4B3

(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Flowing. On 18-hr test, flowed 1580 BO, 275 BW and 2086 MCF on 24/64" chk w/1500 FTP and 0 CP. Op'd well after acid job. Down 6 hrs. NOV 18 1971

Shell-Rust et al
 No. 1-4B3
 (D)
 15,000' Wasatch
 5½" liner @ 13,980'

TD 13,983. Flowing to btry. MI&RU OWP 11/6/71 to continue perf'g. FTP 7 a.m. 11/6/71 - 350 psi on 23/64" chk. Had considerable paraffin buildup from 1500 to 4200' on first run. Tools stopped at 1600' 3890' and 4100' due to paraffin buildup. Perf 13,608 to 13,623 w/(2) 6 gram jets/ft using OWP gowinder gun. FTP 450 psi on 23/64" chk before perf'g, increased to 515 psi after perf'g. Pulled out of hole. Made run #2 - FTP 320 on 23/64" chk before perf'd, increased to 330 after perf'g from 13,696 to 13,703. Pulled out of hole. Made run #3 - perf'd from 13,760 to 13,766. FTP at 220 on 23/64" chk before perf'g and 250 psi after perf'g. Pulled out of hole and made run #4 - perf'd from 13,789-13,804, well had 260 psi FTP on 23/64" chk before perf'g pressure increased to 300 psi after perf'g. Pulled out of hole. SD overnight w/well flowing to battery on 23/64" chk w/275 psi FTP. All perms shot w/2" OWP 6 gram gowinder jets. Made first run. Perf 13,824 to 13,834 w/(2) 6 gram jets/ft w/ OWP gowinder jets. FTP 280 psi on 20/64" chk before perf, dropped to 240 psi after perf'g. Checked PBTB - had 56' fillup. Fillup came up to 13,869. Pulled out of hole and released OWP. Returned well to production.

On 24 hr tests, flowed as follows

Date	Hr Test	BO	BW	MCF	Chk	FTP	CP
11-5	24	309	5	322	25/64"	322	0
11-6	24	276	8	277	20/64"	375	0
11-7	24	265	3	306	20/64"	300	0

NOV 8 1971

Shell-Rust et al
 No. 1-4B3
 (D)
 15,000' Wasatch
 5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 287 BO, 3 BW, and 300 MCF on 20/64" chk w/375 FTP and 0 CP.
 NOV 9 1971

Shell-Rust et al
 No. 1-4B3
 (D)
 15,000' Wasatch
 5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, flowed 268 BO, 7 BW, and 308 MCF on 20/64" chk w/350 FTP and 0 CP. NOV 10 1971

Shell-Rust et al
 No. 1-4B3
 (D)
 15,000' Wasatch
 5½" liner @ 13,980'

TD 13,983. Flowing
 On 24 hr test, flowed 261 BO, 0 BW, 308 MCF on 20/64" chk w/300 FTP and 0 CP. NOV 11 1971

Shell-Rust et al
 No. 1-4B3
 (D)
 15,000' Wasatch
 5½" liner @ 13,980'

TD 13,983. Flowing. On 24 hr test, flowed 260 BO, 19 BW, and 308 MCF on 20/64" chk, w/380 FTP, 0 CP. NOV 12 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch
5½" liner @ 13,980'

TD 13,983. Flowing.
On 24-hr test, flowed 2020 BO, 193 BW and 2400 MCF on 26/64"
chk w/1325 FTP & 0 CP. NOV 19 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Flowing.
On 24 hr tests, flowed as follows:

Date	BO	BW	MCF	Choke	FTP	CP	
11/19	1389	32	1419	20/64"	1470	0	NOV 22 1971
11/20	1520	41	1580	20/64"	1210	0	
11/21	1248	11	1261	20/64"	1450	0	

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Flowing. On 24-hr test, well flowed 989 BO,
3 BW and 1038 MCF on 15/64" chk w/FTP 1920. CP 0. NOV 23 1971

Shell Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Flowing. On 24 hr test, well flowed 1581 BO,
41 BW, and 1745 MCF on 32/64" chk w/FTP 800. NOV 24 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner at 13,980'

TD 13,983. SI for BHPS.
On 11/24, 12-hr test, flowed 965 BO, 39 BW, and 798 MCF on
32/64" chk w/680 FTP and 50 BP. SI 12 hrs for BHPS.
On 11/25, 11/26, and 11/27, SI 24 hrs for BHPS.
On 11/28, 12-hr test, flowed 638 BO, 1 BW and 955 MCF on
12/64" chk w/3290 FTP, 50 BP. SI 12 hrs for BHPS. NOV 29 1971

Shell Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Running BHP drawdown test.
On 24-hr test, flowed 921 BO, 1 BW, and 910 MCF on 12/64"
chk w/3,000 FTP, 0 CP. Bombs in hole for drawdown. NOV 30 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. SI for BHP.
On 24-hr test, flowed 873 BO, 0 BW, and 754 MCF on 12/64" chk
w/2860 FTP, 0 CP. DEC 1 1971

Shell-Rust et al
No. 1-4B3
(D)
15,000' Wasatch Test
5½" liner @ 13,980'

TD 13,983. Running BHP drawdown test.
On 24-hr test, flowed 826 BO, 0 BW and 832 MCF on 12/64"
chk w/FTP 2760 and 0 CP. DEC 2 1971

PMB

UTAH

NO. UINTA BASIN

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

"FR" 314/130/1/314. Nippling up.
Located 2030' FNL and 660' FEL Section 4-T2S-R3W,
Duchesne County, Utah
Elev: 6096 GL (Ungraded)
15,000' Wasatch Test
Drilling Contractor - Brinkerhoff Drilling Co.
Shell Working Interest - 100%
The Shell Rust et al 1-4B3 is a Production
Department delineation outstep designed to
evaluate our lease hold interest in the area
east of the Altamont Field. The planned 15,000-foot
total depth will permit evaluation of 1500'
of lithology below the correlative Brotherson 1-3
producing zone.

Spudded 6 a.m. 6/9/71. Dev: 3/4° @ 168'.
Ran 8 jts 13 3/8" 68# K-55 ST&C csg, float shoe @ 313.
Cmt w/450 sx (Dowell) Class "G" w/3% CaCl₂, 15.8 PPG.
Had 20 bbls cmt returns. CIP 9 p.m. 6/9/71. Cut off
conductor, 13 3/8" csg and welded Braden head.
Mud: (gradient .447) 8.6 x 31 JUN 10 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

314/130/2/0. WO BOPE.
Weld & test Braden Head to 1000 psi. SD at 8:00 a.m.
6/10/71. JUN 11 1971
Mud: No mud details

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

1353/130/5/1039. Drilling.
Nippled up BOP's. Tested BOP's and lines w/5000 psi,
hydril to 4000 psi. Tripped in hole and bit plugged.
Drld cmt & shoe. Tested csg to 1000 psi.
Mud: water JUN 14 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

2315/130/6/962. Drilling. Dev: 1/4° at 1501.
Mud: Water JUN 15 1971

Shell-Rust et al
No. 1-4B3
(D) Brinkerhoff
15,000' Wasatch Test

2879/130/7/564. Magnafluxing DC's.
Pulled Bit #3 for cracked DC 4th from bottom. Picked
up three DC's. Laid two stabilizers down - 1 washed
out and 1 with cracked pin. JUN 16 1971
Mud: Water

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

KB to CHF: 23.50'

Shoe joint started in hole at 6-9-71.

Ran 8 jts 13 3/8", smls, 68# K-55 casing to 313'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
8	68#	K-55	ST&C	New	316.22	0	313

8 Jts. Total

Shoe at 313'

No. Make & Type:

3 B&W centralizers: Spaced 6' from shoe; spaced 80' from 260 to 100.

Cementing: Broke circulation 8:15 p.m. Reciprocated and circulated 30 min. With 20 bbls water ahead, cemented through shoe at 313' with 450 sx Class "G" w/3% CaCl₂ (15.8 ppg). Had 20 bbls cmt returns. Wt. 15-8#/gal. Mixing complete in 45 min. Pressure: max 1,000. Plug down 9:00 p.m. 6-9-71. Bled back 0 bbls.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

Ran 154 jts 47# 9 5/8", smls, LT&C/CF95 casing to 6,231'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	ST&C <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
154	47#	CF95	LT&C	New	6,231	0	6,231

154 Jts. Total

Collar at 6,159
Baker Self-fill Shoe at 6,231

No. Make & Type:

6 centralizers.

Cementing: Cmt'd by Dowell w/350 sx 1:1 poz, 2% gel, (14.2 ppg) & 375 sx Class "G" Neat cmt (15.8 ppg). Full returns and reciprocated. Displaced w/447 bbls mud. Plug down 5:15 a.m. 7-3-71.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

Ran 144 jts. 33.7# 7 5/8, smls, SFJ-P/S-95 casing to 12,036'

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	ST&C <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
144	33.7#	S-95	SFJ-P	New	6,004'	6,032'	12,036'

144 Jts. Total

Fill Collar at 11,915
Shoe at 12,036'

Cementing: Broke circ w/no returns. Hung liner w/20% returns while displacing cmt w/700 sx 60-40 poz, 10% gel, and .5% D-13R (12.8 ppg). Tailed in w/435 sx Class "G", 10% salt and .5% D-13, (15.9 ppg). Bumped plug w/2,000 psi. CIP 3:45 p.m. 8/12/71. "5" belly springs missing from liner setting tool. WOC 12 hrs. No cmt on top of liner. Press'd up csg to 500 psi and bled back to 300 psi.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

Ran 47 jts. 20# 5½", smls, SFJ-P/S00-95 casing to 13,980'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
47	20#	S00-95	SFJ-P	New	2,068'	11,912'	13,980'

47 Jts. Total

Top of liner at 11,912'
Collar at 13,855'
Shoe at 13,980'

Cementing: Mixed 50 sx 25-75 poz w/2% gel (14.5 ppg) and 160 sx Class "G" w/10% salt and 30% silica flour (15.8 ppg). Bumped plug w/2,000 psi. Plug down 9:10 p.m. 9/11/71. Full returns throughout cmt job.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

KB to CHF: 23.50'

Shoe joint started in hole at 6-9-71.

Ran 8 jts 13 3/8", smls, 68# K-55 casing to 313'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
8	68#	K-55	ST&C	New	316.22	0	313

8 Jts. Total

Shoe at 313'

No. Make & Type:

3 B&W centralizers: Spaced 6' from shoe; spaced 80' from 260 to 100.

Cementing: Broke circulation 8:15 p.m. Reciprocated and circulated 30 min. With 20 bbls water ahead, cemented through shoe at 313' with 450 sx Class "G" w/3% CaCl₂ (15.8 ppg). Had 20 bbls cmt returns. Wt. 15-8#/gal. Mixing complete in 45 min. Pressure: max 1,000. Plug down 9:00 p.m. 6-9-71. Bled back 0 bbls.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

Ran 154 jts 47# 9 5/8", smls, LT&C/CF95 casing to 6,231'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	ST&C <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
154	47#	CF95	LT&C	New	6,231	0	6,231

154 Jts. Total

Collar at 6,159
Baker Self-fill Shoe at 6,231

No. Make & Type:

6 centralizers.

Cementing: Cmt'd by Dowell w/350 sx 1:1 poz, 2% gel, (14.2 ppg) & 375 sx Class "G" Neat cmt (15.8 ppg). Full returns and reciprocated. Displaced w/447 bbls mud. Plug down 5:15 a.m. 7-3-71.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

Ran 144 jts. 33.7# 7 5/8, smls, SFJ-P/S-95 casing to 12,036'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
144	33.7#	S-95	SFJ-P	New	6,004'	6,032'	12,036'

144 Jts. Total

Fill Collar at 11,915
Shoe at 12,036

Cementing: Broke circ w/no returns. Hung liner w/20% returns while displacing cmt w/700 sx 60-40 poz, 10% gel, and .5% D-13R (12.8 ppg). Tailed in w/435 sx Class "G", 10% salt and .5% D-13, (15.9 ppg). Bumped plug w/2,000 psi. CIP 3:45 p.m. 8/12/71. "5" belly springs missing from liner setting tool. WOC 12 hrs. No cmt on top of liner. Press'd up csg to 500 psi and bled back to 300 psi.

CASING AND CEMENTING

Field: Altamont

Well: Rust 1-4B3

Ran 47 jts. 20# 5½", smls, SFJ-P/S00-95 casing to 13,980'.

<u>Jts.</u>	<u>Wt.</u>	<u>Grade</u>	<u>ST&C</u> <u>LT&C</u>	<u>New</u>	<u>Feet</u>	<u>From</u>	<u>To</u>
47	20#	S00-95	SFJ-P	New	2,068'	11,912'	13,980'

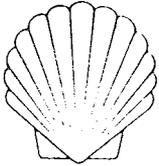
47 Jts. Total

Top of liner at 11,912'

Collar at 13,855'

Shoe at 13,980'

Cementing: Mixed 50 sx 25-75 poz w/2% gel (14.5 ppg) and 160 sx Class "G" w/10% salt and 30% silica flour (15.8 ppg). Bumped plug w/2,000 psi. Plug down 9:10 p.m. 9/11/71. Full returns throughout cmt job.



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

June 2, 1972

Mr. Cleon B. Feight, Director
Utah Oil and Gas Conservation Commission
1588 W. No. Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

This is a request for authorization to commingle treated oil in common storage facilities from two wells in the Altamont Field, Duchesne County, Utah. The two wells are the Shell Et. Al. Powell 1-33A3 and Shell Rust 1-4B3 located as shown on Figure No. 1. The following discussion outlines our proposed system to correctly accomplish commingling and reasons why we are seeking this approval to commingle.

The centralized facility with common tankage for both wells would be located near the currently producing Rust 1-4B3 well site. Figure No. 2 shows the proposed equipment layout at the central facility. The total, untreated effluence from each well flows to individual heater-treaters where the oil, gas and water is separated. The treated oil from the heater-treater will be continuously metered through a Lease Automatic Custody Transfer (LACT) type measuring system prior to flowing into common storage tanks. Tank bottom circulation (treating) from the storage tanks, is to a separate heater-treater to eliminate possible double metering of oil.

The treated oil metering system proposed will utilize several items of equipment currently used by the oil industry for LACT units. Our proposed metering system is shown in Figure No. 3. Treated oil from each lease heater-treater flows through a positive displacement (PD), temperature compensated meter. Samples are taken regularly and stored in a pressurized container for use in determining the average B. S. and W. content and API oil gravity monthly as is the practice in LACT systems. The PD meter will be proved at least every three months by a method in accordance with API Standard 1101. The metering systems for both wells will be identical and operated at approximately the same temperature and pressure. At the end of each month the total of all sales runs from common storage will be allocated back to the individual wells. This allocation will be based on meter readings and corrective meter factors from the two metering systems. We believe this system complies fully with Rule F-1 of the Oil and Gas Conservation Act and will provide a reliable, accurate metering method.

As you are aware, a number of oil wells are currently being drilled and completed in the Altamont Field which are located on 640 acre spacing. The practice has been to install individual production handling facilities at each well site. This was necessary for early wells since they were widely separated, required high volume testing, and well production characteristics needed to be determined. Now, after several wells have been successfully completed and two years of production experience has been obtained, we are looking at consolidation of production handling facilities. Although consolidation is generally desirable from investment and operating standpoints, the wide well spacing and high pour point oil in this field makes consolidation more difficult. Therefore, any area where investment can be reduced will help the economic feasibility of consolidation. Allowing the commingling of oil into common storage will provide an economic incentive to consolidate facilities since it can reduce the storage capacity needed and therefore reduce investment costs. We plan to consolidate other well facilities where possible and anticipate such centralized facilities serving from 2 to 9 wells. Consolidation will also allow installation of less costly and more efficient stock tank vapor recovery systems, waste water disposal systems, artificial lift systems and gas gathering/residue systems.

We believe the proposed commingling method for the two wells to be an accurate and effective means to permit commingling of treated oil from leases of differing royalty interests. Further, authorization to commingle will offer added incentive to consolidate production systems, thereby reducing both capital and operating costs, which in effect can increase ultimate recovery by allowing a lower economic production rate before abandonment.

We would appreciate your early approval of our request to commingle these two wells as discussed above. Should you have questions concerning this request please contact us, and if you desire, you may call Mr. G. L. Sargent of our Mechanical Engineering Section at Area Code 303, 572-2594.

Yours very truly,

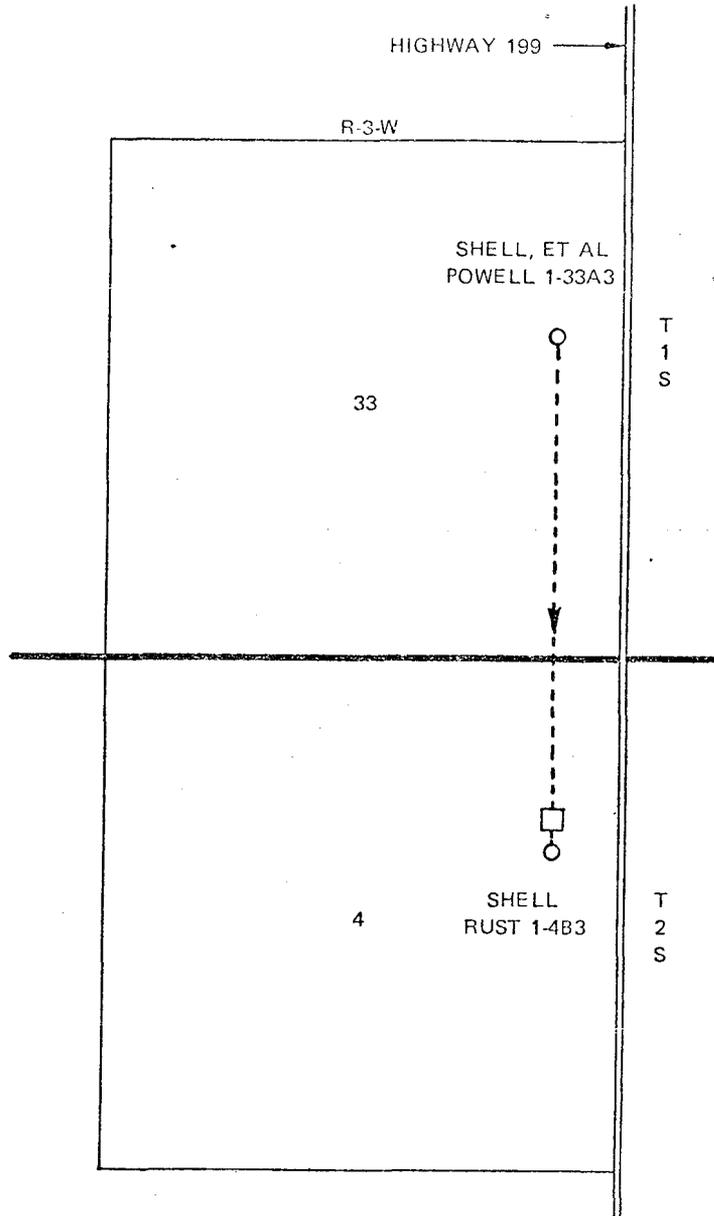


N. J. Isto
Division Production Manager
Rocky Mountain Division

GLS:mls

Attachments

LOCATION PLAT
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH



□ COMMON BATTERY LOCATION
- - - - PROPOSED FLOWLINE



FLOW DIAGRAM FOR PROPOSED CENTRALIZED PRODUCTION FACILITIES ALTAMONT FIELD, UTAH

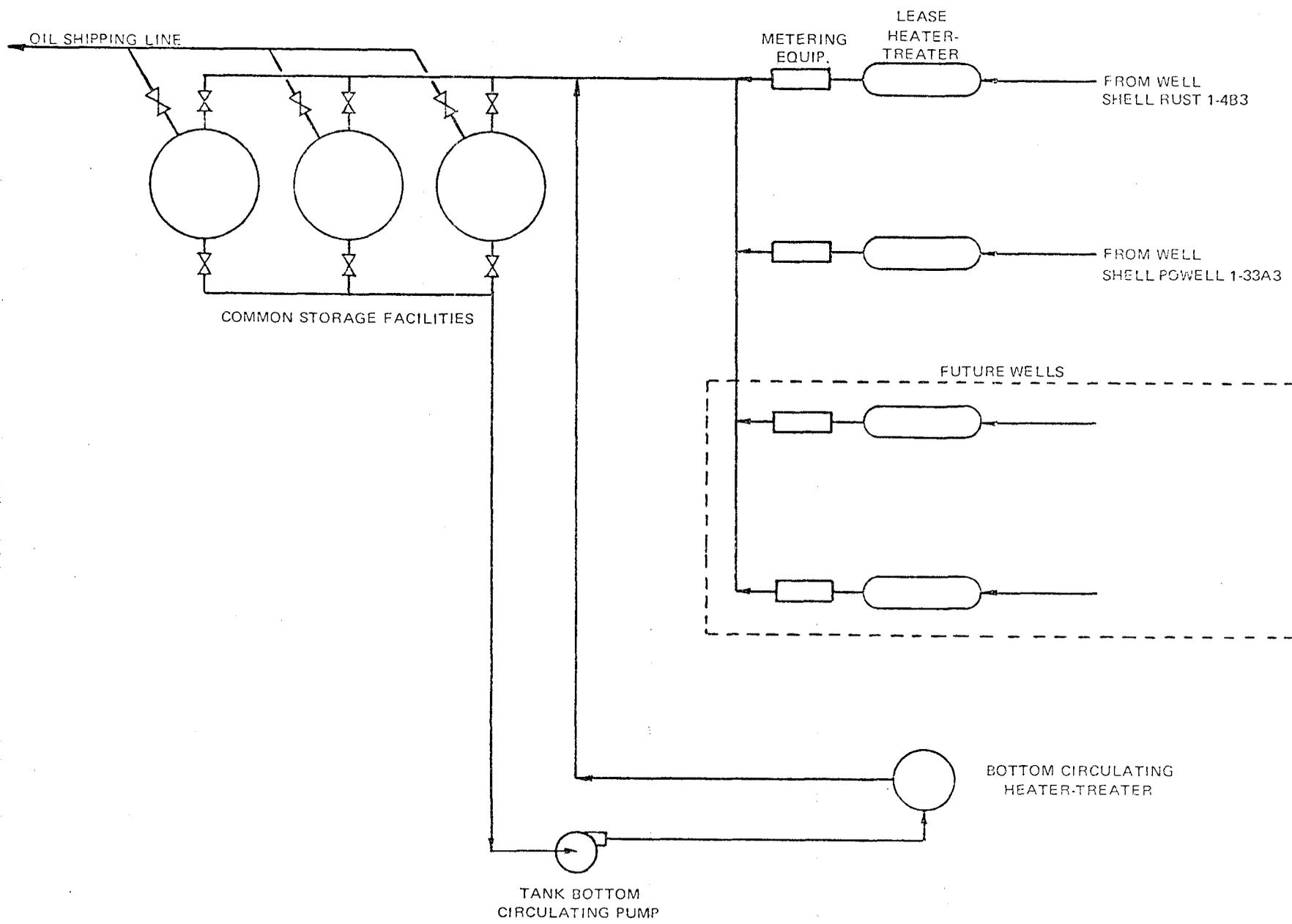
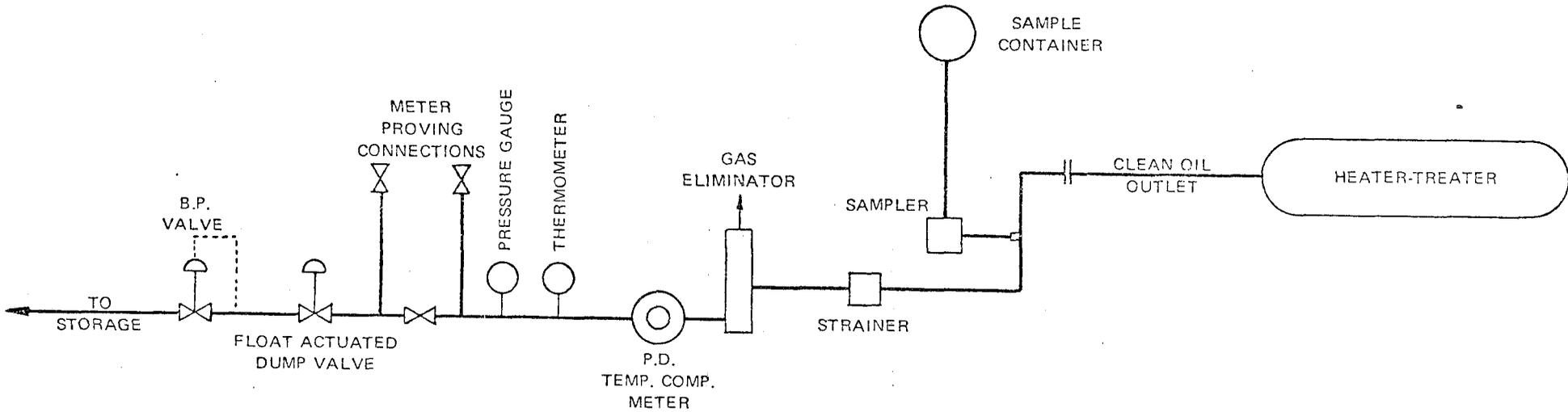


FIGURE 2

FLOW DIAGRAM
PROPOSED METERING EQUIPMENT
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD, UTAH



June 6, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

ATTENTION: N.J. Isto, Division Production Manager

Re: Powell #1-33A3
Sec. 33, T. 1 S, R. 3 W,
~~Rust #1-4B3~~
Sec. 4, T. 2 S, R. 3 W,
Duchesne County, Utah

Dear Mr. Isto:

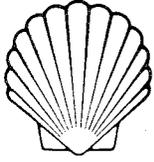
Relative to your letter of June 2, 1972, please be advised that approval to commingle treated oil in common storage facilities from the above referred to wells, is hereby granted.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

July 7, 1972

Re: Request To Commingle
Altamont Field
Duchesne County, Utah

Mr. Cleon B. Feight, Director
Utah Oil and Gas Conservation Commission
1588 West No. Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

This is a request for authorization to commingle treated oil in common storage facilities from wells in the Altamont Field, Duchesne County, Utah. The wells are the Shell Rust 1-4B3, Shell Powell 1-33A3 and Shell Lottridge Gates 1-3B3 located as shown on Figure No. 1. We have previously received your approval to commingle wells 1-4B3 and 1-33A3 by your letter of June 6, 1972, and this request is to allow the addition of well 1-3B3 to the central commingled battery. The following discussion outlines our proposed system to commingle.

The centralized facility with common tankage for the wells would be located near the Rust 1-4B3 well site. Figure No. 2 shows the proposed equipment layout at the central facility. The total, untreated production from each well flows to individual heater-treaters where the oil, gas and water is separated. The treated oil from the heater-treater will be continuously metered through a Lease Automatic Custody Transfer (LACT) type measuring system prior to flowing into common storage tanks. Tank bottom circulation (treating) from the storage tanks, is to a separate heater-treater to eliminate possible double metering of oil.

Our proposed metering system is shown in Figure No. 3. Treated oil from each lease heater-treater flows through a positive displacement (PD), temperature compensated meter. Samples are taken regularly and stored in a pressurized container for use in determining the average B. S. and W. content and API oil gravity monthly as is the practice in LACT systems. The PD meter will be proved at least every three months by a method in accordance with API Standard 1101. The metering systems for the wells will be identical and operated at approximately the same temperature and pressure. At the end of each month the total of all sales runs from common storage will be allocated back to the individual wells. This allocation will be based on meter readings and corrective meter factors from the metering systems. We believe this system complies fully with Rule F-1 of the Oil and Gas Conservation Act and will provide a reliable, accurate metering method.

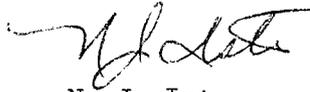
Mr. Cleon B. Feight

2

We believe the proposed commingling method to be an accurate and effective means to permit commingling of treated oil from leases of differing royalty interests. Further, authorization to commingle will offer added incentive to consolidate production systems, thereby reducing both capital and operating costs, which in effect can increase ultimate recovery by allowing a lower economic production rate before abandonment.

We would appreciate your early approval of our request to commingle. Should you have questions concerning this request please contact us, and if you desire, you may call Mr. G. L. Sargent of our Mechanical Engineering Section at Area Code 303, 572-2594.

Yours very truly,

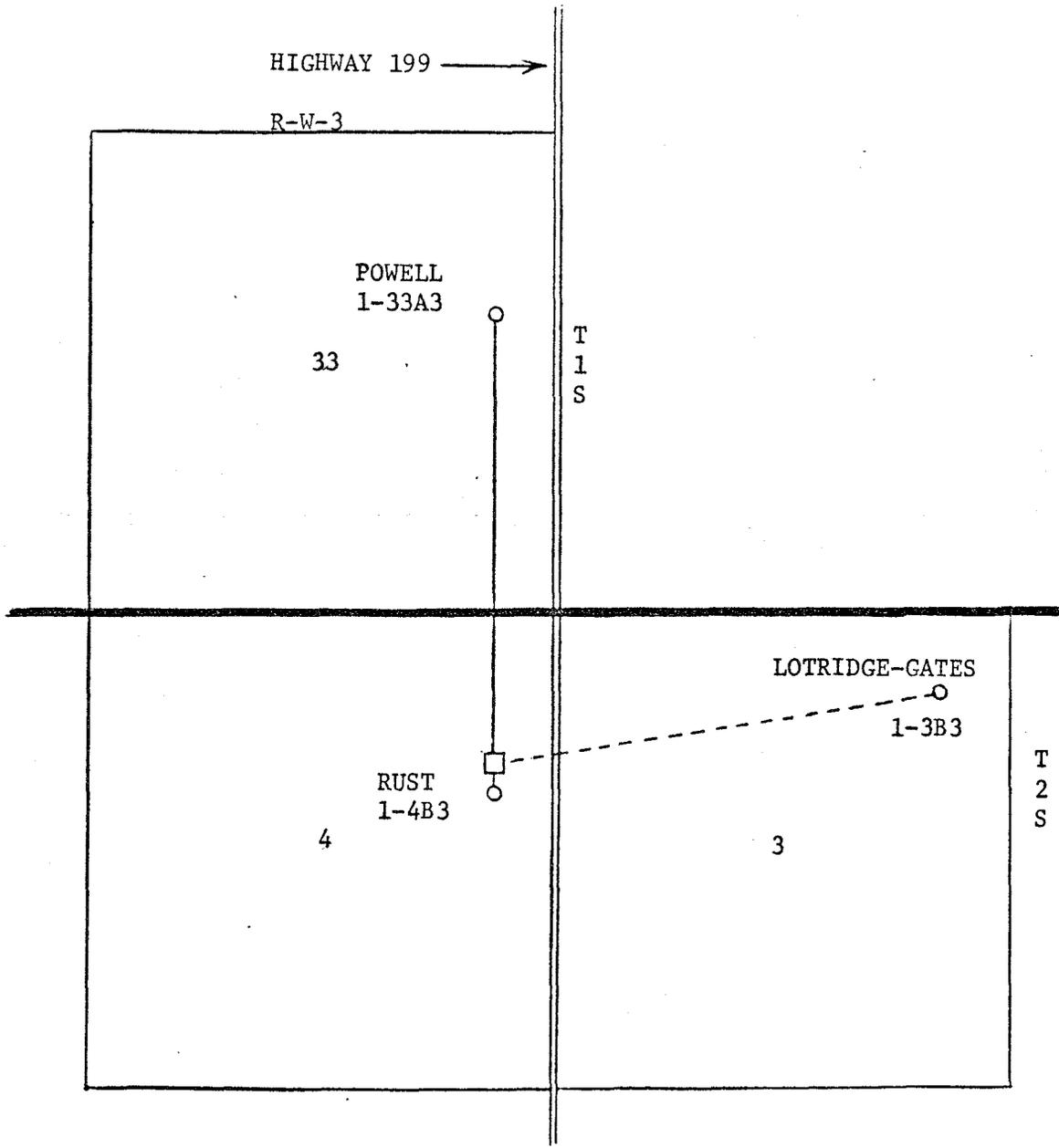


N. J. Isto
Division Production Manager
Rocky Mountain Division

GLS:mls

Attachments

LOCATION PLAT
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

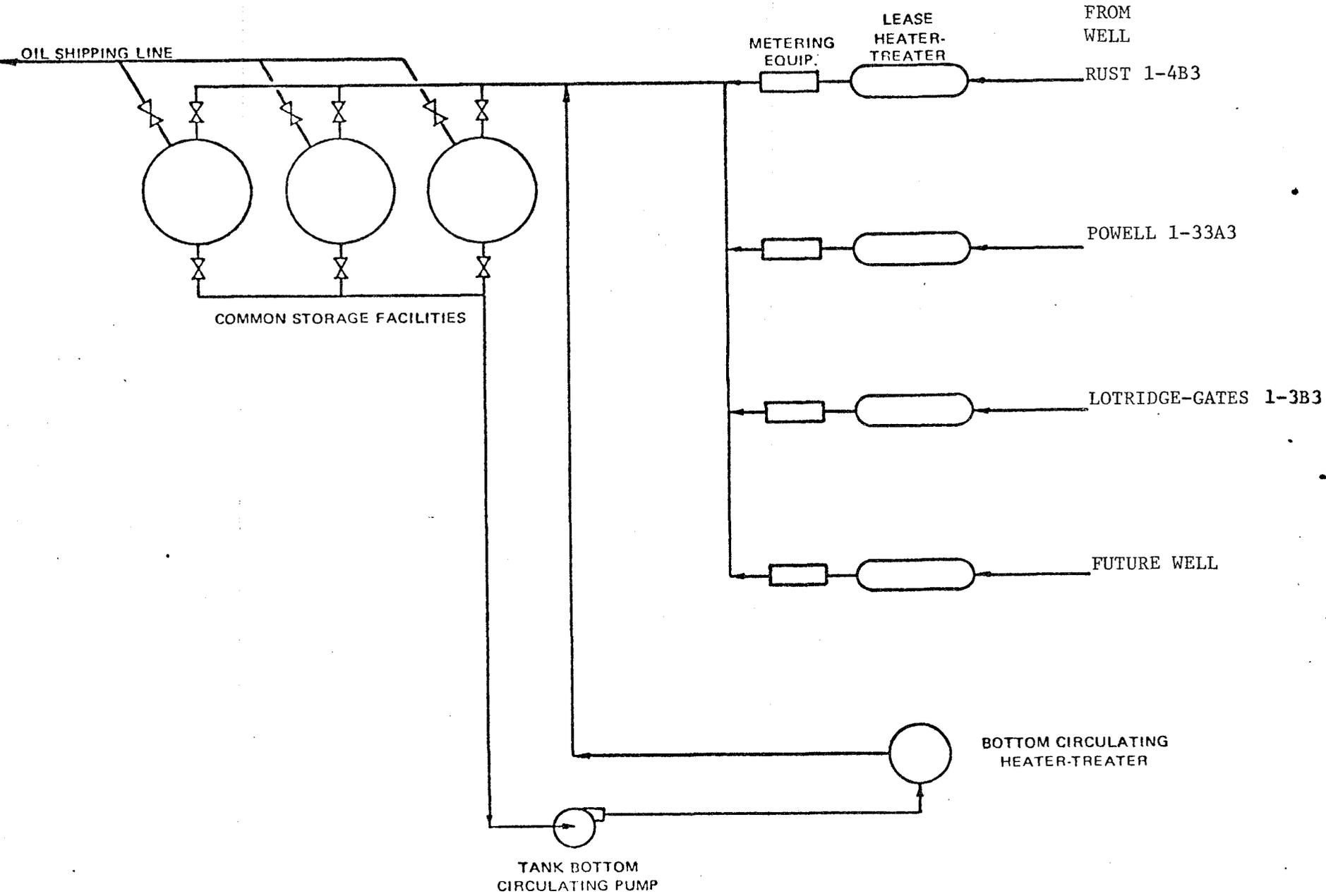


□ COMMON BATTERY LOCATION

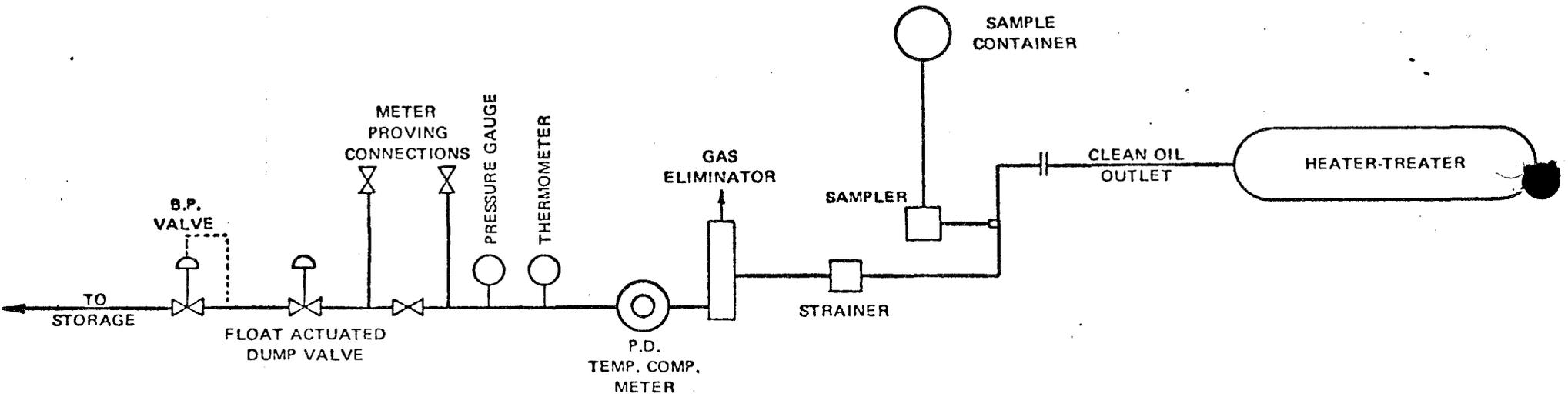
----- PROPOSED FLOWLINE



FLOW DIAGRAM FOR PROPOSED
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD, UTAH



FLOW DIAGRAM
PROPOSED METERING EQUIPMENT
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD, UTAH



July 10, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

ATTENTION: Mr. N.J. Isto, Division Production Manager

Re: ~~Shell-Rust~~ #1-4B3,
Sec. 4, T. 2 S, R. 3 W,
Shell-Powell #1-33A3,
Sec. 33, T. 1 S, R. 3 W,
Shell-Gates #1-3B3,
Sec. 3, T. 2 S, R. 3 W,
Duchesne County, Utah

Dear Mr. Isto:

Relative to your letter of July 7, 1972, please be advised that approval to commingle treated oil in common storage facilities from the above referred to wells, is hereby granted.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.
CASE DESIGNATION AND SERIAL NO.

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.)

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Shell Oil Company

8. FARM OR LEASE NAME

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

9. WELL NO.

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

10. FIELD AND POOL, OR WILDCAT

1-4B3

Altamont

2030' FNL and 660' FEL Section 4

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 NE/4 Section 4-
T2S-R3W

14. PERMIT NO.

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

6121' KB

12. COUNTY OR PARISH

13. STATE

Duchesne

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT & ACIDIZE Sqz &
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE Sept. 25, 1975

P. H. Amundson

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

SIGNED J. W. Kimmel

TITLE Div. Opers. Engr.

DATE 9/24/75

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

cc: Oil & Gas Conservation Commission w/attachment

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
(OPEN SELECT INTERVALS)
SHELL RUST ET AL 1-4B3
SECTION 4-T2S-R3W
DUCHESNE COUNTY, UTAH

9-2-75

PERTINENT DATA:

Elevation: 6121' KB AFE 415687
GL-KB: 25'
TD: 13,983'
PBSD: 13,925' (55' cement)
7 5/8" Liner (33.7# S-95) @ 12,036' w/hanger @ 6032' (squeezed) and
7 5/8" (33.7# S-95) tie-back to surface
5 1/2" Liner Top @ 11,912' (liner lap squeezed w/34 bbls cement)
5 1/2" Liner (20# Soo-95) @ 13,980'
2 7/8" Tubing @ +11,810' (end of production tube)
Packer: Baker Model "D" w/flapper @ 11,800'
Perforations: 12,088'-13,834', 27 zones, 576 holes (2 holes per foot)
treated w/41,500 gals 15% HCl

CURRENT STATUS: Cumulative (7/31/75) 364,991 BO + 55,292 BW (13% W) +
368,896 MCFG (GOR 1011) in 3.8 years. Average daily
production in first half of August 1975 32 BO/D + 179 BW
(85% W), GOR 1012.

PROPOSED OPERATION: Squeeze existing perforations and open rock Classes II
& III to production in two intervals near the M₃ and
M₄ markers.

PROCEDURE:

1. Load hole with produced water, set BPV, replace xmas tree with BOP, remove BPV and pull 2 7/8" tubing and bottom hole assembly.
2. Pull 5 1/2" heat string (14# K-55 hung @ 4986').
3. Run Baker packer plucker assembly; mill and retrieve Baker Model "D" packer.
4. Run 6 1/2" bit to top of 5 1/2" liner @ 11,912' and check top of liner for junk.
5. Pull 6 1/2" bit and run 2 7/8" tubing with 2200' stinger of 2 3/8" tubing (open-ended) to PBSD 13,925'.
6. Establish circulation with produced water (if possible).
7. Mix +70 bbls of cement slurry and pump as follows (flushing/displacing with fresh water):

- a. Pump (circulate) 38 bbls out end of tubing leaving 32 bbls in tubing; estimated slurry/water interface at $\pm 11,800'$ in $2\ 3/8"$ x $7\ 5/8"$ annulus; estimated flush water/slurry interface at $\pm 11,120'$ in $2\ 7/8"$ tubing.
- b. Pull tubing to $11,500'$ from $13,925'$; estimated water/slurry interface at $11,800'$ in $7\ 5/8"$ casing.
- c. Pump (circulate) an additional 32 bbls of water in order to clear (flush) tubing of any remaining slurry.
- d. Pull end of tubing to $10,500'$.
- e. Close BOP and squeeze away 28 bbls of slurry w/positive pressure of 1000 psi.
- f. Hold pressure for overnight before pulling tubing.
- g. Cement slurry should be mixed as follows with Roosevelt city water.....flush tubing (displace) with same water:

Cement - Class G

Gel - 4% by weight of cement (dry blended)

Water - 8.45 gals/sack

Retarder R-6 - 0.5% by weight of cement

Dispersant D-31 - 0.5% by weight of cement

Slurry Weight - 13.8 ppg

Yield - 1.63 cu. ft./sack

API FL @ 200°F - 210 cc

Thickening Time @ 210°F^* - 4 hrs 39 min

Compressive Strength @ 230°F^* - 75 psi in 8 hrs

- 1143 psi in 24 hrs

*Conditions assumed - BHT 230° @ $11,800'$; 250° @ $14,000'$;
pumping rate down $2\ 7/8"$, 4 B/M.

