

FILE NOTATIONS

Entered in NTD File
Accessed
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Checked by Chief
Approval Letter
Disapproval Letter

PMB
6-5-95

COMPLETION DATA:

Date Well Completed *10-11-73*
OW..... NW..... TA.....
CW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log
Electric Logs (E.L.)
E.L. Dual I Log CR-N Micro
5RC Sonar CR Log M-L Sonic
CBLog CCLog CENSUS

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1642' FNL and 1297' FEL Sec 22
 At proposed prod. zone *NWSENE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 1/2 miles SW of Altamont

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) and lease line 1343' from property

16. NO. OF ACRES IN LEASE 960

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. 4500'

19. PROPOSED DEPTH 12,600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6278 GL (Ungraded)

22. APPROX. DATE WORK WILL START* 6-6-73

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Brotherson

9. WELL NO.
1-22B4

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4 NE/4 Section 22-T 2S-R 4W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68#	300'±	To sfc (450 sx)
12 1/4"	9 5/8"	40#	5,500'±	400 sx
8 3/4"	7"	26#	10,500'±	400 sx
6 1/8"	5" liner	18#	12,600'±	200 sx

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

139-3/139-4
OK

OK

Verbal approval to drill obtained by G. W. Van Kirk from Schereé DeRose 5-29-73.

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

24. SIGNED *[Signature]* TITLE Division Operations Engr. DATE May 31, 1973

(This space for Federal or State office use)

PERMIT NO. *43-013-30227* APPROVAL DATE

APPROVED BY _____ TITLE _____ DATE _____

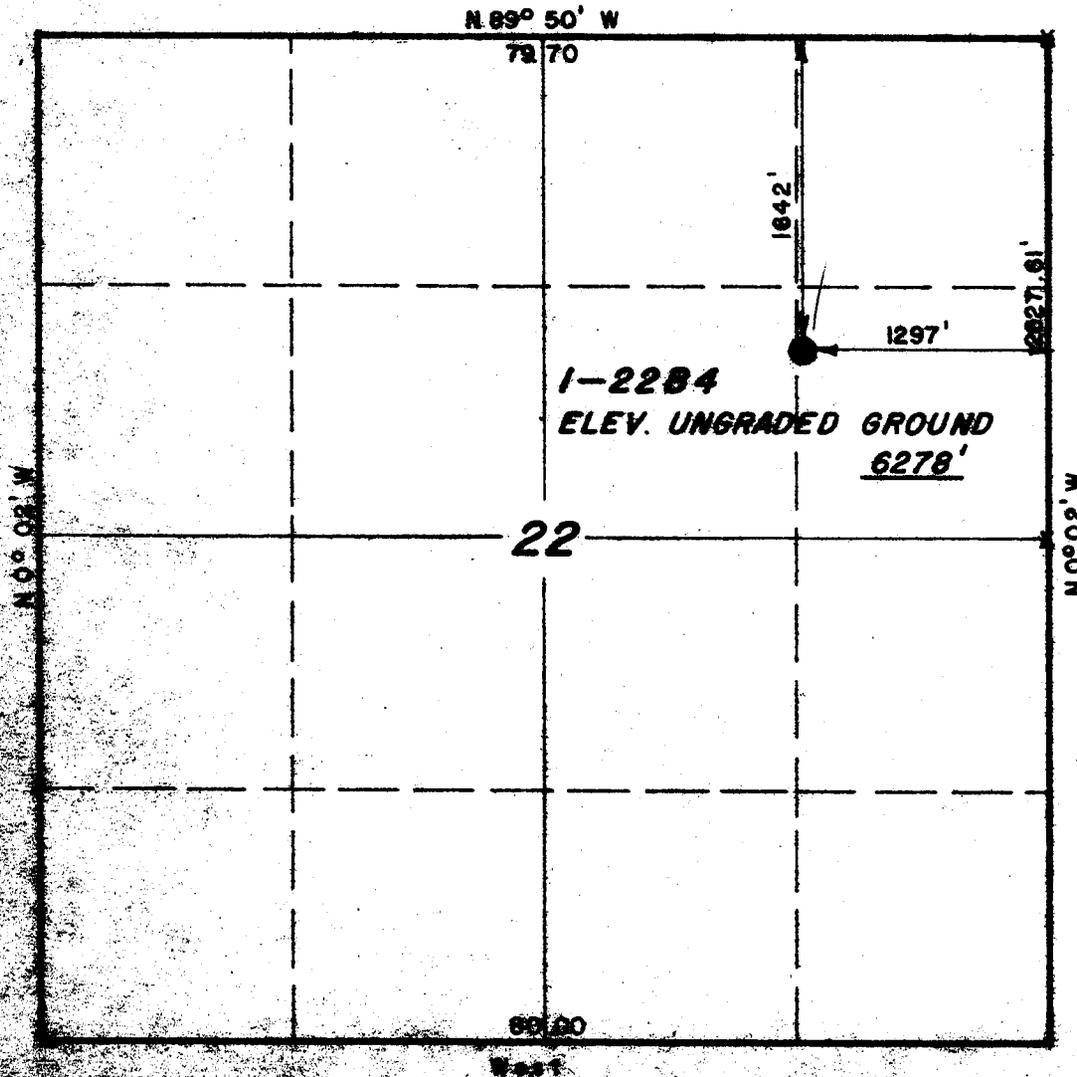
CONDITIONS OF APPROVAL, IF ANY :