8. Run $6\ 1/2"$ bit/cement mill on $2\ 7/8"$ tubing to top of cement, fill hole (casing) with clean produced water and circulate. Pressure test cement (and casing) to 1000 psi.
9. Clean out cement to top of $5\ 1/2"$ liner @ $11,912'$.
10. Pull tubing and change out $6\ 1/2"$ for $4\ 1/2"$ bit/cement mill.
11. Clean out (drill) cement to original PBSD $13,925'$ (junk on bottom consists of Model "C" expendable plug).
12. Pressure test squeezed perfs to 250 psi, 500 psi, 750 psi, 1000 psi, 1500 psi, and 2000 psi with water.

13. If scraper was not in string, pull tubing and run casing scraper to PBTD \pm 13,925'.
14. After circulating hole clean, spot 22 bbls of 9.5 ppg salt water on bottom (12,935'-13,925'), then spot 14 bbls of densified, gelled 10% acetic acid (12,300'-12,935'). Acetic acid should contain the following (per 1000 gal of acid):
 - 1000# NaCl
 - 16 gal C-9
 - 50# G-25
 - 3 gal J-22
15. Run (on wireline) and set a Baker Retrieva-DA packer in 5 1/2" liner at \pm 11,930'.
16. Run 5 1/2" heat string.
17. Run production equipment as follows (from bottom):
 - a. Baker Model 40FA-36 anchor tubing seal assembly.
 - b. One 30-foot joint 2 7/8" N-80 EUE tubing, one 6' tubing sub w/centralizer.
 - c. Baker Model "EL" on-off connector w/Otis 2.313" "N" profile w/2.255" no-go. On-off connector must be above liner top.
 - d. Approximately 11,900' of 2 7/8" N-80 EUE tubing w/gas lift valves.
 - e. Hydrotest tubing above slips to 7500 psi while going in hole.
18. Latch into packer. Test packer w/20,000# set down and tension. Mark for landing w/5,000 # tension on packer. Sting out of packer and space out. Displace fresh water in annulus w/inhibited water as per Oil Letter No. 1 heated to 100°F. Displace tubing w/clean water containing 2% NaCl heated to 100°F. Land tubing and lock in. Pressure test tubing to 7500 psi w/no pressure on annulus. Hold for 1 hour and observe for bleed off.
19. Install BPV in tubing hanger. Remove BOP stack. Install and nipple up 10,000 psi WP frac tree. Test tree to 10,500 psi. Inject 2+ bbls diesel down all tubing and casing annuli. Retest seals.
20. Perforate (in acid) with one hole at each of the following depths (from bottom upward). Depth reference GR/BHC dated 9-9-71.

12,300	12,398	12,711	12,782
12,306	12,654	12,717	12,785
12,310	12,656	12,723	12,787
12,316	12,659	12,728	12,789
12,319	12,670	12,734	12,793
12,323	12,674	12,739	12,795
12,329	12,676	12,744	12,798
12,337	12,682	12,748	12,805
12,347	12,685	12,752	12,813
12,350	12,689	12,760	12,816
12,360	12,695	12,762	12,819
12,363	12,698	12,765	12,822
12,383	12,702	12,767	12,831
12,386	12,705	12,773	12,837
12,391	12,709	12,779	12,841
12,394			

Total (this operation): 61 holes in 61 zones

Total (including squeezed holes): 637 holes in 88 zones

Note: a. Perforate unidirectionally with 2" steel, hollow-carrier, through-tubing gun decentralized with magnets at top, middle, and bottom of gun assembly. Use Harrison "RT" or Schlumberger Hyperjet 6.2 gm charges. Do not bleed off any pressures.

b. Note and record pressure changes during and after perforating.

21. Acid treat (new) perforations 12,300'-12,398' and 12,654'-12,841' with 250 bbls of gelled 15% HCl acid as follows:

a. Pump 2 bbls of acid and drop one 7/8" RCN ball sealer (S.G. 1.2).

b. Repeat Step 21.a. 121 times for a total of 244 bbls of acid and 122 ball sealers.

c. Pump 6 bbls of acid without Unibeads.

d. Flush with 89 bbls of clean produced water containing 3 gals G-10 per 1000 gals of water.

e. Note: 1) All acid except last 4 bbls (refer to Step 21.c.) to contain the following additives per 1000 gals: 12 gal G-10, 3 gal C-15, 3 gal J-22, 40# OS-130 Wide-Range Unibeads, and 3# 20-40 mesh RA sand.

2) Heat all fluids to 100°F.

3) Place and hole 3,500 psi on tubing-casing annulus.

- 4) Pumping rates - Establish an acid injection rate of 12 B/M. Maintain the rate until wellhead pressure approaches 10,000 psi; thereafter continue injecting acid (and flush) at the maximum possible rates while not exceeding 10,000 psi WHP.
 - 5) "Balling-out" at maximum allowable surface pressure is the object of this treatment; therefore, if "ball-out" occurs before all acid is injected into formation, hold 10,000 psi wellhead pressure on formation for at least 10 minutes before bleeding back. Back-flow briefly, then recommence injecting remainder of acid and ball sealers. If subsequent "ball-out" occurs, repeat the preceding sequence. Do not cut balls from acid until several complete "ball-outs" have occurred.
 - 6) Elevated bottomhole temperature will cause Unibeads to melt after about 30 minutes; therefore, anticipate being able to complete AT (pumping flush) at a high injection rate.
 - 7) Record (instantaneous) shut-down pressure decline overnight with continuous pressure recorder.
22. Run GR log to locate accumulations of RA sand as soon after treatment as possible.
 23. Open well and clean up at maximum rate on 1" choke; record flowing pressures and any shut-in pressures. Keep record of load and ball sealer recovery.
 24. Establish flow capacity after clean up; flow for +2 days at maximum capacity of well and/or facilities.
 25. Run production log survey as follows:
 - a. Collect produced oil and water samples and make analysis.
 - b. Cut wax to insure tubing is clear to 7,000± feet.
 - c. MI&RU Schlumberger mast, lubricator, and production logging equipment; if necessary, rig up lights to permit overnight operation.
 - d. SI well and back down with diesel to 7,000± feet.
 - e. Make dummy run with Schlumberger tools of equal or greater O.D., length, and weight, recording drag each 1,000' from surface to PBD. If excessive drag is encountered, pressure on tubing-casing annulus to 3,000 psi.

- f. Run production combination tool, make FBS calibrations. Get SI Gradio reading above top perforation, and check tool performance.
- g. With tool approximately 200 feet below tubing tail, open well and stabilize at a rate established in Step 24.
- h. After well has stabilized, make a minimum of two passes with Temperature log (both down), four passes with FBS (2 up, 2 down), and two passes with Gradiomanometer (both down). Make repeat passes or stationary readings as necessary to hasten valid measurements, particularly with the Gradiomanometer.
- i. Cut well back to approximately 1/3 to 1/2 rate established in Step 24. and make 2 passes with FBS (1 up, 1 down), one pass with Temperature log (down), and one pass with Gradiomanometer (down). Make repeat passes or stationary readings as necessary to insure valid measurements.
- j. SI well and immediately make down pass with FBS.
- k. After two hours with well SI, make a down pass with FBS, a down pass with Gradiomanometer, and a down pass with Temperature log. Make repeat passes or stationary readings as necessary to insure valid measurements.
- l. If crossflow is indicated in Step 25.k., wait 2 more hours and repeat Step 25.k. If no crossflow is indicated, go to next step.
- m. Pull combination tool and put well on production.

Note: Send copies of final print to:

Shell Oil Company (3)
P. O. Box 831
Houston, Texas 77001
Attn: S. T. Blackburn

Shell Oil Company
1700 Broadway
Denver, Colorado 80202
Attn: L. W. Wooden

- n. Shell engineer to be on location during all production logging operations. Activity will be suspended if well conditions are such that meaningful data cannot be obtained.
26. Open well and flow at stabilized rate for ± 5 days and shut in for BHP build-up and gradient surveys as follows:
- a. Shut in well in order to run bombs.
 - b. Run tandem bombs and maximum recording thermometer (10,000 psi pressure elements and 72-hour clocks; 250°F thermometer).

- c. Run pressure bombs to 12,450'.
- d. Open well and flow for four hours at a rate equal to that prior to shut in; record rates and pressures. Shut in well and back down with +25 bbls of heated diesel.
- e. After +64 hours, pull pressure bombs making ten 10-minute gradient stops at 12,900', 12,000', 11,000', 10,000', 9,000', 8,000', 6,000', 4,000', 2,000', and in lubricator (total elapsed time from start-up of clocks should not exceed 72 hours). Record tubing and casing pressures at time of shut in and at end of survey.

27. Return well to production.

J. A. Stanzione
EDM:sp
9/2/75
ms

J. A. Stanzione
J. A. Stanzione

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rust et al

9. WELL NO.

1-4B3

10. FIELD AND POOL, OR WILDCAT

Altamont

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

SE/4 NE/4 Section 4-
T2S-R3W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

1700 Broadway, Denver, Colorado 80202

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

At surface

2030' FNL and 660' FEL Section 4

14. PERMIT NO.

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

6121' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

Sqz SHOOTING & ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

See attachment

Handwritten initials: J.W. Krumel

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

SIGNED

J.W. Krumel

TITLE Div. Opers. Engr.

DATE 11/13/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Oil & Gas Conservation Commission w/attachment

*See Instructions on Reverse Side

SQZ, PERF & AT
SHELL OIL COMPANY

FROM: 9/30 - 11/12/75

LEASE	RUST ET AL	WELL NO.	1-4B3
DIVISION	WESTERN	ELEV	6121 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

"FR" TD 13,983. PB 13,925. MI&RU. Installed back press valve & removed tree. Installed BOP & tested to 5000 psi, ok. Tried to get off Model D pkr. Circ'd btms up. Latched onto on-off tool. Worked seal assembly loose & pulled Model D pkr @ 11,800; well still flw'g. Circ'd btms up. Pulled tbg. SI overnight. 9/26 Removed tbg spool & installed BOP. Press tested; working string loose. RU csg crew. LD 4986' 5-1/2" 14# heat string. PU Bkr pkr picker & 3 DC's. Installed pack-off. SI overnight. 9/27 Ran in w/Bkr pkr picker to 11,800 & milled out pkr. Worked pkr down to liner top. Wiped top of liner. Found pkr to be 98' above liner top. SI overnight. Circ'd hole clean; well gassing. Spt'd 100 bbls brine wtr to kill well. Pulled Model D pkr; pkr dragging. POOH & LD tools. Singled in 2095' 2-3/8 EUE 8rd tbg open-ended followed w/2-7/8 EUE 8rd; found top of fill @ 11,897'. Pulled up to 13,877 & pmp'd 10 bbls frh wtr ahead of cmt. First 20 bbls mixed was very thin. Total bbls mixed 92 bbls instead of 70 as calculated. Followed slurry w/32 bbls frh wtr. Pulled 12 stds (7550'+). Pmp'd in 28 BW. Pulled 18 stds (11300'+). Pmp'd 14 bbls; pulled 8 stds wet - flw'g back. Pulled to 10,000'; filled hole. Pmp'd in total of 10.5 bbls @ 1000 psi. Held for 30 mins; no loss. Reverse circ'd w/400 psi back press on tbg thru the chk approx 80 bbls. No slurry. Closed in @ 12:45 a.m. w/1000 psi. SEP 30 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. POOH & stood back 2-7/8. Singled down 2095' 2-3/8 tbg. Ran in w/6-1/2 bit & three 3-1/2 DC's to 10,000'. SI overnight.

OCT 01 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Tagged cmt @ 11,540. PU off btm & circ'd hole clean w/hot wtr. CO cmt @ approx 100'/hr to top of liner. Tbg measurements indicated liner top 12' deeper than reported. Circ'd hole clean. Pulled tbg to 6000'. SI overnight.

OCT 02 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. POOH. PU 6 more collars. Assembly from btm up was 4-5/8 mill, crossover, 1 collar, scraper & 8 collars. RIH & found some junk on liner top. Milled thru ok. CO soft cmt to 12,165. Circ'd btms up. Pulled 8 jts. SI overnight.

OCT 03 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. POOH. RU ~~alwell~~ perf'r. RIH to
set pkr in 5-1/2 liner. Could not get thru liner top. POOH.
RD perf'r. Ran in w/6-3/4" tapered mill. CO top of liner
& found tight spt 6' below top of liner. Circ clean. SI
over weekend.

OCT 06 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. POOH. LD 6-3/4" tapered mill. RU
OWP & ran in w/Bkr "Retrieva DA" pkr (4.6 OD). Pkr would
not go. POOH. Ran in w/Bkr 4.437 OD F1 permanent pkr
w/mill-out ext, 2-7/8" 8rd plain pup jt w/expendable plug.
Pkr would not go. POOH & LD tools. While LD tools, noticed
that the mill-out ext & pup jt were full of cmt slurry.
Took sample to BJ to be analyzed; sample weighed 9.2#/gal.
SI overnight.

OCT 07 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. PU 4-5/8" mill, crossover, 6 3-1/2
DC's, crossover, 1724' + 2-7/8 tbg, crossover, 5-1/2" csg
scraper, crossover & remainder of 2-7/8 tbg. Found junk
on top of liner. Set down 20,000#. PU & spud thru w/o
problem. Worked mill thru liner top for 20 mins w/reverse
circ. No more indication of junk. Ran to 12,860.
Reverse circ'd, found 12-15 bbls slurry. Circ'd clean.
CO liner to 13,149.

OCT 08 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. CO to 13,871 (tbg meas); found more
junk. PU off btm & circ'd 1 hr. Press test to 500 psi.
ok; 750 psi, ok; 1000 psi. Bled off 100# in 10 mins. Spt'd
10# salt wtr from 13,871-12,871. Pulled tail to 12,941.
SI overnight.

OCT 09 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Sqz'd 14 bbls acetic acid per prog
from 12,941-12,300. POOH. LD collars. RU OWP & ran in &
set permanent type 43-30 Model F1 retainer prod pkr w/size
30 Model B expendable plug @ 11,930. POOH & RD OWP, power
swivel & changed to 5-1/2" pipe rams. SI overnight.

OCT 10 1975

Shell-Rust et al
1-4B3

TD 13,983. PB 13,925. 10/10: Rigged up csg crew & ran
heat string to 4955'. Installed tbg spools & BOP. Ran in
tbg and latched into pkr - wouldn't stay. Reversed circ-still
no good. Hole clean. Tried to press tbg. Would not press-
plug in packer gone. Stung into packer. SI overnight
10/11: Attempting to pull wire line tools. Stung out
of packer POOH. Found seal assembly with guide nut and
3 seals gone from stinger. Ran new seal assembly with
larger lock in thd. Stung into packer ok. Pulled up 20,000#
and set down 20,000 checked out ok. Spaced out. Rigged up
wire line w/Otis plug to test tubing. Hung up at 300'.
Pulled and worked tools. SI overnight.

OCT 13 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

OCT 14 1975

TD 13,983. /PB 13,925. S.I. Overnight. Circulated heat string with hot water & worked wire line tools free. Reverse circulated tubing clean. Rig up wire line tools and cleaned to 10,000'(+). Set Otis plug. Pumped through plug-test no good. Pressured back side of tubing to 3650 psi for 1-1/2 hrs - no leak off. Retrieved Otis plug.

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. S.I. overnight. Circulated inhibited fresh water per Oil Letter #1, w/approx 2 bbls diesel in 7" annulus. Tried to J back on. Worked tool for 45 min. No luck. POOH w/top half of On & Off Tool. Couldn't find left hand grapple. Ran in w/right hand grapple to fish lower half of On & Off Tool.

OCT 15 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

OCT 16 1975

TD 13,983. PB 13,925. SI overnight. Ran in hole & worked over fish - POOH. Rigged up slick line & ran in with standing valve to 11,930'. Could not shear pin to leave valve in seating nipple - POOH. Dropped valve & followed with sinker bars to TD - POOH. Press tested tbg to 7400 psi - leaked off to 6200 psi in 1 hr. Bled tbg down - closed well in.

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

OCT 17 1975

TD 13,983. PB 13,925. Retrieved standing valve. Pulled 20,000# to test pkr - tested ok. Installed 10,000# tree. Released rig 4:00 p.m. 10/16/75. Report discontinued until test established.

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. 10/17 SI press 1000 psi. MI&RU OWP. Run #1 perf'd interval 12,841-12,682 (38 holes) - end tbg press 1000 psi. Run #2 perf'd interval 12,675-12,302 (23 holes) - start & end tbg press 1000 psi. SI. 10/17 start tbg press 1100 psi. RU BJ & AT 12,300-12,398 & 12,654-12,841 w/250 bbls gelled 15% ECI acid as follows: Pmp'd 2 bbls acid & dropped 1 RCN 7/8" ball sealer (sp gr 1.2) & repeated procedure 121 times for a total of 244 bbls acid & 122 ball sealers. Pmp'd 5 bbls acid w/o Unibeads. Held 3500 psi on tbg-csg annulus. Flushed w/94 bbls clean prod wtr. All acid made up according to prog. Max press 8000 psi, min 6500, avg 6700. Max rate 13 B/M, min 12.5, avg 12.5. ISIP 5200 psi, 5 mins 3800, 10 mins 3100, 15 mins 2900. SI well. 10/18 RE OWP & ran CR log to detect accumulation of RA sd in AT. Start tbg press 600 psi. Started in hole & hit blockage @ 4500'. RU WL Serv. to remove blockage. Fin'd run'g GR log & end tbg press 600 psi. 10/18 Flowback press on well 600 psi. Flwd back approx 250 BW & 2 BO w/very little gas. SI & periodically flwd to pit. 10/19 Flwd approx 50 BW periodically during day. SI well for night.

OCT 20 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. SI.

OCT 21 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. SI.

OCT 22 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. SI.

OCT 23 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. SI to build press.

OCT 24 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On various tests, flwd:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
<u>10/25:</u>	SI to build press					
<u>10/26:</u>	24	205	151	65	20/64"	50
<u>10/27:</u>	24	0	346	65	20/64"	0

OCT 27 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd
0 BO, 199 BW, 18 MCF gas thru 20/64" chk w/0 psi FTP.

OCT 28 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 10
BO, 4 BW, 19 MCF gas thru 20/64" chk w/0 psi FTP.

OCT 29 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 25
BO, 8 BW, 19 MCF gas thru 20/64" chk w/0 psi FTP.

OCT 30 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 34
BO, 369 BW, 65 MCF gas thru 20/64" chk w/50 psi FTP.

OCT 31 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On various tests, flwd:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
<u>11/1:</u>	24	17	175	67	20/64"	50
<u>11/2:</u>	24	18	131	67	20/64"	50
<u>11/3:</u>	24	22	94	84	20/64"	0

NOV 03 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 17
BO, 114 BW, 84 MCF gas thru 20/64" chk w/0 psi FTP.

NOV 04 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 58
BO, 116 BW, 68 MCF gas thru 20/64" chk w/50 psi FTP.

NOV 05 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 16
BO, 103 BW, 70 MCF gas thru 20/64" chk w/50 psi FTP.

NOV 06 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 21
BO, 98 BW, 61 MCF gas thru 20/64" chk w/50 psi FTP.

NOV 07 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

NOV 10 1975

TD 13,983. PB 13,925. Flowing. On various tests, flwd:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>
11/8	24	28	160	61	Prpg
11/9	24	22	75	47	20/64" 53 FTP
11/10	24	7	96	64	20/64" 3 FTP

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. Flowing. On 24-hr test, flwd 25
BO, 22 BW, 58 MCF gas thru 1" chk w/50 psi FTP.

NOV 11 1975

Shell-Rust et al
1-4B3
(Sqz, perf & AT)

TD 13,983. PB 13,925. SQZ, PERF & AT COMPLETE. On 24-hr
test 9/20 before work prod 20 BO, 131 BW, 19 MCF gas thru
1" chk w/50 psi FTP. On 24-hr test 11/11 after work prod
25 BO, 22 BW, 58 MCF gas thru 1" chk w/50 psi FTP.
FINAL REPORT

NOV 12 1975

O.V. B. Daniel

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 2030' FNL and 660' FEL Section 4</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 Rust et al</p> <p>9. WELL NO. 1-4B3</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4 NE/4 Section 4-T2S-R3W</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6121 KB</p>	

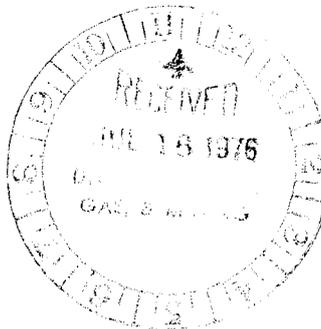
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

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>AT & Install gas lift equip</u> <input checked="" type="checkbox"/>	

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

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

See attachment



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

SIGNED J. W. Linnell TITLE Div. Opers. Engr. DATE 7/15/76

(This space for Federal or State office use)

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

cc: USGS w/attachment

SHELL OIL COMPANY

FROM: 5/5/76 - 7/15/76

LEASE RUST
DIVISION WESTERN
COUNTY DUCHESNEWELL NO.
ELEV
STATEALTAMONT
1-4B3
6121 KB
UTAHUTAHALTAMONTShell-Rust et al
1-4B3
(AT)

"FR" TD 13,983. PB 13,871. AFE #418677 provides funds to pull tbg & pkr, CO to 12,900, run prod equip & AT. MI&RU Western #17. Steamed tree to install BPV in tbg. Removed tree & installed & tested BOP's. Could not pmp down tbg. SI overnight. **MAY 05 1976**

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 13,871. Pull'g prod equip. Circ'd heat string w/190 deg wtr. Could not pmp down tbg @ 9000 psi. Installed tree on top of BOP's to lubricate BPV out of tbg donut. Opened well to pit w/very little returns in 45 mins. Cont'd circ'g heat string; wax plug came free. Flwd well to pit 1 hr. SI well & pmp'd 75 bbls hot prod wtr down tbg. Max press 2500 psi. Bled to 900 psi in 10 mins. Reinstalled BPV in tbg donut & removed tree. Released latch-in seal assembly; tbg on slight vac. Removed BPV. SI overnight.

MAY 06 1976Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 13,871. Circ'd hole w/prod wtr. Fin'd pull'g tbg. RIH on 2-7/8 tbg w/Bkr 5-1/2" pkr picker. Started mill'g on pkr. SI overnight.

MAY 07 1976Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 13,871. Fin'd RIH. Reverse circ 85 bbls to clean up tbg. Stung into ret. MI&RU BJ to cmt sqz. Attempted to est inj rate; could not pmp in. Unstung from ret & could not pmp down tbg & reverse. MI&RU Hot Oil Serv. Heated prod wtr to 180 deg F & circ' d heat string. Could not pmp reverse w/2500 psi. Pmp'd down tbg w/4500 psi. Press broke back & pmp'd 85 bbls hot prod wtr down tbg @ 5 B/M @ 2500 psi. Stung into ret; could not pmp thru ret @ 7000 psi. Unstung from ret several times while pmp'g 1 B/M. Still could not pmp thru ret. RD&MO BJ. SI over Sunday.

MAY 10 1976Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 13,871. POOH w/tbg & stinger; could see no obstruction in stinger. MI&RU OWP to run 1 bailer of cmt on top of cmt ret. RIH to top of ret @ 12,870. Shot chrg & drop'd on top of ret a couple of times. POOH. Bailer full of cmt although chrg fired & glass was broken. RU OWP to run temp log; had problems w/control panel. POOH. SD for night.

MAY 11 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. RU OWP & RIH and dumped 1 sx cmt w/retarder on top of cmt ret @ 12,870. Est PB 12,865. Ran temp log to 12,860. POOH. Perf'd gross interval 12,841-12,301 (61 holes) w/4" csg gun. Run #1 - perf'd 12,841, 12,837, 12,831, 12,805, 12,773, 12,752, 12,748, 12,744, 12,738, 12,734 & 12,717 (11 holes). Had mud in carrier on 12,738 shot. Run #2 - perf'd 12,670, 12,399, 12,364, 12,361, 12,338, 12,331, 12,325, 12,321, 12,318, 12,311, 12,307 & 12,301 (12 holes). Run #3 - perf'd 12,813, 12,822, 12,760-67 & 12,393-95 (10 holes). Run #4 - perf'd 12,779-12,798 (8 holes). Run #5 - perf'd 12,723-28, 12,702-11, 12,385-87 (8 holes). Run #6 - perf'd 7 holes. Run #7 - perf'd 12,654-59 & 12,349-51 (5 holes). RD&MO OWP. SI overnight.

MAY 12 1976

Shell-Rust et al
1-4B3
(AT)

MAY 13 1976

TD 13,983. PB 12,865. RIH w/5-1/2 pkr & +45 seat'g nip w/std'g valve in place. Tested tbg to 7500 psi for 15 mins every 2000'. With 275 jts in, test failed (2nd jt above pkr split). Replaced jt & RIH to 12,240. Press test tbg to 7500 psi for 1 hr; lost 150 psi - test ok. SI overnight.

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Acidiz'g as per revised prog.

MAY 14 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. 5/13 RIH w/overshot on sdline & fished std'g valve. Spt'd 13 bbls 10% wt'd, dbl inh'd, gel'd HCl acid to btm of tbg. Set 5-1/2 loc-set pkr @ 12,240 & bullheaded acid to top of perms. Set tbg on donut w/12,000# tension. Removed BOP's & installed & tested tree. MI&RU BJ to AT gross perf'd interval 12,301-12,841 (288 holes). 10% HCl in place 4.5 hrs when trtmt started. AT w/total of 1302 bbls 7-1/2% HCl. Acid contained 6 gals G10, 3 gals C15, 3 gals J22 & 40# OS160 WR Unibeads/1000 gals acid. Flushed w/84 bbls prod wtr. Max rate 12.5 B/M, avg 10, min 7.5. Max press 8500 psi, avg 8000, min 6700. ISIP 5700 psi; 5, 10 & 15 mins 5700. Held 3500 psi on annulus during trtmt. Bled well back several short times & SITP down to 5400. MI&RU OWP. RIH & obtained temp log across trt'd interval. Had indication of good trtmt. RD&MO OWP. SI well overnight. 5/14 10-hr SITP 2100. Opened well to pit on 45/64" chk for 1/2 hr; FTP drop'd to 150 psi & well flw'g. Released rig 5/14. SI well overnight. 5/15 Installed BPV in tbg donut & installed 5000# tree. 24-hr SITP 3600. Opened well to pit & well immediately prod oil. Turned well to treater. In 20 hrs well flwd 537 BO, 405 BW w/650 MCF gas thru 16/64" chk w/1700 psi FTP. Turned well over to prod.

MAY 17 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 346 BO, 202 BW, 751 MCF gas thru 16/64" chk w/1250 psi FTP.

MAY 18 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 137 BO, 73 BW, 34 MCF gas thru 16/64" chk w/1800 psi FTP.

MAY 19 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 18-hr test, flwd 307
BO, 246 BW, 323 MCF gas thru 17/64" chk w/1000 psi FTP.
MAY 20 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 449
BO, 590 BW, 447 MCF gas thru 25/64" chk w/450 psi FTP.
MAY 21 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On various tests, flwd:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
5/22:	24	343	567	417	25/64"	400
5/23:	13	114	250	195	25/64"	400
5/24:	SI					

MAY 24 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. SI.
MAY 25 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd
356 BO, 177 BW, 512 MCF gas thru 20/64" chk w/400 psi FTP.
MAY 26 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 11-hr test, flwd 173
BO, 70 BW, 165 MCF gas thru 20/64" chk w/1300 psi FTP.
MAY 27 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 204
BO, 260 BW, 298 MCF gas thru 16/64" chk w/600 psi FTP.
MAY 28 1976

Shell-Rust et al
1-4B3
(AT)

JUN 01 1976

TD 13,983. PB 12,865. Flowing. On various tests, flwd:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
5/29:	24	214	404	306	20/64"	450
5/30:	24	248	464	332	25/64"	250
5/31:	24	230	495	398	25/64"	200
6/1:	24	228	392	480	25/64"	200

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 226
BO, 348 BW, 299 MCF gas thru 25/64" chk w/200 psi FTP.
JUN 02 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 276
BO, 378 BW, 388 MCF gas thru 25/64" chk w/200 psi FTP.
JUN 03 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 206
BO, 372 BW, 290 MCF gas thru 25/64" chk w/400 psi FTP.
JUN 04 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On various tests, flwd:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>
6/5:	24	287	408	498	40/64"	100
6/6:	24	177	303	385	38/64"	75
6/7:	24	174	251	294	38/64"	125

JUN 07 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 142
BO, 209 BW, 230 MCF gas thru 38/64" chk w/150 psi FTP.

JUN 08 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 137
BO, 161 BW, 223 MCF gas thru 38/64" chk w/75 psi FTP.

JUN 09 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 166
BO, 327 BW, 207 MCF gas thru 38/64" chk w/100 psi FTP.

JUN 10 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 177 BO,
283 BW, 214 MCF gas thru 38/64" chk w/100 psi FTP.

JUN 11 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On various tests, flwd:

JUN 14 1976

Rept Date	Hrs	BO	BW	MCF gas	Chk	FTP
6/12:	24	148	303	299	38/64"	100
6/13:	24	159	139	198	38/64"	100
6/14:	24	107	296	396	38/64"	150

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 126
BO, 170 BW, 388 MCF gas thru 38/64" chk w/100 psi FTP.

JUN 15 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 109
BO, 155 BW, 240 MCF gas thru 38/64" chk w/100 psi FTP.

JUN 16 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 144
BO, 265 BW, 230 MCF gas thru 38/64" chk w/100 psi FTP.

JUN 17 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 137
BO, 164 BW, 222 MCF gas thru 38/64" chk w/75 psi FTP.

JUN 18 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
6/19:	24	125	260	260	1"	75
6/20:	24	117	197	260	1"	100
6/21:	24	142	225	162	1"	100

JUN 21 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 12-hr test, flwd 53
BO, 88 BW, 144 MCF gas thru 1" chk w/100 psi FTP.

JUN 22 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 157
BO, 215 BW, 228 MCF gas thru 1" chk w/100 psi FTP.

JUN 23 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 111 BO,
200 BW, 252 MCF gas thru 1" chk w/100 psi FTP.

JUN 24 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On 24-hr test, flwd 98
BO, 140 BW, 264 MCF gas thru 1" chk w/100 psi FTP.

JUN 25 1976

Shell-Rust et al
1-4B3
(AT)

TD 13,983. PB 12,865. Flowing. On various tests, flwd:

Rept Date	Hrs	BO	BW	MCF Gas	Chk	FTP
6/26:	24	104	156	283	1"	100
6/27:	24	94	143	283	1"	100
6/28:	24	94	151	283	1"	100

JUN 28 1976

Shell-Rust et al
1-4B3
(AT & Install gas lift
equip)

TD 13,983. PB 12,925. AFE #419564 provides funds for gas
lift. Well flw'g on 1" chk w/100 psi TP (74 BO, 132 BW).
Backed well down w/80 bbls prod wtr. Press tested csg to
1500 psi; bled off 400 psi in 30 mins. Removed tree &
installed BOP's. Released pkr, pulled 600' tbg & circ'd
500 bbls prod wtr down csg & out tbg to pit. Pulled pkr
to 1200' & rig broke down. SI for night.

JUN 29 1976

Shell-Rust et al
1-4B3
(AT & Install gas lift
equip)

TD 13,983. PB 12,925. SIP 800 psi; bled to 0 in 45 mins.
Because of scale in tbg, ran 2-7/8" tbg back in to 12,840.
Ran 2-7/8" down to 1000' & put on a 7-5/8" csg scraper to
clean csg. Ran tbg to 2000'. SD for night. Prep to pmp
acid to perfs.

JUN 30 1976

Shell-Rust et al
1-4B3
(AT & Install gas lift
equip)

TD 13,983. PB 12,925. SIP 800 psi; bled off in 30 mins.
Ran tbg to 12,860. Pmp'd 1100 gals 15% HCl acid; covered
perfs from 12,088-12,865. Pmp'd 60 bbls prod wtr down tbg.
Pulled 1040' tbg out; will leave acid on btm till a.m.
SD for night.

JUL 01 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. SIP 0. Ran tbg to 12,860 & circ'd
400 bbls prod wtr down 7-5/8" out tbg to pit. Pulled tbg
to 2000' & circ'd 100 bbls prod wtr again. Fin'd pulling
tbg. RU OWP & set pkr assy @ 11,800'. Installed expendable
plug on 10' prod tube. Ran 10' prod tbg w/seal assy & on-off
tool above it. Put 8' sub on on-off tool, then one 31' jt
tbg & #1 gas mandrel. Ran 682' tbg in hole. SD for night.

JUL 02 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. SIP 0. Ran tbg & set mandrels.
Landed tbg w/4000# tension on pkr. Press tested tbg to 5000
psi; bled off 400 psi in 30 mins. Set BPV in tbg hanger,
removed BOP's & installed tree. Retested tbg & tree to
5000 psi; bled off 400 psi in 30 mins. Filled csg w/inh'd
frh wtr. Bled tbg down to 1500 for WL operator. RD&MO PU.
Could not get down w/WL due to wax plug. 7/3 Circ'd 50
bbls hot wtr down csg thru gas valves & washed plug out. WL
went down & KO plug. Tbg had 1200 psi & went to 0 after plug
KO. Left well on 30/64" chk; well dead.

JUL 06 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On 24-hr test, flwd 141
BO, 546 BW, 510 MCF gas w/50 psi.

JUL 07 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On 24-hr test, prod 234 BO, 536 BW,
504 MCF gas w/50 psi.

JUL 08 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On 24-hr test, prod 249 BO, 551 BW,
551 MCF gas w/100 psi.

JUL 09 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
7/10:	24	215	491	720	200
7/11:	24	223	503	756	100
7/12:	24	171	434	896	125

JUL 12 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On 24-hr test, prod 178 BO, 424 BW,
840 MCF gas w/100 psi.

JUL 13 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On 24-hr test, prod 228 BO, 509 BW,
979 MCF gas w/100 psi.

JUL 14 1976

Shell-Rust et al
1-4B3
(AT & install gas lift
equip)

TD 13,983. PB 12,865. On 24-hr test 4/3 before work, prod
0 BO, 27 BW, 0 MCF gas. On 24-hr test dated 7/15/76 after
work, prod 139 BO, 314 BW, 753 MCF gas w/100 psi.
FINAL REPORT

JUL 15 1976

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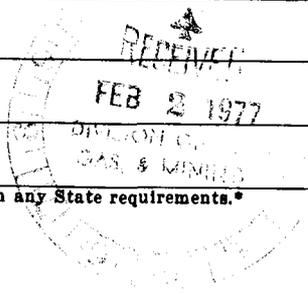
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STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2030' FNL & 660' FEL Section 4		8. FARM OR LEASE NAME Rust et al
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6121' KB	9. WELL NO. 1-4B3
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4, NE/4 Section 4-T2S-R3W
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE Feb 3, 1977
BY: [Signature]
See attachment

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

SIGNED R. Plantip TITLE Div. Opers. Engr. DATE 1/27/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

PERF & STIM
SHELL OIL COMPANY

FROM: 9/13/76 - 1/27/77

LEASE	RUST ET AL	WELL NO.	ALTAMONT
DIVISION	WESTERN	ELEV	1-4B3
COUNTY	DUCHESNE	STATE	6121 KB
			UTAH

UTAH

ALTAMONT

Shell-Rust et al 1-4B3
(Perf & Stim)

"FR" TD 13,983. PB 13,871. AFE #420967 provides funds to CO, set CIBP, rerun prod equip, perf & stim. MI&RU Western #19. Installed & test BOP's. Pmp'd prod wtr pill down tbg. PU tbg & released from Model D pkr. Pulled 10,000' 2-7/8 tbg. SI well.

SEP 13 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 13,871. No report.

SEP 14 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 13,871. 9/13 Installed 10" BOP's. RIH w/Bkr 7" nkr picker. Pmp'd 300 bbls prod wtr to try to est circ. SI well overnight. 9/14 Milled over pkr @ 11,800 & pushed to 11,906. Circ'd hole clean. SD overnight.

SEP 15 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 13,871. Set Bkr CIBP @ 6024; unable to go deeper. While POOH, hung up @ 4200'. BP would go down hole, but not up. Ran back to 6024 & set BP. Pulled set'g tools. RD OWP. SD overnight.

SEP 16 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 13,871. Ran 6-1/2 washover shoe & washover jt & 4 4-1/8 DC's. Tag'd CIBP @ 6024 & washed over BP @ 6027. Pushed to btm. Reversed circ'd while wash'g over BP & on btm. Pulled 24 stds tbg. SD overnight.

SEP 17 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,909. Set 7-5/8 Bkr CIBP @ 11,912 as per prog. Spt'd 1 sx on top of CIBP @ 12,912. PBT 12,909. Set Bkr 7-5/8 Model D pkr @ 10,900'. Ran 2-7/8 tbg w/+45 SN & gas mandrels w/dummies as per prog. Latched into Model D pkr @ 10,900 & spaced out. Drop'd SV & press tested tbg to 7500#, ok. Pulled SV & sdline. Spt'd 40 bbls diesel in top of tbg. Removed BOP & installed 10,000# tree. Released rig 4 p.m. 9/18/76.

SEP 20 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,909. OWP ran temp log from 10,900-11,900. BHT 210 deg. Perf'd 11,901-11,690 (30 holes) as per prog. Press before 0 & after 100 psi. BJ bullheaded 14 bbls wt'd dbl-inh'd 15% HCl down tbg & foll'd w/94 bbls prod wtr. Max pmp press 6500 psi, min 5900 (1 B/M). ISIP 5600. SD overnight.

SEP 21 1976

Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. BJ AT Perfs 11,690-901 w/82 bbls HCl as per prog. Max press 9800 psi, min 6200, avg 8800. Max rate 15 B/M, min 3.5, avg 12. ISIP 4800 psi, 5 mins 4650, 10 mins 4600, 15 mins 4550. Flushed trtmt w/110 bbls prod wtr. After SI 15 mins, foll'd w/40 bbls diesel. Two hrs SI 4200 psi w/diesel in hole. OWP ran temp & GR log from 10,800-11,900. Final SITP 3800 psi. SD overnight. Prep to back flow.	SEP 2 2 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. 12-hr SITP 3650#. Opened well to trt'r on 10/64"; TP 350# 10 mins. Opened to pit 6 hrs; 1" stream w/sml show of gas. Backed well down w/50 bbls prod wtr & 50 bbls diesel. Max press 5500 psi & down to 5000# @ 3 B/M. Total rec backflow 60 bbls.	SEP 2 3 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. Temp log indicated perfs 11,690 to 11,800 took fluid. Reran GR; indicated perfs 11,690-11,901 took fluid w/most of trtmt in top perfs & betwn perfs. SI well overnight.	SEP 2 4 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. 9/24 SITP 4000 psi. Bled off. Well flwd approx 50 bbls diesel in 15 mins & died. Left well open until 4 p.m. Backed well down w/40 bbls diesel & 60 BW @ 5500 psi. Left well SI.	SEP 2 7 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. SI. (Report discontinued until further activity)	SEP 2 8 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. (RRD 9/28/76) RU OWP & ran RA tracer survey from 11,909-10,900. Indicated hole in 7-5/8 csg @ 11,311 which is also in a collar. BJ pmp'd 3/4 B/M while run'g tracer survey @ 5300# (1300# on csg). SI well.	OCT 0 1 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. No report.	OCT 0 4 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. No report.	OCT 0 5 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. No report.	OCT 0 6 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. No report.	OCT 0 7 1976
Shell-Rust et al 1-4B3 (Perf & Stim)	TD 13,983. PB 12,909. No report.	OCT 0 8 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,909. No rep.

OCT 11 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 10/11 MI&RU OWP. Bled off press to trt'r; from 3800 to 0 psi in 15 mins. PB 11,904'. Perf'd 11,904-11,885 (20 holes) 1/ft. TP drop'd from 3500 to 3450 psi when well perf'd. POOH. RD&MO OWP. Opened well to trt'r; press to 0 in 15 mins. Left well open on 1" chk.

OCT 12 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 85 BO, 8 BW, 12 MCF gas w/25 psi.

OCT 13 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 10/13 MI&RU Western #17. Started pull'g tbg. SI well; SD for night.

OCT 14 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Run'g 7-5/8 pkr to btm. Tag'd btm @ 11,909 & circ'd out gas. Pulled tbg & seal assembly. Ran 7-5/8 pkr picker; milled & washed over pkr @ 10,900. Worked free & ran 8 jts tbg. Circ'd out gas.