PROJECT

SHELL OIL COMPANY

Well location located as shown
in the SE 1/4 NE 1/4 Section 22,
T2S, R4W, U.S.B.&M. Duchesne
County, Utah.

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



CERTIFICATE

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

Sam Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3764
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
P.O. BOX 9 - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE
1" = 100'

DATE
21 May, 1975

BY
S.S.

BY
S.S.

REVISIONS

REVISIONS

Mud System Monitoring Equipment

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

BOP Equipment

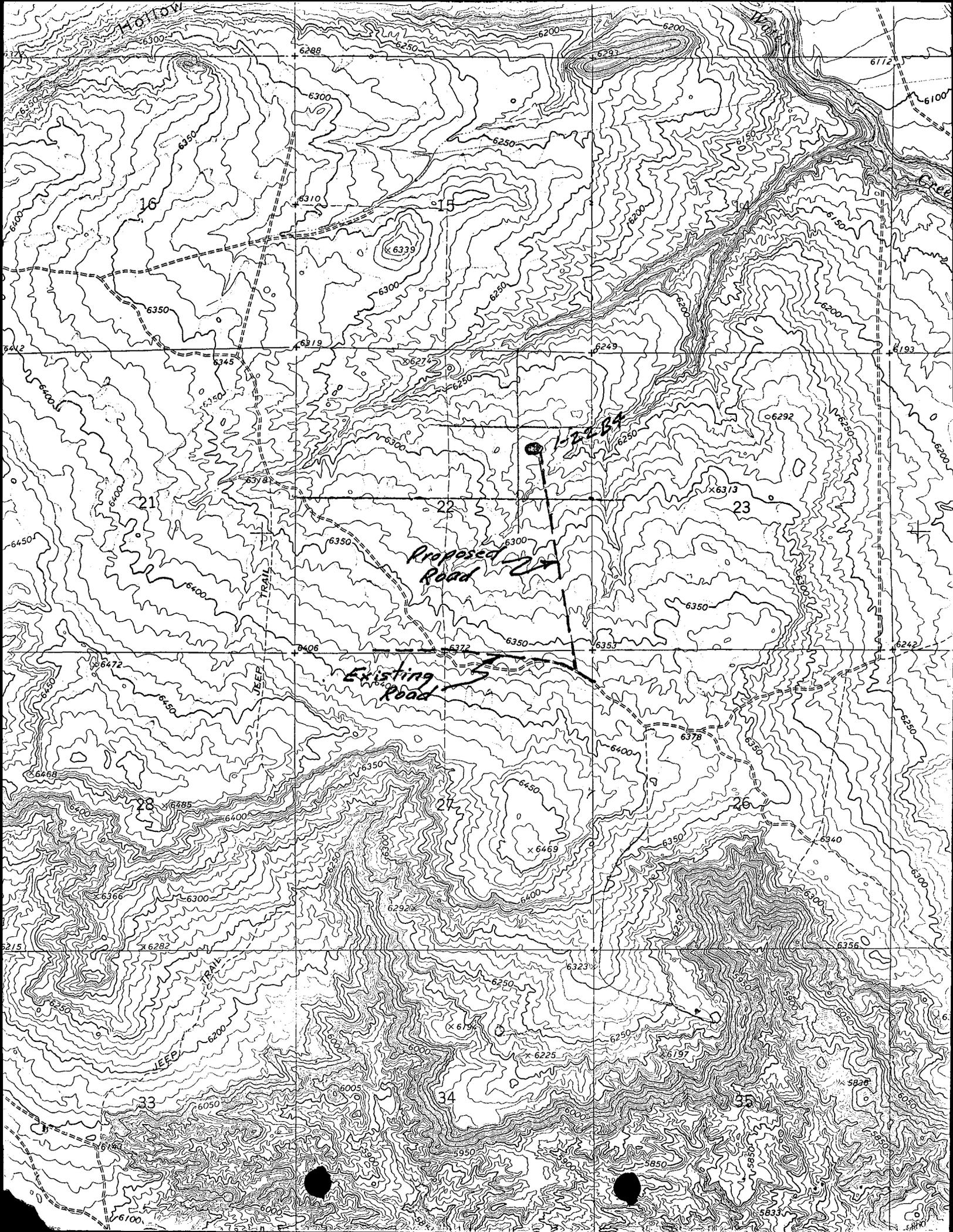
300'-5,500' - Rotating head
5,500'-TD - 3-ram type BOP's and 1 bag type
5,000# working pressure

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

Mud

Surface - 9,500' - Clear water
Circulate reserve pit
Flocculate as necessary

9,500'-TD - Weighted gel chemical



June 5, 1973

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Shell-Chevron-
Brotherson #1-22B4
Sec. 22, T. 2 S, R. 4 W,
Duchesne County, Utah

Gentlemen:

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

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

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

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

The API number assigned to this well is 43-013-30227.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

plb

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brotherson

9. WELL NO.

1-22B4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

SE/4 NE/4 Section 22-T 2S-R 4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1642' FNL and 1297' FEL Sec 22

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-302207 DATE ISSUED 6-5-73

15. DATE SPUNDED 6-11-73 16. DATE T.D. REACHED 7-23-73 17. DATE COMPL. (Ready to prod.) 10-11-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6278 GL, 6305 KB 19. ELEV. CASINGHEAD 27'

20. TOTAL DEPTH, MD & TVD 12,706 21. PLUG, BACK T.D., MD & TVD 12,685 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → Total

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch and Flagstaff perms 10,798-12,668 25. WAS DIRECTIONAL SURVEY MADE No

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	312'	17 1/2"	500 CF	0
9 5/8"	40#	5,995'	12 1/4"	860 CF	0
7"	26 & 29#	10,904'	8 3/4"	374 SX	0

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	10,760	12,705	230				

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		As per attachments	

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-11-73		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-5-73	24	13/64"	→	686	1591	48	2319
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3500	0	→	686	1591	48	43.4°	

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

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

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

SIGNED J. S. Mize TITLE Division Operations Engr. DATE 12-4-73

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. OIL WELL COMPLETE.
Potential well on 24-hr test of 11/5/73, flwg 686 BO,
48 BW and 1591 MCF gas (GOR 2319) on 13/64" chk w/3500
psi FTP and zero CP from Wasatch and Flagstaff perfs
10,798, 10,799, 10,811, 10,812, 10,813, 10,814, 10,815,
10,816, 10,827, 10,828, 10,829, 10,830, 10,831, 10,858,
10,859, 10,860, 10,881, 10,882, 10,883, 10,884, 10,894,
10,898, 10,899, 10,921, 10,922, 10,923, 10,924, 10,925,
10,926, 10,948, 10,971, 10,972, 10,973, 10,974, 10,975,
10,976, 11,022, 11,064, 11,065, 11,066, 11,131, 11,132,
11,135, 11,136, 11,137, 11,138, 11,139, 11,152, 11,153,
11,154, 11,155, 11,156, 11,194, 11,221, 11,222, 11,264,
11,265, 11,286, 11,287, 11,354, 11,441, 11,492, 11,493,
11,494, 11,495, 11,526, 11,527, 11,545, 11,582, 11,583,
11,605, 11,654, 11,655, 11,697, 11,803, 11,804, 11,805,
11,816, 11,817, 11,818, 11,827, 11,828, 11,829, 11,830,
11,865, 11,866, 11,867, 11,882, 11,887, 11,888, 11,892,
11,893, 11,894, 11,932, 11,933, 11,934, 11,935, 11,950,
11,951, 11,998, 11,999, 12,000, 12,010, 12,020, 12,053,
12,054, 12,055, 12,056, 12,057, 12,058, 12,078, 12,087,
12,088, 12,124, 12,134, 12,135, 12,136, 12,157, 12,178,
12,179, 12,180, 12,192, 12,230, 12,231, 12,288, 12,320,
12,321, 12,387, 12,388, 12,389, 12,390, 12,437, 12,438,
12,552, 12,553, 12,576, 12,577, 12,578, 12,616, 12,639,
12,665, 12,666, 12,667, 12,668.
Oil Gravity: 43.4° @ 60°F.
Compl Test Date: 11/5/73. Initial Prod Date: 10/11/73.
Elev: 6278 GL, 6305 KB.
Log Tops: TGR₃ 8,950 (-2645)
M₁ 10,503 (-4198) NOV 6 1973
WASATCH 10,729 (-4424)
FLAGSTAFF 11,072 (-4767)
M₃ 11,788 (-5483)
This well was drilled for routine development.
FINAL REPORT.