OCT 15 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 10/15 Tag'd btm & circ'd out gas. Pulled pkr & mill. Set 7-5/8 Bkr full bore ret pkr @ 11,835. Broke perms down to 11,904 w/prod wtr. No communication around pkr & perms above. Released pkr & ran to 11,900. SD for night. 10/16 RU BJ & spt'd 3 bbls dbl-inh'd wt'd 15% on btm. Set pkr @ 11,835. Reverse circ'd tbg w/prod wtr. Installed 10,000# tree. AT perms 11,856-904 w/94 bbls 15% HCl as per prog & 42 ball sealers. Flushed w/75 bbls prod wtr. Total load to rec 169 bbls. Max TP 7950 psi, min 6300, avg 7000. Max rate 7 B/M, min 1.5, avg 4. ISIP 7000 psi, 5 mins 3300, 10 mins 3200, 15 mins 3200. Opened well to pit on 1" chk. Turned over to prod 10/16. In 18 hrs, prod 438 BO, 38 BW, 740 MCF gas on 15/64" chk w/3800 psi FTP. Backed down w/50 bbls diesel. Released rig 8 a.m. 10/18/76. OCT 18 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. SI for 72-hr BHPS.

OCT 19 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. SI for BHPS.

OCT 20 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 10/20 SITP 3500 psi. Pulled bomb. Opened well; flwd back diesel & started to prod oil. Flw'g on 18/64" chk w/3750 psi. Return well to prod.

OCT 21 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 722 BO, 8 BW,
1428 MCF gas w/2150 psi.

OCT 22 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
10/23:	24	543	0	1428	2500
10/24:	24	479	0	1172	2200
10/25:	24	355	0	463	2000

OCT 25 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 303 BO, 0 BW,
470 MCF gas w/1850 psi.

OCT 26 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 479 BO, 0 BW,
635 MCF gas w/1550 psi.

OCT 27 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 953 BO, 29 BW,
900 MCF gas w/1370 psi.

OCT 28 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. (Corr to rept of 10/28: Should
have read 1370 MCF gas w/900 psi.) On 24-hr test, prod
1191 BO, 13 BW, 1831 MCF gas w/300 psi.

OCT 29 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
10/30:	24	802	29	1013	700
10/31:	24	97	128	318	200
11/1:	24	323	328	522	400

NOV 01 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 548 BO, 0 BW,
490 MCF gas w/300 psi.

NOV 02 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Gauges not available.

NOV 03 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 281 BO, 266 BW,
463 MCF gas w/350 psi.

NOV 04 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 369 BO, 234 BW,
359 MCF gas w/350 psi.

NOV 05 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On various tests gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
11/5	24	100	196	278	1208
11/6	24	35	13	278	1280
11/7	24	33	15	154	1280

NOV 08 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, gas lifted 27 BO,
21 BW, 161 MCF gas w/1280 psi inj press.

NOV 09 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 30 BO, 21 BW,
161 MCF gas w/50 psi. (Note: Well not equip'd for gas
lift @ this time.)

NOV 10 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 30 BO, 25 BW,
161 MCF gas w/50 psi.

NOV 11 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24-hr test, prod 31 BO, 28 BW,
161 MCF gas w/50 psi.

NOV 12 1976

Shell-Rust et al
1-4B3
(Perf & Stim) NOV 15 1976

TD 13,983. PB 11,904. On various tests well prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>FTP</u>
11/12	9	22	19	35	50
11/13	SI				
11/14	24	44	56	150	50

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24 hr test well prod
33 BO, 18 BW, 150 MCF Gas w/50 FTP. NOV 16 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. On 24 hr test well prod
40 BO, 40 BW, 150 MCF gas w/50 FTP. NOV 17 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Prep to perf. MIRU. AFE 420967
provides additional funds to reperforate & stimulate.

NOV 18 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Prep to perf.

NOV 19 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Loaded tbq & csg w/prod wtr.
Installed BPV & removed X-mas tree. Installed BOP & unseated
Bkr full bore pkr. Pull'g tbq & pkr. NOV 22 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Set Bkr Model C ret BP @ 11,680 & pulled Bkr Model R dbl-grip pkr to 11,650. Press'd BP & tbg to 7500#, ok. Pulled pkr to 11,337 & spt'd 4 sx sd on top of BP. Set pkr @ 11,337 w/20,000# wt. Installed 10,000# tree. 11/21 Ran 38' gun by OWP & set down @ 11,160'. Removed tree & installed BOP. Attempted to unseat pkr. Ran sinker bars & set down @ 11,260'. Tbg PU; no tension. Sd bridge on tbg; BP did not set @ 11,680 & came up hole w/pkr. 11/22 RU Newsco & ran 1" CT to 11,000. Pmp'd 20 bbls gelled wtr down 1" CT. Tag'd top of sd in 2-7/8 tbg @ 11,245. Started displ'g gelled wtr w/N2. CO sd to 11,380 & displ'd 1" & 2-7/8" tbg w/N2. RD Newsco. Pmp'd 50 BW down annulus. Pulled pkr loose & circ'd completely around csg & tbg vol. Attempted to run BP down hole to 11,680.

NOV 23 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Pulled tbg, pkr & BP; J slot in ret'g hd broken. RU OWP & set 7-5/8 Bkr C1 BP @ 11,680 & Bkr Model D pkr @ 11,330. Ran seal assembly, prod tube, SN & 360 jts 2-7/8 tbg. Stung into pkr & spaced out w/6000# tension. Press test tbg to 7000 against C1 BP for 5 mins; lost press to 0. Pulled 20,000# tension after losing press; still latched into pkr ok.

NOV 24 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Unlatched from pkr & circ'd wtr out annulus. Stung back in pkr. Press'd annulus to 1000# & tbg to 4000#. Pmp'd 2 B/M w/no communication to annulus. OWP made 3 runs w/cmt dump bailer. Tag'd BP @ 11,680; plug back 8' up to 11,672'. Prep to perf.

NOV 29 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. RU OWP & perf'd w/2-1/16" hollow carrier gun decentralized w/magnets as per prog interval 11,639-11,388 (38 holes); no press after perf'g. RU BJ & bullheaded 400 gals dbl-inh'd wt'd 10% acetic acid @ 2 B/M @ 6000#. Displ'd acid to top perf to soak overnight.

NOV 30 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 18-hr SITP 550 psi. Prep to back flow. RU BJ & press tested sfc lines & tree to 10,000#. AT perfs 11,388-11,639 (38 holes) w/114 bbls 15% HCl as per prog, 57 ball sealers & 200# WR Unibeads. Flushed w/82 bbls prod wtr & foll'd w/40 bbls diesel. Total load 245 bbls. Held 3000# on annulus during trtmt. Max TP 8500 psi, avg 7800, min 6200. Max rate 14 B/M, avg 8, min 3. ISIP 4800 psi, 5 mins 2600, 10 mins 1600, 15 mins 900. ISIP after pmp'g 40 bbls diesel (tail in) 6400 psi. 5 hrs 100 psi. OWP ran temp log & GR log from 11,200-11,672; indicated most perfs took trtmt. SI well

DEC 01 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 19-hr SITP 575#. Opened well to bty; rec'd 40 bbls diesel. TP decr'd to 400#. Turned well to pit & cleaned up. Turned back to bty thru 16/64" chk; TP incr'd to 850# & then decr'd to 200#; tbg load'g up. Opened to 45/64" chk & unloaded tbg. Set chk on 21/64" chk overnight. Prod 190 BO & 148 bbls load wtr in 20 hrs on 21/64" chk w/600# FTP.

DEC 02 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Removed tree & installed BOP. Unlatched from pkr & circ'd tbg & csg. POOH w/seal assembly. Ran Model D-1 latch-in plug & 7-5/8 Bkr ret pkr. Set D-1 plug in pkr @ 11,330. Set pkr @ 11,324. Press'd plug to 4000 psi; bled to 0 quickly. DEC 03 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 12/4 Ran 2" guage on slickline. D1 plug off ret'g hd & in Model D pkr @ 11,350, ok. Ran tbg down to pkr & latched onto D1 plug. Pulled tbg, pkr & plug; found 1 jt tbg split. Ran Bkr 7" ret BP & pkr. Tested tbg to 7500# w/SV in place, ok. 12/5 Pulled SV. Set Bkr BP @ 11,290 & ret pkr @ 10,880. Spt'd 2 sx sd on BP, removed BOP & installed 10,000# tree. OWP ran base temp log 10,800-11,288. Perf'd as per prog: Run #1 - 11,245-11,114 (23 holes) & Run #2 - 11,108-11,033 (13 holes); gun failed. Had no sfc press. DEC 06 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 36-hr SITP 3000#. Perf'd as per prog 3rd Run 11,033-10,967 (10 holes); total 46 holes. RU Dowell & press tested sfc lines & tree to 9000#, ok. AT perfs 10,967-11,245 w/138 bbbls 15% HCl as per prog & 69 ball sealers. Total load 269 bbbls. Flushed w/81 bbbls prod wtr & foll'd w/40 bbbls diesel. Held 3000# on annulus during trtmt. Max TP 8900 psi, avg 7500, min 5800. Max rate 11 B/M, avg 10, min 1. Balled out twice during trtmt. ISIP 4800 psi, 5 mins 4600, 10 mins 4400, 15 mins 4200. OWP ran temp survey from 10,700-11,285 & GR from 10,285-10,700; both logs indicated most perfs took trtmt. RD OWP & hooked up flw line to bty; TP 3500#. Opened well to bty & press bled to 150# in 10 mins on 16/64" chk. SI well overnight. DEC 07 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Run'g Bkr pkr picker to retrieve Model D. Well open to bty on 16/64" chk w/50 psi TP; no substantial flow. Loaded tbg w/prod wtr to vac. Removed tree, installed BOP & unstung from pkr. Circ'd hole free of gas. Ran Bkr ret pkr w/ret'g hd. Reversed circ'd frac balls & sd off ret BP. Pulled tbg, pkr & BP. Installed 10" BOP & made up Bkr pkr picker. DEC 08 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Ran 2-7/8 tbg & pkr picker. Milled over Model D pkr @ 11,330 & worked free. Pulled 30 stds tbg. Mill & pkr hang'g up in 7-5/8 csg collars while being pulled. DEC 09 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Pulled tbg & washed over Model D pkr. Left btm prt of Model D in hole. Ran mill'g shoe & milled over Model D pkr btm + 5' cmt. DEC 10 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Milled over Model D pkr btm & made (total of 6'). POOH; mill w/out. Ran 6" OD magnet on sdline & rec'd 1/2 cup cuttings. SD for night. Ran 6" OD magnet on sdline & rec'd cup full of cuttings. Ran magnet 2nd time; left in hole - 3/4" rod connection broke. Ran overshot on sdline & rec'd magnet w/1/2 cul cuttings. Ran new Bkr mill'g shoe & washover pipe; made 1'. Ring on power swivel & nip below kelly cock broke. PU tbg off btm & reverse circ'd hole clean. Prep to cont mill'g.

DEC 13 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. POOH w/WP & mill'g shoe. Repaired power swivel & milled over Bkr CIBP @ 11,680. RIH to 11,900 & milled cmt & 2nd Bkr CIBP. Milled over BP to 11,931. Circ'd hole clean.

NFC 14 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. RIH w/jars & overshot to fish BP. POOH; left 5 jts tbg, washover shoe & mill. Tbg prt'd below collar. Ran 4-3/4 OD jars w/6" OD overshot w/3-3/32 grapple & engaged fish @ 11,906. POOH; rec'd fish. Redressed overshot w/3-21/32 grapple & ran 50 stds in hole.

DEC 15 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Mill'g over CIBP @ 11,906. RIH w/jars & overshot & set down on CIBP w/10,000# & engaged fish. Did not rec CIBP mandrel. Ran 8' x 6" OD washover pipe w/6-1/2 OD x 4-3/4 ID washover shoe to btm. DEC 16 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Milled over 2nd CIBP. Pushed down hole 4'. Milled over bottom part of BP. Made 1' POOH. Ran 6" OD x 4-5/8" ID shoe & 8' x 6" OD x 4-3/4" ID washover pipe. DEC 17 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 12/17 Ran shoe to btm & set down over top of BP mandrel. Set down 3 times w/20,000# wt to bend teeth on shoe. POOH w/no rec. Ran new washover shoe w/6.6 OD x 4.6 ID & slid over top of BP & milled on 2nd BP w/reverse circ; partially plug'g tbg. Circ'd hole clean conventionally. 12/18 Milled over CIBP's 11,906-11,922. Milled over remainder of 2nd CIBP & pushed down to 11,921. Reverse circ'd hole clean. POOH. Rec'd top CIBP mandrel in washover pipe.

DEC 20 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Prep to run 6" impress blk on sdline. Ran 6" OD magnet & tag'd top of fish. POOH; no rec. PU 6" washover w/cut teeth & WL fingers inside & RIH on WP & 2-7/8 tbg. Rotated & worked tbg; made no hole. POOH; no rec. SI overnight.

DEC 21 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Prep to RIH w/fish'g tool. RIH w/6" OD impress blk on sdline & tag'd fish. POOH; impress was a half moon about 1" long, 1/2" wide & 1/4" deep located about 1-1/2" from nearest edge. PU shoe w/sdline fingers welded inside & RIH. Tag'd fish, rotated & made about 3'; could not get any deeper. POOH; rec'd part of a CIBP (4" OD x 5" long). All WL but one were damaged, indicating that 2-1/2' of fish had been inside washover shoe. SI well overnight.

DEC 22 1976

Shell-Rust et al
1-4B3
(Perf & Stim) 27 1976

TD 13,983. PB 11,904. 12/23: RIH. Tagged fish. Rotated for 15 min, went down 6". POOH. No recovery. Picked up 6" impression block. RIH. Tagged fish. POOH. Impression showed 3-1/2" circle on edge of block. 12/24: RIH w/4-5/8" mill. Milled on fish for 4 hrs, made 2'. Circ hole clean.

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Circ bottoms up. Started milling could not get torque. Milled 1-1/2' in 3 hrs. Lost torque. POOH. Tbg body parted 1' above upset. DEC 28 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Prep to run collar log. RIH w/overshot. Tagged fish & engaged fish. POOH. Picked up 6-1/8" magnet and RIH on sand line. Tagged fish. POOH. No recovery. DEC 28 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. No report. DEC 30 1976

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. 12/29 MI&RU OWP & RIH w/collar locator & GR. Log'd from top of junk to 11,600; top of junk 1-1/2' above liner top. RD&MO OWP. RIH w/4-5/8 flat btm mill on 2 DC's w/2 stab & 2-7/8 tbg. Circ'd well 4 times, tag'd top of junk & pulled up 15'. 12/30 Milled on junk; made 1'. 12/31 POOH. Tbg pin had prt'd; left 7 jts 2-7/8 tbg, 2 DC's & mill in hole. PU overshot & RIH on 2-7/8 tbg. Well try'g to flw; had to circ 3 times while RIH. Tag'd fish. Rotated 1/2 turn & caught fish. Pulled 5000' 2-7/8 tbg. SI well.

JAN 03 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

JAN 04 1977

TD 13,983. PB 11,904. Flwd well to pit, then circ'd w/prod wtr. Pulled 2 stds tbg & well kicked. Killed well w/200 bbls 10#/gal SW. POOH & rec'd fish. RIH w/4-5/8 mill & tag'd top of junk. PU 10'. SI for night.

Shell-Rust et al
1-4B3

TD 13,983. PB 11,904. Circ'd out considerable oil. Milled on junk 2-1/2 hrs; made about 3' & mill was free. Mill apparently into liner; could run down 7' & tbg would start stacking out & torqueing up. Pulled 6000' 2-7/8 tbg & SI overnight.

JAN 05 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 11,904. Circ'd hole to 6000' w/mixed prod wtr & 10#/gal SW. POOH w/mill & DC's indicated that they were on liner top. RIH w/4-5/8 mill w/2-1/2" hole in center. Started PU sgls @ liner top; PU 9 sgls & had to RU power swivel. Rotated & pushed down 2 jts. Circ'd in reverse. Milled & washed down 4 jts in 45 mins; PU 10'. Circ'd clean. SD for night.

JAN 06 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

JAN 07 1977

TD 13,983. PB 11,904. Prep acidize scale. Milled on junk 10 hrs. Circ'd in reverse & had trbl plug'g mill. Circ'd conventionally & mill started stick'g. Milled w/o circ & made no hole. Milled total of 10'; mill'g @ 12,406. Reverse circ'd clean. PU 15' & SD for night.

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. 1/7 Circ'd out oil & gas. Spt'd 500 gals 15% HCl @ btm of tbg. SI tbg & pmp'd down csg. SI csg & pmp'd down tbg. Let acid soak 1-1/2 hrs. Circ'd btms up in reverse. Milled w/reverse circ & CO 45' to 12,450. Spt'd 500 gals 15% HCl @ btm of tbg. Alternately pmp'd down tbg & csg to push acid down below mill. SI overnight w/acid on btm. 1/8 RIH w/mill to 12,850 w/o rotating. Set down @ 12,850. Rotated & milled 1/2 hr w/o making any hole. Circ'd clean. PBT 12,850; lowest perf 12,841. Pulled 9000' 2-7/8 tbg & SI well.

JAN 10 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. Run'g prod equip. SITP 500 psi; bled off press. Circ'd tbg w/prod wtr. Displ'd tbg w/10# per gal SW. Pulled tbg & mill. MI&RU OWP. Set Bkr Model D pkr w/flapper in place w/top @ 10,850. RD&MO OWP. SI well overnight.

JAN 11 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. RIH w/tbg & gas lift valves, test'g w/SV every 2000'; found 3 leaks. SI overnight.

JAN 12 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

JAN 13 1977

TD 13,983. PB 12,850. Latched into Model D & landed tbg on donut w/3000# tension. Final tbg test 3000# for 1 hr; lost 400#. Removed BOP's & installed tree. SD for night.

Shell-Rust et al
1-4B3
(Perf & Stim)

JAN 14 1977

TD 13,983. PB 12,850. SITP 1700 psi. Opened well to bty & turned over to prod. RD&MO Rig #17 1/13/77. Well fldw 89 BO & 622 BW thru 22/64" chk w/500 psi FTP in 13 hrs.

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
1/14:	24	170	94	322	300
1/15:	24	30	40	644	100
1/16:	24	28	28	362	100

JAN 17 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On 24-hr test, prod 73 BO, 73 BW, 403 MCF gas w/100 psi.

JAN 18 1977.

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On 24-hr test, prod 67 BO, 116 BW, 562 MCF gas w/100 psi.

JAN 19 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. No test this date due to PHARA problems.

JAN 20 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On 24-hr test 1/19, gas lifted 155 BO, 147 BW, 562 MCF gas w/1280 psi inj press. On 24-hr test 1/20, gas lifted 304 BO, 92 BW, 825 MCF gas w/1310 psi inj press.

JAN 21 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>1/21:</u>	24	189	76	1129	1310
<u>1/22:</u>	24	368	70	1129	1310
<u>1/23:</u>	24	430	43	992	1340

JAN 24 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On 24-hr test, gas lifted 402 BO,
27 BW, 992 MCF gas w/1340 psi inj press.
JAN 25 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. On 24-hr test, gas lifted 251 BO,
15 BW, 776 MCF gas w/1280 psi inj press.
JAN 26 1977

Shell-Rust et al
1-4B3
(Perf & Stim)

TD 13,983. PB 12,850. Prior to recompleting this well
in the Transition Zone, it was gas lift'g approx 200 BO &
40 BW/D. On 24-hr test 1/25/77 after work, prod 251 BO,
15 BW, 776 MCF gas w/1280 psi inj press.
FINAL REPORT
JAN 27 1977

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 checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR 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 2030' FNL & FEL Section 4		8. FARM OR LEASE NAME Rust et al
14. PERMIT NO.		9. WELL NO. 1-4B3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6121' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4 NE/4 Section 4-T2S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

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

See Attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: May 4, 1978
BY: [Signature]

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

SIGNED [Signature] TITLE Div. Oper. Engr. DATE APR 21 1978

(This space for Federal or State office use)

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

cc: USGS w/attachment

*See Instructions on Reverse Side

(REPERF, AT, GAS LIFT)

SHELL OIL COMPANY

FROM: 3/1 - 4/5/78

LEASE RUST et al

DIVISION WESTERN

COUNTY DUCHESNE

WELL NO. 1-4B3

ELEV 6121' KB

STATE UTAH

UTAH

ALTAMONT

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

"FR" TD 12,865. AFE #427277 provides funds to pull prod equip, MO Mdl D pkr, CO to TD 12,865, reperf, AU & rerun gas lift equip. 2/27 MI&RU WOW #17. 2/28 Bled down 7" csg & removed tree. Installed BOP & loaded tbg & csg w/prod wtr. Unstung from pkr & POOH. Rec'd latch & seal assy & LD gas mndrls. Removed tbg hd spool & 6" BOP. PU Bkr pkr picker & reinstalled spool & 10" BOP. Chng'd rams & SD for night.

MAR 01 1978

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

TD 12,865. Milled over Mdl D pkr @ 10,850. Ran 12 more jts in hole to remove scale to top of liner @ 11,912. Each jt hang'g up w/scale. Rotating each jt down SD for night.

MAR 02 1978

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

TD 12,865. POOH; Bkr pkr picker hung up @ 6131' & attempted to work loose. Pulled over wt of tbg. POOH; rec'd tbg pin in 2-7/8 tbg collar looking down. PU 4" OD Bowen over-shot w/grapple & RIH. Fish had drop'd to 10,917. Engaged fish & started out of hole. Pulled 50 stds tbg; fish drag'g 10-20,000# thru each 7-5/8" collar as pulled. SD for night.

MAR 03 1978

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

TD 12,865. 3/3 Fin'd POOH w/pkr picker & milled over Bkr Mdl D pkr & 3 jts tbg; rec'd complete fish. RIH w/new 6-5/8 OD mill'g shoe on Bkr pkr picker to CO scale to top of 5-1/2 liner. Ran mill to 11,278 & set down on scale. 3/4 RU power swivel & MO scale from 7-5/8 csg @ 11,278-11,924. POOH & LD pkr picker. PU 4-5/8 OD mill & RIH w/tbg. Prep to MO cmt ret.

MAR 05 1978

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

TD 12,865. RIH w/50 more stds 2-7/8, which puts 4-5/8 mill @ liner top. PU 30 sgls & ran mill to 12,890 (25' above cmt ret). RU power swivel & pmp'd 300 bbls to est rev circ & 50 more bbls prod wtr to clean up oil & gas. Milled 3' in 2 hrs & POOH. LD mill & PU jt 4" WP w/wash-over shoe & started RIH. SD for night.

MAR 07 1978

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

TD 12,865. Fin'd RIH w/WP & 2nd mill. Milled on junk iron 3 hrs for 1-1/2'. POOH; mill shoe completely worn out. SI well.

MAR 08 1978

Shell-Rust et al

1-4B3

(Reperf, AT, Gas Lift)

TD 12,865. Rin'd run'g 3rd mill & washover pipe. Milled on junk iron 3 hrs & made 2'. POOH; mill shoe completely worn out. PU new mill & WP. Ran 100 stds tbg & SD for night.

MAR 09 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. Milled on junk iron w/4th mill & WP; made 1' in 3 hrs. POOH & mill completely worn out. PU new mill & started RIH.

MAR 13 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. Milled on junk iron w/5th mill & WP. Made 1' in 2 hrs. LD 70 jts tbg workstring & POOH w/mill & WP. Mill completely worn out; LD mill & WP. 3/11 PU Bkr 7-5/8 loc-set pkr & RIH on 2-7/8 tbg w/gas lift mndrls & valves in place. Set pkr @ 10,850 & landed tbg on donut w/6000# tension. Installed tbg BPV, removed BOP's & installed & tested 5000# tree. Removed BPV & pmp'd 40 bbls gelled wt'd dbl-inh'd 15% HCl down tbg. Flushed w/85 bbls prod wtr. Max pmp'g press 800 psi; apparently all friction. Well went on vac. RD WOW #17. Hooked up flw-line & gas lift inj lines. Left well SI overnight to give acid time for scale removal. Turned well over to prod.

MAR 13 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. 3/13 MO WOW #17.

MAR 14 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. Gauge not available.

MAR 15 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 21-hr test 3/13, gas lifted 0 BO, 136 BW, 197 MCF gas w/845 psi inj press.

MAR 16 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/13	21	0	136	197	845
3/14	24	13	211	350	845
3/15	24	33	238	197	845

MAR 17 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, gas lifted 17 BO, 309 BW, 205 MCF gas w/845 psi inj press.

MAR 20 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, gas lifted 17 BO, 354 BW, 290 MCF gas w/845 psi inj press.

MAR 21 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, gas lifted 35 BO, 383 BW, 307 MCF gas w/845 psi inj press.

MAR 22 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/19	24	9	183	211	845
3/20	24	8	5	298	845
3/21	24	19	0	152	845

MAR 23 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, gas lifted 44 BO, 492 BW, 329 MCF gas w/1180 psi inj press.

MAR 27 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, gas lifted 32 BO, 438 BW, 316 MCF gas w/1180 psi inj press. MAR 28 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, prod 0 BO, 13 BW, 243 MCF gas w/1125 psi inj press. MAR 29 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test 3/25, gas lifted 39 BO, 373 BW, 197 MCF gas w/1125 psi inj press. On 24-hr test 3/26, gas listed 25 BO, 388 BW, 414 MCF gas w/1125 psi inj press. MAR 30 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/27	24	24	406	409	1125
3/28	24	29	267	715	1125
3/29	24	23	171	316	1180

MAR 31 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On 24-hr test, gas lifted 2 BO, 35 BW, 398 MCF gas w/1090 psi inj press. APR 03 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/31	24	26	102	540	1090
4/1	24	39	51	520	1125
4/2	24	77	60	456	1125

APR 04 1978

Shell-Rust et al
1-4B3
(Reperf, AT, Gas Lift)

TD 12,865. Prior to work, prod 12 BO, 240 BW w/175 MCF/D gas inj. After work, prod 47 BO, 95 BW w/365 MCF/D gas inj & 1125 psi CP. FINAL REPORT APR 05 1978

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

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 checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. PATENTED																				
2. NAME OF OPERATOR SHELL OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR P.O. Box 831 HOUSTON, TX 77001 ATTN: P.G. GELING RM. # 6459 WOK		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 2030' FNL + 660' FEL SEC. 4		8. FARM OR LEASE NAME RUST ET AL																				
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6121' KB	9. WELL NO. 1-483																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT ALTAMONT																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> <td>(Other) <input type="checkbox"/></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SE/4 NE/4 T2S R3W
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"/>																			
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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>																			
		12. COUNTY OR PARISH DUCHESE																				
		13. STATE UTAH																				

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

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/15/82
BY: [Signature]

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

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

(This space for Federal or State office use)

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

REMEDIAL PROGNOSIS
RUST 1-4B3
SECTION 4, T2S, R3W
ALTAMONT FIELD, UTAH

8-20-82

Pertinent Data:

Shell's Share: 99.96%

Elevation (KB): 6121'
Elevation (GL): 6096'
TD: 13,893'
PBD: 12,850' (cement retainer at 12,870' with cement and junk on top)
Casing: 13-3/8", 68#, K-55 to 313'
 9-5/8", 47#, CF-95 to 6231'
 7-5/8", 33.7#, S-95 to 12,036'
Liner: 5-1/2", 20#, S-95, 11,912'-13,980'
Tubing: 2-7/8", EUE, 6.5#, N-80 to 10,850'
Packer: 7-5/8" Baker loc-set at 10,850'
Perforations: 10,967'-13,980' (832 holes; 346 below PBD)
Artificial Lift: Gas lift with mandrels at 2907'; 5303'; 7039'; 8208';
 8937'; 9541', 10,176'; and 10,779'
Objective: CO₂ perforate and stimulate the Wasatch
Current Status: 19 BO + 124 BW + 107 MCF gas with 449 MCF injection gas

Procedure:

1. MIRU. Load hole with clean produced water containing 5 gallons Tretolite Xcide 102/100 bbl. Removed tree. Install and test BOPE. See Attachment I for Production Engineering recommendation.
2. Pull tubing and 7-5/8" fullbore packer and lay down GL equipment.
3. CO 5-1/2" liner to 12,850'± (PBD). Take two samples of scale from interval 10,967'/13,980' only if samples can be retrieved while reverse circulating and send to I. Yung, WCK 6406.
4. Rig up perforators with lubricator tested to 3000 psi and perforate as follows (depth reference is CBL dated 9-23-71).
 - a. Perforate from bottom up at 3 JSPF. Use a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120° phasing for depths listed on Attachment II.
 - b. Record and report wellhead pressure before and after each run.
5. a. If well can be controlled with water after perforating, run a 5-1/2" fullbore packer on tubing and set at 12,000'±. Test tubing to 6500 psi.

- b. If well cannot be controlled with water after perforating, lubricate in a 5-1/2" Model "FA-1" packer with Model "B" expendable plug in place and set at 12,050'±. Run in with latch-in seal assembly and latch into packer. Pressure test tubing to 6500 psi. Run in with sinker bars and jars on wireline and knock out expendable plug in packer. Consider flowing well prior to acidizing.
6. Acid treat perfs 12,081'-12,841' (352 old and 195 new) with 20,000 gallons of 7-1/2% HCl as follows:
 - a. Pump 1000 gallons 7-1/2% HCl.
 - b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 35 gallons.
 - c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
 - d. Repeat Step (b) 3 more times and Step (c) 2 more times for a total of 4 stages acid and 3 of diverting material (total 20,000 gallons acid and 457 ball sealers).
 - e. Flush with 90 bbls of clean produced water containing five gallons Tretolite Xcide 102/100 bbl.

- Notes:
- (1) All acid and flush to contain five lb. J-120/1000 gallons HCl or equivalent for ±60% friction reduction and 1.0# 20-30 mesh RA sand per 1000 gallons (no RA sand in flush).
 - (2) All acid to contain three gallons C-15/1000 gallons HCl for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids) and one gallons Nalco Visco 4987/100 gallons HCl.
 - (3) Maintain 2500 psi surface casing pressure during treatment if possible.
 - (4) Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
 - (5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
 - (6) Record ISIP and shut-in pressure decline for at least 20 minutes.

7. Run RA log from PBSD to 11,850'±.

8.
 - a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 9.
 - b. If well does not flow, continue with Step 9.
9.
 - a. If a 5-1/2" fullbore packer was used in Step 5, POOH with tubing and packer. Run and set 5-1/2" CIBP at 12,050'. *RIH with 5 1/2" fullbore packer and set at ± 12,000'. Pressure test plug to 3000 psi and POOH with packer.*
 - b. If a 5-1/2" Model "FA-1" packer was used in Step 5, POOH with tubing and seals. *RIH with Model "DR" latching type packer and POOH with plug and set in packer. ↓ Pressure test plug to 3000 psi and POOH with one sack of sand on top of packer (at field's discretion).*
10. Rig up perforators with lubricator tested to 3000 psi and perforate as follows (depth reference is CBL dated 9-23-71):
 - a. Perforate from bottom up at 3 JSPF. Use a 3-1/8" O.D. casing gun with DNL Densi-Jet XIV (14.0 gram) charges at 120° phasing for depths 11,913'-12,036' listed on Attachment III. Use a 4" O.D. casing gun with DNL Densi-Jet XIX (19.0 gram) charges at 120° phasing for depths 11,024'-11,904' listed on Attachment III.
 - b. Record and report wellhead pressure before and after each run.
11.
 - a. If well can be controlled with water after perforating, run a 7-5/8" fullbore packer on tubing and set at 10,850'±. Test tubing to 6500 psi.
 - b. If well cannot be controlled with water after perforating, lubricate in a 7-5/8" Model "D" packer with Model "B" expendable plug in place and set at 10,850'±. Run in with latch-in assembly and latch into packer. Pressure test tubing to 6500 psi. Run in with sinker bars and jars on wireline and knock out expendable plug from packer. Consider flowing well prior to acidizing.
12. Acid treat perms 10,967'-11,950' (134 old and 297 new) with 20,000 gallons of 7-1/2% HCl as follows:
 - a. Pump 1000 gallons 7-1/2% HCl.
 - b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 65 gallons.
 - c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
 - d. Repeat Step (b) 3 more times and Step (c) 2 more times for a total of 4 stages acid and 3 of diverting material (total 20,000 gallons acid and 246 ball sealers).

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

- Notes:
- (1) All acid and flush to contain five lb. J-120/1000 gallons HCl or equivalent for $\pm 60\%$ friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
 - (2) All acid to contain three gallons C-15/1000 gallons HCl for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids) and one gallons Nalco Visco 4987/100 gallons HCl.
 - (3) Maintain 2500 psi surface casing pressure during treatment if possible.
 - (4) Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
 - (5) Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
 - (6) Record ISIP and shut-in pressure decline for at least 20 minutes.

13. Run RA log from CIBP to 10,750'±.
14. a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 15.
b. If well does not flow, continue with Step 15.
15. a. If a 7-5/8" fullbore packer was used in Step 11, POOH with tubing and packer.
b. If a 7-5/8" Model "D" packer was used in Step 11, POOH with tubing and seals. RIH and mill out 7-5/8" Model "D".
16. RIH and mill out CIBP at 12,050'.
17. RIH with tubing, GL equipment and 7-5/8" packer. Set packer at 10,850'±. Install GL equipment as shown on Attachment IV.

18. Return well to production.

19. Report well tests on morning report until production stabilizes.

WPK

Recommended *Roi Hitzgen*

Approved *JFN Kelly*
JAN O.O. LAUNDACH

LLL:SJP
8/11/82

Date *8/20/82*

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 831, Houston, Tx 77001 ATTN: C. O. Collins 6467 WCK

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2030' FNL & 660' FEL Sec. 4

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6121' KB

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Rust et al

9. WELL NO.
1-4 B3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
SE1/4 NE1/4 T2S R3W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

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

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

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

See Attached

RECEIVED
DEC 17 1982

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct
W. F. N. KELLDORF [Signature] TITLE Div. Prod. Engineer DATE 12/16/82

(This space for Federal or State office use)

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

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 407
ISSUED 11/08/82

WELL: RUST 1-4B3
 LABEL: FIRST REPORT
 AFE: 577327
 FOREMAN: KEN DESHOTEL
 RIG: WOW 19
 OBJECTIVE: CLEAN OUT PERF. AND STIMULATE THE WASATCH
 AUTH. AMNT: 157000
 DAILY COST: 6000
 CUM COST: 6000
 DATE: 10-1-82 THRU 10-4-82
 ACTIVITY: 10-1-82 ACTIVITY: AFE 577327 PROVIDES THE FUNDS TO
 02 ~~CLEAN OUT PERF. AND STIMULATE THE WASATCH. MOVE~~
 03 RIG AND EQUIP. FROM 1-36A4 TO LOCATION AND R.U.
 04 PUMP 100 BBLs. PROD WTR, DOWN TBG, INSTALL
 05 BPV REMOVE W.H. AND INSTALL BOPS REMOVE BPV
 06 RELEASE PKR. S.D.O.N 10-2-82 STATUS: POOH W/TBG
 07 MANDRELS AND PKR. RIH W/MILL TO CLEAN OUT 5 1/2 INCH
 08 LINER. ACTIVITY: POOH W/TBG MANDRELS AND PKR.
 09 MAKE UP MILL AND RIH TO 10800 FT. S.D.O.N. 10-3-82
 10 SUNDAY 10-4-82 STATUS: CLEAN OUT 5 1/2 INCH LINER
 11 TO 12850 FT.
 12 10-2-82 DAILY COST 3750 CUM COST 9750

LABEL: -----
 DAILY COST: 28201
 CUM COST: 52234
 DATE: 10-06-82
 ACTIVITY: 10-06-82 ACTIVITY FINISHED RIH W/MT STATES
 02 PKR REMOVE BOP PUT WELLHEAD ON MIRU NOWSCO
 03 TO ACID TREAT PERFS 12081 FT TO 12841 FT
 04 352 OLD AND 195 NEW MAX PRESS 8430 MAX RATE
 05 13.5 AVG PRESS 7798 AVG RATE 10.1 MIN PRESS
 06 7165 MIN RATE 6.7 ISIP 4900 5 MIN 3780
 07 10 MIN 2990 15 MIN 2510 20 MIN 2000 GCG 2500
 08 BALLS 457 BAF 1500 ACID 476 BBLs FLUSH 90 BBLs
 09 TOTAL 566 BBLs

LABEL: -----
 DAILY COST: 7162
 CUM COST: 59396
 DATE: 10-7-82

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 407
ISSUED 11/08/82

ACTIVITY: 10-7-82 ACTIVITY: MIRU OWP RUN RA LOG FROM
02 12830 TO 11850 FT. TAG AT 11780 FT. R.D. OWP BLEED
03 OFF TBG. REMOVE W.H. PUT BOP ON. REMOVE DONUT
04 RELEASE PKR. POOH LAY DOWN PKR. R.U. OWP SET CIBP
05 AT 12050 GET READY TO PERF 10-8-82 S.D.O.N.

LABEL: -----
DAILY COST: 5738
CUM COST: 116985
DATE: 10-08 THRU 10-12-82
ACTIVITY: 10-08-82 ACTIVITY DAILY COST 20184 CUM COST
02 79580 START OWP PERF FROM 11024 FT TO 12000 FT
03 297 HOLES ONE MISRUN 0 PRESS RIG DOWN OWP
04 REMOVE 6 IN BOP AND 10X6 IN LANDING SPOOL
05 STRIP 7 5/8 IN MT STATES 32A PKR THUR LANDING
06 SPOOL PUT LANDING SPOOL AND 6 IN BOP ON
07 RIH W/50 JTS TBG SDON 10-09-82 ACTIVITY DAILY
08 COST 31667 CUM COST 111247 FINISH RIH W/PKR
09 SET AT 10841 FT W/20000 LBS TENSION PKR AND
10 PLUS 45 SEAT NIPPLE AND 346 JTS TBG LAND TBG.
11 FILL AND PRESS TEST CSG TO 2500 LBS REMOVE
12 BOP PUT ON WELLHEAD RU NOWSCO ACIDIZE ACCORING TO
13 PRG MAX PRESS 8000 MAX RATE 17.2 AVG PRESS
14 7621 AVG RATE 15.2 ISIP 4300 5 MIN 3860 10 MIN
15 3720 15 MIN 3550 20 MIN 3280 CSG 2600 BALLS
16 247 BAF 2500 LBS ACID 476 BBLs FLUSH 115 BBLs
17 TOTAL 591 BBLs 10-10-82 ACTIVITY SUNDAY
18 10-11-82 ACTIVITY RU OWP AND RAN RA LOG SHOWED
19 APPROX 90 PER CENT TREATMENT RD OWP TP 1000 LBS
20 FLOW GAS TO PIT FOR 2 HRS PUMPED 50 BBLs PROD H2O
21 DOWN TBG REMOVE WH AND INSTALL BOP RELEASE PKR
22 AND POOH STRIP OFF BOP LAY DOWN PKR INSTALL BOP
23 PU 1 JT 4 IN WP W/4 5/8 IN MILL RIH 10 STDS TBG
24 MIRACLE TOOL AND 10 STDS TBG SDON 10-12-82
25 STATUS MILL OUT CIBP

LABEL: -----
DAILY COST: 2588
CUM COST: 119573
DATE: 10-12-82
ACTIVITY: 10-12-82 ACTIVITY FINISH RIH W/MILL TAG AT
02 12030 FT RU POWER SWIVEL DRILL CIBP AT 12050 FT

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 407
ISSUED 11/08/82

03 RD SWIVEL PUSH GIBP RU POWER SWIVEL TRY
04 TO WASH OVER WIRELINE TOOLS RD POWER SWIVEL LAY
05 DOWN 68 JTS PULL 80 STANDS SDON

LABEL: FINAL REPORT
DAILY COST: 2213
CUM COST: 121786
DATE: 10-13-82
ACTIVITY: 10-13-82 ACTIVITY FINISH POOH W/MILL AND WASH
02 PIPE DID NOT HAVE WIRELINE TOOLS REMOVE BOP
03 AND LANDING SPOOL STRIP 7 5/8 IN PKR THUR LANDING SPOOL
04 PUT BOP ON RIM W/7 5/8 PKR AND PLUS 45 SEAT
05 NIPPLE 345 JTS TBG AND 8 CAMCO VALVES SET
06 PKR AT 10852 FT W/20000 LBS TENSION LAND TBG
07 REMOVE BOP AND PUT WELLHEAD ON HOOK UP FLOWLINE
08 AND GAS LINE TURN GAS ON TURN WELL OVER
09 TO PRODUCTION RIG DOWN EQUIPMENT

LABEL: FINAL REPORT
CUM COST: 121786
DATE: 10-15 THRU 10-21-82
ACTIVITY: THE RIG MOVED OFF THIS LOCATION ON 10-13-82.
02 THE FOLLOWING TEST DATA IS FOR 24 HRS. UNLESS OTHER
03 WISE STATED. THE TBG. AND INJ. CHOKES STAYED THE
04 SAME THRU THE TEST. 10-15-82 100 OIL 169 WTR
05 569 INJ 648 MCF GAS 350 TBG PSI 4 INJ CHOKE 30 TBG
06 CHOKE. 10-16-82 121 OIL 143 WTR 587 INJ 650 MCF GAS
07 200 TBG PSI 10-17-82 118 OIL 165 WTR 46 INJ 640 MCF
08 350 TBG PSI DOWN 7 HRS. 10-18-82 25 OIL
09 183 WTR 590 INJ 580 MCF GAS 1200 TBG PSI DOWN 20
10 HRS. 10-19-82 99 OIL 73 WTR 329 INJ 594 PROD
11 1200 TBG PSI DOWN 6 HRS. 10-20-82 66 OIL 77 WTR
12 166 INJ 703 PROD MCF GAS 100 TBG PSI DOWN 10 HRS.
13 10-21-82 119 OIL 185 WTR 480 INJ 791 MCF GAS
14 450 TBG PSI
15 THIS IS A FINAL REPORT ON THIS LOCATION.