CASING AND CEMENTING

Field Altamont Well Brotherson 1-22B4

Job: 5 " O.D. Casing/Liner. Ran to 12,705 feet (KB) on 7-25, 1973

Jts.	Wt.	Grade	Thread SFJP	New	Feet	From KB	To CHF
						CHF	
		Hal Diff Shoe			2.27	12,705.00	12,702.73
3	18#	N-80	X		125.85	12,702.73	12,576.88
		Hal Diff Float			1.72	12,576.88	12,575.16
43	18#	N-80	X		1,815.00	12,575.16	10,760.00
		Burns hanger			8.00	10,760.00	10,752.00

Casing Hardware:

Float shoe and collar type Hal Diff Float and Shoe
 Centralizer type and product number 12
 Centralizers installed on the following joints 8' above shoe, 1 every 3rd jt
2 solid in liner gap
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush-Water 2 (15.3) bbls, other _____ Volume _____ bbls
 First stage, type and additives 230 sx Class "G" cem, 1% gel, .5% R-5 (2 bbls 15.3, 12 bbls
15.6, 30 bbls varying from 15.3-15.6, 6 bbls 15.6) . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

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

Remarks:

Mixed 230 sx Class "G" varying from 15.3-15.6. Displaced last 12 bbls.
at rate of 1 B/M. Bumped plug w/2500 psi 10 AM 7-25-73. Full returns.

Drilling Foreman C. R. Killen
 Date 7-25-73

CASING AND CEMENTING

Field Altamont Well Brotherson 1-22B4

Job: 7" O.D. Casing/liner Ran to 10,904 feet (KB) on 7-11, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	
	26#	Hal Diff Fill Shoe			2.45	10,904.00	10,901.55
2	26#	S-95	8rd	X	84.06	10,901.55	10,817.49
	26#	Hal Diff Fill Float Collar			1.75	10,817.49	10,815.74
36	26#	S-95	8rd	X	1520.43	10,815.74	9,295.31
228	26#	YS-95	8rd	X		9,295.31	-0-
266 jts Total							

Casing Hardware:

Float shoe and collar type Hal Diff Fill
 Centralizer type and product number B & W
 Centralizers installed on the following joints 6' Above, 1 every 120' - Total of six
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush—Water 5 bbls, other _____ Volume _____ bbls
 First stage, type and additives 54 sx BJ lite w/.1% R-5
 _____ . Weight 12.4 lbs/gal, yield 3.04
 ft³/sk, volume _____ sx. Pumpability 4 hours at _____ °F.
 Second stage, type and additives 320 sx Class "G" Neat, .3% R-5
 _____ . Weight 15.9 lbs/gal, yield 1.14
 ft³/sk, volume _____ sx. Pumpability 4 hours at _____ °F.

Cementing Procedure:

~~Rotate~~/reciprocate Reciprocated
 Displacement rate _____ Final rate - 2 B/M
 Percent returns during job 100%
 Bumped plug at 2:15 AM/PM with 1500 psi. Bled back 1 1/4 bbls. Hung csg
 with 225,000 lbs on slips.

Remarks:

No problems running pipe. Good cement mixing job. Full returns duration
of job. Bumped plug w/1500 psi at 2:15 PM 7-12-73.

Drilling Foreman C. R. Killen
 Date 7-12-73

CASING AND CEMENTING

Field Altamont Well Brotherson 1-22B4
 Job: 9 5/8 " O.D. Casing/Liner. Ran to 5995 feet (KB) on 6-25, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	
		Hal Shoe		X	1.75	5995.00	5993.25
2	40#	K-55	8rd	X	81.43	5993.25	5911.82
		Hal Float Collar		X	1.91	5911.82	5909.91
140	40#	K-55	8rd	X	5909.91	5909.91	-0-

142 jts Total

Casing Hardware:

Float shoe and collar type Halliburton
 Centralizer type and product number B & W
 Centralizers installed on the following joints 6' above shoe - first collar above shoe - 1 on every collar for a total of four
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush-Water 20 bbls, other _____ Volume _____ bbls
 First stage, type and additives 625 CF BJ lite . Weight 12.4 lbs/gal, yield 5.04
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives 235 CF Class "G" . Weight 15.9 lbs/gal, yield 1.14
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~Rotary~~ reciprocate Reciprocated
 Displacement rate 5 B/M, last 20 bbls at 3 B/M
 Percent returns during job 100%

Did not bump plug at CIP 10:30 AM with _____ psi. Bled back 1 bbls. Hung csg with _____ lbs on slips.

Remarks:

Full returns duration of job. Did not bump plug. Pumped 4 bbls over calculated displacement. Started job 8 PM. Finished job 10:30 PM
6-25-73.

Drilling Foreman C. R. Killen
 Date 6-25-73

CASING AND CEMENTING

Field Altamont Well Brotherson 1-22B4

Job: 13 3/8 " O.D. Casing/Box Ran to 312 feet (KB) on 6-12, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	
		Bkr Guide Shoe			1.55	312.00	310.45
10	68#	K-55	8rd	X	317.00	310.45	Plus 7' up

10 jts Total

Casing Hardware:

Float shoe and collar type Bkr Guide Shoe
 Centralizer type and product number B & W
 Centralizers installed on the following joints 6' above shoe, 1 first collar
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush—Water _____ bbls, other _____ Volume _____ bbls
 First stage, type and additives 300 CF BJ lite, 2% CaCl₂
 _____ . Weight 12.4 lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives 200 CF Class "G", 2% CaCl₂
 _____ . Weight 15.9 lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~Rotate~~/reciprocate Reciprocated
 Displacement rate 2 B/M last 10 bbls
 Percent returns during job 100%
 Bumped plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
 with _____ lbs on slips.

Remarks:

Full returns duration of job. Good cement returns. Started job at
 9:30 AM. Finished job 10 AM 6-12-73.

Drilling Foreman C. R. Killen
 Date 6-12-73

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd
685 BO, 40 BW and 1197 MCF gas on 11-30/64" chk w/3400
psi and zero CP. OCT 31 1963

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd
627 BO, 30 BW and 1197 MCF gas on 11-30/64" chk w/3400
psi FTP and zero CP.

NOV 1 1963

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd
546 BO, 40 BW and 1081 MCF gas on 4-30/64" chk w/3700
psi FTP and zero CP.

NOV 2 1963

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr tests, flwd
as follows:

NOV 5 1963

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
11/3	945	55	1535	14-40/64	3500	0
11/4	1088	59	1535	14-40/64	3500	0
11/5	948	44	1657	14-38/64	3500	0

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd
619 BO, 60 BW and 1200 MCF gas on 11-30/64" chk w/3600
psi FTP and zero CP. OCT 23 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 6-hr test, flwd
206 BO, 5 BW and 300 MCF gas on 11-30/64" chk w/3600
psi FTP and zero CP. OCT 24 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. SI. (No production last 24 hrs)
OCT 25 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner at 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test,
well flowed 530 BO, 29 BW, and 558 MCF on 11-30/64"
chk w/3800 FTP and 0 CP. OCT 26 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr tests, flwd
as follows: OCT 28 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
10/27	483	40	1221	11-30/64	3800	0
10/28	619	38	1161	11-30/64	3700	0
10/29	691	45	1200	11-30/64	3600	0