LABEL: -----
DAILY COST: 14283
CUM COST: 24033
DATE: 10-5-82
ACTIVITY: 10-5-82 ACTIVITY BLEED PRESS OFF WELL PUMP

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 407
ISSUED 11/08/82

02 100 BBLs H2O DOWN CSG REMOVE BOP AND 10X6
03 SPOOL PUT 10X6 LANDING SPOOL ON 6 IN BOP
04 RU OWP PERF 12029 FT TO 12081 FT 195 HOLES
05 O PRESS RIG DOWN OWP START IN HOLE W/MT STATES
06 5 1/2 IN 20 LBS 32 A PKR AND PLUS 45 SEAT
07 NIPPLE 384 JTS SDON

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

RECEIVED

RD 427805418

OCT 02 1984

Dickson

MONTHLY OIL AND GAS PRODUCTION REPORT

DIVISION OF OIL
GAS & MINING

Operator name and address:

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

N1040

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	Gas (MSCF)	Water (BBL)
						Oil (BBL)		
BROTHERSON 1-03B4	4301330048	01525 02S 04W	3	WSTC	23	317	250	403
MURDOCK 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
EYRIS 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
RUSI 1-4B3	4301330063	01575 02S 03W	1	GR-WS	21	567	3041	1128
UTE UNIT 1-36A4	4301330069	01580 01S 04W	36	WSTC	22	2753	3538	907
UTE 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	31	1442	1685	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

[Handwritten Signature]

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

8

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
UTEX OIL COMPANY

3. ADDRESS OF OPERATOR
1245 E. Brickyard Rd., Ste. 600, Salt Lake City, Utah 84106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2,030' FNL, 660' FEL

5. LEASE DESIGNATION AND SERIAL NO.
Patented

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Rust

9. WELL NO.
1-4B3

10. FIELD AND POOL, OR WILDCAT
Altamont

14. PERMIT NO.
43-013-30063

16. Chec
NOTICE OF

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) X Plugback

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILLIE

EXPRESS MAIL ROUTINE SLIP

1-24 8:00
1-23 8:30
10:30
1-23 12:05
1-23 1:57
CA 1-23 1:59
MHP 1-23 2:00
MHP 1-23 2:47
CD 1-23 2:50
MS 1-24 11:30

T, R, M., OR B.L.E. AND
V.E.T. OR A.B.B.A.

1, T2S, R3W

18. STATE
Utah

OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Completion on Well
(and Log form.)

Estimated date of starting any
all markers and zones perti-

This well was originally completed in October, 1971 for 809 BOPD and 925 MCFD. Since 1971, each Wasatch interval has been individually recompleted. As production declined, the individual zones were co-mingled. Current production is 27.8 BOPD and 109 BWPD from 978 perforations.

A plugback of the Wasatch and completion to the Green River is planned when the current producing interval becomes uneconomical.

Proposed perforations are in the Green River interval at 9,570' - 10,790'. If necessary, the well will be acidized with 5,000 gallons 15% acid following perforation.

CONFIDENTIAL

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

SIGNED C.L. Bucher TITLE Production Engineer DATE 1/14/86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 1-23-86
BY: John R. Dyer

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

8

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented																				
2. NAME OF OPERATOR UTEX OIL COMPANY		6. IF INDIAN, ALLOTTER OR TRIBE NAME N/A																				
3. ADDRESS OF OPERATOR 1245 E. Brickyard Rd., Ste. 600, Salt Lake City, Utah 84106		7. UNIT AGREEMENT NAME N/A																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2,030' FNL, 660' FEL		8. FARM OR LEASE NAME Rust																				
14. PERMIT NO. 43-013-30063	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 1,121' KB	9. WELL NO. 1-4B3																				
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Altamont																				
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input checked="" type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) _____</td> <td>(Other) _____</td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T2S, R3W
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																				
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																			
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																			
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																			
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____																			
		12. COUNTY OR PARISH Duchesne																				
		18. STATE Utah																				

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

This well was originally completed in October, 1971 for 809 BOPD and 925 MCFD. Since 1971, each Wasatch interval has been individually recompleted. As production declined, the individual zones were co-mingled. Current production is 27.8 BOPD and 109 BWPD from 978 perforations.

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Proposed perforations are in the Green River interval at 9,570' - 10,790'. If necessary, the well will be acidized with 5,000 gallons 15% acid following perforation.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct
SIGNED C.L. Bucher TITLE Production Engineer DATE 1/14/86

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1-23-86
BY: John R. Dyer
*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR UTEX OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR 1245 E. Brickyard Rd., Ste. 600, Salt Lake City, Utah 84106</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2,030' FNL, 660' FEL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTED OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME N/A</p> <p>8. FARM OR LEASE NAME Rust</p> <p>9. WELL NO. 1-4B3</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T2S, R3W</p>
<p>14. PERMIT NO. 43-013-30063</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 1,121' KB</p>	<p>12. COUNTY OR PARISH Duchesne</p> <p>18. STATE Utah</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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) **X Plugback**

(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.)*

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CONFIDENTIAL

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

SIGNED *C.L. Bucher* TITLE *Production Engineer* DATE *1/14/86*

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

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

DATE: *1-22-86*
BY: *Original Signed by John R. Baza*

*See Instructions on Reverse Side.

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

PERMIT IN TRIPLICATE
(Other instructions on reverse side)

010930

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Rust

9. WELL NO.
1-4B3

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 4 2s 3w

12. COUNTY OR PARISH
Neuchance

13. STATE

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ANR Limited Inc.

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

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

See attached list

RECEIVED
DEC 31 1986

DIVISION OF OIL GAS & MINING

14. PERMIT NO.
43-013-30063

15. ELEVATIONS (Show whether of, ft, or, etc.)

12. COUNTY OR PARISH
Neuchance

13. STATE

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) - Change Operator

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANN

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

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

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

SIGNED

Don McNeen

TITLE

Dist Land Mgr

DATE

12/24/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER
2. NAME OF OPERATOR
3. ADDRESS OF OPERATOR
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2030' FNL & 660' FEL

DEC 3 1987

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

Patented POW-CRWs

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A 120825

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Rust et al

9. WELL NO.

1-4B3

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 4-T2S-R3W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. PERMIT NO.
43-013-30063

15. ELEVATIONS (Show whether DF, ST, CR, etc.)
6121' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Convert to rod pump
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Convert well from gas lift to rod pump 11-8-87.

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

SIGNED Brenda W. Swank
Brenda W. Swank

TITLE Assoc. Regulatory Analyst

DATE 11-30-87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



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:

N0675

• 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	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
BROTHERSON 1-3B4					
4301330048 01525 02S 04W 3	GRRV				
MURDOCK 1-26B5					
4301330049 01530 02S 05W 26	GR-WS				
MURDOCK #2-26B5					
4301331124 01531 02S 05W 26	WSTC				
BROTHERSON 1-14B4					
4301330051 01535 02S 04W 14	GR-WS				
BROTHERSON 1-11B4					
4301330052 01540 02S 04W 11	GR-WS				
BROTHERSON #2-11B4					
4301331078 01541 02S 04W 11	WSTC				
CHRISTENSEN 1-33A5					
4301330054 01545 01S 05W 33	GR-WS				
BLEAZARD 1-18B4					
4301330059 01565 02S 04W 18	WSTC				
BLEAZARD #2-18B4					
4301331025 01566 02S 04W 18	WSTC				
BROTHERSON 1-02B4					
4301330062 01570 02S 04W 2	GR-WS				
RUST 1-4B3					
4301330063 01575 02S 03W 4	GR-WS				
RUST #2-36A4					
4301331092 01577 01S 04W 36	WSTC				
UTE UNIT 1-36A4					
4301330069 01580 01S 04W 36	WSTC				
TOTAL					

Comments (attach separate sheet if necessary) _____

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

Authorized signature _____ Telephone _____

ANR

ANR Production Company

a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

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

Attention: Ms. Lisha Romero

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

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

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

Very truly yours,

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

The computer shows the ANR Limited wells listed under account no. N0235.

*DTS
1-26-88*

CC: AWS

CTE:mmw

Lisha,

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

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

6. Lease Designation and Serial Number Patented
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Rust #1-4B3
10. API Well Number 43-013-30063
11. Field and Pool, or Wildcat Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)
2. Name of Operator AN R Production Company
3. Address of Operator P. O. Box 749, Denver, Colorado 80201-0749
4. Telephone Number (303) 572-1121
5. Location of Well Footage : 2030' FNL & 660' FEL (SENE) QQ, Sec. T., R., M. : Sec. 4, T2S, R3W County : Duchesne State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion 9-11-90

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

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

Production dropped to zero. We went in and pulled pump. The pump was stuck. We called for jars and collar and finally freed up the pump. We went in with a new pump. Pressure tested. We lost pressure possibly indicating a hole in the tubing. At that time, we did a tubing inspection log. Two joints of tubing were found to be defective. This was replaced. It was determined that the existing gas anchor was malfunctioning. The gas anchor was modified and run back in the hole.

RECEIVED

APR 25 1991

DIVISION OF
OIL GAS & MINING

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

Name & Signature D. L. Buss Title Supervisor/Accounting 4-23-91

(State Use Only)

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

6. Lease Designation and Serial Number

Patented

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Rust #1-4B3

10. API Well Number

43-013-30063

11. Field and Pool, or Wildcat

Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well

- Oil Well
- Gas Well
- Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 2030' FNL & 660' FEL
QQ. Sec. T., R., M. : SENE Section 4, T2S-R3W

County : Duchesne
State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start 6/25/91

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion _____

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

Please see the attached proposed procedure to clean out the wellbore and acidize the perforations in the above-referenced well.

RECEIVED

MAY 31 1991

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

DATE: 6-4-91
BY: [Signature]

DIVISION OF
OIL GAS & MINING

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

Name & Signature

[Signature]

Green Danni Dey

Title

Regulatory Analyst

Date

5-24-91

(State Use Only)

WORKOVER PROCEDURE

Rust #1-4B3
Section 4, T2S, R3W
Duchesne County, Utah

WELL DATA

Location: 2030' FNL, 660' FEL
Elevation: 6096' GL, 6121' KB
Total Depth: 13,983'
PBSD: 12,856' (October 1987)
Casing: 13-3/8" 68# K-55 @ 313', cmt w/450 sxs
9-5/8" 47# CF-95 @ 6231', cmt w/725 sxs
7-5/8" 33.7# S-95 @ 12,036', cmt w/700 sxs
5-1/2" 20# S-95 liner from 11,912' to 13,980', cmt w/210 sxs
2-7/8" 6.5# N-80 tbg @ 10,813'
SN @ 10,842'; TAC @ 10,944'

Tubular Data:

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
9-5/8" 47# CF-95 ST&C	8.681"	8.525"	.0732 B/F	8150 psi	5090 psi
7-5/8" 33.7# S-95 LT&C	6.765"	6.640"	.0444 B/F	9380 psi	8800 psi
5-1/2" 20# S-95 LT&C	4.778"	4.653"	.0221 B/F	10910 psi	10630 psi
3-1/2" 9.3# N-80 EUE	2.992"	2.867"	.00870 B/F	10160 psi	10530 psi
2-7/8" 6.5# N-80 IJ	2.441"	2.347"	.00579 B/F	10570 psi	11160 psi

WELL HISTORY

October 1971: Initial completion. Perf Wasatch from 12,088' to 13,934', 576 perfs, flowed without stimulation 833 BOPD, 2 BWPD, and 1266 MCFPD, FTP 2500 psi, 13/64" chk.

November 1971: Acidize perfs 12,088' to 13,934' w/41,500 gals 15% HCl.
Before: 250 BOPD, 10 BWPD, 280 MCFPD
After: 2000 BOPD, 200 BWPD, 2400 MCFPD

September 1975: Acid wash perfs 12,088' to 13,934' w/4000 gals 15% HCl. No change in production.

October 1975: Cmt squeeze all perfs. Reperf 12,300' to 12,675' (23 holes) and 12,682' to 12,841' (38 holes). Acidize new perfs w/10,500 gals 15% HCl.
Before: 20 BOPD, 131 BWPD, 19 MCFPD
After: 25 BOPD, 22 BWPD, 58 MCFPD

May 1976: Set cmt retainer at 12,870'. Reperf from 12,301' to 12,841', 61 total holes. Acidize 12,300' to 12,841' w/54,700 gals 7-1/2% HCl.
Before: 25 BOPD, 22 BWPD, 58 MCFPD
After: 320 BOPD, 359 BWPD, 384 MCFPD

July 1976: 1100 gal acid wash from 12,301' to 12,841'. Initiate gas lift.
Before and After: 142 BOPD, 209 BWPD, 227 MCFPD

Workover Procedure
Rust #1-4B3
Page Two

- September 1976: Perf from 11,690' to 11,901', 30 holes, acidize same with 3450 gals 15% HCl.
- October 1976: Perf from 11,885' to 11,904', 20 holes, acidize same w/3950 gals 15% HCl.
Combined Production: 369 BOPD, 234 BWP, 359 MCFPD
- December 1976: Perf from 10,967' to 11,245', 46 total holes and 11,388' to 11,639', 38 total holes. Acidize perfs from 10,967' to 11,245' w/5800 gals 15% HCl. Acidize perfs from 11,388' to 11,639' w/4800 gals 15% HCl.
Before: 76 BOPD, 72 BWP, 45 MCFPD
After: 174 BOPD, 126 BWP, 354 MCFPD
- March 1978: Acid wash from 10,800' to 12,865' w/1700 gals 15% HCl.
Before: 25 BOPD, 262 BWP, 66 MCFPD
After: 69 BOPD, 204 BWP, 49 MCFPD
- October 1982: Perf 12,081' to 12,829', 195 total holes, acidize same interval (352 old perfs and 195 new perfs) w/20,000 gals 7-1/2% HCl. Perf from 11,024' to 12,000', 297 total holes. Acidize from 11,024' to 12,050' w/20,000 gals 7-1/2% HCl.
Before: 19 BOPD, 124 BWP, 107 MCFPD
After: 99 BOPD, 73 BWP, 594 MCFPD
- October 1987: Install beam pump
Before: 20 BOPD, 206 BWP, 40 MCFPD
After: 80 BOPD, 380 BWP, 120 MCFPD

PRESENT STATUS

Producing on beam pump 25 BOPD, 190 BWP, 78 MCFPD.

PROCEDURE

1. MIRU service rig. ND wellhead and NU BOPE. POOH w/rods. Release TAC and POOH w/tbg. PU & RIH w/CO tools to $\pm 12,850'$. POOH.
2. Attempt to fill csg. RU wireline service company. RIH w/dump bailer and spot 2.5 sxs of cmt on PBT.
3. PU & RIH w/7-5/8" 33.7# treating pkr on 3-1/2" tbg. Set pkr @ $\pm 10,900'$.
4. Acidize perfs from 10,967' to $\pm 12,840'$, 978 total holes, w/30,000 gals 15% HCl w/1200 1.1 sg BS's and specified additives. MTP 8500 psi.
Note: The above acid job should be designed to include:
 - A. All fluids to be heated to 150°F.
 - B. Precede acid w/250 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor and 490 1.1 sg BS's evenly spaced.

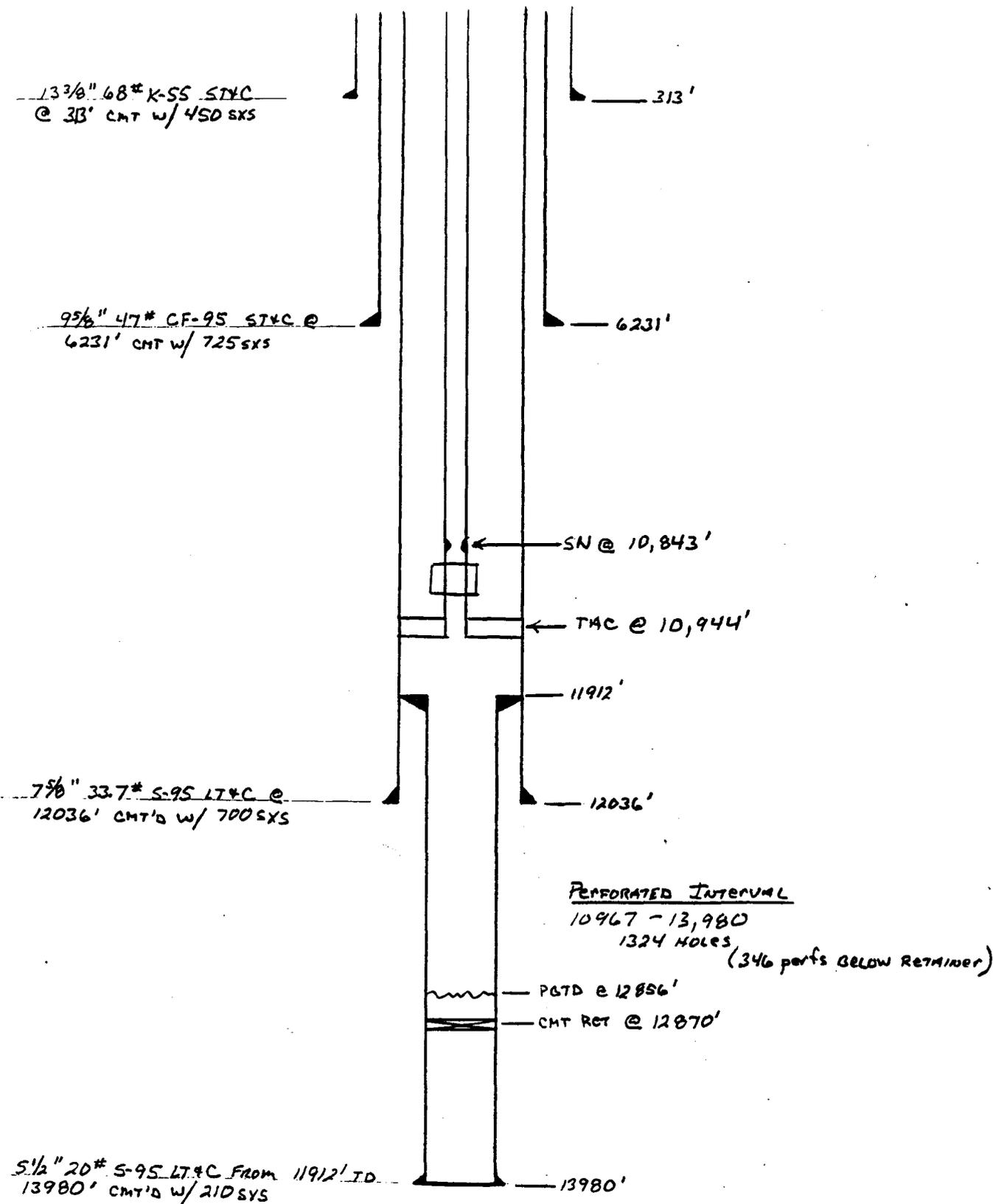
Workover Procedure
Rust #1-4B3
Page Three

- C. Spearhead w/500 gals Xylene.
 - D. Acidize w/6 stages of 5000 gals each containing 200 1.1 sg BS's evenly spaced and 5 diverter stages of 1500 gals gelled saltwater w/ 1/2#/gal Benzoic acid flakes and rock salt.
5. Flow/swab back acid load.
 6. Release pkr, POOH and LD 3-1/2" tbg. PU & RIH w/production equipment. Set SN @ $\pm 10,400'$. RIH w/1-3/4" pump. 600'-1", 3625'-3/4", 3125'-7/8", and 3050'-1". Return to production.

SCP:cam

PRESENT WELLBORE SCHEMATIC
RUST #1-483
SECTION 4, T2S, R3W

S.C. Frutch
4/30/91



TD: 13983

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

6. Lease Designation and Serial Number Patented
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement N/A
9. Well Name and Number Rust #1-4B3
10. API Well Number 43-013-30063
11. Field and Pool, or Wildcat Altamont

SUNDRY NOTICES AND REPORTS ON WELLS
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1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
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3. Address of Operator P. O. Box 749, Denver, Colorado 80201-0749	
4. Telephone Number (303) 572-1121	
5. Location of Well Footage : 2030' FNL & 660' FEL (SENE) QQ, Sec. T., R., M. : Sec. 4, T2S, R3W	
County : Duchesne State : UTAH	

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Gas Anchor Modified</u>	

Date of Work Completion 9-11-90

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Production dropped to zero. We went in and pulled pump. The pump was stuck. We called for jars and collar and finally freed up the pump. We went in with a new pump. Pressure tested. We lost pressure possibly indicating a hole in the tubing. At that time, we did a tubing inspection log. Two joints of tubing were found to be defective. This was replaced. It was determined that the existing gas anchor was malfunctioning. The gas anchor was modified and run back in the hole.

RECEIVED
JUL 29 1991
DIVISION OF
OIL GAS & MINING

I hereby certify that the foregoing is true and correct
D. L. Buss

Name & Signature D. L. Buss Title Supervisor/Accounting 4-23-91

Date Use Only _____

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

6. Lease Designation and Serial Number

Patented

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Rust #1-4B3

10. API Well Number

43-013-30063

11. Field and Pool, or Wildcat

Altamont

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1. Type of Well

- Oil Well
- Gas Well
- Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 2030' FNL & 660' FEL

County : Duchesne

Q.C. Sec. T., R., M. : SENE Section 4, T2S-R3W

State : UTAH

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Approximate Date Work Will Start _____

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(Submit Original Form Only)

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- Water Shut-Off

Date of Work Completion 8/1/91

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

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Please see the attached chronological history for the clean out and acid job performed on the above-referenced well.

RECEIVED

AUG 19 1991

DIVISION OF
OIL GAS & MINING

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

Name & Signature

Heleen Damm Day

Title Regulatory Analyst Date 8/16/91

(State Use Only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (CO & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.961% ANR AFE: 63578

Page 3

8/9/91 Pmpd 70 B0, 377 BW, 245 MCF/24 hr, 9.7 SPM.

8/10/91 Pmpd 79 B0, 376 BW, 197 MCF/24 hr, 9.7 SPM.

8/11/91 Pmpd 66 B0, 371 BW, 197 MCF/24 hr, 9.7 SPM.

Prior prod: 25 BOPD, 240 BWPD, 78 MCFPD. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 2

RUST #1-4B3 (CO & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.961% ANR AFE: 63578
TD: 13,983' PBD: 12,856'
5-1/2" LINER @ 11,912'-13,980'
PERFS: 10,967'-12,840' (WASATCH)
CWC(M\$): \$115.1

7/22/91 Prep to pull rods & pump. MIRU workover rig.
DC: \$1,904 TC: \$1,904

7/23/91 POH w/2-7/8" tbg. POH w/rods, had 7/8" part @ 3500'. Rec remaining
rods & pump. ND WH, NU BOP. Released tbg anchor.
DC: \$3,798 TC: \$5,702

7/24/91 Prep to CO liner. Fin POH w/tbg and anchor. TIH w/4-5/8" mill & CO
tool to 11,873'.
DC: \$2,849 TC: \$8,551

7/25/91 TIH w/7-5/8" pkr on 3-1/2" tbg. TIH w/4-5/8" mill & CO tool to
12,850' PBD. POH w/mill. RU WL, dump 2.5 sx cmt @ 12,850'.
DC: \$7,620 TC: \$16,171

7/26/91 Prep to acidize Wasatch @ 10,967'-12,840'. RD WL. TIH w/7-5/8" pkr
to 10,771'.
DC: \$7,710 TC: \$23,881

7/29/91 Swab tstg Wasatch after acid job. Set pkr @ 10,771'. Acddz Wasatch
perfs @ 10,967'-12,840' w/30,000 gal 15% HCl plus diverter. Treated
@ 25 BPM @ 6900#, max pressure = 7920#, ISIP 3650#. Had fair
diversion, 1351 BLWTR. Swab 12 BO, 81 BLW/4 hr, FFL 6700', oil cut
40%, pH 4.0.
DC: \$59,924 TC: \$83,805

7/30/91 LD 3-1/2" tbg, prep to run prod tbg. Swab 21 BO, 2 BLW/2 hr, FFL
4600', pH 5.0, 1268 BLWTR. Release pkr & POH. LD 3-1/2" tbg.
DC: \$5,729 TC: \$89,534

7/31/91 RIH w/rods and pump. Fin LD 3-1/2" tbg. TIH w/pmpg BHA on 2-7/8"
tbg. Set tbg anchor @ 10,511'. ND BOP, NU WH.
DC: \$3,790 TC: \$93,324

8/1/91 Well on pump. RIH w/1-3/4" pump and rods. Place well on pump @ 2:00
p.m., 8/1/91.
DC: \$4,442 TC: \$97,766

8/1/91 Pmpd 95 BO, 212 BLW, 111 MCF/17 hr, 9.7 SPM.

8/2/91 Pmpd 41 BO, 265 BW, 180 MCF/12 hr, 9.7 SPM. Down 12 hr - electrical.
DC: \$7,153 TC: \$104,919

8/3/91 Pmpd 18 BO, 57 BW, 180 MCF/6 hr, 9.7 SPM. Down 18 hr - rod part.

8/4/91 Pmpd 0 BO, 0 BW, 0 MCF. Rod part.

8/5/91 Pmpd 0 BO, 0 BW, 0 MCF. Rod part.

8/6/91 Pmpd 54 BO, 228 BW, 127 MCF/16 hrs, 9.7 SPM.

8/7/91 Pmpd 100 BO, 298 BW, 241 MCF/24 hrs, 9.7 SPM.

8/8/91 Pmpd 72 BO, 354 BW, 230 MCF/24 hr, 9.7 SPM.

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

6. Lease Designation and Serial Number

Patented

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

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Rust #1-4B3

10. API Well Number

43-013-30063

11. Field and Pool, or Wildcat

Altamont

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1. Type of Well

Oil Well Gas Well Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 2030' FNL & 660' FEL

County : Duchesne

Q. Sec. T. R. M. : SENE Section 4, T2S-R3W

State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Other _____ | |

Date of Work Completion 8/1/91

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RECEIVED

DEC 11 1991

DIVISION OF
OIL GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

Patricia Danna Day

Title Regulatory Analyst Date 8/16/91

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 2

RUST #1-483 (CO & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.961% ANR AFE: 63578
TD: 13,983' PBD: 12,856'
5-1/2" LINER @ 11,912'-13,980'
PERFS: 10,967'-12,840' (WASATCH)
CWC(M\$): \$115.1

7/22/91 Prep to pull rods & pump. MIRU workover rig.
DC: \$1,904 TC: \$1,904

7/23/91 POH w/2-7/8" tbg. POH w/rods, had 7/8" part @ 3500'. Rec remaining
rods & pump. ND WH, NU BOP. Released tbg anchor.
DC: \$3,798 TC: \$5,702

7/24/91 Prep to CO liner. Fin POH w/tbg and anchor. TIH w/4-5/8" mill & CO
tool to 11,873'.
DC: \$2,849 TC: \$8,551

7/25/91 TIH w/7-5/8" pkr on 3-1/2" tbg. TIH w/4-5/8" mill & CO tool to
12,850' PBD. POH w/mill. RU WL, dump 2.5 sx cmt @ 12,850'.
DC: \$7,620 TC: \$16,171

7/26/91 Prep to acidize Wasatch @ 10,967'-12,840'. RD WL. TIH w/7-5/8" pkr
to 10,771'.
DC: \$7,710 TC: \$23,881

7/29/91 Swab tstg Wasatch after acid job. Set pkr @ 10,771'. Acddz Wasatch
perfs @ 10,967'-12,840' w/30,000 gal 15% HCl plus diverter. Treated
@ 25 BPM @ 6900#, max pressure = 7920#, ISIP 3650#. Had fair
diversion, 1351 BLWTR. Swab 12 BO, 81 BLW/4 hr, FFL 6700', oil cut
40%, pH 4.0.
DC: \$59,924 TC: \$83,805

7/30/91 LD 3-1/2" tbg, prep to run prod tbg. Swab 21 BO, 2 BLW/2 hr, FFL
4600', pH 5.0, 1268 BLWTR. Release pkr & POH. LD 3-1/2" tbg.
DC: \$5,729 TC: \$89,534

7/31/91 RIH w/rods and pump. Fin LD 3-1/2" tbg. TIH w/pmpg BHA on 2-7/8"
tbg. Set tbg anchor @ 10,511'. ND BOP, NU WH.
DC: \$3,790 TC: \$93,324

8/1/91 Well on pump. RIH w/1-3/4" pump and rods. Place well on pump @ 2:00
p.m., 8/1/91.
DC: \$4,442 TC: \$97,766

8/1/91 Pmpd 95 BO, 212 BLW, 111 MCF/17 hr, 9.7 SPM.

8/2/91 Pmpd 41 BO, 265 BW, 180 MCF/12 hr, 9.7 SPM. Down 12 hr - electrical.
DC: \$7,153 TC: \$104,919

8/3/91 Pmpd 18 BO, 57 BW, 180 MCF/6 hr, 9.7 SPM. Down 18 hr - rod part.

8/4/91 Pmpd 0 BO, 0 BW, 0 MCF. Rod part.

8/5/91 Pmpd 0 BO, 0 BW, 0 MCF. Rod part.

8/6/91 Pmpd 54 BO, 228 BW, 127 MCF/16 hrs, 9.7 SPM.

8/7/91 Pmpd 100 BO, 298 BW, 241 MCF/24 hrs, 9.7 SPM.

8/8/91 Pmpd 72 BO, 354 BW, 230 MCF/24 hr, 9.7 SPM.

RECEIVED

DEC 11 1991

DIVISION OF
OIL GAS & MINING

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-483 (CO & ACIDIZE)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.961% ANR AFE: 63578

Page 3

8/9/91 Pmpd 70 BO, 377 BW, 245 MCF/24 hr, 9.7 SPM.
8/10/91 Pmpd 79 BO, 376 BW, 197 MCF/24 hr, 9.7 SPM.
8/11/91 Pmpd 66 BO, 371 BW, 197 MCF/24 hr, 9.7 SPM.
 Prior prod: 25 BOPD, 240 BWPD, 78 MCFPD. Final report.

RECEIVED

DEC 11 1991

DIVISION OF
OIL GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
Patented

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

7. Unit Agreement Name:
N/A

8. Well Name and Number:
Rust #1-4B3

9. API Well Number:
43-013-30063

10. Field and Pool, or Wildcat:
Altamont

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
ANR Production Company

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

4. Location of Well
Footages: 2030' FNL & 660' FEL
QQ, Sec., T., R., M.: SE/NE Section 4, T2S-R3W

County: Duchesne
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start 3/15/93

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

Please see the attached procedure to recomplate the above referenced well to the Lower Wasatch formation.

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

DATE: 3-4-93
BY: [Signature]

RECEIVED

MAR 01 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: [Signature] Title: Regulatory Analyst Date: 2/25/93
Eileen Danni Dev

(This space for State use only)

WORKOVER PROCEDURE

Rust #1-4B3
Section 4, T2S, R3W
Duchesne County, Utah

WELL DATA

Location: 2030' FNL, 660' FEL
Elevation: 6096' GL, 6121' KB
Total Depth: 13,983'
PBDT: ±12,832' (August 1991)
Casing: 13-3/8" 68# K-55 @ 313', cmt w/450 sxs
9-5/8" 47# CF-95 @ 6231', cmt w/725 sxs
7-5/8" 33.7# S-95 @ 12,036', cmt w/700 sxs
5-1/2" 20# S-95 liner from 11,912' to 13,980', cmt w/210 sxs
2-7/8" 6.5# N-80 tbg @ 10,813'
SN @ 10,842'; TAC @ 10,944'

Tubular Data:

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
9-5/8" 47# CF-95 ST&C	8.681"	8.525"	.0732 B/F	8150 psi	5090 psi
7-5/8" 33.7# S-95 LT&C	6.765"	6.640"	.0444 B/F	9380 psi	8800 psi
5-1/2" 20# S-95 LT&C	4.778"	4.653"	.0221 B/F	10910 psi	10630 psi
3-1/2" 9.3# N-80 EUE	2.992"	2.867"	.00870 B/F	10160 psi	10530 psi
2-7/8" 6.5# N-80 IJ	2.441"	2.347"	.00579 B/F	10570 psi	11160 psi

WELL HISTORY

October 1971: Initial completion. Perf Wasatch from 12,088' to 13,934', 576 perfs, flowed without stimulation 833 BOPD, 2 BWPD, and 1266 MCFPD, FTP 2500 psi, 13/64" chk.

November 1971: Acidize perfs 12,088' to 13,934' w/41,500 gals 15% HCl.
Before: 250 BOPD, 10 BWPD, 280 MCFPD
After: 2000 BOPD, 200 BWPD, 2400 MCFPD

September 1975: Coiled tubing acid wash perfs 12,088' to 13,934' w/4000 gals 15% HCl.
Before: 25 BOPD, 115 BWPD, 32 MCFPD, FTP 300 psi, 10/64" chk.
After: 38 BOPD, 92 BWPD, 17 MCFPD, FTP 50 psi, 1" chk

October 1975: Cmt squeeze all perfs. Reperf 12,300' to 12,675' (23 holes) and 12,682' to 12,841' (38 holes). Acidize new perfs w/10,500 gals 15% HCl.
Before: 20 BOPD, 131 BWPD, 19 MCFPD, 1" chk, FTP 50 psi
After: 25 BOPD, 22 BWPD, 58 MCFPD, 1" chk, FTP 50 psi

May 1976: Set cmt retainer at 12,870'. Reperf from 12,301' to 12,841', 61 total holes. Acidize 12,300' to 12,841' (288 holes) w/54,700 gals 7½% HCl.
Before: 0 BOPD, 27 BWPD, 0 MCFPD, slugging
After: 157 BOPD, 215 BWPD, 228 MCFPD, 1" chk, FTP 100 psi

Workover Procedure
Rust #1-4B3
Page Two

- July 1976: 1100 gal acid wash from 12,301' to 12,841'. Initiate gas lift.
Before: 74 BOPD, 132 BWP, 283 MCFPD, 1" chk, FTP 100 psi
After: 139 BOPD, 314 BWP, 753 MCFPD on gas lift
- September 1976: Perf from 11,690' to 11,901', 30 holes, acidize same with 3450 gals 15% HCl.
- October 1976: Perf from 11,885' to 11,904', 20 holes, acidize same w/3950 gals 15% HCl.
Combined Production: 369 BOPD, 234 BWP, 359 MCFPD
- December 1976: Perf from 10,967' to 11,245', 46 total holes and 11,388' to 11,639', 38 total holes. Acidize perfs from 10,967' to 11,245' w/5800 gals 15% HCl. Acidize perfs from 11,388' to 11,639' w/4800 gals 15% HCl.
Before: 76 BOPD, 72 BWP, 45 MCFPD
After: 174 BOPD, 126 BWP, 354 MCFPD
- March 1978: Acid wash from 10,800' to 12,865' w/1700 gals 15% HCl.
Before: 25 BOPD, 262 BWP, 66 MCFPD
After: 69 BOPD, 204 BWP, 49 MCFPD
- October 1982: Perf 12,081' to 12,829', 195 total holes, acidize same interval (352 old perfs and 195 new perfs) w/20,000 gals 7-1/2% HCl. Perf from 11,024' to 12,000', 297 total holes. Acidize from 11,024' to 12,050' w/20,000 gals 7-1/2% HCl.
Before: 19 BOPD, 124 BWP, 107 MCFPD
After: 99 BOPD, 73 BWP, 594 MCFPD
- October 1987: Install beam pump
Before: 20 BOPD, 206 BWP, 40 MCFPD
After: 80 BOPD, 380 BWP, 120 MCFPD
- August 1991: CO to 12,850'. Acidize perforations from 10,967' to 12,832', 978 holes, w/30,000 gals 15% HCl.
Before: 25 BOPD, 240 BWP, 78 MCFPD
After: 70 BOPD, 376 BWP, 245 MCFPD

PRESENT STATUS

Producing with 1 1/4" pump @ 8.6 SPM and fluid at the pump. Average production in January 1993 15 BOPD, 128 BWP and 88 MCFPD.

PROCEDURE

1. MIRU service rig. Stand back pump and rods. NU BOPE. Release TAC and stand back 2-7/8" tbg.

Workover Procedure
Rust #1-4B3
Page Three

2. PU & RIH w/4-5/8" mill and CO tools. CO cement and junk on top of cement retainer at $\pm 12,870'$ (NOTE: Estimated cement top @ $\pm 12,832'$ established in August 1991. Also, wellbore cleaned out to 12,856' in October 1987. Also in October 1975 cmt top was estimated to be @ 12,865'. Also note that wax cutters may be on top of cmt retainer.) Drill out cmt retainer @ $\pm 12,870'$ and CO csg to at least 13,850'. NOTE: The wellbore was cleaned out to 13,871' in October 1975. POOH.
3. RU wireline service company. PU & RIH w/4" csg gun, 120° phasing, 3 SPF. Perforate from 12,926' to 13,812', 57 settings, 171 total holes per the attached perforation schedule.
4. MIRU Halliburton's 2-3/8" coiled tubing unit. RIH w/tbg and SIP tool. Isolate and acidize all new perforations from 12,926' to 13,812' with 5500 gals 15% HCl per the attached Halliburton prog. The acid job should be designed to include:
 - A) All fluids to be heated to 150°F.
 - B) Do not use Checkersol or DP 104 or equivalent. Use all of Halliburton's additives.
 - C) Scale inhibitor should be added to all fluids - 10 gals/1000 gals.
5. RIH with production equipment and return on line. Consult with Denver office for pump size to use.

SCP:cam

ANRPC Rust #1-4B3
 SE/NE Section 4, T2S-R3W
 Duchesne County, Utah

Proposed Perforation Schedule

Reference Log: Schlumberger Compensated Neutron dated 9/23/71.

12,926	13,216	13,471	13,705
12,960	13,279	13,476	13,710
12,972	13,282	13,482	13,713
12,976	13,286		13,720
12,984		13,522	13,727
12,991	13,302	13,553	13,754
	13,310	13,563	
13,064	13,324	13,567	13,812
13,072	13,326	13,574	
	13,328	13,582	12,936
13,126	13,334	13,592	12,944
13,136	13,342		12,948
13,139	13,350	13,631	13,032
13,172	13,356	13,667	13,036
13,179	13,363	13,686	13,003
13,185	13,383		13,102
			13,108

Per CONVERSATION
 WITH Wendell Cole
 1/22/93
 JCP

Totals: 41 zones, ⁵⁷~~49~~ feet and ¹⁷¹~~147~~ holes @ 3 JSPF.

W. Cole
 W. Cole
 10/8/92

Approved: *R. D. Liebling*
 R. D. Liebling

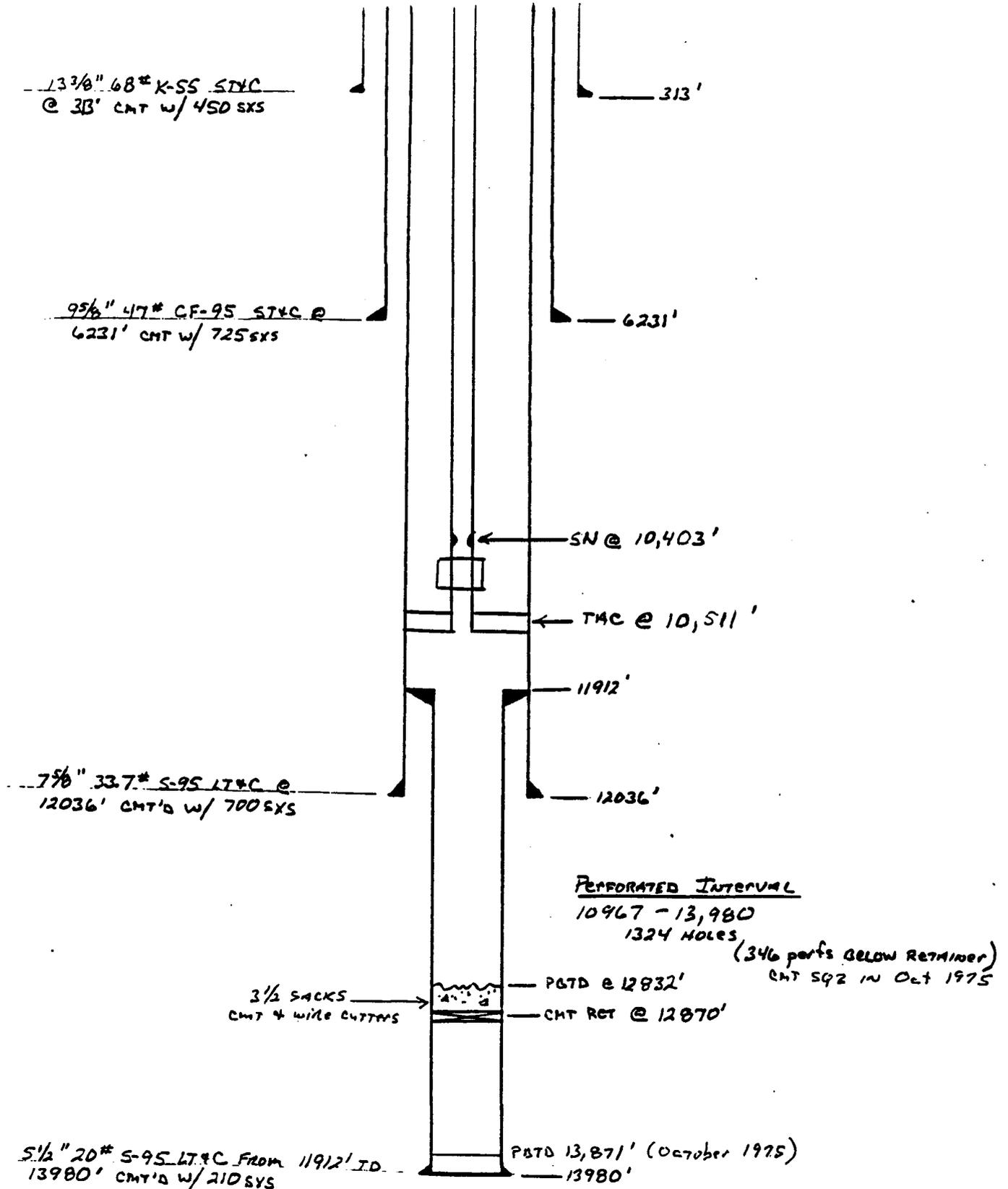
PRESENT WELLBORE SCHEMATIC

S.C. Frutch

RWST #1-483

SECTION 4, TDS, R3W

1/22/93



TD: 13983

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION FORM

COMPANY: ANR PRODUCING CO. COMPANY REP: GREG TODD (RIG PUSHER)
WELL NAME: RUST 1-4 B3 API NO: 43-013-30063
SECTION: 4 TWP: 2S RANGE: 3⁴W
CONTRACTOR: WESTERN WELL SERVICE RIG NUMBER: # 29
INSPECTOR: DENNIS INGRAM TIME: 2:00 PM AM/PM DATE: 7/6/93
OPERATIONS AT THE TIME OF INSPECTION: RUNNING IN HOLE WITH TUBING

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: POW
H2S: N/A ENVIRONMENTAL: OK PIT: Y BOPE: Y
DISPOSITION OF FLUIDS USED: TANK & TRUCK

DOES THIS WORKOVER QUALIFY FOR STATE TAX CREDITS: (Y/N) NO
PERFORATED: STIMULATED: SAND CONTROL:
WATER SHUT OFF: WELLBORE CLEANOUT: Y WELL DEEPENED:
CASING OR LINER REPAIR: ENHANCED RECOVERY: Y THIEF ZONE:
CHANGE OF LIFT SYSTEM: TUBING CHANGE: OTHER CEMENT SQUEEZE:
SURFACE EQUIPMENT CHANGES OR ASSOCIATED COSTS DO NOT QUALIFY FOR CREDITS.