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd
671 BO, 35 BW and 1200 MCF gas on 11-30/64" chk w/3400
psi FTP and zero CP. OCT 30 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. TP 2800 psi. Installed BPV. Removed 10,000# Xmas tree and installed 5000# tree. Removed BPV and opened to pit. Flwd wtr to pit - no burn permit. Turned to tank battery. On 13-hr test, flwd 920 BO, 136 BW (GOR 1115) w/18/64" chk at well and 42/64" chk at tank battery w/3500 psi FTP. OCT 12 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On various tests, flwd as follows:

Rpt Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
10/13	18	1109	50	298	10-46/64	3500	0
10/14	24	515	129	1284	11-30/64	3700	0
10/15	24	574	77	1106	11-30/64	3700	0

OCT 15 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd 434 BO, no wtr and 840 MCF gas on 8-27/64" chk w/3700 psi FTP and zero CP. OCT 16 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 4-hr test, flwd 10 BO, no wtr and 70 MCF gas on 8-27/64" chk w/3700 psi FTP and zero CP. OCT 17 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd 433 BO, 40 BW and 1008 MCF gas on 18-30/64" chk w/3700 psi FTP and zero CP. OCT 18 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr test, flwd 558 BO, 58 BW and 1159 MCF gas on 11-30/64" chk w/3700 psi FTP and zero CP. OCT 19 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Flowing. On 24-hr tests, flwd as follows:

Rpt Date	BO	BW	MCF Gas	Chk	FTP	CP
10/20	443	30	830	11-30/64	3750	0
10/21	433	35	958	11-30/64	3600	0
10/22	505	35	1021	11-30/64	3600	0

OCT 22 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. (RRD 8/13/73) Prep to AT.
MI&RU OWP and perf'd one hole each unidirectionally
using magnetic decentralized steel tube carrier gun
w/JRC charges. Depths to 10,860 refer to CNL-GR log
dated 7/10/73 and depths below 10,860 refer to CNL-GR
log dated 7/24/73. Run #1: 10,798, 10,799, 10,811,
10,812, 10,813, 10,814, 10,815, 10,816, 10,827, 10,828,
10,829, 10,830, 10,831, 10,858, 10,859, 10,860, 10,881,
10,882, 10,883, 10,884, 10,894, 10,898, 10,899, 10,921,
10,922, 10,923, 10,924, 10,925, 10,926, 10,948, 10,971,
10,972, 10,973, 10,974, 10,975, 10,976, 11,022, 11,064,
11,065, 11,066, 11,131, 11,132. Press from 450 to 1450
psi. Run #2: 11,135, 11,136, 11,137, 11,138, 11,139,
11,152, 11,153, 11,154, 11,155, 11,156, 11,194, 11,221,
11,222, 11,264, 11,265, 11,286, 11,287, 11,354, 11,441,
11,492, 11,493, 11,494, 11,495, 11,526, 11,527, 11,545,
11,582, 11,583, 11,605, 11,654, 11,655, 11,697, 11,803,
11,804, 11,805, 11,816, 11,817, 11,818, 11,827, 11,828,
11,829. Press from 1800 to 2050 psi. Run #3: 11,830,
11,865, 11,866, 11,867, 11,882, 11,887, 11,888, 11,892,
11,893, 11,894, 11,932, 11,933, 11,934, 11,935, 11,950,
11,951, 11,998, 11,999, 12,000, 12,010, 12,020, 12,053,
12,054, 12,055, 12,056, 12,057, 12,058, 12,078, 12,087,
12,088, 12,124, 12,134, 12,135, 12,136, 12,157, 12,178,
12,179, 12,180, 12,192, 12,230, 12,231. Press from
2050 to 2150 psi. Run #4: 12,288, 12,320, 12,321,
12,387, 12,388, 12,389, 12,390, 12,437, 12,438, 12,552,
12,553, 12,576, 12,577, 12,578, 12,616, 12,639, 12,665,
12,666, 12,667, 12,668. Press from 2800 to 2950 psi.
RD&MO OWP. (Total of 144 perfs) OCT 10 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305', GL 6278'
5" liner @ 12,705'

TD 12,706. PB 12,685. Prep to flow to clean up. MI&RU
B-J on 10/10. AT gross perfs 10,798-12,668 w/44,000 gal
15% HCl w/each 1000 gal containing 3 gal G-10, 3 gal C-15,
3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160
Button Unibeads. Flushed w/4200 gal FW w/each 1000 gal
containing 165# NaCl and 3 gal G-10. All fluid heated to
80°F. Pmpd acid as follows: pmpd 40 bbls acid, dropped
one 7/8" RC ball sealer w/1.24 gr, pmpd 7 bbls acid.
Repeated one ball and seven bbls acid 143 times. Pmpd
flush. Max press 8900 psi, avg 7800 psi, min 4500 psi.
Max rate 8.25 B/M, avg 7 B/M, min 5 B/M. ISIP 4900
psi decr to 4000 psi in 5 min to 3650 psi in 10 min to
3450 psi in 15 min to 3400 psi in 20 min. Several
breaks from 200 to 2000 psi. RD&MO B-J. OCT 11 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Western Oilwell
12,706' Wasatch Test
KB 6305'
5" liner @ 12,705'

TD 12,706. PB 12,685. Pulling tbg. Picked up 4-1/8" bit, 1933' of 2-7/8" tbg work string, 7" csg scraper and new tbg and ran to 12,685. Displaced mud w/250 gal B-J Mud Flush followed by 500 bbls FW, 150 gal B-J Mud Flush and 600 bbls FW. SI and checked for flowback, OK. Press'd csg to 5000 psi, OK. Sptd 35 bbls 2% NaCl wtr in liner. AUG 8 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Western Oilwell
12,706' Wasatch Test
KB 6305'
5" liner at 12,705'

TD 12,706. PB 12,685. Running 5 1/2" casing. Pulled bit, tbg work string, and 7" csg scraper, and laid down tbg in derrick. RU OWP. Ran CBL and VDL logs from 9150 to 12,691 holding 3,000 psi on csg while rng logs. Cement top at 9324. Bonding fair to good. PDC logs from 9300-12,691. Set Model "D" pkr w/flapper, top at 10,725. RD OWP. Cement bonding from 10,750-11,100 fair to poor, from 11,100-12,691 good. AUG 9 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Western Oilwell
12,706' Wasatch Test
KB 6305'
5" liner at 12,705'

TD 12,706. PB 12,685. Running prod equipment. On 8-9, ran 107 jts 5 1/2" 14# K-55 csg heat string w/Type 1 special turned-down cplgs, tail to 4516. Installed 5 1/2" BPV. Removed BOP's. Installed 6" 5,000# x 10" 5000# tbg spool. Installed BOP's. Removed BPV. Tested BOP's and tbg spool to 5,000 psi. Began running prod eqpmt. AUG 10 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305'
5" liner @ 12,705'

TD 12,706. PB 12,685. SI. Finished running prod eqmt as follows: Baker Model "C" expendable plug holder w/ Model "B" pushout plug in place tested to 7500 psi in both directions w/tail @ 10,758, 30' x 2-7/8" NU 10 rd non-perf'd prod tube, Baker tbg seal assembly w/2 seal units, Baker Model "EL" on-off connector with Otis 2.313" N nipple w/2.255" no-go w/top @ 10,719, 1' sub w/7" cent, 3 jts tbg, mandrel #24HO-66 w/top @ 10,617, 30 jts tbg, mandrel #22HO-66 w/top @ 9686, 23 jts tbg, mandrel #19HO-66 w/top @ 8971, 25 jts tbg, mandrel #17HO-66 w/top @ 8194, 38 jts tbg, mandrel #14HO-66 w/top @ 7017, 56 jts tbg, mandrel #7HO-66 w/top @ 5286, 77 jts tbg, mandrel #4HO-66 w/top @ 2908, 93 jts tbg, 4' sub, and 1 jt tbg. All tbg and subs 2-7/8" EUE 8rd N-80, 6.4% and all mandrels Camco KBMG w/type "E" dummies w/BK-2 latches. Latched into pkr and spaced out. Jayed off on-off connector and circ trtd wtr in annulus. Sptd 2% NaCl wtr in tbg. Latched into on-off connector, landed tbg w/1000# tension on pkr and tested tbg to 7500# for 1 hr, losing 95#. Installed BPV, removed BOP, installed 10,000# tree and tested to 10,500#, OK. Released rig @ 7 PM, 8/10. RU Sperry Sun and knocked out Baker Model "B" pushout plug and followed to PBTB. (RDUFA) AUG 10 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,700' Wasatch Test
KB 6305'
7" csg @ 10,904'