REMARKS:
HAVE BEEN ON HOLE SINCE MAY. ARE DOING A CLEAN OUT & ACID JOB. RIG
ALSO DRILLED OUT SOME OLD CEMENT PLUGS TO INCREASE PRODUCTION.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: Patented
6. If Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: N/A
8. Well Name and Number: Rust #1-4B3
9. API Well Number: 43-013-30063
10. Field and Pool, or Wildcat: Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator:
ANR Production Company

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

4. Location of Well
Footages: 2030' FNL & 660' FEL
County: Duchesne
OO, Sec., T., R., M.: SE/NE Section 4, T2S-R3W
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize / <small>Recomplete L. Wasatch</small> |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion 7/8/93

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

* Must be accompanied by a cement verification report.

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

Please see the attached chronological history for the recompletion of the Lower Wasatch (perf and acid stimulation) performed on the above referenced well.

RECEIVED

AUG 04 1993

DIVISION OF
OIL, GAS & MINING

13. Name & Signature: Eileen Danni Dey Title: Regulatory Analyst Date: 7/29/93

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1
TD: 13,983'
5-1/2" LINER @ 11,912'-13,980'
PERFS: 10,967'-13,754' (WASATCH)
CWC(M\$): 201.0

Page 4

- 5/19/93 POOH w/tbg. RU rig. Flush rods w/50 bbls prod wtr. PT to 500 psi. LD polish rod, 1 - 4', 1 - 6'. LD 118 - 1", 125 - 7/8", 145 - 3/4" and 24 - 1". LD 1-1/4" pump. Remove pump tee. PU on tbg, rls anchor. Install BOP's.
DC: \$3,881 TC: \$3,881
- 5/20/93 RIH with 4-5/8" mill and CO tools. POOH w/331 jts 2-7/8", SN, 4' sub, 4-1/2" PBGA, 1-jt 2-7/8", plug, 1-jt 2-7/8" perf, 4' 2-7/8" sub, 7-5/8" anchor. RIH with 4-5/8" flat btm mill, 10' sub, check, 1-jt 2-7/8", check, 31 jts 2-7/8", safety jt, bailer, 4' 2-7/8" sub, 300 jts 2-7/8". PU 40 jts 2-7/8".
DC: \$2,808 TC: \$6,689
- 5/21/93 POOH w/tbg. Finish RIH w/tbg. Tag liner (add 21' to tally to adj. to logs). PU 2-7/8" tbg, tag @ 12,819'. Stroke to 12,829'. Can't make hole. RU swivel. Mill for 6 hrs. Made 14' @ 12,841'. Mill & stroke 2 more hours. Can't make hole - mill plugged up or worn out. RD swivel. POH to top of liner.
DC: \$4,465 TC: \$11,154
- 5/24/93 RIH, mill & stroke. Bleed off well. POOH w/2-7/8" tbg. LD bailer. POOH w/31 jts 2-7/8" wet (last jt plugged w/frac balls, scale, etc.), check, 1-jt 2-7/8" (some fill), check, 10' sub 2-7/8" plugged w/2 pieces of sinker bar (6'40", 4'60" x 1 1/2"), mill. Mill worn out - had 2 pieces of sinker bar 6" long inside. RIH w/4-5/8" flat btm mill, 1-jt 2-7/8", check, 1-jt 2-7/8", check, 30 jts 2-7/8", safety jt, bailer, 330 jts 2-7/8". SDFN, leave csg open to treater, stay above liner.
DC: \$3,408 TC: \$14,562
- 5/25/93 POOH w/bailer. Bleed off well. Continue to RIH, tag @ 12,840'. RU swivel. Mill & stroke for 6.5 hrs. Made ±1' @ 12,841'. Mill is either worn out or port plugged up. LD swivel. POOH with 240 joints 2-7/8".
DC: \$4,315 TC: \$18,877
- 5/26/93 RIH w/OS. Cont to POOH w/2-7/8". LD bailer. POOH w/30 jts 2-7/8", check (had 1-1/2' of fine metal cuttings), 1-jt 2-7/8", check, 1-jt 2-7/8", 4-5/8" mill. Mill had been cored - something had been inside 11". Decide to run impression block on tbg. RIH w/4-1/2" impression block, XO, 3' 2-7/8" perf sub, 410 jts 2-7/8". Stack impression block on fish. POOH w/2-7/8" tbg, impression block. Impression block had 1-3/8" hole pushed clear through block. Fish is sticking up at least 5".
DC: \$3,582 TC: \$22,459
- 5/27/93 RIH w/1-1/4" grapple, OS. Bleed off well. PU 1-3/8" grapple, OS, XO, bumper sub, jars, XO, 4' 2-7/8" perf sub, 408 jts 2-7/8". Latch onto fish, pull 6000# over wt, slip off or latched onto fish. POOH w/2-7/8" tbg, OS & grapple. Fish had slipped off.
DC: \$2,938 TC: \$25,397

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

Page 5

- 5/28/93 RIH w/mill & CO tools. RIH w/1-1/4" grapple, OS, bumper sub, jars, 4' 2-7/8" perf sub, 408 jts 2-7/8". Latch onto fish. Pull 10,000# over, pulled off. Can't get grapple to catch. POOH w/2-7/8" tbg, jars, bumper sub, overshot. Nothing recovered. RIH w/4-5/8" flat btm mill, 10' 2-7/8" sub, check, 1-jt 2-7/8", check, 30 jts 2-7/8", safety jt, bailer, 280 jts 2-7/8".
DC: \$4,991 TC: \$30,388
- 6/1/93 POOH w/tbg, mill. RIH w/mill. Tag @ 12,841'. Mill & stroke for 7 hrs. Made 1', top of fish @ 12,842'. POOH w/190 jts 2-7/8".
DC: \$4,485 TC: \$34,873
- 6/2/93 POOH w/tbg. POOH w/30 jts 2-7/8" wet, check, (1-1/2" of metal cuttings, frac ball), 1 jt 2-7/8", check, 10' sub, 4-5/8" mill. Part of mill broken off - cutrite segment. Wear also up inside of mill opening. Decide to run shoe & washpipe. PU 4-5/8" OD shoe, 1-jt 4-1/2" washpipe, sub XO, check, 10' sub, check, 31 jts 2-7/8", safety jt, bailer, 2-7/8" tbg. Tag fish @ 12,842'. Mill & stroke for 3-hrs, no progress.
DC: \$4,801 TC: \$39,674
- 6/3/93 RIH w/mill. Bleed well off. POOH w/tbg. LD bailer, 31 jts 2-7/8", check (1' of cuttings rec), 10' sub, check. LD washpipe & 4-5/8" shoe. Shoe worn out w/exterior cut marks on body of shoe (possible wireline cut). RIH with 4-5/8" bladed mill, 2 junk baskets, 1-joint 2-7/8", jars, 360 jts 2-7/8". Stay above liner.
DC: \$3,219 TC: \$42,893
- 6/4/93 POOH w/tbg. RIH, tag fish @ 12,841'. RU swivel. Pump 80 bbls prod wtr @ 5 BPM down tbg. Start milling while pmpg 1-1.5 BPM. Torquing up, acts like wire. Mill for 7.5 hrs, made 5'. TOF @ 12,846'. POOH w/80 jts 2-7/8".
DC: \$5,165 TC: \$48,058
- 6/7/93 RIH w/mill. Continue to POOH w/2-7/8" tbg. LD jars, 2 junk baskets & 4-5/8" mill. Mill was worn out. Empty out junk baskets. Baskets full of metal shavings, chunks of metal, several pieces of wire & brass. RIH w/4-5/8", bladed mill, 3 junk baskets, jars and 375 jts 2-7/8" to above 5" liner.
DC: \$3,510 TC: \$51,568
- 6/8/93 POOH w/mill. Continue to RIH, tag TOF @ 12,845' (1' high). Pump 60 bbls prod wtr down tbg @ 5 BPM. Start milling while pmpg 1-1.5 BPM. Mill for 7-hrs, made 3' to 12,848'. No progress last 2-hrs, no torque w/8-10,000# on mill. POOH w/300 jts 2-7/8".
DC: \$5,673 TC: \$57,241
- 6/9/93 POOH w/mill. Continue to POOH w/2-7/8" tbg. Mill was worn out with 2-1/4" ID impression. Baskets full of brass, big heavy metal chunks, wire & perf gun charge covers. RIH w/4-5/8" 3-bladed mill, 4 junk baskets & jars. RIH w/2-7/8" tbg. Tag @ 12,847'. Begin milling & pmpg down tbg @ 1-1.5 BPM. Mill for 5-1/2 hrs. Milled 1' to 12,848'. Milling, fish moved up hole 1-1/2'. Mill back 1-1/2' to 12,848' with 0-12,000# wt in 2-hrs. Mill worn out. CICR appears loose, but cannot push down hole. POOH w/2-7/8" above liner @ 11,900'.
DC: \$5,199 TC: \$62,440

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-483 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

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- 6/10/93 RIH w/mill. Continue to POOH w/2-7/8" tbg. LD jars, 4-junk baskets & mill. Mill was worn out w/2-1/4" ID impression. Junk baskets had a small amt of wire & small metal chunks. RIH w/4-5/8" OD, 3-bladed mill, 4-junk baskets, jars and 360 jts 2-7/8".
DC: \$2,864 TC: \$65,304
- 6/11/93 RIH w/mill. Continue to RIH to fish @ 12,847'. Began to mill & pump 1 BPM while milling. Made 4' in 8.5 hrs, TOF @ 12,851'. Pull out of liner.
DC: \$5,191 TC: \$70,495
- 6/12/93 RIH w/mill. RIH, tag fish @ 12,851'. Mill & pump prod wtr down tbg for 4.5 hrs. Made 2', TOF @ 12,853'. POOH w/2-7/8", jars, 4 junk baskets & mill. Mill was worn out, 4" OD groove w/3-1/8" ID impression. Junk baskets full of metal shavings, metal chunks & wire, brass, trace of hydril threads.
DC: \$4,814 TC: \$75,309
- 6/14/93 RIH w/4-5/8" OD 3-bladed mill, 4 junk baskets, jars, 30 jts 2-7/8". Rig broke down. SD & repair - 7 hrs. RIH w/300 total jts 2-7/8" to ±11,900'.
DC: \$2,406 TC: \$77,715
- 6/15/93 POOH w/tbg & mill. Cont to RIH, tag fish @ 12,851' - 2' high. Mill & pump ±1 BPM. Mill to original PBD @ 12,853' in 1-hr. Mill to 12,863' 8½ hrs. Mill worn out. POOH, out of liner.
DC: \$5,968 TC: \$83,683
- 6/16/93 RIH w/mill. POOH w/2-7/8" tbg, jars, 4 junk baskets, mill. Mill was worn 4-1/4" OD on the body, 3-1/8" ID impression. Junk baskets full of wire, metal chunks, metal filings. RIH w/4-5/8" OD 3-bladed mill, 4 junk baskets, 360 jts 2-7/8".
DC: \$2,862 TC: \$86,545
- 6/17/93 RIH, mill. RIH, tag @ 12,859', 4' high. Mill to 12,863' in 15 min. Pump 1 BPM while milling. Milling rough - cleaned up, acts like milling on cmt retainer. Drill to 12,866.5' in 10 hrs. POOH above liner.
DC: \$5,702 TC: \$92,247
- 6/18/93 RIH w/mill, tbg. RIH, tag @ 12,866.5'. Mill for 3 hrs, made 1' to 12,867.5'. Mill worn out. POOH w/2-7/8" tbg. LD jars, 4 junk baskets, mill. Mill worn completely out 4-1/16" OD on mill. Junk baskets had a lot of fine metal shavings, chunks of metal, hard rubber.
DC: \$4,082 TC: \$96,329
- 6/21/93 POOH w/tbg. RIH w/4-5/8" OD 3-bladed mill, 4 junk baskets. Tag @ 12,867.5'. Pump 1 BPM down tbg while milling. Mill to 12,872'. Made 4.5' in 6.5 hrs. Made no hole last hour. POOH w/2-7/8" above liner.
DC: \$5,298 TC: \$101,627
- 6/22/93 RIH, mill. POOH w/2-7/8" tbg. LD 4 junk baskets & mill. Mill was worn to 4-1/8" OD with 1-9/16" ID impression. Junk baskets had small metal chunks, 1 piece of wire, 1 small piece of soft rubber, several pieces of shale, along w/one large metal piece looking like a slip. RIH w/4-5/8" OD mill, 3 junk baskets, 370 jts 2-7/8". Stay above liner.
DC: \$2,676 TC: \$104,303

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

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6/23/93 POOH w/tbg. Bleed well off. RIH to TOF. RU swivel. Tag fish @ 12,868'. PU, tag fish @ 12,872'. Mill for 0.5-hr, fell 8' to 12,881'. Mill to 12,892', fell thru. RIH to 13,794', tag - acts like fill. Try to mill - got tbg hung up. Get free. Decide not to go further. LD swivel. LD 110 jts 2-7/8" string. POOH with 60 jts 2-7/8".
DC: \$5,230 TC: \$109,533

6/24/93 WO orders. Bleed well off. POOH w/2-7/8" tbg, 298 jts 2-7/8" total. LD 32 jts 2-7/8" bent & worn, jars, 3 junk baskets, mill. Mill looked good - full OD. Junk baskets were full of small metal chunks, some scale. Load out 4-Star equip. Steam clean floor, BOP's & cellar. Load out swivel.
DC: \$4,012 TC: \$113,545

6/25/93 POOH w/fish, perf gun. Bleed well off. RU Cutters to perf well. RIH w/1st run. Correlate, tag PBD @ 13,781' WLM.

<u>Run #</u>	<u>Perfs</u>	<u>Feet</u>	<u>Holes</u>	<u>FL</u>	<u>PSI</u>
1	13,754-13,471'	19	57	7600'	0
2	13,383-13,136'	20	60	7600'	0

On Run #3, RIH w/4' perf gun to 12,960'. PU to correlate. Hang up @ 12,903'. Try to work loose. Pull out of rope socket. POOH. RD Cutters. RIH with 3-1/4" grapple with overshot, bumper sub, jars, 4' 2-7/8" sub, 298 jts 2-7/8". Tally & PU 115 jts 2-7/8". Tag 4" perf gun, work over. Pull perf gun loose. POOH w/80 jts 2-7/8".
DC: \$4,932 TC: \$118,477

6/26/93 WO orders. Bleed off well. Cont to POOH with 332 jts 2-7/8" tbg. POOH w/jars, bumper sub, overshot. Did not have perf gun. Breakout overshot - grapple looks OK. RIH w/3-1/4" OD grapple, overshot, bumper sub, jars, 4' sub, 412 jts 2-7/8" tbg. PU 28 jts 2-7/8". Work over fish. Try to latch, rotate over fish. Act like overshot is going over but will not latch on fish. TOF @ 13,751'. POOH with 2-7/8" tbg, jars, bumper sub, OS. Did not have fish.
DC: \$4,282 TC: \$122,759

6/27/93 WO orders. Bleed off well.
DC: \$1,460 TC: \$124,219

6/28/93 Clean around WH, perf. WO orders. Decide to RIH & fish perf gun. Made up & RIH 1-7/16" grapple, 4-1/8" OD OS, bumper sub, jars, 4' sub, 440 jts 2-7/8". Work onto fish. PU, acts like perf gun is on. POOH w/440 jts 2-7/8". Last 110 jts full of oil, gas. LD jars, bumper sub, OS & 4" perf gun. Not known whether 3-1/4" grapple went over collar locator.
DC: \$4,441 TC: \$128,660

6/29/93 RIH w/3-1/2". Steam off derrick, floor, cellar. RU Cutter to perf.

<u>Run #</u>	<u>Perfs</u>	<u>Feet</u>	<u>Holes</u>	<u>FL</u>
3	13,126-12,926'	17	51	8100'

POOH. RD Cutters. RIH with 102 jts 2-7/8" work string. LD 102 jts 2-7/8" work string. Change equip & BOP's to 3-1/2". RD floor. ND tbg head. PU Mtn States 7-5/8" HD pkr, SN, XO, 1 jt 3-1/2". RIH. Strip on tbg head, BOP's, RU floor. Tally & PU 89 jts 3-1/2" total.
DC: \$15,436 TC: \$144,096

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

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- 6/30/93 Prep to acidize. Bleed well off. Unload 3-1/2" on racks. Tally & PU 356 jts 3-1/2". Set 7-5/8" pkr @ 10,810' w/35,000# compression. Pump 250 bbls prod wtr. Pressure up. Pressure csg to 2000 psi, hold 15 min, good. Bleed off csg.
DC: \$4,836 TC: \$148,932
- 7/1/93 Swab. Bleed off well. Get swab equip ready. RU Dowell to acidize perfs 10,967'-13,754' w/27,000 gal 15% HCl w/additives, BAF, rock salt, 1503 - 1.1 BS's. Max press 9100#, max rate 27 BPM. Avg press 8500#, avg rate 21.5 BPM. ISIP 2400#, 5 min 110#, 10 min 0#, 15 min 0#. Pmpd 1303 bbls total. Diversion good. RD Dowell. RU to swab. Made 2 swab runs. FL @ 7600' on first run. Rec 14 BF - no oil. On 3rd swab run, swab cups became stuck while POOH. Get cups free. POOH.
DC: \$44,827 TC: \$193,759
- 7/2/93 LD 3-1/2" tbg. SITP 650 psi. Bleed off to 0. Started to flow. Flwd 1-hr on open choke, 10 BF, 72% oil. Well died. RU to swab. Made 14 swab runs. IFL 4600', pH 4. FFL 6000', pH 4, 22% oil. Total fluid swabbed & flwd - 59 BW, 20 BO. RD swab equip. Pump 70 bbls prod wtr down tbg. Rls 7-5/8" pkr. RU pipe racks, LD 15 jts 3-1/2" tbg.
DC: \$8,123 TC: \$201,882
- 7/6/93 RIH w/prod tbg. Bled off well - 700 psi est. Took 2.5 hrs to bleed. LD 355 jts 3-1/2" tbg. ND BOP's, strip off 7-5/8" pkr. NU BOP's.
DC: \$5,310 TC: \$207,192
- 7/7/93 PU rods. RIH with Mtn States 7-5/8" anchor catcher, 4' 2-7/8" sub, 1-jt perf 2-7/8", 2-7/8" plug, 1-jt 2-7/8", 4-1/2" PBGA N-80, 6' sub 2-7/8", 2-7/8" SN, 332 jts 2-7/8". Strip BOP's. Set anchor @ 10,529' w/22,000# tension. SN @ 10,423'. Flush tbg w/60 bbls prod wtr @ 225°. Install pump tee, FL. PU Highland 2-1/2" x 1-1/2" x 26' 240" stroke RHBC. PU 24 - 1" w/guide, 145 - 3/4", 10 - 7/8".
DC: \$9,620 TC: \$216,812
- 7/8/93 Well on pump. Cont to clean & PU rods. PU total 125 - 7/8", 120 - 1". Space out, add 4', 2' x 1" sub. PU polish rod, seat pump. Fill tbg w/42 bbls prod wtr. PT to 500 psi. Stroke pump w/rig, strokes good. Space out. PU HH. Stroke unit, adj HH. Strokes good. Steam off WH, pmpg unit. Load out equip. Clean location.
DC: \$3,157 TC: \$219,969
- 7/8/93 Pmpd 29 BO, 209 BW, 164 MCF, 10 SPM, 18 hrs.
- 7/9/93 Pmpd 62 BO, 291 BW, 530 MCF, 10 SPM. Check well - pmpg fine. RD rig, clean location.
DC: \$927 TC: \$220,896
- 7/10/93 Pmpd 68 BO, 306 BW, 517 MCF, 10 SPM.
- 7/11/93 Pmpd 62 BO, 318 BW, 532 MCF, 10 SPM.
- 7/12/93 Pmpd 73 BO, 338 BW, 399 MCF, 10 SPM.
- 7/13/93 Pmpd 57 BO, 334 BW, 374 MCF, 10 SPM.
- 7/14/93 Pmpd 32 BO, 207 BW, 313 MCF, 10 SPM, 12 hrs. Down 12 hrs - pump off controller - will evaluate.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

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7/15/93 Pmpd 60 B0, 294 BW, 310 MCF, 10 SPM, 22 hrs. Down 2 hrs - pump off
 controller had bad strain gauge.

7/16/93 Pmpd 61 B0, 322 BW, 309 MCF, 10 SPM.

7/17/93 Pmpd 25 B0, 347 BW, 309 MCF, 10 SPM.

7/18/93 Pmpd 48 B0, 293 BW, 308 MCF, 10 SPM.

 Prior prod: 20 B0, 113 BW, 87 MCF. Final report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Rust #1-4B3

9. API Well Number:

43-013-30063

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

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

4. Location of Well

Footages: 2030' FNL & 660' FEL

County: Duchesne

QQ, Sec., T., R., M.: SE/NE Section 4, T2S-R3W

State: Utah

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

NOTICE OF INTENT

(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

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

✓ Date of work completion 7/8/93

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

* Must be accompanied by a cement verification report.

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

Please see the attached chronological history for the recompletion of the Lower Wasatch (perf and acid stimulation) performed on the above referenced well.



JAN 12 1994

DIVISION OF
OIL, GAS & MINING

13.

Name & Signature:

Eileen Danni Dey

Title:

Regulatory Analyst

Date:

7/29/93

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 RI
TD: 13,983'
5-1/2" LINER @ 11,912'-13,980'
PERFS: 10,967'-13,754' (WASATCH)
CWC(M\$): 201.0

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- 5/19/93 POOH w/tbg. RU rig. Flush rods w/50 bbls prod wtr. PT to 500 psi. LD polish rod, 1 - 4', 1 - 6'. LD 118 - 1", 125 - 7/8", 145 - 3/4" and 24 - 1". LD 1-1/4" pump. Remove pump tee. PU on tbg, ris anchor. Install BOP's.
DC: \$3,881 TC: \$3,881
- 5/20/93 RIH with 4-5/8" mill and CO tools. POOH w/331 jts 2-7/8", SN, 4' sub, 4-1/2" PBGA, 1-jt 2-7/8", plug, 1-jt 2-7/8" perf, 4' 2-7/8" sub, 7-5/8" anchor. RIH with 4-5/8" flat btm mill, 10' sub, check, 1-jt 2-7/8", check, 31 jts 2-7/8", safety jt, bailer, 4' 2-7/8" sub, 300 jts 2-7/8". PU 40 jts 2-7/8".
DC: \$2,808 TC: \$6,689
- 5/21/93 POOH w/tbg. Finish RIH w/tbg. Tag liner (add 21' to tally to adj. to logs). PU 2-7/8" tbg, tag @ 12,819'. Stroke to 12,829'. Can't make hole. RU swivel. Mill for 6 hrs. Made 14' @ 12,841'. Mill & stroke 2 more hours. Can't make hole - mill plugged up or worn out. RD swivel. POH to top of liner.
DC: \$4,465 TC: \$11,154
- 5/24/93 RIH, mill & stroke. Bleed off well. POOH w/2-7/8" tbg. LD bailer. POOH w/31 jts 2-7/8" wet (last jt plugged w/frac balls, scale, etc.), check, 1-jt 2-7/8" (some fill), check, 10' sub 2-7/8" plugged w/2 pieces of sinker bar (6'40", 4'60" x 1 1/2"), mill. Mill worn out - had 2 pieces of sinker bar 6" long inside. RIH w/4-5/8" flat btm mill, 1-jt 2-7/8", check, 1-jt 2-7/8", check, 30 jts 2-7/8", safety jt, bailer, 330 jts 2-7/8". SDFN, leave csg open to treater, stay above liner.
DC: \$3,408 TC: \$14,562
- 5/25/93 POOH w/bailer. Bleed off well. Continue to RIH, tag @ 12,840'. RU swivel. Mill & stroke for 6.5 hrs. Made ±1' @ 12,841'. Mill is either worn out or port plugged up. LD swivel. POOH with 240 joints 2-7/8".
DC: \$4,315 TC: \$18,877
- 5/26/93 RIH w/OS. Cont to POOH w/2-7/8". LD bailer. POOH w/30 jts 2-7/8", check (had 1-1/2' of fine metal cuttings), 1-jt 2-7/8", check, 1-jt 2-7/8", 4-5/8" mill. Mill had been cored - something had been inside 11". Decide to run impression block on tbg. RIH w/4-1/2" impression block, XO, 3' 2-7/8" perf sub, 410 jts 2-7/8". Stack impression block on fish. POOH w/2-7/8" tbg, impression block. Impression block had 1-3/8" hole pushed clear through block. Fish is sticking up at least 5".
DC: \$3,582 TC: \$22,459
- 5/27/93 RIH w/1-1/4" grapple, OS. Bleed off well. PU 1-3/8" grapple, OS, XO, bumper sub, jars, XO, 4' 2-7/8" perf sub, 408 jts 2-7/8". Latch onto fish, pull 6000# over wt, slip off or latched onto fish. POOH w/2-7/8" tbg, OS & grapple. Fish had slipped off.
DC: \$2,938 TC: \$25,397

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESENE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 RI

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- 5/28/93 RIH w/mill & CO tools. RIH w/1-1/4" grapple, OS, bumper sub, jars, 4' 2-7/8" perf sub, 408 jts 2-7/8". Latch onto fish. Pull 10,000# over, pulled off. Can't get grapple to catch. POOH w/2-7/8" tbg, jars, bumper sub, overshot. Nothing recovered. RIH w/4-5/8" flat btm mill, 10' 2-7/8" sub, check, 1-jt 2-7/8", check, 30 jts 2-7/8", safety jt, bailer, 280 jts 2-7/8".
DC: \$4,991 TC: \$30,388
- 6/1/93 POOH w/tbg, mill. RIH w/mill. Tag @ 12,841'. Mill & stroke for 7 hrs. Made 1', top of fish @ 12,842'. POOH w/190 jts 2-7/8".
DC: \$4,485 TC: \$34,873
- 6/2/93 POOH w/tbg. POOH w/30 jts 2-7/8" wet, check, (1-1/2" of metal cuttings, frac ball), 1 jt 2-7/8", check, 10' sub, 4-5/8" mill. Part of mill broken off - cutrite segment. Wear also up inside of mill opening. Decide to run shoe & washpipe. PU 4-5/8" OD shoe, 1-jt 4-1/2" washpipe, sub X0, check, 10' sub, check, 31 jts 2-7/8", safety jt, bailer, 2-7/8" tbg. Tag fish @ 12,842'. Mill & stroke for 3-hrs, no progress.
DC: \$4,801 TC: \$39,674
- 6/3/93 RIH w/mill. Bleed well off. POOH w/tbg. LD bailer, 31 jts 2-7/8", check (1' of cuttings rec), 10' sub, check. LD washpipe & 4-5/8" shoe. Shoe worn out w/exterior cut marks on body of shoe (possible wireline cut). RIH with 4-5/8" bladed mill, 2 junk baskets, 1-joint 2-7/8", jars, 360 jts 2-7/8". Stay above liner.
DC: \$3,219 TC: \$42,893
- 6/4/93 POOH w/tbg. RIH, tag fish @ 12,841'. RU swivel. Pump 80 bbls prod wtr @ 5 BPM down tbg. Start milling while pmpg 1-1.5 BPM. Torquing up, acts like wire. Mill for 7.5 hrs, made 5'. TOF @ 12,846'. POOH w/80 jts 2-7/8".
DC: \$5,165 TC: \$48,058
- 6/7/93 RIH w/mill. Continue to POOH w/2-7/8" tbg. LD jars, 2 junk baskets & 4-5/8" mill. Mill was worn out. Empty out junk baskets. Baskets full of metal shavings, chunks of metal, several pieces of wire & brass. RIH w/4-5/8", bladed mill, 3 junk baskets, jars and 375 jts 2-7/8" to above 5" liner.
DC: \$3,510 TC: \$51,568
- 6/8/93 POOH w/mill. Continue to RIH, tag TOF @ 12,845' (1' high). Pump 60 bbls prod wtr down tbg @ 5 BPM. Start milling while pmpg 1-1.5 BPM. Mill for 7-hrs, made 3' to 12,848'. No progress last 2-hrs, no torque w/8-10,000# on mill. POOH w/300 jts 2-7/8".
DC: \$5,673 TC: \$57,241
- 6/9/93 POOH w/mill. Continue to POOH w/2-7/8" tbg. Mill was worn out with 2-1/4" ID impression. Baskets full of brass, big heavy metal chunks, wire & perf gun charge covers. RIH w/4-5/8" 3-bladed mill, 4 junk baskets & jars. RIH w/2-7/8" tbg. Tag @ 12,847'. Begin milling & pmpg down tbg @ 1-1.5 BPM. Mill for 5-1/2 hrs. Milled 1' to 12,848'. Milling, fish moved up hole 1-1/2'. Mill back 1-1/2' to 12,848' with 0-12,000# wt in 2-hrs. Mill worn out. CICR appears loose, but cannot push down hole. POOH w/2-7/8" above liner @ 11,900'.
DC: \$5,199 TC: \$62,440

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

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- 6/10/93 RIH w/mill. Continue to POOH w/2-7/8" tbg. LD jars, 4-junk baskets & mill. Mill was worn out w/2-1/4" ID impression. Junk baskets had a small amt of wire & small metal chunks. RIH w/4-5/8" OD, 3-bladed mill, 4-junk baskets, jars and 360 jts 2-7/8".
DC: \$2,864 TC: \$65,304
- 6/11/93 RIH w/mill. Continue to RIH to fish @ 12,847'. Began to mill & pump 1 BPM while milling. Made 4' in 8.5 hrs, TOF @ 12,851'. Pull out of liner.
DC: \$5,191 TC: \$70,495
- 6/12/93 RIH w/mill. RIH, tag fish @ 12,851'. Mill & pump prod wtr down tbg for 4.5 hrs. Made 2', TOF @ 12,853'. POOH w/2-7/8", jars, 4 junk baskets & mill. Mill was worn out, 4" OD groove w/3-1/8" ID impression. Junk baskets full of metal shavings, metal chunks & wire, brass, trace of hydril threads.
DC: \$4,814 TC: \$75,309
- 6/14/93 RIH w/4-5/8" OD 3-bladed mill, 4 junk baskets, jars, 30 jts 2-7/8". Rig broke down. SD & repair - 7 hrs. RIH w/300 total jts 2-7/8" to ±11,900'.
DC: \$2,406 TC: \$77,715
- 6/15/93 POOH w/tbg & mill. Cont to RIH, tag fish @ 12,851' - 2' high. Mill & pump ±1 BPM. Mill to original PBTD @ 12,853' in 1-hr. Mill to 12,863'/8½ hrs. Mill worn out. POOH, out of liner.
DC: \$5,968 TC: \$83,683
- 6/16/93 RIH w/mill. POOH w/2-7/8" tbg, jars, 4 junk baskets, mill. Mill was worn 4-1/4" OD on the body, 3-1/8" ID impression. Junk baskets full of wire, metal chunks, metal filings. RIH w/4-5/8" OD 3-bladed mill, 4 junk baskets, 360 jts 2-7/8".
DC: \$2,862 TC: \$86,545
- 6/17/93 RIH, mill. RIH, tag @ 12,859', 4' high. Mill to 12,863' in 15 min. Pump 1 BPM while milling. Milling rough - cleaned up, acts like milling on cmt retainer. Drill to 12,866.5' in 10 hrs. POOH above liner.
DC: \$5,702 TC: \$92,247
- 6/18/93 RIH w/mill, tbg. RIH, tag @ 12,866.5'. Mill for 3 hrs, made 1' to 12,867.5'. Mill worn out. POOH w/2-7/8" tbg. LD jars, 4 junk baskets, mill. Mill worn completely out 4-1/16" OD on mill. Junk baskets had a lot of fine metal shavings, chunks of metal, hard rubber.
DC: \$4,082 TC: \$96,329
- 6/21/93 POOH w/tbg. RIH w/4-5/8" OD 3-bladed mill, 4 junk baskets. Tag @ 12,867.5'. Pump 1 BPM down tbg while milling. Mill to 12,872'. Made 4.5' in 6.5 hrs. Made no hole last hour. POOH w/2-7/8" above liner.
DC: \$5,298 TC: \$101,627
- 6/22/93 RIH, mill. POOH w/2-7/8" tbg. LD 4 junk baskets & mill. Mill was worn to 4-1/8" OD with 1-9/16" ID impression. Junk baskets had small metal chunks, 1 piece of wire, 1 small piece of soft rubber, several pieces of shale, along w/one large metal piece looking like a slip. RIH w/4-5/8" OD mill, 3 junk baskets, 370 jts 2-7/8". Stay above liner.
DC: \$2,676 TC: \$104,303

THE COASTAL CORPORATION
 PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
 ALTAMONT/BLUEBELL FIELD
 DUCHESNE COUNTY, UTAH
 WI: 89.96076% ANR AFE: 64544 R1

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6/23/93 POOH w/tbg. Bleed well off. RIH to TOF. RU swivel. Tag fish @ 12,868'. PU, tag fish @ 12,872'. Mill for 0.5-hr, fell 8' to 12,881'. Mill to 12,892', fell thru. RIH to 13,794', tag - acts like fill. Try to mill - got tbg hung up. Get free. Decide not to go further. LD swivel. LD 110 jts 2-7/8" string. POOH with 60 jts 2-7/8".
 DC: \$5,230 TC: \$109,533

6/24/93 WO orders. Bleed well off. POOH w/2-7/8" tbg, 298 jts 2-7/8" total. LD 32 jts 2-7/8" bent & worn, jars, 3 junk baskets, mill. Mill looked good - full OD. Junk baskets were full of small metal chunks, some scale. Load out 4-Star equip. Steam clean floor, BOP's & cellar. Load out swivel.
 DC: \$4,012 TC: \$113,545

6/25/93 POOH w/fish, perf gun. Bleed well off. RU Cutters to perf well. RIH w/1st run. Correlate, tag PBTB @ 13,781' WLM.

<u>Run #</u>	<u>Perfs</u>	<u>Feet</u>	<u>Holes</u>	<u>FL</u>	<u>PSI</u>
1	13,754-13,471'	19	57	7600'	0
2	13,383-13,136'	20	60	7600'	0

On Run #3, RIH w/4' perf gun to 12,960'. PU to correlate. Hang up @ 12,903'. Try to work loose. Pull out of rope socket. POOH. RD Cutters. RIH with 3-1/4" grapple with overshot, bumper sub, jars, 4' 2-7/8" sub, 298 jts 2-7/8". Tally & PU 115 jts 2-7/8". Tag 4" perf gun, work over. Pull perf gun loose. POOH w/80 jts 2-7/8".
 DC: \$4,932 TC: \$118,477

6/26/93 WO orders. Bleed off well. Cont to POOH with 332 jts 2-7/8" tbg. POOH w/jars, bumper sub, overshot. Did not have perf gun. Breakout overshot - grapple looks OK. RIH w/3-1/4" OD grapple, overshot, bumper sub, jars, 4' sub, 412 jts 2-7/8" tbg. PU 28 jts 2-7/8". Work over fish. Try to latch, rotate over fish. Act like overshot is going over but will not latch on fish. TOF @ 13,751'. POOH with 2-7/8" tbg, jars, bumper sub, OS. Did not have fish.
 DC: \$4,282 TC: \$122,759

6/27/93 WO orders. Bleed off well.
 DC: \$1,460 TC: \$124,219

6/28/93 Clean around WH, perf. WO orders. Decide to RIH & fish perf gun. Made up & RIH 1-7/16" grapple, 4-1/8" OD OS, bumper sub, jars, 4' sub, 440 jts 2-7/8". Work onto fish. PU, acts like perf gun is on. POOH w/440 jts 2-7/8". Last 110 jts full of oil, gas. LD jars, bumper sub, OS & 4" perf gun. Not known whether 3-1/4" grapple went over collar locator.
 DC: \$4,441 TC: \$128,660

6/29/93 RIH w/3-1/2". Steam off derrick, floor, cellar. RU Cutter to perf.

<u>Run #</u>	<u>Perfs</u>	<u>Feet</u>	<u>Holes</u>	<u>FL</u>
3	13,126-12,926'	17	51	8100'

POOH. RD Cutters. RIH with 102 jts 2-7/8" work string. LD 102 jts 2-7/8" work string. Change equip & BOP's to 3-1/2". RD floor. ND tbg head. PU Mtn States 7-5/8" HD pkr, SN, XO, 1 jt 3-1/2". RIH. Strip on tbg head, BOP's, RU floor. Tally & PU 89 jts 3-1/2" total.
 DC: \$15,436 TC: \$144,096

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 R1

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- 6/30/93 Prep to acidize. Bleed well off. Unload 3-1/2" on racks. Tally & PU 356 jts 3-1/2". Set 7-5/8" pkr @ 10,810' w/35,000# compression. Pump 250 bbls prod wtr. Pressure up. Pressure csg to 2000 psi, hold 15 min, good. Bleed off csg.
DC: \$4,836 TC: \$148,932
- 7/1/93 Swab. Bleed off well. Get swab equip ready. RU Dowell to acidize perfs 10,967'-13,754' w/27,000 gal 15% HCl w/additives, BAF, rock salt, 1503 - 1.1 BS's. Max press 9100#, max rate 27 BPM. Avg press 8500#, avg rate 21.5 BPM. ISIP 2400#, 5 min 110#, 10 min 0#, 15 min 0#. Pmpd 1303 bbls total. Diversion good. RD Dowell. RU to swab. Made 2 swab runs. FL @ 7600' on first run. Rec 14 BF - no oil. On 3rd swab run, swab cups became stuck while POOH. Get cups free. POOH.
DC: \$44,827 TC: \$193,759
- 7/2/93 LD 3-1/2" tbg. SITP 650 psi. Bleed off to 0. Started to flow. Flwd 1-hr on open choke, 10 BF, 72% oil. Well died. RU to swab. Made 14 swab runs. IFL 4600', pH 4. FFL 6000', pH 4, 22% oil. Total fluid swabbed & flwd - 59 BW, 20 BO. RD swab equip. Pump 70 bbls prod wtr down tbg. Rls 7-5/8" pkr. RU pipe racks, LD 15 jts 3-1/2" tbg.
DC: \$8,123 TC: \$201,882
- 7/6/93 RIH w/prod tbg. Bled off well - 700 psi est. Took 2.5 hrs to bleed. LD 355 jts 3-1/2" tbg. ND BOP's, strip off 7-5/8" pkr. NU BOP's.
DC: \$5,310 TC: \$207,192
- 7/7/93 PU rods. RIH with Mtn States 7-5/8" anchor catcher, 4' 2-7/8" sub, 1-jt perf 2-7/8", 2-7/8" plug, 1-jt 2-7/8", 4-1/2" PBGA N-80, 6' sub 2-7/8", 2-7/8" SN, 332 jts 2-7/8". Strip BOP's. Set anchor @ 10,529' w/22,000# tension. SN @ 10,423'. Flush tbg w/60 bbls prod wtr @ 225°. Install pump tee, FL. PU Highland 2-1/2" x 1-1/2" x 26' 240" stroke RHBC. PU 24 - 1" w/guide, 145 - 3/4", 10 - 7/8".
DC: \$9,620 TC: \$216,812
- 7/8/93 Well on pump. Cont to clean & PU rods. PU total 125 - 7/8", 120 - 1". Space out, add 4', 2' x 1" sub. PU polish rod, seat pump. Fill tbg w/42 bbls prod wtr. PT to 500 psi. Stroke pump w/rig, strokes good. Space out. PU HH. Stroke unit, adj HH. Strokes good. Steam off WH, pmpg unit. Load out equip. Clean location.
DC: \$3,157 TC: \$219,969
- 7/8/93 Pmpd 29 BO, 209 BW, 164 MCF, 10 SPM, 18 hrs.
- 7/9/93 Pmpd 62 BO, 291 BW, 530 MCF, 10 SPM. Check well - pmpg fine. RD rig, clean location.
DC: \$927 TC: \$220,896
- 7/10/93 Pmpd 68 BO, 306 BW, 517 MCF, 10 SPM.
- 7/11/93 Pmpd 62 BO, 318 BW, 532 MCF, 10 SPM.
- 7/12/93 Pmpd 73 BO, 338 BW, 399 MCF, 10 SPM.
- 7/13/93 Pmpd 57 BO, 334 BW, 374 MCF, 10 SPM.
- 7/14/93 Pmpd 32 BO, 207 BW, 313 MCF, 10 SPM, 12 hrs. Down 12 hrs - pump off controller - will evaluate.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LOWER WASATCH)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.96076% ANR AFE: 64544 RI

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7/15/93 Pmpd 60 BO, 294 BW, 310 MCF, 10 SPM, 22 hrs. Down 2 hrs - pump off
controller had bad strain gauge.

7/16/93 Pmpd 61 BO, 322 BW, 309 MCF, 10 SPM.

7/17/93 Pmpd 25 BO, 347 BW, 309 MCF, 10 SPM.

7/18/93 Pmpd 48 BO, 293 BW, 308 MCF, 10 SPM.

Prior prod: 20 BO, 113 BW, 87 MCF. Final report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Rust #1-4B3

9. API Well Number:

43-013-30063

10. Field and Pool, or Wildcat:

Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well:

OIL GAS OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

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

4. Location of Well

Footages: 2030' FNL & 660' FEL
QQ, Sec., T., R., M.: SENE Section 4-T2S-R3W

County: Duchesne

State: Utah

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

NOTICE OF INTENT

(Submit in Duplicate)

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

Approximate date work will start Upon Approval

SUBSEQUENT REPORT

(Submit Original Form Only)

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

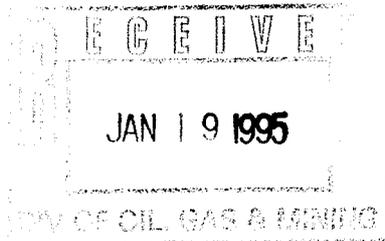
Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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



13.

Name & Signature:

N.O. Shiflett

N.O. Shiflett

Title: District Drilling Manager

Date: 01/18/95

(This space for State use only)

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

DATE: 1/20/95
BY: *[Signature]*

WORKOVER PROCEDURE

RUST #1-4B3 SECTION 4 - T2S - R3W ALTAMONT FIELD DUCHESNE COUNTY, UTAH

December 14, 1994

WELL DATA

LOCATION: 2030' FNL & 660' FEL
ELEVATION: 6096' GL; 6121' KB
TOTAL DEPTH: 13,983'
PBSD: 13,794'
CASING: 13 3/8", 68#, K55, set @ 313' cmt w/450 sx
9 5/8", 47#, CF-95 set @ 6231' cmt w/725 sx
7 5/8", 33.7#, S-95 set @ 12,036' cmt w/700 sx
5 1/2", 20#, S-95 Liner from 11,912' - 13,980' cmt w/210 sx
TUBING: 2 7/8" 6.5# N-80

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity BBL/FT</u>	<u>Burst Psi</u>	<u>Collapse Psi</u>
9 5/8", 47#, CF-95	8.681"	8.525"	0.0732	8150	5090
7 5/8", 33.7#, S-95	6.765"	6.640"	0.0444	9380	8800
5 1/2", 20#, S-95	4.778"	4.653"	0.0221	10,910	10,630
2 7/8", 6.5#, N-80	2.441"	2.347"	0.00579	10,570	11,160
2 7/8", 8.7#, P110	2.26"	2.165"	0.00496	20,560	21,040

CURRENT PRODUCTION

20 BOPD, 107 MCFPD, 149 BWPD

PROCEDURE

- 1) MIRU service rig. NDWH & NU BOPE. POOH w/production equipment.
- 2) PU & RIH w/casing scraper and CO tools on 2 7/8" tbg. CO 7 5/8" csg to 11,912'. POOH.
- 3) PU & RIH w/4 5/8" mill and CO tools. CO 5 1/2" csg to 13,794'. POOH stand back 2 7/8", 6.5# tbg.
- 4) TIH w/5 1/2" pkr on 2 7/8", 8.7#, P-110. Set pkr at +/- 12,150' (between perfs @ 12,102' & 12,203'). Attempt to fill annulus.
- 5) Acidize perfs 12,203' - 13,383' w/ 13,000 gals 15% HCl per attached schedule.
- 6) Flow/swab back acid load. Unseat pkr and POOH. LD pkr and work string.
- 7) PU & RIH w/artificial lift equipment, setting TAC @ 11,029' & SN @ 10,923'. Return on line.

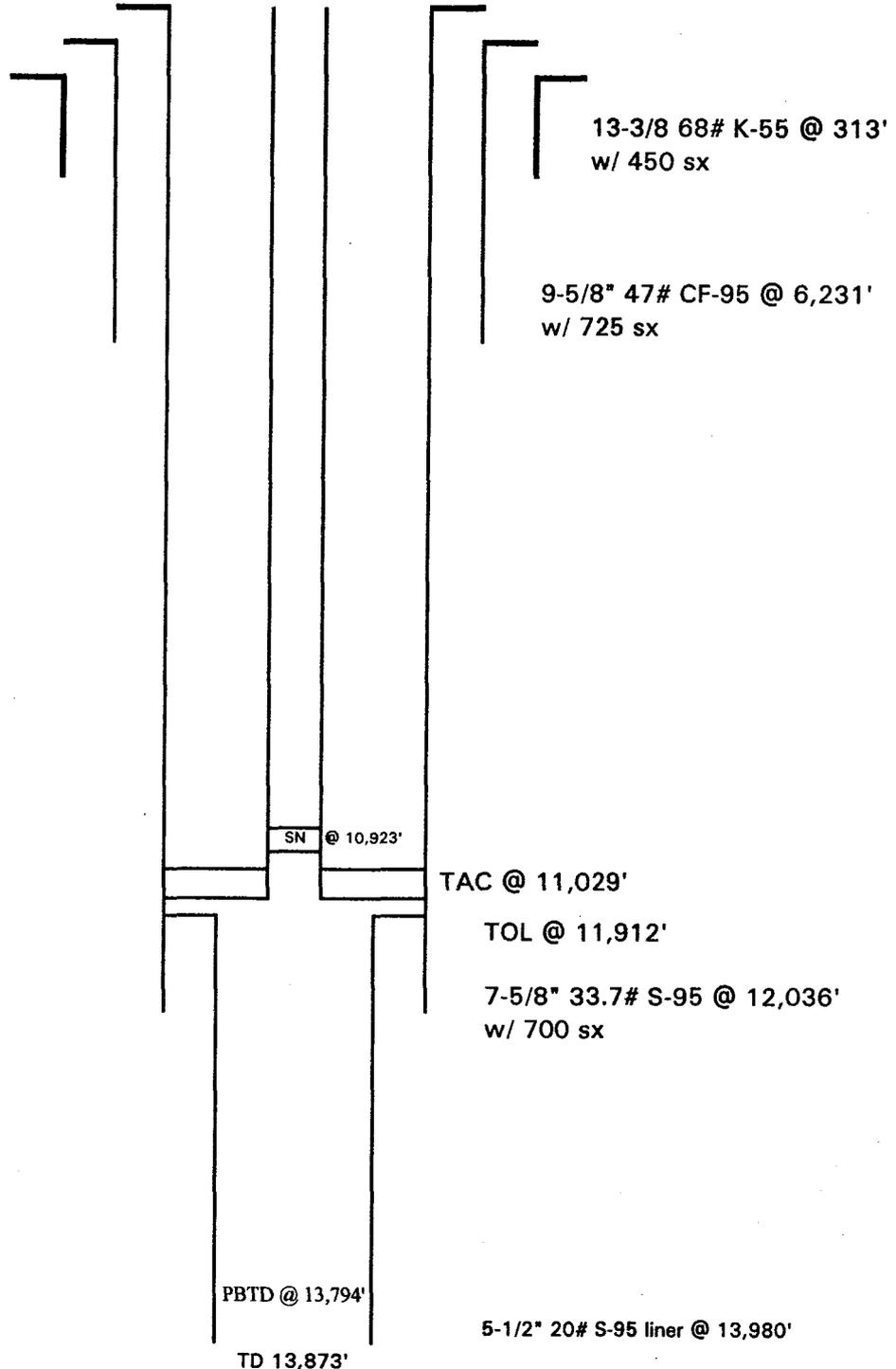
NOTE: If it is necessary to kill well, do so with filtered 3% KCl water.

DAP:AJA *DAP*

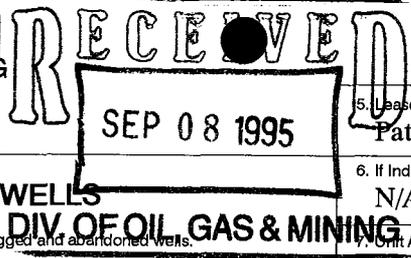
Rust 1-4B3
Altamont Field
Duchesne Co., UT

Proposed Wellbore Schematic

KB: 6,121'
GL: 6,096'



12/20/94 DAP



5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____	8. Well Name and Number: Rust #1-4B3
2. Name of Operator: ANR Production Company	9. API Well Number: 43-013-30063
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455	10. Field and Pool, or Wildcat: Altamont
4. Location of Well Footages: 2030' FNL & 660' FEL QQ, Sec., T., R., M.: SENE Section 4-T2S-R3W	County: Duchesne State: Utah

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

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

Date of work completion 4/18/95

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

* Must be accompanied by a cement verification report.

Approximate date work will start _____

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

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

13. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 09/06/95

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ANR PRODUCTION COMPANY
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

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RUST #1-4B3 (CLEANOUT, ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 89.975060% ANR AFE: 00541
TD: 13,983' PBDT: 13,781'
5½" LINER @ 11,912'-13,980'
PERFS: 10,967'-13,793'
CWC(M\$): 97.9

- 3/22/95 Prep to pull rods.
MIRU workover rig. CC: \$911
- 3/23/95 TIH w/7%" scraper.
Unseat pump. POOH w/rods & pump. Release TAC. NU BOP's. POOH
w/tbg & BHA. CC: \$5,101
- 3/24/95 TIH w/5½" CO tools.
PU & RIH w/7%" csg scraper & 2%" 8rd tbg to LT @ 11,912'. POOH
w/2%" tbg. LD 7%" csg scraper. CC: \$8,946
- 3/25/95 TOOH w/CO tools.
PU & RIH w/4%" mill, check valve, 10' 2%" pup, check valve, 32 jts
2%" N-80 tbg, 2%" safety jt, bailer, 4' 2%" pup w/385 jts 2%" N-80
8rd. Tag scale on csg @ 13,283'. CO to 13,315'/2½ hrs. Fell thru
scale. RIH w/23 jts N-80 8rd tbg to PBDT @ 13,781'. TOOH & LD 2%".
CC: \$14,976
- 3/26/95 TIH w/5½" HD pkr.
TOOH w/2½", CO tools & 4%" mill. PU & RIH w/Mtn States 5½" HD pkr,
10 jts P-105 tbg, No-Go & 311 jts 2%" P-105 8rd tbg to 10,053'. Had
10' of scale in CO tools. CC: \$19,791
- 3/27/95 Prep to run 3½" tbg.
TIH w/42 jts 2%" P-105 tbg. TOOH & LD 353 jts 2%" P-105 tbg. Left
10 jts in hole. Prep to PU & RIH w/3½" P-110 tbg. CC: \$25,076
- 3/28/95 Prep to acidize.
Finish RIH w/3½" x 2%" workstring. Set pkr @ 12,146'. Prep to
acidize. CC: \$31,252
- 3/29/95 Swabbing.
Set pkr @ 12,152'. RU Dowell. Acidize perfs from 12,203'-13,383'
w/13,000 gals 15% HCl, additives, BAF, rock salt w/3-RA tags & 650 -
1.1 BS's. MTP 8550#, ATP 7800#, MTR 37.5 BPM, ATR 26 BPM. ISIP
1600#, 5 min 0#. Fair diversion, 740 BLTR. RD Dowell. Swab well.
Made 14 runs, IFL 9750', FFL 9800', pH 5. Rec 67 BF, 673 BLTR. CC:
\$73,693
- 3/30/95 Prep to POOH w/3½" workstring.
Made 18 swab trips/9 hrs. IFL @ 9500', FFL @ 9900'. Rec 8 BO, 83
BW. Feed-in 10 BPH, pH 5, 614 BLTR. Last trip 1% oil cut. Prep to
POOH w/workstring. CC: \$80,097
- 3/31/95 TOOH w/2½" P-105 & 5½" HD pkr.
RD swab. Bled backside (csg) down in 45 min. Pmpd 50 BW down
backside to keep gas down. TOOH & LD 365 jts 3½" P-110 tbg. CC:
\$84,823
- 4/1/95 Well on production.
LD 1-jt 2%" P-105, No-Go, 10 jts P-105, 5½" HD pkr. Makeup BHA (7%"
AC, 6' tbg sub, perf'd jt, solid plug, 1-jt 2%" 8rd, 4½" PBGA, 4'
2%" sub & SN). TIH w/348 jts 2%". Set TAC @ 11,012' w/SN @
10,905'. ND BOP, NU WH. RIH w/1½" Highland pump & 9 - 1", 172 -
¾", 129 - ⅞" & 123 - 1" rods. RD rig. Place well on pump. CC:
\$98,291

ANR PRODUCTION COMPANY
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

RUST #1-4B3 (CLEANOUT, ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 89.975060% ANR AFE: 00541

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4/1/95 Pmpd 13 BO, 161 BW, 69 MCF, 10 hrs.
4/2/95 Pmpd 20 BO, 233 BW, 72 MCF, 8.2 SPM.
4/3/95 Pmpd 15 BO, 239 BW, 102 MCF, 8.2 SPM.
Ran dyno - FL @ 7550' (SN @ 10,883'). Will increase SPM today.
4/4/95 Pmpd 5 BO, 172 BW, 144 MCF, 8.2 SPM.
4/5/95 Pmpd 8 BO, 187 BW, 144 MCF, 8.2 SPM. FL @ 6600' (SN @ 10,883').
Will increase SPM.
4/6/95 Pmpd 62 BO, 238 BW, 163 MCF, 8.9 SPM.
4/7/95 Pmpd 14 BO, 227 BW, 163 MCF, 8.9 SPM.
4/8/95 Pmpd 35 BO, 311 BW, 163 MCF, 8.9 SPM.
4/9/95 Pmpd 32 BO, 242 BW, 146 MCF, 8.9 SPM.
4/10/95 Pmpd 33 BO, 245 BW, 146 MCF, 8.9 SPM. Will run dyno.
4/11/95 Pmpd 34 BO, 233 BW, 126 MCF, 8.9 SPM. Ran dyno - FL @ 9027' (SN @
10,883'). Will increase SPM.
4/12/95 Pmpd 6 BO, 339 BW, 163 MCF, 10.5 SPM.
4/13/95 Pmpd 24 BO, 108 BW, 146 MCF, 10.5 SPM, 20 hrs. Down 4 hrs - raise
rods.
4/14/95 Pmpd 42 BO, 180 BW, 146 MCF.
4/15/95 Pmpd 28 BO, 230 BW, 163 MCF.
4/16/95 Pmpd 50 BO, 341 BW, 163 MCF, 10.5 SPM. Will check FL.
4/17/95 Pmpd 28 BO, 424 BW, 163 MCF, 10.5 SPM. Check FL @ 9027' (SN @
10,883').
4/18/95 Pmpd 29 BO, 257 BW, 163 MCF, 10.5 SPM.
Prior prod: 13 BO, 118 BW, 103 MCF. Final report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
Patented

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

7. Unit Agreement Name:
N/A

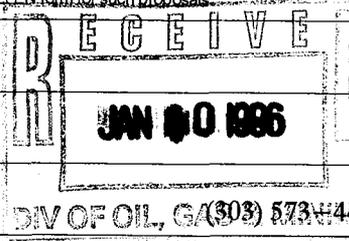
8. Well Name and Number:
Rust #1-4B3

9. API Well Number:
43-013-30063

10. Field and Pool, or Wildcat:
Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator:
ANR Production Company

3. Address and Telephone Number:
P.O. Box 749, Denver, CO 80201-0749

4. Location of Well
Footages: **2030' FNL & 660' FEL**
QQ, Sec., T., R., M.: **SENE Section 4-T2S-R3W**

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

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

NOTICE OF INTENT
(Submit In Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

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

DATE: 1/14/96
BY: [Signature]

13. Name & Signature: [Signature: Sheila Bremer]

Title: Environmental & Safety Analyst Date: 01/08/96

(This space for State use only)

Joe Credit
12/6/95

RUST #1-4B3 WORKOVER PROCEDURE

PROCEDURE

1. MIRU completion rig. Hot flush tubing with fresh water and POH w/ rods. ND wellhead & NU BOPE. Release MTS TAC @ 11,012'. POH w/ 2-7/8" tubing and rod pumping BHA.
2. TIH w/ 6-1/2" drag bit, casing scraper (7-5/8" 33.7# casing) and 2-7/8" tubing to clean out 7-5/8" casing from surface to 11,000' using freshwater. TOH w/ BHA.
3. MIRU Oil Well Perforators and RU 10,000 psig lubricator. Wireline set a CIBP @ 10,950' and dump bail 2 sx cement on top of CIBP.
4. Perforate the TGR3 Green River footage shown below using a 4" casing gun with 3 SPF @ 120 degree phasing. Total of 68 feet and 204 perforations. Footages correlate to Compensated Formation Density Log dated 8-10-71.

TGR3 GREEN RIVER PERFORATIONS

9,550'	9,790'	10,100'	10,417'
9,555'	9,793'	10,104'	10,426'
9,571'	9,811'	10,108'	10,437'
9,578'	9,842'	10,112'	10,443'
9,584'	9,846'	10,195'	10,450'
9,594'	9,876'	10,207'	10,505'
9,608'	9,904'	10,213'	10,515'
9,613'	9,909'	10,221'	10,726'
9,617'	9,914'	10,225'	10,734'
9,624'	9,948'	10,235'	10,752'
9,632'	9,952'	10,268'	10,781'
9,635'	9,994'	10,274'	10,787'
9,646'	9,998'	10,279'	10,798'
9,678'	10,008'	10,290'	10,814'
9,703'	10,023'	10,334'	
9,764'	10,088'	10,381'	
9,768'	10,092'	10,402'	
9,772'	10,096'	10,406'	

5. TIH w/ 7-5/8" retrievable packer on 3-1/2" 9.3 # P-110 tubing. Set packer @ +/- 10,130'.
6. MIRU Dowell and acidize TGR3 interval (10,195' to 10,814') total of 84 holes with 3,900 gals 15% HCL acid as shown below. Heat all fluids to 150 F. Inject down the annulus while pumping down tubing to maintain a hydrostatic column.

RUST #1-4B3 WORKOVER PROCEDURE

Fluid Description	Volume (Gals)	Volume (Bbl's)	Special Additives	Diverter	Rate (BPM)	Maximum Surface Pressure
Pad	4,200	100	Scale Inhibitor		20-30	9,000 psig
15% HCL Acid	1,300	31	Scale Inhibitor	116 BS 1.1 S.G.	20-30	9,000 psig
Gelled Fresh Water	1,000	24		0.5 ppg RS 0.5 ppg BAF	20-30	9,000 psig
15% HCL Acid	1,300	31	Scale Inhibitor	116 BS 1.1 S.G.	20-30	9,000 psig
Gelled Fresh Water	1,000	24		0.5 ppg RS 0.5 ppg BAF	20-30	9,000 psig
15% HCL Acid	1,300	31	Scale Inhibitor	116 BS 1.1 S.G.	20-30	9,000 psig
Flush With Fresh Water (Btm Perf)	5,000	119			20-30	9,000 psig
Totals	15,100	360				

7. RU swab equipment and swab back acid job. Monitor well flow back as required. Release 7-5/8" packer and TOH w/ 3-1/2" tubing.
8. MIRU wireline company and wireline set a retrievable bridge plug @ 10,170'. Dump bail 3 sx bauxite on top of plug.
9. TIH w/ 7-5/8" retrievable packer on 3-1/2" 9.3 # P-110 tubing . Set packer @ +/- 9,400'.
10. MIRU Dowell and acidize TGR3 interval (9,550' to 10,112') total of 120 holes with 6,000 gals 15% HCL acid as shown below. Heat all fluids to 150 F. Load and pressure annulus to 1,500 psig.

Fluid Description	Volume (Gals)	Volume (Bbl's)	Special Additives	Diverter	Rate (BPM)	Maximum Surface Pressure
Pad	4,200	100	Scale Inhibitor		20-30	9,000 psig
15% HCL Acid	2,000	48	Scale Inhibitor	70 BS 1.1 S.G.	20-30	9,000 psig
Gelled Fresh Water	1,000	24		0.5 ppg RS 0.5 ppg BAF	20-30	9,000 psig
15% HCL Acid	2,000	48	Scale Inhibitor	70 BS 1.1 S.G.	20-30	9,000 psig
Gelled Fresh Water	1,000	24		0.5 ppg RS 0.5 ppg BAF	20-30	9,000 psig
15% HCL Acid	2,000	48	Scale Inhibitor	70 BS 1.1 S.G.	20-30	9,000 psig
Flush With Fresh Water (Btm Perf)	4,500	108			20-30	9,000 psig
Totals	16,700	400				

RUST #1-4B3 WORKOVER PROCEDURE

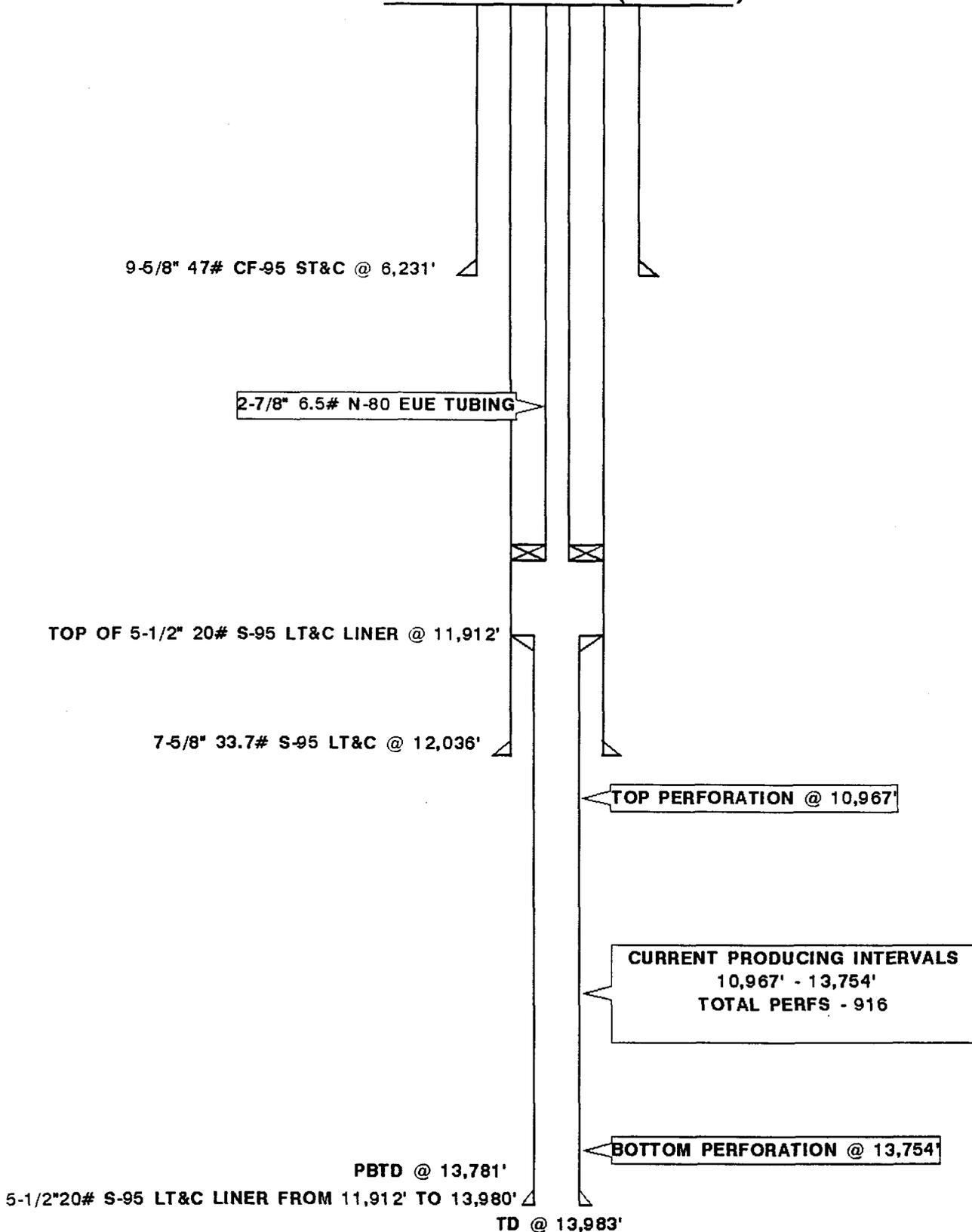
11. RU swab equipment and swab back acid job. Monitor well flow back as required.
12. Release 7-5/8" packer and TOH w/ 3-1/2" tubing. TIH w/ retrieving tool an retrieve 7-5/8" bridge plug @ 10,170'.
13. TIH w/ 2-7/8" tubing BHA, pump and rods(consult Denver for rod design based on results). Place well on production.

RUST #1-4B3 WELLBORE SCHEMATIC

SECTION 4 T2S R3W

DUCHESNE COUNTY, UTAH

DATE: 12-19-95 (R. COX)



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *GH*

1-LEC-7-53
2-DTS 8-FILE
3-VLD
4-NOT
5-LEC
6-FILM

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>013-30063</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

- Sec* 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)*
- Sec* 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.
- Sec* 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)*
- Sec* 6. Cardex file has been updated for each well listed above.
- Sec* 7. Well file labels have been updated for each well listed above.
- Sec* 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)*
- Sec* 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

- 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).
- 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.

- 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.*
- 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 Coastal)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 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

- 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ State lease wells.
 C.A. & Indian lease wells will be handled on separate change.

960412 BLM/SL Aprv. C.A.'s 4-11-96.

960820 BIA Aprv. CA's 8-16-96.

960329 BIA Aprv. Indian Lease wells 3-26-96.

WE71/34-35 *961107 Lemicy 2-5B2/43013-30784 under review at this time; no chg. yet!

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			
					Footages	Section, Township & Range	Field	County
Miles 2-1B5	43-013-31257	Fee 11062	N/A	N/A	1567' FSL & 1868' FWL	NESW, 1-2S-5W	Altamont	Duchesne
Miles 2-3B3	43-013-31261	Fee 11102	N/A	N/A	2078' FSL & 2477' FWL	NESW, 3-2S-3W	Altamont	Duchesne
Monsen 1-21A3	43-013-30082	Patented 1590	N/A	N/A	1546' FNL & 705' FEL	SENE, 21-1S-3W	Altamont	Duchesne
Monsen 2-22A3	43-013-31265	Fee 11098	N/A	N/A	1141' FSL & 251' FWL	SWSW, 22-1S-3W	Altamont	Duchesne
Murdock 2-26B5	43-013-31124	Fee 1531	N/A	N/A	852' FWL & 937' FSL	SWSW, 26-2S-5W	Altamont	Duchesne
Potter 1-24B5	43-013-30356	Patented 1730	N/A	N/A	1110' FNL & 828' FEL	SENE, 24-2S-5W	Altamont	Duchesne
Potter 1-2B5	43-013-30293	Patented 1826	N/A	N/A	1832' FNL & 1385' FEL	SWNE, 2-2S-5W	Altamont	Duchesne
Potter 2-24B5	43-013-31118	Fee 1731	N/A	N/A	922' FSL & 2124' FSL	NWSW, 24-2S-5W	Altamont	Duchesne
Potter 2-6B4	43-013-31249	Fee 11038	N/A	N/A	1517' FSL & 1732' FWL	NESW, 6-2S-4W	Altamont	Duchesne
Powell 1-33A3	43-013-30105	Fee 1625	N/A	N/A	2340' FNL & 660' FEL	SENE, 33-1S-3W	Altamont	Duchesne
Powell 2-33A3	43-013-30704	Fee 2400	N/A	N/A	1582' FSL & 1558' FWL	NESW, 33-1S-3W	Altamont	Duchesne
Reeder 1-17B5	43-013-30218	Patented 1710	N/A	N/A	1619' FNL & 563' FEL	SENE, 17-2S-5W	Altamont	Duchesne
Remington 1-34A3	43-013-30139	Patented 1725	N/A	N/A	919' FNL & 1596' FEL	NWNE, 34-1S-3W	Altamont	Duchesne
Remington 2-34A3	43-013-31091	Fee 1730	N/A	N/A	1645' FWL & 1833' FSL	NESW, 34-1S-3W	Altamont	Duchesne
Roper 1-14B3	43-013-30217	Fee 1850	N/A	N/A	1623' FNL & 2102' FWL	SENE, 14-2S-3W	Bluebell	Duchesne
Rust 1-4B3	43-013-30063	Patented 1575	N/A	N/A	2030' FNL & 660' FEL	SENE, 4-2S-3W	Altamont	Duchesne
Rust 3-4B3	43-013-31070	Fee 1576	N/A	N/A	1072' FSL & 1460' FWL	SESW, 4-2S-3W	Altamont	Duchesne
Smith 1-31B5	43-013-30577	Fee 1955	N/A	N/A	2232' FSL & 1588' FEL	NWSE, 31-2S-5W	Altamont	Duchesne
State 1-19B1	43-013-30688	ML-30598 - Fee 2395	N/A	N/A	1043' FWL & 1298' FNL	NWNE, 19-2S-1W	Bluebell	Duchesne
Stevenson 3-29A3	43-013-31376	Fee 11442	N/A	N/A	1347' FNL & 1134' FWL	CNW, 29-1S-3W	Altamont	Duchesne
Tew 1-15A3	43-013-30529	Fee 1945	N/A	N/A	1215' FEL & 1053' FNL	NENE, 15-1S-3W	Altamont	Duchesne
Tew 1-1B5	43-013-30264	Patented 1870	N/A	N/A	1558' FNL & 671' FEL	NENE, 1-2S-5W	Altamont	Duchesne
Todd 2-21A3	43-013-31296	Fee 11268	N/A	N/A	2456' FSL & 1106' FWL	NWSW, 21-1S-3W	Bluebell	Duchesne
Weikert 2-29B4	43-013-31298	Fee 11332	N/A	N/A	1528' FNL & 1051' FWL	SWNW, 29-2S-4W	Bluebell	Duchesne
Whitehead 1-22A3	43-013-30357	Patented 1885	N/A	N/A	2309' FNL & 2450' FEL	SWNE, 22-1S-3W	Altamont	Duchesne
Winkler 1-28A3	43-013-30191	Patented 1750	N/A	N/A	660' FNL & 1664' FEL	NWNE, 28-1S-3W	Altamont	Duchesne
Winkler 2-28A3	43-013-31109	Fee 1751	N/A	N/A	1645' FWL & 919' FSL	SESW, 28-1S-3W	Altamont	Duchesne
Wright 2-13B5	43-013-31267	Fee 11115	N/A	N/A	2442' FNL & 2100' FWL	SENE, 13-2S-5W	Altamont	Duchesne
Young 1-29B4	43-013-30246	Patented 1791	N/A	N/A	2311' FNL & 876' FEL	SENE, 29-2S-4W	Altamont	Duchesne
Young 2-15A3	43-013-31301	Fee 11344	N/A	N/A	1827' FWL & 1968' FWL	NWSW, 15-1S-3W	Altamont	Duchesne
Young 2-30B4	43-013-31366	Fee 11453	N/A	N/A	2400' FNL & 1600' FWL	SENE, 30-2S-4W	Altamont	Duchesne
Ute Tribal 2-21B6	43-013-31424	14-20-H62-2489 11615	Ute	9639	1226' FSL & 1306' FEL	SESE, 22-2S-6W	Altamont	Duchesne
Ute 1-34A4	43-013-30078	14-20-H62-1774 1585	Ute	9640	1050' FWL & 1900' FNL	SWNW, 12-2S-3W	Bluebell	Duchesne
Ute 1-36A4	43-013-30069	14-20-H62-1793 1580	Ute	9642	1544' FEL & 1419' FNL	SWNE, 28-2S-4W	Altamont	Duchesne
Ute 1-1B4	43-013-30129	14-20-H62-1798 1700	Ute	9649	500' FNL & 2380' FWL	NENW, 1-2S-4W	Altamont	Duchesne
Ute Jenks 2-1B4	43-013-31197	14-20-H62-1782 10844	Ute	9649	1167' FSL & 920' FWL	SWSW, 33-1N-2W	Bluebell	Duchesne
Evans 2-19B3	43-013-31113	14-20-H62-1734 1777	Ute	9678	983' FSL & 683' FEL	SESE, 21-2S-6W	Altamont	Duchesne
Ute 3-12B3	43-013-31379	14-20-H62-1810 11490	Ute	9679	2219' FNL & 2213' FEL	SWNE, 8-1S-1E	Bluebell	Uintah
Ute 1-28B4	43-013-30242	14-20-H62-1745 1796	Ute	9681	1727' FWL & 1675' FSL	NESW, 19-2S-3W	Altamont	Duchesne
Murdock 2-34B5	43-013-31132	14-20-H62-2511 10456	Ute	9685	1420' FNL & 1356' FEL	SWNE, 34-1S-4W	Altamont	Duchesne
Ute Tribal 10-13A4	43-013-30301	14-20-H62-1685 5925	Ute	9C-126	2230' FNL & 1582' FEL	SWNE, 33-1N-2W	Bluebell	Duchesne
Ute 1-8A1E	43-047-30173	14-20-H62-2714 1846	Ute	9C138	1543' FSL & 2251' FWL	NESW, 34-2S-5W	Altamont	Duchesne
Ute 2-33Z2	43-013-31111	14-20-H62-1703 10451	Ute	9C140	802' FNL & 1545' FWL	NWNE, 13-1S-4W	Altamont	Duchesne
Ute Tribal 1-33Z2	43-013-30334	14-20-H62-1703 1851	Ute	9C140	1660' FSL & 917' FWL	NWSW, 18-2S-3W	Altamont	Duchesne
Myrin Ranch 2-18B3	43-013-31297	14-20-H62-1744, 4521, 4522, 4554	N/A 11475	UTU70814	975' FNL & 936' FEL	NENE, 36-1S-4W	Altamont	Duchesne
Ute Tribal 2-22B6	43-013-31444	14-20-H62-4644 11641	Ute	UTU73743	1401' FSL & 1295' FWL	NWSW, 15-2S-6W	Altamont	Duchesne
Ute 1-15B6	43-013-31484	14-20-H62-4647 11816	Ute	UTU73964	1879' FNL & 1070' FEL	SENE, 1-2S-4W	Altamont	Duchesne
Ute 1-25A3	43-013-30370	14-20-H62-1802 1920	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne
Ute 1-26A3	43-013-30348	14-20-H62-1803 1870	Ute	N/A	1869' FNL & 1731' FWL	SENE, 26-1S-3W	Bluebell	Duchesne



Ute
 9699
 9681
 9C140
 9639
 9C138
 9678
 9640
 9C-140
 9685
 9C126
 9C138
 9C140
 Ute 73743
 9642
 Ute 73964
 9649

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

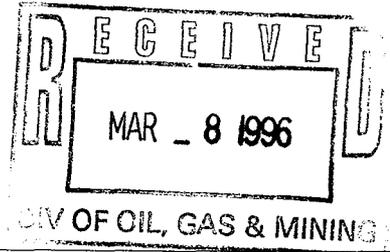
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Patented
2. Name of Operator: ANR Production Company		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455		7. Unit Agreement Name: N/A
4. Location of Well Footages: 2030' FNL & 660' FEL QQ, Sec., T., R., M.: SENE Section 4-T2S-R3W		8. Well Name and Number: Rust #1-4B3
		9. API Well Number: 43-013-30063
		10. Field and Pool, or Wildcat: Altamont
		County: Duchesne State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

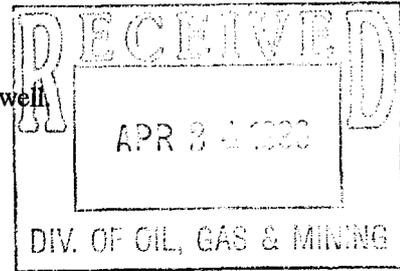
Date of work completion 4/7/96

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

* Must be accompanied by a cement verification report.

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

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

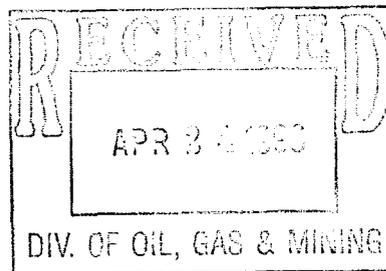


13. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 04/22/96

(This space for State use only)

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LGR)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 89.975% COGC AFE: 26023
TD: 13,983' PBD: 13,781'
5½" LINER @ 11,912'-13,980'
PERFS: 10,967'-13,754' (WASATCH)
CWC(M\$): 131.0



- 3/19/96 RU unit.
MIRU workover rig. CC: \$950.
- 3/20/96 POOH w/27/8".
RU workover rig. Remove horse's head, unseat pump. Flush tbg w/60 3% KCL water, POOH w/123-1", 129-7/8", 172-3/4", 9-1" rods & 1½" pump. X-O to tbg equip. ND WH & prod lines. Rel 7/8" TAC. NU BOP. RU floor & equip. LD 2 jts 27/8" N-80 tbg. CC: \$5250.
- 3/21/96 RIH w/27/8".
150 psi on both tbg & csg. POOH w/342 jts 27/8" N-80 prod tbg & BHA. RD floor. ND BOP, CO tbg head, change out for 7/8" csg. NU BOP. RU floor. PU & RIH w/6½" bit & 7/8" csg scraper & 200 jts prod tbg to 6181'. CC: \$8050.
- 3/22/96 Repair rig.
Bled off 125 psi, RIH w/144 jts 27/8" tbg. Ran 7/8" csg scraper to 11,023'. Flush 27/8" w/60 gals 3% KCL. POOH w/351 jts 27/8" tbg & 7/8" csg scraper & 6½" bit. CC: \$10,850.
- 3/23-24/96 No activity.
- 3/25/96 Repair rig.
- 3/26/96 Rig up OWP WL to perf.
Bled off 550 psi from csg, RU OWP WL. Set 7/8" CIBP at 10,950' w/2 sx cement above. Ran 4" perf guns. Unable to get good correlation w/GR on CBL. Ran GR/CCL. CC: \$13,575.
- 3/27/96 PU 3½" tbg.
Bled 125 psi from csg. Perf LGR w/4" csg guns 3 SPF, 120° phasing from 9550' to 10,814'.
Run 1: 10,814'-10,381', 17 ft, 51 holes, 0 psi, FL 8150'.
Run 2: 10,334'-10,092', 17 ft, 51 holes, 0 psi, FL 8150'.
Run 3: 10,088'-9972', 17 ft, 51 holes, 0 psi, FL 8150'.
Run 4: 9768'-9550', 17 ft, 51 holes 0 psi, FL 7700'.
RD OWP. Spotted & unload 337 jts 3½" P-110 tbg. Tally & clean, PU 82 jts 3½" tbg. EOT 2672'. CC: \$33,593.
- 3/28/96 RU Dowell.
Bled off 100 psi from tbg & csg. Tally, clean & PU 238 jts 3½" P-110 tbg. Set 7/8" pkr @ 10,132'. CC: \$37,978.
- 3/29/96 RU Dowell.
RU Dowell to acidize LGR perfs from 10,195' to 10,814', 84 holes, w/3900 gals 15% HCL & additives. Fill csg. Pump 21 bbbls down tbg, up csg. RD Dowell, rel 7/8" pkr, LD 24 jts 3½" P-110 tbg, set pkr @ 9380'. Pressure tested csg to 1500 psi, good. Rel 7/8" pkr, LD 6 jts 3½" tbg, set pick at 9193'. Press test csg to 1500 psi, good. CC: \$43,678.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

RUST #1-4B3 (RECOMPLETE LGR)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 89.975% COGC AFE: 26023

- 3/30/96 Flowing well.
RU Dowell to acidize LGR perms from 9550'-10,814', 204 holes, w/9900 gals 15% HCL w/additives. Max press 9000#, avg press 8500#, max rate 35 BPM, avg rate 24 BPM, min rate 22 BMP, total load pump 603, diversion fair. ISIP 2350#, 5 min 1959#, 10 min 2025#, 15 min 2023#. RD Dowell. Flow well back for 7½ hrs, flow 194 bbls - 51 BO, ph last hr was 4 - 90% oil cut. 460 bbls left to recover. Turn well to production for night. CC: \$79,068.
- 3/31/96 Killing well.
Rel 7½" HD pkr, well began to flow harder. Circ well w/150 bbls from 3% KCL water. LD 68 jts 3½" P-110 tbg, well began to flow up csg. Circ down tbg w/100 bbls 3% KCL water. LD 75 jts 3½" P-110 tbg, well began to flow again. CC: \$83,818.
- 4/1/96 Killing well.
100 psi on well. Circ well w/100 bbls 3% KCL water. LD 100 jts 3½" P-110 tbg. Flush 3½" w/20 bbls 3% KCL. LD 100 jts 3½" P-110 tbg. Well began to flow up both tbg & csg. 30 jts left inhole, EOT 1011'. CC: \$88,063.
- 4/2/96 Running rods.
250 psi on well csg, began flow, circ w/50 bbls 3% KCL water. LD 21 jts 3½" tbg, pump 5 bbls down tbg. LD 9 jts 3½" P-110 tbg, 7½" pkr, x-o to 27½". PU BHA, well kicking, NU strip head. RIH w/302 jts 27½" N-80 tbg. Had to pump down a few times to keep fluid down. RD floor & equip, ND BOP. Set 7½" TAC @ 9531', steel plug @ 10,901', SN @ 10,870' w/28,000# tension. NU WH & prod lines. Left csg going to prod tank. CC: \$93,718.
- 4/3/96 On production.
150# on tbg, tbg flow circ w/100 bbls. PU 1½" pump, prime pump & RIH w/1½" pump & rods. Space out rods w/2-8', 1-6', 1-2', tbg was full, test to 500#, good test, hung off rods, adjusted horse head. RD, clean up, load equip. CC: \$109,310.
Pmpd 0 BO, 270 BW, 0 MCF, 6.2 SPM, 18 hrs.
- 4/4/96 Pmpd 39 BO, 401 BW, 20 MCF, 9.1 SPM.
- 4/5/96 Pmpd 254 BO, 69 BW, 103 MCF, 8.9 SPM.
- 4/6/96 Pmpd 208 BO, 38 BW, 219 MCF, 8.9 SPM.
- 4/7/97 Pmpd 153 BO, 48 BW, 126 MCF, 8.9 SPM, 73% POC.
Prior Prod: 5 BO, 133 BW, 72 MCF.
Final Report.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Rust #1-4B3

9. API Well Number:

43-013-30063

10. Field and Pool, or Wildcat:

Altamont

1. Type of Well:

OIL GAS OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

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

(303) 573-4455

4. Location of Well

Footages: 2030' FNL & 660' FEL

County: Duchesne

QQ, Sec., T., R., M.: SENE Section 4-T2S-R3W

State: Utah

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

NOTICE OF INTENT

(Submit In Duplicate)

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

Approximate date work will start _____ Upon approval _____

SUBSEQUENT REPORT

(Submit Original Form Only)

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

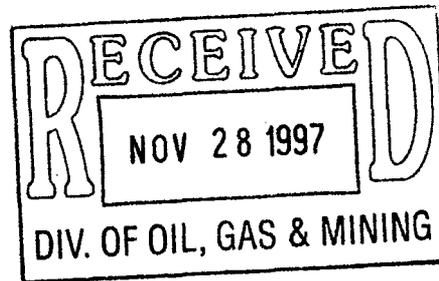
Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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



13. Name & Signature: Sheila Bremer

Title: Environmental & Safety Analyst Date: 11/26/97

(This space for State use only)

APPROVED BY THE CHIEF OF DIVISION OF OIL, GAS AND MINING
John R. By 12/1/97

Project: Recomplete the well in the upper Green River Formation. Isolate the lower TGR3 completion with a CIBP and perforate the upper TGR2 sand stringer. Stimulate the newly perforated interval with a sand frac and return to production.

Recompletion Procedure

- 1) Set 500 bbl frac tank & load w/ treated lease water filtered to 3 micron for completion water.
Note: Filter all completion fluid to 3 micron.
- 2) MIRU workover rig, hot oil csg annulus w/ 60 bbls of hot filtered lease water, unseat pump, flush rods & tbg w/ 60 bbls of hot filtered lease water.
- 3) TOOH w/ rods & pump, ND wellhead, NU BOP, TOOH w/ tbg & BHA.
- 4) RIH w/ 6 1/2" bit & 7 5/8" csg scraper on 2 7/8" prod tbg to 8,200' , TOOH w/ tbg & tools.
Note: PBSD, CIBP set @ 10,950'.
- 5) RU wireline company & set CIBP @ 8,060', dump bail 2 sx cmt on top of CIBP, note fluid level.
Note: Step 6 depends on fluid level, want about 1000' of fluid over perf guns.
- 6) RIH w/ 2 7/8" SN on 2 7/8" prod. tbg to 6,700', swab well down to SN, TOOH w/ tbg.
Note: Want to perforate zone under balanced w/ approx. 1000' of fluid over gun.
- 7) RU wireline company, run gamma correlation log across proposed interval, & perforate w/ 3 spf, 120 deg phasing using a 4" csg gun as per the attached perforation recommendation:
Note: Use CBL Dated 9-23-71 for perforation correlation.
Check for fluid entry & level before coming out of hole with perf gun.
- 8) PU & RIH w/ 7 5/8" HD pkr, 2 7/8" SN, 2 7/8"x 3 1/2" cross over on 3 1/2", 9.3#, N-80, EUE tbg.
- 9) Set HD pkr @ 8,016', & test CIBP to 2000 psig.
- 10) Reset 7 5/8" HD pkr @ 7,635', load backside with filtered lease water & pressure to 500 psig.
- 11) RU swab equipment & swab well to test for fluid entry & clean up shot contamination.
Note: Catch fluid samples for analysis.
It is possible we will perform a pressure build up test at this point.
- 12) RU frac company and stimulate the TGR2 perforations as per the recommended procedure, flow back well using the recommended forced closure procedure.
Note: Frac will be traced using Pro-Technics International tracers w/ multiple tracers to tag the pad fluid, middle sand, & last stage sand.
Need to set a second 500 bbl frac tank, fill both frac tanks w/ filtered lease water, & heat prior to frac day.
- 13) RU swab equipment & swab well to clean up frac and test for production.

- 14) Release pkr,RIH w/ tbg & tag PBTD, TOOH & LD tools & 3 1/2" tbg.
Note: Want clean hole to at least 7,950'.
- 15) RU Pro-Technics to log tracers tagged in frac sand.
- 16) RIH w/ production string: 2 7/8" x 31' Mud Anchor open ended w/ notched collar & cross bar.
 2 7/8" x 4' perforated sub.
 2 7/8" x 2.5" x 1.1' SN landed @ 7780'.
 2 7/8", 6.5#, N-80, EUE production tbg.
 2 7/8" x 7 5/8" TAC landed @ 7650'.
 2 7/8", 6.5#, N-80, EUE production tbg.
- 17) RIH w/ pump & rods, hang well on for production, RDMO workover rig.
Note: Pump size & rod string will be specified from swab data.

**GREATER ALTAMONT FIELD
RUST #1-4B3
Section 4 - T2S - R3W
Duchesne County, Utah**

**Upper Green River
Perforation Schedule**

Schlum. Dual Ind. Run #2 8/10/71	Schlum. Sonic Run #2 8/10/71	Schlum. Bond Run #1 9/23/71
7,696	7,695	7,699
7,698	7,697	7,701
7,700	7,699	7,703
7,702	7,701	7,705
7,704	7,703	7,707
7,706	7,705	7,709
7,708	7,707	7,711
7,710	7,709	7,713
7,712	7,711	7,715
7,714	7,713	7,717
7,716	7,715	7,719
7,718	7,717	7,721
7,720	7,719	7,723
7,722	7,721	7,725
7,724	7,723	7,727
7,726	7,725	7,729
7,728	7,727	7,731
7,730	7,729	7,733
7,732	7,731	7,735
7,734	7,733	7,737
7,736	7,735	7,739
7,738	7,737	7,741
7,740	7,739	7,743
7,742	7,741	7,745
7,744	7,743	7,747
7,746	7,745	7,749
7,748	7,747	7,751

27 ZONES

S. H. Laney

10/29/97

DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
 P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface
 2030' FNL & 660' FEL (SENE)
 At top prod. interval reported below
 At total depth

14. APINO. 43-013-30063 DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO. Patented
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
 7. UNIT AGREEMENT NAME N/A
 8. FARM OR LEASE NAME Rust
 9. WELL NO. 1-4B3
 10. FIELD AND POOL, OR WILDCAT Altamont
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 4-T2S-R3W
 12. COUNTY Duchesne 13. STATE Utah

15. DATE SPUNDED 6/9/71 16. DATE T.D. REACHED _____ 17. DATE COMPL. (Ready to prod.) or (Plug & Abd.) 1/15/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6096' GR 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 13,983' 21. PLUG, BACK T.D., MD & TVD 8070' 22. IF MULTIPLE COMPL., HOW MANY _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)
 Upper Green River: 7696' - 7748'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CL 27. Was Well Cored YES NO (Submit analysis) Drill System Test YES NO (See reverse side)

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	CEMENTING RECORD	AMOUNT PULLED
RECEIVED MAR 16 1998				

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7624'	

31. PERFORATION RECORD (Interval, size and number)
 7748'-7710', 3 spf, 120 phasing, 60 holes
 7708'-7696', 3 spf, 120 phasing, 21 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7696'-7748'	See attached chrono - 12/30/97

33. PRODUCTION

DATE FIRST PRODUCTION 12/31/97 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 1/8/98 HOURS TESTED 24 CHOKE SIZE --- PROD'N. FOR TEST PERIOD 23 OIL - BBL. 23 GAS - MCF. 28 WATER - BBL. 0 GAS - OIL RATIO _____

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 23 OIL - BBL. 23 GAS - MCF. 28 WATER - BBL. 0 OIL GRAVITY - API (CORR.) _____

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

35. LIST OF ATTACHMENTS
 Chronological History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED Sheila Bremer TITLE Environmental & Safety Analyst DATE 3/13/98

See Spaces for Additional Data on Reverse Side

NO tax credit 10/98

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

RUST 1-4B3 (RECOMPLETE UPPER GRN RIVER)

ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.961% AFE: 27538
TD: 13,983' PBTD: 8,070'
5½" @ 13,980'
PERFS: 7696'-7748', 9550'-10,814'
CWC(M\$): \$116.0

12/21/97 MIRU. CC: \$112

12/22/97 **POOH w/2⅞" prod BHA, SLM.**
RU rig. Unseat 2½" x 1¼" CE pmp @ 10,810'. Flush tbg w/60 BBLs 2% KCl. Reseat pmp. Tst 700#, held okay. POOH w/pmp. XO equip to 2⅞" tbg. ND WH, NU BOP. Rls 7⅞" TAC @ 9531'. POOH w/2⅞" prod BHA, SLM. SDFN. EOT @ 5800'. CC: \$5,147

12/23/97 **SDFXmas.**
EOT @ 5800'. POOH w/2⅞" prod BHA. LD BHA. PU bit & scraper. RIH & rotate thru 8030-90'. Never tagged anything. POOH w/tools. SDFN. CC: \$10,192

12/24-25/97 SDFH.

12/26/97 **PU tbg.**
MIRU WL. RIH w/GR-CL, log f/8100' - 6400'. POOH. PU 7⅞" CIBP & RIH. Set @ 8070'. POOH. PU dmp bailer w/2 sx cmt. RIH. Dmp on plg. FL @ 6900'. PU 4" csg gun. Perf f / 7748 - 7696' w/3 JSPF, 120 phasing:
Run #1: 7748'-7710', 20 ft, 60 holes, psi 0, FL 6950'
Run #2: 7708'-7696', 7 ft, 21 holes, psi 0, FL 6700'.
RDWL. PU pkr on 3½" tbg & RIH. SDFN. EOT @ 3481'. CC: \$22,996

12/27/97 **Swab.**
SITP 0#. Set 7⅞" pkr @ 8010'. PT CIBP to 2000#, held okay. Rls pkr & POOH. Set pkr @ 7643'. Tst csg to 500#, okay. RU SU. Swb 55 BO, 40 BW. Fl 100% oil, strng amonia smell. SDFN. CC: \$27,835

12/28/97 **Sd frac UGR.**
SITP 180#. Blw dwn 10 min. Strt swb'g. IFL @ 4400'. Rec 36 BBLs blk oil, amonia & 0 BW / 5 runs. FFL @ 5700'. Flush tbg w/40 BBLs 2% KCl. SDFN. CC: \$30,875

12/30/97 **Flow well.**
MIRU BJ service to sand frac, 7⅞" HD pkr @ 7643', 7⅞" CIBP @ 8070' w/2 skx sand. TP @ 7699', BP @ 7751', 52' zone, 156 holes. Test sfc lines to 9000#, ok. Frac Upper Grn Rvr w/90,000# 20/40 RA traced sand. Flush w/67 bbls 3% KCl. ISIP 3950#, total load 660 bbls. Avg rt 24 BPM @ 6500#. Open ck to 12/64", flow back 19 bbls @ ½ BPM. Est closure @ 6000# psi. RDMO BJ service. SITP 3000#. Flow to frac tk 14/64" to 64/64" ck. Flwd 216 bbls frac fluid w/light sand & trace of black crude. Heavy ammonia smell. 6 hrs WPH 0-50#, not enough psi to keep lowline from sanding off. Pump 10 bbls 3% KCl dn tbg & flush sfc lines. CC: \$85,990.

12/31/97 **SDFH.**
SITP 220#. Flw to frac tank on a 14/64" chk. Well flwd till 9:45 AM. Made 26 BO & 36 BW, no sd, gas cut & amonia. Well died. Made sinker bar run to the SN @ 6738'. No bridges. Strt swbg. IFL @ surf. Swb 264.5 BLF (56.5 BO & 207.5 BW) Cut = 40%, PH = 10, FPH = N/F, FFL @ 5400'. SDFN. CC: \$90,337

1/01/98 SDFH.

1/2/98 **POOH & LD 3½" tbg.**
SITP 600#. Flow well to frac tank. Flow line keeps plugging w/black crude, have to keep shutting dn & pump out flowline. Pmpd 30 bbls 3% KCl dn tbg, ½ BPM @ 3000#. Well flwd back 25 BW & died. Start swabbing. IFL @ sfc, made 5 runs, rec 77 bbls - 39.5 BW, 38 BO. PH 10, FFL 1800'. RD swab equip. Open unloader on 7⅞" HD pkr @ 7643'. Rev circ w/90 bbls 3% KCl, 900# @ 1½ BPM. Re-set pkr. RIH w/sandline sinker bars. Tag PBTD @ 7920' (140' fill). POOH & RD swab equip. CC: \$94,700.

1/3/98 **RIH to circ out sand.**
Rel pkr @ 7643', circl clean. POOH LD 3½" tbg. RIH w/2⅞" tbg to circ out sand. EOT @ 6300'. CC: \$99,742.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

RUST 1-4B3 (RECOMPLETE UPPER GRN RIVER)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 89.961% AFE: 27538

1/4/98 **POOH w/2 7/8".**
SITP 500# csg, 400# tbg. Circ 30 bbls to kill tbg & clean oil out of csg. Tag sand @ 7910', CO to 8072'. POOH w/tbg to 6960'. RU PLS to run pro technics tracer log. Log well. POOH, RD PLD.
CC: \$107,691.

1/5/98 **RIH w/2 1/2" x 1 1/2" pump.**
SITP 500#. EOT @ 6960'. POOH w/2 7/8" tbg, LD 98 jts. PU 2 7/8" prod BHA & RIH. RD floor. ND BOP. Set 7 7/8" TAC @ 7274' w/22,000# ten, SN @ 7496'. EOT @ 7624', xo equip to rods. NU WH.
CC: \$110,827.

1/6/98 **Well on production.**
Well bore & tbg froze off. Unthaw well. RIH w/2 1/2"x1 1/2" C-E pump. LD 70 - 3/4", 34 - 7/8", 28 - 1" EL rods. Seat pump @ 7496'. Tbg full. RU pumping unit. Test pump 1000#, ok. RD rig. Place well on production.
Pmpd 5 BO, 134 BW, 12 MCF, 7.2 SPM, 14 hrs. CC: \$115,070.

1/7/98 Pmpd 20 BO, 155 BW, 12 MCF, 7.2 SPM.

1/8/98 Pmpd 23 BO, 0 BW, 28 MCF, 7.2. SPM.

1/9/98 Pmpd 19 BO, 0 BW, 23 MCF, 7.2 SPM.

1/10/98 Pmpd 4 BO, 0 BW, 8 MCF, 7.2 SPM, 4 hrs, waxed off.

1/11/98 Pmpd 0 BO, 0 BW, 0 MCF. SI. Waxed off.

1/12/98 MIRU. Unseat pump. Could not flush tbg. Tbg pressed up to 1500#. Pmpd dn csg to 1200#, POOH w/rods.
CC: \$114,200.

1/13/98 **RIH w/rods.**
Flush tbg w/100 bbls KCL @ 2500#, broke free, circ @ 700#. Rel TAC @ 7472'. POOH w/tbg. Run WL. RD @ 8070', no fill. PU new TAC & RIH, set TAC w/24,000# tension, clean up, SDFN.
CC: \$118,652.

1/14/98 ND BOP, NU WH. X-over to rods. PU new 1 1/2" pmp & RIH. Seat pmp. PT to 1000#, held. Put back on prod.
CC: \$122,275

1/15/98 Pmpd 8 BO, 64 BW, 22 MCF, 7.2 SPM, 24 hrs.

1/16/98 Pmpd 5 BO, 0 BW, 22 MCF, 7.2 SPM.

1/17/98 Pmpd 4 BO, 0 BW, 18 MCF, 7.2 SPM, 16 hrs.

1/18/98 Pmpd 3 BO, 4 BW, 22 MCF, 7.2 SPM, 6 hrs.

1/19/98 Dn 24 hrs for pmp repair.

1/20/98 Pmpd 44 BO, 225 BW, 12 MCF, 7.2 SPM, 18 hrs.

1/21/98 Pmpd 33 BO, 107 BW, 13 MCF, 7.2 SPM, 24 hrs.
Prior prod: Pmpd 0 BO, 0 BW, 0 MCF. **Final Report.**



Coastal
The Energy People

April 21, 1998

Rust #1-4B3
Altamont Field
Duchesne County, Utah
Gamma Ray - Correlation Log
43 013 30063
25 3W 4
POW

Ms. Vicky Dyson
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Dear Ms. Dyson:

Enclosed please find the gamma ray - correlation log for the above referenced well as requested in your letter dated April 15, 1998. If you need any additional information, please let us know.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Enclosure

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

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

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

4. LOCATION OF WELL
FOOTAGES AT SURFACE: _____ COUNTY: _____
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH

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

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

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

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

See Exhibit "A"

Bond # 400JU0708

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation TITLE Vice President
John T. Elzner

SIGNATURE _____ DATE 06-15-01

NAME (PLEASE PRINT) El Paso Production Oil & Gas Company TITLE Vice President
John T. Elzner

SIGNATURE _____ DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

010162788

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

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

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall

David L. Siddall
Vice President

Attest:

Margaret E. Roark

Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

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

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
MILES 2-3B3	43-013-31261	11102	03-02S-03W	FEE	OW	P
RUST 1-4B3	43-013-30063	1575	04-02S-03W	FEE	OW	P
RUST 3-4B3	43-013-31070	1576	04-02S-03W	FEE	OW	P
HANSON TRUST 1-5B3	43-013-30109	1635	05-02S-03W	FEE	OW	P
HANSON TRUST 2-5B3	43-013-31079	1636	05-02S-03W	FEE	OW	P
CHRISTENSEN 2-8B3	43-013-30780	9355	08-02S-03W	FEE	OW	P
MEEKS 3-8B3	43-013-31377	11489	08-02S-03W	FEE	OW	P
HANSON 2-9B3	43-013-31136	10455	09-02S-03W	FEE	OW	P
DOYLE 1-10B3	43-013-30187	1810	10-02S-03W	FEE	OW	P
IORG 2-10B3	43-013-31388	11482	10-02S-03W	FEE	OW	P
RUDY 1-11B3	43-013-30204	1820	11-02S-03W	FEE	OW	P
LAZY K 2-11B3	43-013-31352	11362	11-02S-03W	FEE	OW	P
JENKINS 2-12B3 (CA 96-79)	43-013-31121	10459	12-02S-03W	FEE	OW	P
FLYING DIAMOND ROPER 1-14B3	43-013-30217	1850	14-02S-03W	FEE	OW	P
LAZY K 2-14B3	43-013-31354	11452	14-02S-03W	FEE	OW	P
BODRERO 1-15B3	43-013-30565	2360	15-02S-03W	FEE	OW	S
LINMAR HANSON 1-16B3	43-013-30617	9124	16-02S-03W	FEE	OW	P
EVANS UTE 2-17B3 (CA 96-104)	43-013-31056	5336	17-02S-03W	FEE	OW	P
MYRIN 2-18B3 (CA 70814)	43-013-31297	11475	18-02S-03W	FEE	OW	P
EVANS 1-19B3 (CA 96-78)	43-013-30265	1776	19-02S-03W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

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

November 19, 2001

Carroll Estes
El Paso Production Oil and Gas Company
P.O. Box 1148
Vernal, UT 84078

RECEIVED

NOV 23 2001

DIVISION OF
OIL, GAS AND MINING

Mr. Gil Hunt
Utah Department of Natural Resources/DOGM
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801

43-013-30063

Re: Emergency Pit-Rust 1-4B3 SWD Transfer Station, Section 4, T2S, R3W

Dear Mr. Hunt:

El Paso Production Oil and Gas Company intends to install a lined emergency overflow pit at the Rust 1-4B3 SWD Transfer location as per the attached Exhibit A and Diagram 1.

The emergency pit is necessary for two reasons. First is the failure of the 2000 barrel tank that was being used as an emergency overflow tank and secondly, the additional capacity is necessary to accommodate the 24 hour throughput of the facility. The construction of the lined pit at this facility will commence immediately upon the approval of DOGM. A quick approval is requested because of the lack of overflow facilities at the facility at this time.

Thank you in advance for your consideration in this matter. If you have other questions about this emergency pit or facility please contact me at (435) 781-7009.

Sincerely,

Carroll Estes

Carroll Estes
Principal Environmental Specialist

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 11-26-01

By: *A. Hunt*

cc: Mike McAllister
Carl Lakey
Bill McGaughey
Val Oman
Sam Prutch
Well File

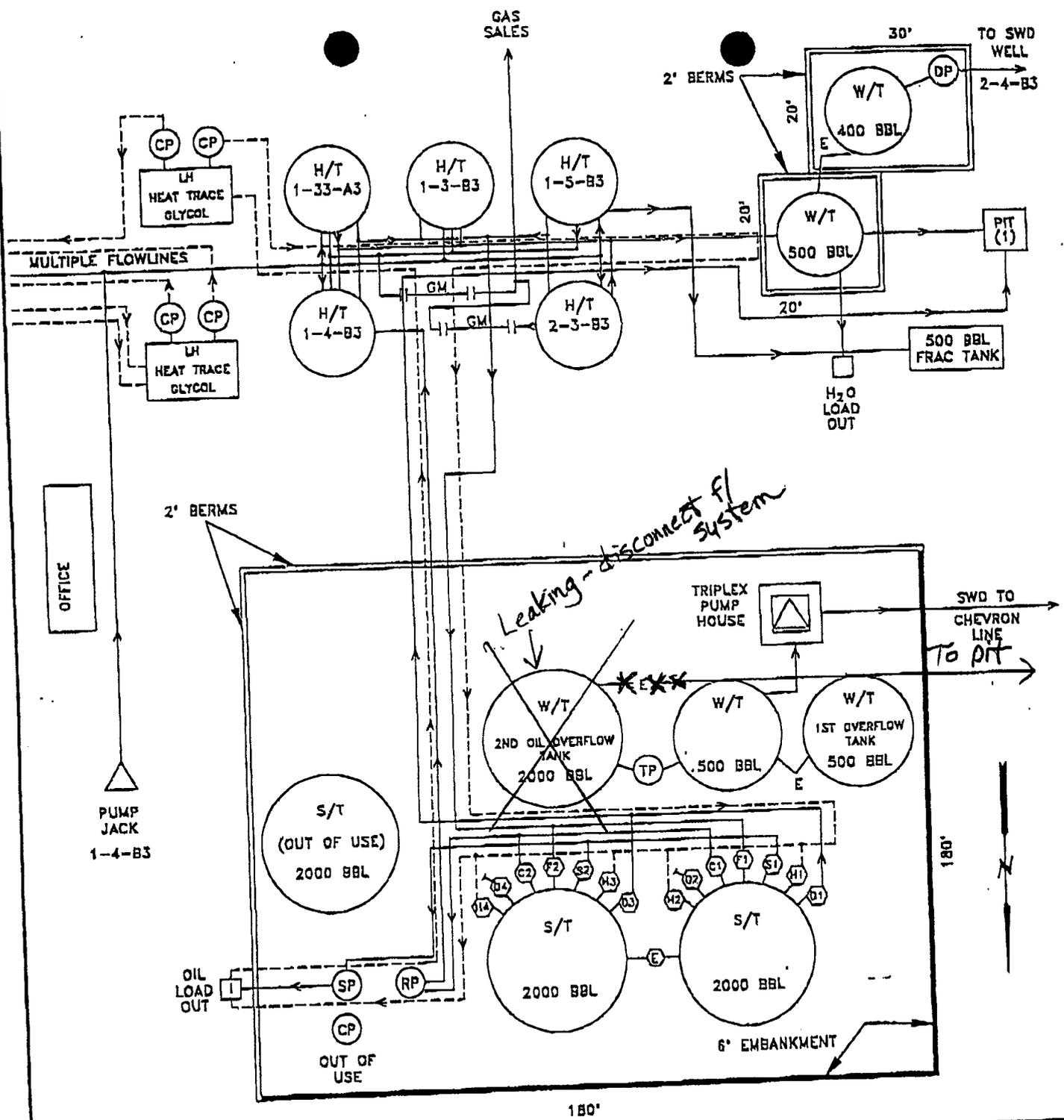
This is an emergency pit and does not meet the requirements of a storage/disposal facility.

COPY SENT TO OPERATOR
Date: 11/27/01
Initials: CHD

DOGMRust 1-4B3 SWD Transfer

Exhibit A:

The pit has been designed for a 8730-barrel capacity, which is necessary to facilitate the 24-hour throughput of the facility. The pit will be constructed 100' long by 100' wide by 7' deep. The pit bottom will be padded with straw and a 30 mil, UV treated impervious black plastic liner will be installed over the straw. A suction line will be installed in the bottom of the pit to facilitate pulling the water out of the pit after use by an electric centrifugal pump located at the SE corner of the pit. The pit will be kept dry and clean at all times except when an overflow condition has occurred. The pit will be emptied no later than 48 hours after an overflow event.



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

DIAGRAM 1

File No: RUN-12/1-4-B3 REVISED: 7/15/96 NOT TO SCALE

Coastal Oil & Gas Corp.

Field: Altamont
 Lease(s): RUST 1-4-B3
 LOTRIDGE-GATES U 1-3-B3
 MILES 2-3-B3
 HANSEN TRUST 1-5-B3
 POWELL 1-33-A3
 Location: SE NE 4 T2S-R3W
 County: Duchesne State: Utah
 Prepared By: J. Kennoy Rev.: 1-25-96 KR

Buys & Associates, Inc.
 Environmental Consultants

Capacity: 8730 bbls
30 mil UV black plastic liner
7 foot deep

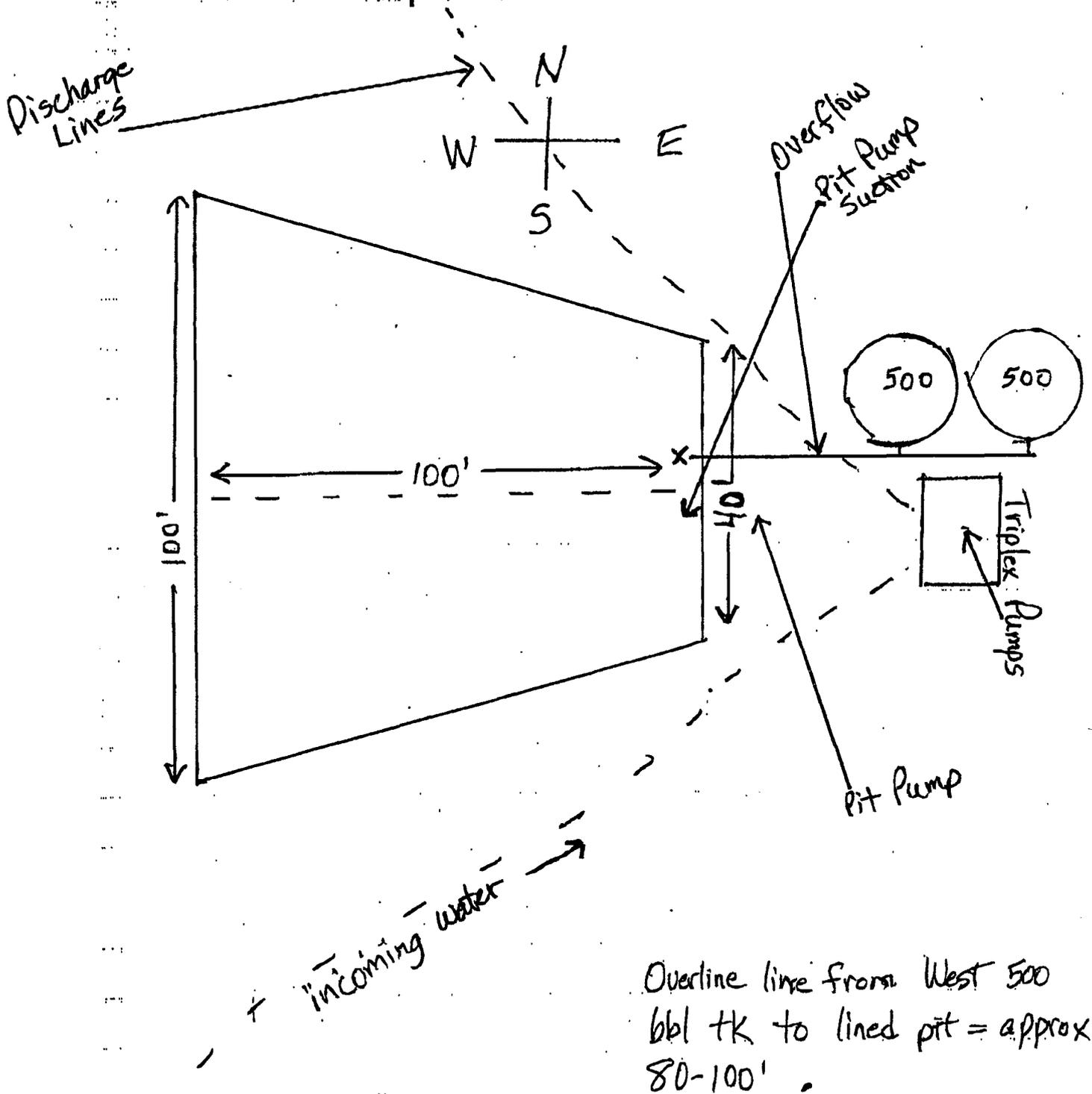


DIAGRAM 1

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

X Operator Name Change

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
FROM: (Old Operator): N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	TO: (New Operator): N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
CA No.	Unit:

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: _____ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: _____
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
 The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: MULTIPLE LEASES
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113	PHONE NUMBER: (505) 344-9380	10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: UINTAH & DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

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

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

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <i>Cheryl Cameron</i>	DATE 6/20/2006

(This space for State use only)

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

(5/2000)

(See Instructions on Reverse Side)

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

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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 GAS WELL OTHER _____

8. WELL NAME and NUMBER:

Rust 1-4B3

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, L.P.

9. API NUMBER:

4301330063

3. ADDRESS OF OPERATOR:
1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:
(303) 291-6475

10. FIELD AND POOL, OR WILDCAT:

Altamont

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2030' FNL, 660' FEL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 4 T2S R3W

STATE: UTAH

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

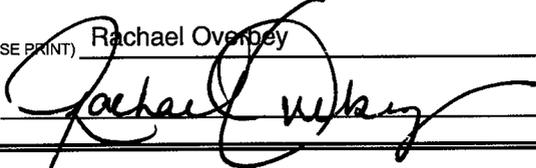
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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
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	<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 Hanson Trust 1-5B3 API# 43-013-30109 and the Lotridge Gates 1-3B3 API# 43-013-30118

NAME (PLEASE PRINT) Rachael Overbey

TITLE Engineering Tech

SIGNATURE 

DATE 7/16/2008

(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.

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Rust 1-4B3

2. NAME OF OPERATOR:
EL PASO E&P COMPANY, L.P.

9. API NUMBER:
4301330063

3. ADDRESS OF OPERATOR:
1099 18TH ST, SUITE 1900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: 6417
(303) 291-6417

10. FIELD AND POOL, OR WILDCAT:
Altamont

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2030' FNL, 660' FEL

303.291.6417

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 4 T2S R3W

STATE: UTAH

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

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

El Paso respectfully requests approval to re-shoot the existing perforations. 7751' to 7699' upper GREEN RIVER

COPY SENT TO OPERATOR

Date: 9.23.2008

Initials: KS

NAME (PLEASE PRINT) Marie O'Keefe

TITLE Sr Regulatory Analyst

SIGNATURE *Marie O'Keefe*

DATE 9/15/2008

(This space for State use only)

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

DATE: 9/16/08
BY: *[Signature]*
(See Instructions on Reverse Side)

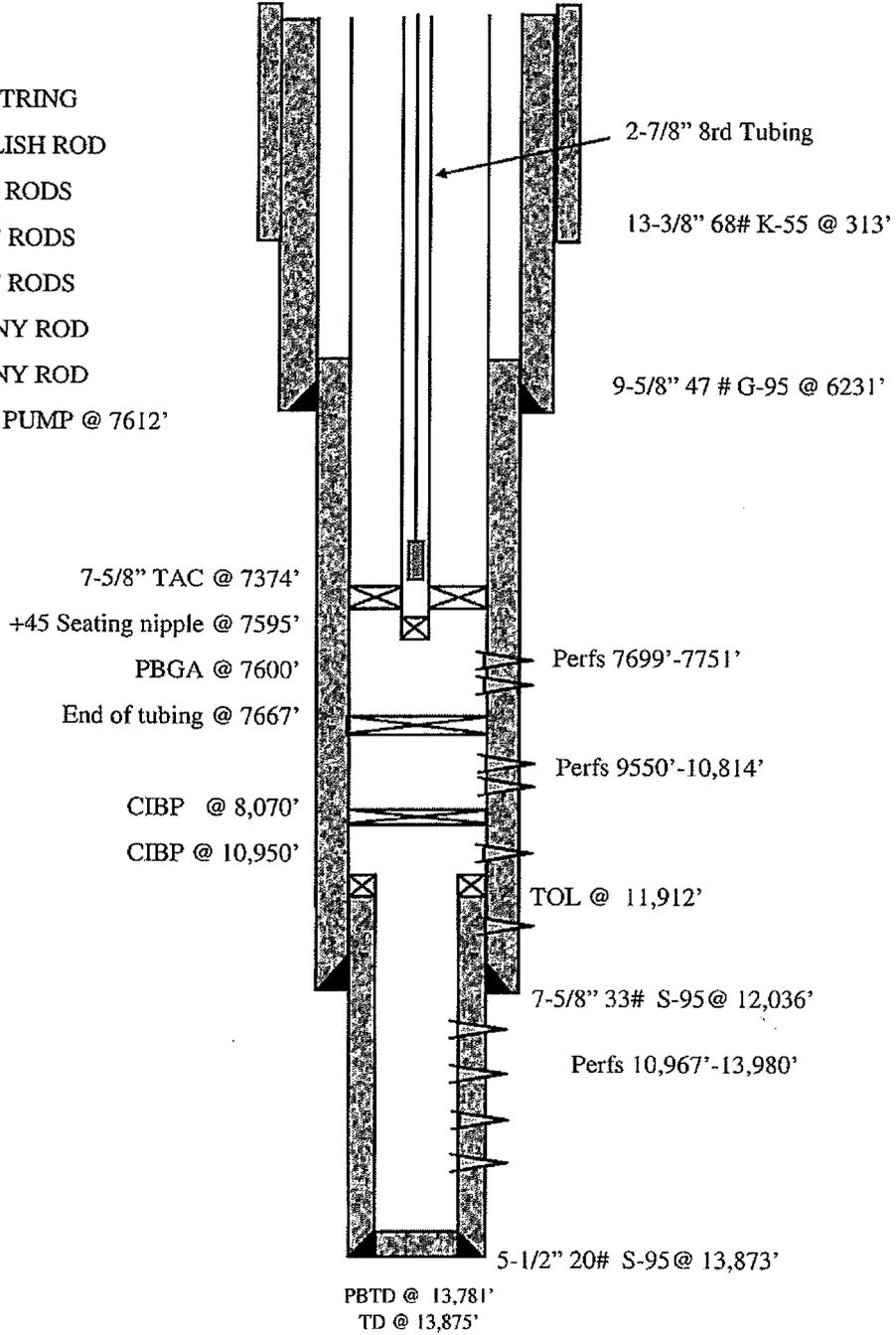
RECEIVED
SEP 15 2008
DIV. OF OIL, GAS & MINING

Wellbore Diagram

Rust 1-4B3
 Duchesne Co, Utah
 Altamont / Blue Bell Field

Current

- ROD STRING
 1 28' POLISH ROD
 105 1" RODS
 97 7/8" RODS
 100 3/4" RODS
 1 2' PONY ROD
 1 4' PONY ROD
 2 1/2X1 1/2X28 PUMP @ 7612'



7-5/8" TAC @ 7374'
 +45 Seating nipple @ 7595'
 PBGA @ 7600'
 End of tubing @ 7667'
 CIBP @ 8,070'
 CIBP @ 10,950'

2-7/8" 8rd Tubing
 13-3/8" 68# K-55 @ 313'
 9-5/8" 47 # G-95 @ 6231'
 Perfs 7699'-7751'
 Perfs 9550'-10,814'
 TOL @ 11,912'
 7-5/8" 33# S-95 @ 12,036'
 Perfs 10,967'-13,980'
 5-1/2" 20# S-95 @ 13,873'

PBTD @ 13,781'
 TD @ 13,875'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RUST 1-4B3
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013300630000
3. ADDRESS OF OPERATOR: 1099 18th ST, STE 1900 , Denver, CO, 80202	PHONE NUMBER: 303 291-6417 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 04 Township: 02.0S Range: 03.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/19/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: _____

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

EL PASO STILL PLANS TO PERFORM THE WORK APPROVED IN NOI DATED 9/16/08; RESHOOT EXISTING PREFS 7751-7699 UGR. THE NOI SHOULD NOT BE CANCELLED.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 22, 2009

NAME (PLEASE PRINT) Marie Okeefe	PHONE NUMBER 303 291-6417	TITLE Sr Regulatory Analyst
SIGNATURE N/A		DATE 6/19/2009

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

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

FROM: (Old Operator): N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038	TO: (New Operator): N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038
--	---

CA No.		Unit:			N/A			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2)Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: **Second Oper Chg**

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
See Attached

2. NAME OF OPERATOR:
El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR:
1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT:
See Attached

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **See Attached**

COUNTY:

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

STATE: **UTAH**

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

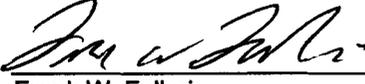
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER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

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

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

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


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


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

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez

DATE 6/22/2012

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

Rachel Medina

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
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: RUST 1-4B3
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013300630000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 04 Township: 02.0S Range: 03.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

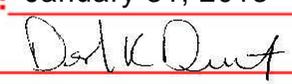
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/29/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="MIT"/>

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

See attached detailed procedure

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

Date: January 31, 2013

By: 

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/28/2013	



Rust 1-4B3

Mechanical Integrity Test

API #: 43-013- 30063

Sec. 4, T2S – R4W

Latitude = 40° 20' 21.732" Longitude = -110° 13' 12.2874"

Altamont Field

Duchesne County, Utah

Procedure

1. MIRU workover rig. RU Hot Oil Unit and pump hot water (or KCL) down backside to heat up tubing. Unseat pump and flush tubing & rods with hot water. POOH w/rods & pump.
2. Send pump in for inspection & rebuild. ND tree and NU and test BOP's to 5,000# for 10 minutes. Have test recorded and charted to be signed and dated by well site supervisor. Record BOP serial number.
3. Release tubing anchor at ~7,717" and POOH scanning tubing for wear. Lay all bad joints.
4. PU 6-1/2" RB, 7-5/8" 33# casing scraper, 2 x 3 1/2" drill collars on 2 7/8" tubing. Hydro test tubing to 7,000# while RIH. Work down to ~7,700' and attempt to establish circ with 2% KCL, circ until returns clean. POOH. If perforations take fluid on way in, mix a 10 bbl HEC pill and circulate around or spot as needed. Keep wellbore full.
5. Notify UDOGM rep of upcoming MIT. (see attached contact info)
6. PU 7-5/8" 33# Retrieval Packer (Arrowset or Baker Model "R") on 2 7/8" tubing. RIH to $\pm 7,650'$ and set packer. Test backside to 1,000# for 30 mins. Have test recorded and charted and signed and dated by well site supervisor.
7. If casing fails MIT, begin isolation testing to identify leak(s) documenting pressures and injection rates.
8. Report results to Houston to discuss plans going forward
9. POOH w/ packer. LD 2 7/8" tubing, leaving 2,000' in the derrick.
10. PU 2 7/8" "X" profile seating nipple on 2,000' of 2 7/8" tubing. Hang off.
11. ND BOPs and NU tree. Secure well.
12. RD&MO service rig. Clean location.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RUST 1-4B3
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013300630000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 04 Township: 02.0S Range: 03.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/27/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Approved by the Utah Division of Oil, Gas and Mining

Date: September 03, 2013

By: *D. K. Duff*

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 8/27/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013300630000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #1A: A 100' cement plug (± 24 sx) shall be spotted on the CIBP @ 8070' to isolate the Lower Green River/Wasatch spaced interval open to the wellbore below the CIBP.**
- 3. Add Plug #2B: A 200' cement plug shall be balanced from 3000' to 2800' to isolate the Base of Moderately Saline Ground Water and the offset Salt Water Disposal zones as required by R649-3-24-3.3.**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

9/3/2013

Wellbore Diagram

r263

API Well No: 43-013-30063-00-00 Permit No: Well Name/No: RUST 1-4B3
 Company Name: EP ENERGY E&P COMPANY, L.P.
 Location: Sec: 4 T: 2S R: 3W Spot: SENE
 Coordinates: X: 566183 Y: 4465696
 Field Name: ALTAMONT
 County Name: DUCHESNE

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (gct)
HOL1	313	17.5			
COND	313	13.325	68		
HOL2	6231	12.25			
SURF	6231	9.625	47		2.433
HOL3	12036	8.5			
HOL4	12036	7.625	33.7		4.006
L1	13983	6.5			
L1	13980	5.5	20		

Cement Information

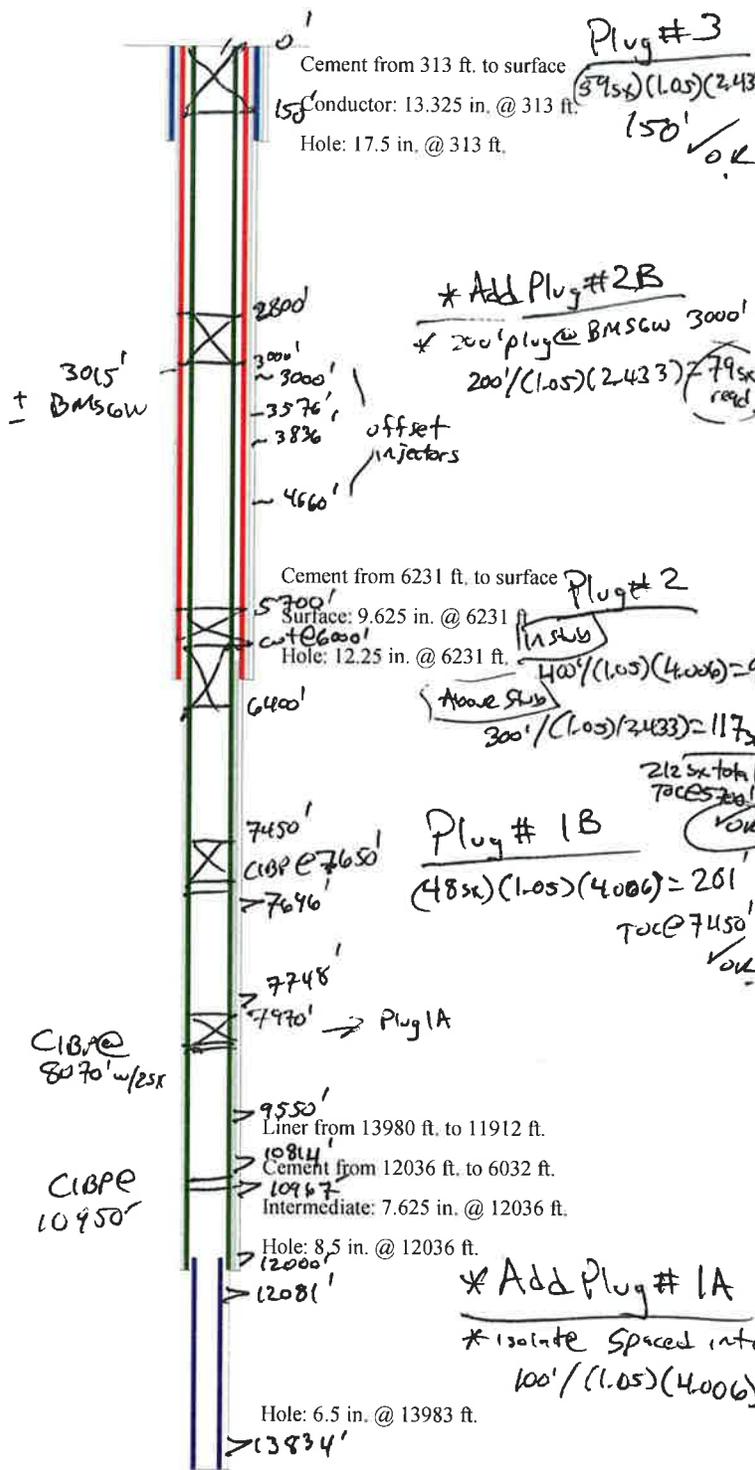
String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	313	0	G	450
II	12036	6032	PC	700
II	12036	6032	G	200
L1	13980	11912	PC	50
L1	13980	11912	G	160
SURF	6231	0	50	350
SURF	6231	0	G	375

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
7696	7748			
9550	10814			
10967	12000			
12081	13834			

Formation Information

Formation	Depth
GRRV	6077
WSTC	11030
BMSGW	3015



TD: 13983 TVD: PBTD:



7/25/2013

Rust 1-4B3

API # 43-013-30063

Altamont Field – Duchesne County, Utah

SE/4 – NE/4

Section 4, T 2 S, R 3 W

2030' FNL & 660' FEL

Lat. = 40°20'21.732" Long. = -110°13'12.2874"

Regulatory

Plug & Abandonment Procedure

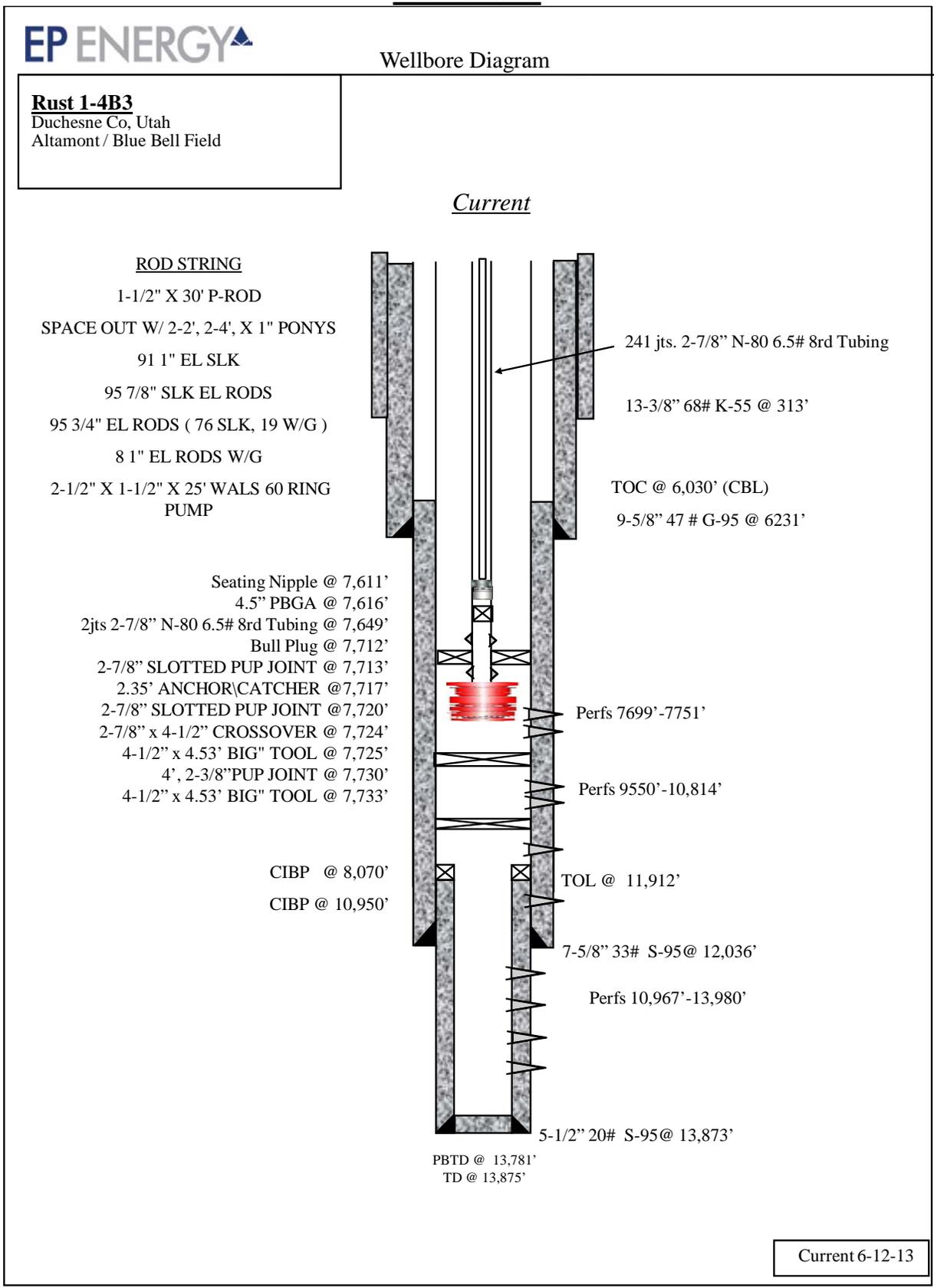
AFE – Pending

CURRENT STATUS:

This well has been shut-in since October 2009 with +/- 241 jts 2-7/8" N-80 8rd tubing & BIG TOOL @ 7,733'.

BI	Unknown	Casing Fluid	Produced Fluid
BI	Unknown	TD:	13,875'
SI	Unknown	PBTD:	8,070'
SI	Unknown	KB:	6,121'
		GL:	6,096'
		KB-GL:	25'

Current WBD



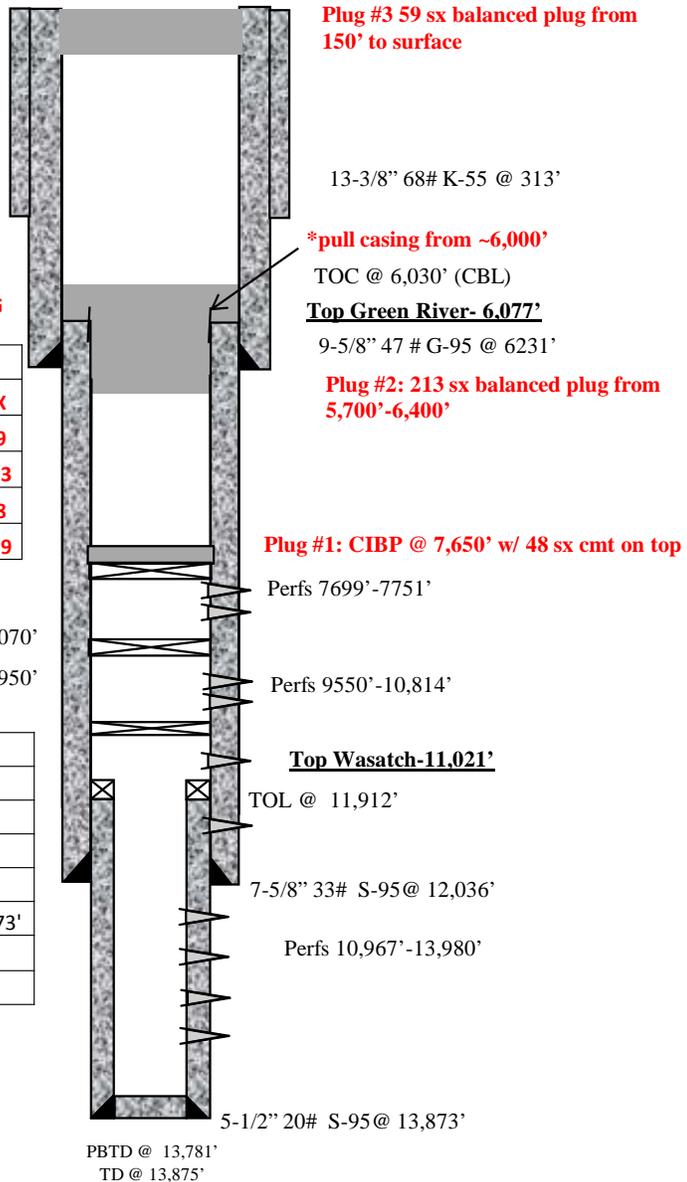
Proposed P&A



Wellbore Diagram

Rust 1-4B3
 Duchesne Co, Utah
 Altamont / Blue Bell Field

Proposed P&A



***Cement to be used: 16.4ppg, 1.05 yield Class G cement**

Plug Summary					
	Bottom	Top	Length	BBLs	SX
Plug # 3	150	0	150	11	59
Plug # 2	6400	5700	700	40	213
Plug # 1	7650	7450	200	9	48
Total:				62	319

CIBP @ 8,070'
 CIBP @ 10,950'

Casing and Cementing Data			
Hole Size	12-1/4"	8-5/8"	
Casing OD	9-5/8"	7-5/8"	5-1/2"
Casing Wt	47#	33#	20#
Grade	G-95	S-95	S-95
Depth	6,231'	12,036'	11,912'-13873'
Cmt Info	725sx	700 sx	210 sx
Casing ID	8.681	6.765	4.778

P&A 7-25-13



7/25/2013

Material	Description	Burst (100%)	Col (100%)	ID	Drift ID	Capacity (bbl/ft)	TOC
Surface Casing	9-5/8" 47# G-95 @ 6,231'	8150	5080	8.681	8.525	0.0732	Surface
Intermediate Casing	7-5/8" 33# S-95 @ 12,036'	9380	8,800	6.765	6.640	0.0445	TOC @ 6,030'
Production Liner	5-1/2" 20# S-95 @ 11,912'-13,873'	10680	10630	4.778	4.653	0.0222	TOL
Production Tubing	2-7/8" 6.5# N-80 8rd	10570	11160	2.441	2.347	0.0058	N/A

Tubular Data

Plug & Abandonment Procedure

- Testing tubing, use workstring and use CIBP/CICR as per Magna's recommendation.
1. Notify **Dan Jarvis w/ UDOGM @ 801-538-5338** and BLM of P&A operations **at least 24 hours** prior to start of well work (See Contact List).
 2. MIRU workover rig. RU Hot Oil Unit and pump hot water down 2-7/8" tbg to heat up tubing. Unseat pump and flush tubing & rods with hot water. POOH w/rods & pump.
 3. Send pump in for inspection & rebuild. ND tree and NU and test BOP's to 5,000# for 10 minutes. Have test recorded and charted to be signed and dated by well site supervisor. Record BOP serial number.
 4. Release tubing anchor at ~7,717' and POOH w/241 jts 2-7/8" tbg, scanning for tubing for wear. Lay out all bad joints. Check for NORM (*If no NORM is found, note it in the daily report; If NORM is found in the tubing; Follow EP Energy procedures and chain of custody paperwork for handling, wrapping and transporting NORM tubing to a proper cleaning or disposal site).
 5. MIRU E-line, RIH w/ GR (check min setting OD on CICR/CIBP to be ran) to 7,700', if tag reach 7,700' then processed to Step 7, otherwise continue with procedure. RD E-line
 6. PU 6-1/2" RB, 7-5/8" 33# casing scraper, 2 x 3 1/2" drill collars on 2 7/8" tubing (or 2-3/8 workstring). Work down to **~7,700** and attempt to establish circ with FSW, circ until returns clean. POOH. If perforations take fluid on way in, mix a 10 bbl HEC pill and circulate around or spot as needed.

Plug #1

7. PU & MU a 7-5/8"- (33#) mechanical set CIBP on the work-string and TIH to $\pm 7,650'$. Set **CIBP @ $\pm 7,650$** (above top of perms @ 7,699'). Get off of CIBP & establish circulation.
8. Mix cement plug with **± 48 sacks (± 9 bbls)** of 16.4ppg 1.05 yield Class G cement. Lay in a **$\pm 200'$** balanced cement plug from **7,650' to 7,450'** on top of the CIBP.
9. PU above cement and Reverse circulate the hole clean; Monitor surface samples of cement to determine when the cement has set up. WOC.
10. Run back in and tag plug. If tag is lower than top of proposed plug, contact Houston.



7/25/2013

11. Test casing & CIBP to 1,000# watch for leak off for 15 min.
12. Circulate around non-corrosive fluid to 6,400'. POOH
13. MIRU E-line. PU & MU free point tool & check where csg is free. POOH. If csg free above 6,000' continue with procedure otherwise contact Houston.
14. PU & MU 7-5/8" jet-cutter assembly; Test lubricator to 250psig/3000psig; RIH to $\pm 6,400'$; Pressure up to 500psig on casing and jet **cut 7-5/8" casing at $\pm 6,000'$** ($\sim 231'$ above surface casing shoe @ 6,231'); POOH. RD ELU.
15. Establish circulation down the 7-5/8" and up the 7-5/8" by 9-5/8" annulus.
16. RU 7-5/8" casing handling equipment; PU & MU casing spear on tbq; Land and set the 7-5/8" csg spear
17. POOH & LD 6,000' of 7-5/8" csg.
18. Check for Norm.

Plug #2

19. RIH open ended w/ workstring to 6,400'.
20. Mix cement plug with **± 213 sacks (± 40 bbbls)** of 16.4ppg 1.05 yield Class G cement. Lay in a **$\pm 700'$** balanced cement plug from **6,400' to 5,700'** (across surface casing shoe @ 6,231' & above Top of Green River @ 6,077').
21. PU above cement and reverse circulate the hole clean; Monitor surface samples of cement to determine when the cement has set up. WOC.
22. Run back in and tag plug. If tag is lower than top of proposed plug, contact Houston.
23. Circulate around non-corrosive fluid to 150'. POOH

Plug #3

24. RIH open ended to 150'. Mix and circulate a **$\pm 150'$** balanced cement plug from 150' to surface with **± 59 sacks (± 11 bbbls)** of 16.4ppg 1.05 yield Class G cement. Pump cement from surface until cement returns up the backside. POOH. With 1 jt left, circ around fresh water @ top 5'. WOC; Monitor surface samples of cement to determine when the cement has set up.
25. RU casing cutting equipment; Cut the remaining casing at $\geq 3'$ below GL
26. Weld and install dry hole plate. Dry hole plate is to include the following:

1. Well Name:	<u>Rust 1-4B3</u>
2. Operator Name :	<u>EP Energy</u>
3. API Number:	43-013-30063
4. Location:	<u>SE/4 NE/4 - 4, T 2 S, R 3 W</u>

27. RD&MO rig & clean up location
28. Restore location as directed



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1627

Ms. Maria Gomez
EP Energy E&P Company, LP.
1001 Louisiana
Houston, TX 77002

43 013 30063
Rust 14B3
4 2S 3W

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Gomez:

As of April 2014, EP Energy E&P Company, LP (EP) has twenty-seven (27) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Two (2) wells in 2013 and four (4) wells in 2014 were added to EP's SI/TA list.

The Division has worked with EP for many years to reduce the immense number of wells that were in non-compliance status. The Division feels that EP's SI/TA list is now at a manageable number; therefore all wells need to be addressed.

EP has a number of wells that were proposed for plugging (attachment A) but have not been plugged. Additionally, four (4) wells were inspected and reported as plugged by Division inspectors, but EP has failed to file subsequent plugging sundries and consequently are still listed as SI/TA (attachment A).

It has also come to the Division's attention that there are unresolved complaints against EP from landowners concerning spills and site access. Specifically with reference to the Christensen 3-4B4, pictures showing the state of the well were sent to the Division; it appears that this well is nowhere near being capable of production. This is cause for concern which needs to be addressed.

EP shall immediately submit plans and timeframes for each well stating which wells will be plugged, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Proposed PA	Plugged
1	CEDAR RIM 2	43-013-30019	FEE	12 years 7 months	Needs subsequent	7/17/2013
2	CHRISTENSEN 3-4B4	43-013-31142	FEE	10 years 4 month	5/10/2010	
3	DRY GULCH 1-36A1	43-047-30569	FEE	22 years 1 moth		
4	LARSEN 1-25A1	43-047-30552	FEE	10 years 11 months		
5	FARSWORTH 2-12B5	43-013-31115	FEE	10 years 5 months	5/18/2007	
6	BROTHERSON 1-10B4	43-013-30110	FEE	9 years 11 months		
7	BROTHERSON 1-24B4	43-013-30229	FEE	8 years 11 months		
8	BROTHERSON 1-33A4	43-013-30272	FEE	7 years 1 month		
9	MILES 2-35A4	43-013-31087	FEE	6 years 11 months	12/31/2012	
10	SMB 1-10A2	43-013-30012	FEE	4 years 8 months		
→ 11	RUST 1-4B3	43-013-30063	FEE	4 years 7 months	Needs subsequent	9/19/2013
12	SMITH ALBERT 2-8C5	43-013-30543	FEE	4 years 9 months	Needs subsequent	12/4/2013
13	VODA JOSEPHINE 2-19C5	43-013-30553	FEE	4 years 9 months		
14	BROWN 2-28B5	43-013-30718	FEE	4 years 3 months		
15	HANSUKUTT 2-23B5	43-013-30917	FEE	4 years 8 months	Needs subsequent	10/24/2013
16	BROTHERSON 3-23B4	43-013-31289	FEE	4 years 9 months		
17	BROTHERSON 1-14B4	43-013-30051	FEE	3 years 11 months		
18	BROTHERSON 2-3B4	43-013-31008	FEE	3 years 6 months		
19	POWELL 2-33A3	43-013-30704	FEE	3 years 1 month	6/1/2014	
20	BROTHERSON 2-3B4	43-013-31008	FEE	3 years 3 months		
21	DASTRUP 2-30A3	43-013-31320	FEE	3 years 8 months		
22	R HOUSTON 1-22Z1	43-013-30884	FEE	2 years 3 months		
23	HORROCKS 5-20A1	43-013-34280	FEE	4 years 7 months		
24	BELCHER 2-33B4	43-013-30907	FEE	1 year 2 months		
25	CEDAR RIM 2A	43-013-31172	FEE	2 years 2 months		
26	EULA-UTE 1-16A1	43-013-30782	FEE	1 year 11 months		
27	HANSEN 1-16B3	43-013-30617	FEE	1 year 8 months		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: RUST 1-4B3
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013300630000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 04 Township: 02.0S Range: 03.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/30/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Tagged a CIBP @ 8070'. Pumped 26 sx balanced plug. Tagged cmt @ 7950' (120'). Set CICR @ 7640'. Pressure tested casing to 1000 psi. Tested good. Spot 50sx cmt for a 245' balanced plug TOC @ 7400'. Shot 4 holes in 7 5/8" casing @ 250' to relieve pressure between 7 5/8" & 9 5/8" casing. Cut window in 13 3/8" casing & 9 5/8" and dropped 7 5/8" csg. Received approval from Dennis Ingram to cut csg @ ~2750'. Cut csg @ 2744'. TIH to 6335' open ended. Pumped 55sx of cmt balanced plug. Tagged plug @ 6145' for a 190' plug. Tubing to 2998' and pumped 110 sx cmt balanced plug. Tagged cmt @ 2650' for a 348' plug. 94' of cmt above 7" csg stub. Tubing to 157' & pumped 84 sx cmt balanced plug to surface. Cut off 13 3/8" & 9 5/8" csg and cut wellhead off. Pumped 50 sx cmt between 9 5/8" & 13 3/8". Weld on wellbore marker. SEE ATTACHED FOR DETAILS.

**Accepted by the
Utah Division of
Oil, Gas and Mining**
FOR RECORD ONLY
 February 04, 2015

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 9/2/2014	

CENTRAL DIVISION

ALTAMONT FIELD

RUST 1-4B3

RUST 1-4B3

P&A LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General**1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	RUST 1-4B3		
Project	ALTAMONT FIELD	Site	RUST 1-4B3
Rig Name/No.	MAGNA/026	Event	P&A LAND
Start Date	9/16/2013	End Date	10/1/2013
Spud Date/Time	6/9/1971	UWI	004-002-S 003-W 30
Active Datum	KB @6,121.0ft (above Mean Sea Level)		
Afe No./Description	161534/49280 / RUST UNIT 1-4 B3		

2 Summary**2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
9/18/2013	6:00 8:00	2.00	WBREMD	28		P		MOVE IN EQUIPMENT (HOLD SAFETY MEETING. RIGGING DOWN PUMPING UNIT) FILL OUT AND REVIEW JSA'S
	8:00 13:00	5.00	WBREMD	30		P		RIG DOWN AND MOVE PUMPING UNIT. PUMPED 85 BBLS TPW DOWN CASING @ UP TO 1000 PSI
	13:00 18:00	5.00	WBREMD	54		N		WORK ON HYDROMATIC
9/19/2013	6:00 11:30	5.50	MIRU	54		N		WAIT ON RIG REPAIR
	11:30 12:00	0.50	MIRU	28		P		CREW TRAVEL, SAFETY MEETING. (RIGGING UP) START PUMPING DOWN CASING. FILL OUT AND REVIEW JSA
	12:00 13:00	1.00	MIRU	01		P		RIG UP RIG
	13:00 17:00	4.00	PRDHEQ	39		P		PICK UP ON RODS AND WHILE WORKING PUMP OFF SEAT RODS PARTED. POOH WITH 67 RODS TO PART (PIN PULLED OUT OF BOX). MAKE UP OBANNON FISHING TOOL AND TIH TO ENGAGE FISH. CATCH FISH AND ATTEMPT TO WORK OFF SEAT. PULLED OFF FISH. POOH WITH FISHING TOOL .
	17:00 17:30	0.50	PRDHEQ	18		P		SECURE WELL SHUT DOWN FOR DAY
9/20/2013	6:00 9:30	3.50	PRDHEQ	28		P		CREW TRAVEL, SAFETY MEETING (FISHING RODS AND NIPPLING UP BOP, HANGING SHIEVES, WORKING WITH ELECTRIC CABLE) FILL OUT AND REVIEW JSA. HOT OIL TRUCK STARTED CIRCULATING WELL @ 5:00
	9:30 11:30	2.00	PRDHEQ	52		P		TIH WITH 2 5/16" X 2" OBANNON FISHING TOOL AND ENGAGE FISH. ATTEMPT TO WORK PUMP OFF SEAT. OVERSHOT SLIPPED OFF FISH
	11:30 12:30	1.00	PRDHEQ	24		P		POOH WITH RODS LAYING DOWN 67 1" RODS AND FISHING TOOLS
	12:30 14:30	2.00	PRDHEQ	16		P		NIPPLE DOWN WELLHEAD AND STRIP BOP AND HYDRILL ON. RIG UP RIG FLOOR
	14:30 16:00	1.50	PRDHEQ	18		P		WORK TAC FREE, RIGGING UP POWER SWIVEL TO ASSIST
	16:00 16:30	0.50	PRDHEQ	18		P		HANG TWO SHIEVES AND RIG UP SPOOLERS
	16:30 17:30	1.00	PRDHEQ	39		P		POOH WITH 54 JOINTS 2 7/8" TUBING FINDING FISH TOP. SECURE WELL.
	17:30 18:00	0.50	PRDHEQ	18		P		WASH UP RIG FLOOR AND EQUIPMENT SHUT DOWN FOR DAY
9/21/2013	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL, SAFETY MEETING (STRIPPING AND BACKING OFF RODS. POOH WITH SUB CABLE. BODY POSITIONING. OVER HEAD LOADS) FILL OUT AND REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30 11:00	3.50	PRDHEQ	24		P		OPEN WELL, WHILE PICKING ON RODS TO BACK OFF PUMP CAME OFF SEAT. POOH LAYING DOWN RODS AND PUMP.
	11:00 13:00	2.00	PRDHEQ	06		P		CIRCULATE WELL CLEAN WITH TPW
	13:00 16:00	3.00	PRDHEQ	39		P		FINISH PULLING OUT OF HOLE WITH TUBING CABLE, BOTTOM HOLE ASSEMBLY AND BIG TOOL. LAY DOWN BOTTOM HOLE ASSEMBLY
	16:00 18:00	2.00	PRDHEQ	16		P		RIG DOWN FLOOR, NIPPLE DOWN BOP AND HYDRIL, NIPPLE UP MAGNA BOP, RIG UP FLOOR TO RUN TUBING. SECURE WELL SHUT DOWN FOR DAY
9/22/2013	6:00 6:00	24.00	WBREMD	18		P		DOWN FOR WEEKEND
9/23/2013	6:00 6:00	24.00	WBREMD	18		P		DOWN FOR WEEKEND
9/24/2013	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING. (RUNNING TUBING AND PUMPING CEMENT
	7:30 10:00	2.50	WBREMD	39		P		PICK UP 6 5/8" ROCK BIT AND BIT SUB AND TRIP INTO WELL WITH TUBING TAGGING CIBP @ 8070
	10:00 11:00	1.00	WBREMD	05		P		FILL WELLBORE WITH 60 BBLS TPW AND PUMP A 26 SACK 16.4 PPG 1.05 YIELD CLASS G CEMENT BALANCED PLUG
	11:00 11:30	0.50	WBREMD	39		P		POOH WITH 1000' TUBING
	11:30 14:00	2.50	WBREMD	06		P		CIRCULATE WELLBORE CLEAN WHILE WAITING ON CEMENT
	14:00 17:00	3.00	WBREMD	39		P		TRIP INTO WELL AND TAG CEMENT @7950' FOR A 120' PLUG.. LAY DOWN 400' OF TUBING AND POOH WITH TUBIN AND ROCK BIT. SECURE WELL
9/25/2013	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING. (RUNNING INTO WELL WITH CICR, PUMPING CEMENT. DIGGING OUT CELLAR) FILL OUT AND REVIEW JSA
	7:30 9:30	2.00	WBREMD	27		P		BLEED OFF CASING AND PICK UP 7 5/8" CICR. TRIP INTO WELL AND SET CICR @ 7640'
	9:30 10:30	1.00	WBREMD	05		P		FILL CASING WITH 60 BBLS AND CIRCULATE WITH 50 BBLS TPW. PRESSURE TEST CASING TO 1000 PSI. TEST GOOD; BLEED CASING OFF AND SPOT A 50 SACK 16.4 PPG 1.05 YIELD CLASS G CEMENT BALANCED PLUG. POOH WITH 1000' TUBING
	10:30 14:00	3.50	WBREMD	41		P		CIRCULATE WELLBORE CLEAN WITH CI TREATED TPW
	14:00 16:00	2.00	WBREMD	39		P		TRIP INTO WELL AND TAG CEMENT @ 7400' FOR A 245' PLUG. LAY DOWN 1000' TUBING AND POOH WITH TUBING
	16:00 19:00	3.00	WBREMD	18		P		RIG DOWN RIG FLOOR AND PREPARE TO CUT CASING. SECURE WELL SHUT DOWN FOR DAY
9/26/2013	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL SAFETY MEETING. RIGGING UP E/L TRUCK. RIGGING DOWN CASING SPOOLS) FILL OUT AND REVIEW JSA
	7:30 9:30	2.00	WBREMD	21		P		RIG UP ELECTRIC LINE AND SHOOT 4 HOLES IN 7 5/8" CASING @ 250' TO RELIEVE PRESSURE BETWEEN 7 5/8" AND 9 5/8" CASING. BLEED CASING DOWN.
	9:30 11:30	2.00	WBREMD	16		P		FILL OUT HOT WORK PERMIT. CUT WINDOW IN 13 3/8" CASING AND 9 5/8" CASING AND DROP 7 5/8" CASING. NIPPLE DOWN BOP AND CASING SPOOL
	11:30 13:30	2.00	WBREMD	18		P		RIG UP ELECTRIC LINE AND FREE POINT CASING FINDING 100% STUCK @ 3000', 80% FREE @ 2800' AND 100% FREE @ 2750'. RECEIVE PERMISSISON FROM DENNIS INGRAM WITH STATE OF UTAH DOGMA TO CUT CASING @ ~2750'
	13:30 14:30	1.00	WBREMD	18		P		TIH AND CUT CASING @ 2744'
	14:30 15:30	1.00	WBREMD	18		P		RIG UP AND START TO POOH WITH CASING
	15:30 17:00	1.50	WBREMD	18		N		FOUND CASING WITH INTEGRAL THREADS AND NO COLLARS. HUNG CASING OFF IN SLIPS AND SECURED WELL. ORDERED PROPER EQUIPMENT TO LAY DOWN CASING FOR AM
9/27/2013	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING (LAYING DOWN CASING USING BIG ELEVATORS) FILLOUT AND REVIEW JSA

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	7:30 12:30	5.00	WBREMD	24		P		RIG UP NEW 7 5/8" ELEVATORS. LAY DOWN 2700' OF CASING
	12:30 13:30	1.00	WBREMD	18		P		RIG DOWN ELEVATORS AND NIPPLE UP WELLHEAD AND BOPS
	13:30 15:00	1.50	WBREMD	39		P		RIG UP RIG FLOOR AND TIH TO 6335' OPEN ENDED
	15:00 16:30	1.50	WBREMD	05		P		RIG UP AND PUMP 55 SACK 16.4 PPG 1.05 YIELD CLASS G CEMENT BALANCED PLUG. POOH WITH 1000' OF TUBING AND CIRCULATE CLEAN. SECURE WELL. SHUT DOWN FOR DAY
9/28/2013	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING. LAYING DOWN TUBING AND PUMPING CEMENT) FILL OUT AND REVIEW JSA
	7:30 8:00	0.50	WBREMD	39		P		TRIP INTO WELL AND TAG PLUG 3 @ 6145' FOR A 190' PLUG
	8:00 9:30	1.50	WBREMD	24		P		LAY DOWN TUBING TO 2998'
	9:30 10:30	1.00	WBREMD	05		P		PUMP A 110 SACK 16.4 PPG 1.05 YIELD CLASS G CEMENT BALANCED PLUG
	10:30 14:00	3.50	WBREMD	41		P		WAIT ON CEMENT
	10:30 11:00	0.50	WBREMD	39		P		POOH WITH TUBING TO 2000'
	14:00 14:30	0.50	WBREMD	39		P		TRIP INTO WELL AND TAG CEMENT @ 2650 FOR A 348' PLUG. 94' OF CEMENT ABOVE 7" CASING STUB
	14:30 16:00	1.50	WBREMD	24		P		LAY DOWN TUBING. RIG DOWN RIG FLOOR AND BOP.
	16:00 17:00	1.00	WBREMD	05		P		TIH WITH 5 JOINTS TUBING TO 157' AND PUMP 84 SACK 16.4 PPG 1.05 YIELD CLASS G CEMENT BALANCED PLUG TO SURFACE. POOH WITH TUBING. TOP OFF WELLBORE WITH CEMENT. SHUT DOWN FOR DAY
9/29/2013	6:00 6:00	24.00	WBREMD	18		P		DOWN FOR WEEKEND
10/1/2013	7:00 7:30	0.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING (CUTTING OFF WELLHEAD, RIGGING DWN RIG0 FILL OUT AND REVIEW JSA
	7:30 11:00	3.50	WBREMD	18		P		DIG AROUND SURFACE CASING, CUT OFF 13 3/8 AND 9 5/8 CASING AND CUT WELLHEAD OFF
	11:00 13:00	2.00	WBREMD	05		P		PUMP 50 SACKS 16.4 CLASS 1.05 YIELD G CEMENT IN BETWEEN 9 5/8" CASING AND 13 3/8" .RIG DOWN RIG
	13:00 15:30	2.50	WBREMD	18		P		LET CEMENT DRY AND, WELD ON WELLBORE MARKER. BACK FILL CELLAR, RACK OUT EQUIPMENT AND MOVE OUT

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LEASE AGREEMENT

This Lease Agreement (the "Agreement") made and entered into this 18 day of Sep., 2014, but effective as of September 29, 2013 ("Effective Date"), by and between Jon E. Miles & Elizabeth M. Miles, a Utah Joint Tenancy, whose address is HC 65 Box 62, Bluebell, UT 84007 (collectively, "Owner") and EP Energy E&P Company, L.P., a Delaware limited partnership, whose address is 1001 Louisiana St., Houston, Texas 77002 ("Operator"). Operator and Owner may be referred to individually as a "Party" or collectively as the "Parties."

WHEREAS, Operator is presently operating a saltwater transfer station and related facilities on the Subject Land (defined below), and desires to continue to operate such facilities. The facilities were built and are presently being operated by Operator pursuant to that certain Damage Settlement and Release effective December 20, 2013, by and between Owner and EP Energy.

NOW, THEREFORE, Parties for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, do hereby agree as follows:

1.

For the consideration set forth and the mutual covenants herein contained, Owner has leased, demised, and rented and does hereby lease, demise and rent unto Operator for the purposes and during the term specified the following described property in Duchesne County, Utah:

A TRACT IN THE SOUTH HALF (S/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION FOUR (4), TOWNSHIP TWO (2) SOUTH, RANGE THREE (3) WEST, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

Beginning at a point that is S 25°11' 17" W, 2,053.03 feet from the Northeast Corner of Section 4-2S-3W, U.S.M., thence S 24°59'45" E 509.4 feet, thence S 79°21' W 343.0 feet, thence S 85°22' W 370.5 feet, thence N 4° 38' E 261.0 feet, thence N 3°22' W 163.0 feet, thence S 87°10' E 78.5 feet, thence N 82°39' E 42.0 feet, thence N 76°29' E 71.0 feet, thence N 72°54' E 124.5 feet, thence N 65°42' E 188.21 feet to the point of beginning and containing 6.12 acres, more or less, Duchesne County, Utah (the "Subject Land")

2.

Operator shall have the sole and exclusive use and right to the occupancy of the Subject Land, with full rights of ingress and egress thereto, and may occupy and use the same for any and all lawful purposes.

3.

This Agreement shall remain in full force and effect from the Effective Date. In the event Grantee ceases to use the subject land for a period of two (2) consecutive years, then this Agreement shall terminate. Upon termination of this Agreement, Grantee shall have a period of one (1) year in which it may, but is not required to, remove, at its sole cost, risk, and expense, its personal property and equipment located on the Premises, and Grantee shall thereafter restore the Premises as near to its former condition as is reasonably practical.

4.

[REDACTED]

5.

All payments due and owing under this Agreement shall be made by Operator's check delivered or mailed to Owner at the address set out in Section 8.

5.

Owner hereby waives all claims of every nature whatsoever for damage to the Subject Land and Well, including, but not limited to, any grass, crops, livestock, and timber thereon caused by or resulting from the use by Operator of such Subject Land and Well, under the terms hereof, including, without limitation, such damage as may be caused by the construction, operation, or maintenance of Operator's facilities utilized on the Subject Land. Notwithstanding the above, it is understood and agreed that upon termination of this Agreement, Operator shall promptly, as conditions prudently allow, restore, as nearly as practicable, the portion of the Subject Land utilized for construction, operation, or maintenance by Operator to their original condition. Operator shall make such restoration within twelve (12) months of the termination date of the Agreement.

6.

Owner warrants and agrees to defend the title to the Subject Land and agrees that Operator shall have the right, but not the duty, at any time and from time to time to pay or redeem for Owner, in whole or in part, any mortgage or other lien thereon and any taxes thereon in default of payment by Owner, in which event Operator shall have the right to deduct an equivalent sum or sums from payments accruing to Owner under this Agreement, and Operator shall be subrogated to the rights of the holder of any such mortgage or lien.

7.

OPERATOR SHALL INDEMNIFY AND HOLD OWNER HARMLESS FROM AND AGAINST ALL ACTIONS, SUITS, CLAIMS AND DEMANDS BY ANY PERSON IN RESPECT TO ANY LOSS, INJURY, DAMAGE OR OTHER OBLIGATIONS ARISING OUT OF OR CONNECTED TO OPERATIONS CARRIED ON BY THE OPERATOR OR ITS AGENTS, REPRESENTATIVES AND CONTRACTORS IN, UNDER OR UPON THE SUBJECT LAND AND FACILITIES; PROVIDED, HOWEVER, SUCH INDEMNITY SHALL NOT APPLY TO SUCH ACTS OR OMISSIONS CAUSED BY OWNER'S GROSS NEGLIGENCE OR WILLFUL OWNER MISCONDUCT.

8.

All notices necessary to be given under the terms of this Agreement shall be given in writing, addressed as follows, or to such other address as either Party may designate by written notice to the other Party:

Owner: Jon E. Miles & Elizabeth M. Miles
HC 65 Box 62
Bluebell, UT 84007

Operator: EP Energy E&P Company, L.P.
Attn: Land – Altamont
P.O. Box 4660
Houston, Texas 77210-4660

All notices hereunder shall be deemed to have been given when properly addressed and deposited in the United States mail with adequate postage paid.

No change or division in the Ownership of the land covered by this Agreement or the payments due hereunder, or the right to receive same, shall be binding upon Operator until ninety

(90) days after written evidence of such new Ownership, satisfactory to Operator, has been furnished to Operator.

9.

The provisions of this Agreement shall extend to and be binding upon the Parties hereto, their heirs, successors, assigns, executors and administrators. Operator shall have the right to assign this Agreement and the rights hereunder for any period covered hereby. Any assignee shall have the same rights as Operator as to the interest assigned.

10.

Nothing herein contained shall be construed as modifying, amending, or affecting the terms and provisions of any valid and subsisting oil and gas lease covering all or part of the Subject Land.

11.

This Agreement shall constitute a covenant running with the land and shall extend to, or be binding upon, and inure to the benefit of the respective heirs, executors, administrators, successors, or assigns of the Parties, but no change in the Ownership of the Subject Land or of the right to receive the payments hereunder shall be binding upon Operator until it has been notified and furnished with proper evidence of such transfer.

12.

This Agreement constitutes the entire agreement between the Parties with respect to the Subject Land and Operator's operations. This Agreement supersedes all prior negotiations, understandings, or agreements, whether oral or written, and no modification, alteration, or amendment of this Agreement shall be binding upon the Parties unless reduced to writing and executed by the Parties.

13.

All issues arising out of this Agreement, or its validity, interpretation, performance, or breach thereof shall be governed by and construed in accordance with the laws of the State of Utah, with regard to the principles of conflicts of laws which may apply the laws of another state. Venue for any dispute under this Agreement shall be in Duchesne County, Utah.

14.

This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same agreement. Facsimile or electronic mail transmission of any signed original document, and retransmission of any signed facsimile or electronic mail transmission shall be the same as transmission of the original.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, this instrument is executed by the Parties to be effective as of the Effective Date.

OWNER:

Jon E. Miles
Jon E. Miles

Elizabeth M. Miles
Elizabeth M. Miles

OPERATOR:

EP Energy E&P Company, L.P.

Thomas L. Muchard
Name: Thomas L. Muchard
Title: Agent and Attorney-in-Fact

ACKNOWLEDGMENTS

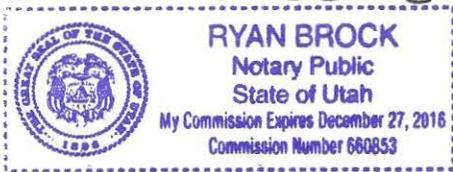
STATE OF UTAH

COUNTY OF Utah

BEFORE ME, the undersigned authority, on this day personally appeared **Jon E. Miles & Elizabeth M. Miles, a Utah Joint Tenancy**, proved on the basis of satisfactory evidence to be the person(s) whose name is subscribed to this instrument, and acknowledged they executed the same.

Given under my hand and seal this 18 day of Sep, 2014.

My commission expires: Dec 27 2016



Notary Public, State of Utah

Ryan Brock

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this day personally appeared **Thomas L. Muchard, as Agent and Attorney-in-Fact for EP Energy E&P Company, L.P.**, proved on the basis of satisfactory evidence to be the person(s) whose name is subscribed to this instrument, and acknowledged they executed the same.

Given under my hand and seal this 5th day of November, 2014.

My commission expires:

8/2/2018



Notary Public, State of Texas

Ginger M. Cearley