12,706/48/43/161. Pulling out to log. Circ, made 20-std short trip and circ and cond mud to log. Made SLC: 12,700 = 12,706. Background gas: 30 units. Connection gas: 180 units. Short trip gas: 80 units. Mud: (.790) 15.2 x 45 x 4.2 (10#/bbl LCM) JUL 24 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,700' Wasatch Test
KB 6305'
7" csg @ 10,904'

12,706/48/44/0. Circ liner @ 12,706. RU Schl and ran DIL and BHCS-GR w/cal from 12,700-10,904. Ran CNL-FDC - tool failed; reran - FDC failed; reran. Ran 46 jts (1944') 5", 18#, N-80, SFJ-P liner w/shoe, Hal diff float and 12 centralizers. Mud: (.790) 15.2 x 53 x 4.6 (10#/bbl LCM) JUL 25 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,700' Wasatch Test
KB 6305'
5" liner @ 12,705'

12,706/48/45/0. Circ, WOC. Circ out 1500 units gas w/mud cutting to 14.2 ppg. Cmted liner w/230 sx Class "G" w/1% gel and 0.5% R-5 mixed as follows: first 2 bbls 15.3 ppg, 12 bbls 15.6 ppg, 30 bbls 15.3-15.6 ppg, 6 bbls 15.6 ppg. Displaced last 12 bbls @ 1 B/M. Bumped plug w/2500 psi. Pulled and laid down setting tool and 27 DC's. Ran csg scraper, tagging cmt @ 10,730. Mud: (.790) 15.2 x 52 x 5.2 JUL 26 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,700' Wasatch Test
KB 6305'
5" liner @ 12,705'

12,706/48/46/0. DO cmt in liner @ 12,583. WOC 4 hrs. Tested liner lap to 1550 psi for 15 min, OK. Laid down 9 DC's. Ran in w/work string and started CO liner. Drld float. JUL 27 1973

Shell-Chevron-
Brotherson 1-22B4
(D)
12,706' Wasatch Test
KB 6305'
5" liner @ 12,705'

7/28: 12,706/48/47/0. PB 12,685. RU for inflow test. Drld cmt out of 5" liner to 12,685. Laid down 2-7/8" DP and DC.

Mud: (.790) 15.2 x 45 x 6.4

JUL 30 1973

7/29: TD 12,706. PB 12,685. Prep to RDRT. Ran inflow tests and tested csg per prognosis. Laid down 3-1/2" DP, swivel and kelly. Nippled down BOP and installed tree. Released rig @ 6 AM, 7/29/73. (RDUFA)

Shell-Chevron-
Brotherson 1-22B4
(D) Western Oilwell
12,706' Wasatch Test
KB 6305'
5" liner @ 12,705'

TD 12,706. PB 12,685. (RRD 7/30/73) Picking up bit and tbg. MI&RU Western Oilwell Service Company rig #17 on 8/6/73. Installed BOP and tested to 5000 psi. 7 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
7" csg @ 10,904'

7/14: 10,904/48/33/0. Picking up 3½" DP. Tested BOP's. Repaired leaks and BOP's.

7/15: 10,934/48/34/30. Drilling. Finished picking up 3½" DP. Drld float, cmt and shoe. Tested csg to 2000#, OK. Laid down excess DP. Trip gas: 600 units. Background gas: 20 units. Connection gas: 120 units. Mud: (.644) 12.4 x 45 x 6.0

7/16: 11,106/48/35/172. Drilling. Connection gas: 15-20 units.

Mud: (.655) 12.6 x 44 x 6.1

JUL 16 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
KB 6305'
7" csg @ 10,904'

11,301/48/36/195. Drilling. Lost 60 bbls mud last 24 hrs. Background gas: 200 units. Connection gas: 1200 units.

Mud: (.681) 13.1 x 45 x 6.2

JUL 17 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
KB 6305'
7" csg @ 10,904'

11,495/48/37/194. Drilling. Show @ 11,418 w/gas incr from 150-600 units and mud cutting from 14.0 to 13.0 ppg. Lost 105 bbls mud last 24 hrs.

Mud: (.748) 14.4 x 47 x 6.4 (12#/bbl LCM)

JUL 18 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
KB 6305'
7" csg @ 10,904'

11,685/48/38/190. Drilling. Background gas: 150 units. Connection gas: 600 units. Downtime gas: 2000 units.

Mud: (.769) 14.8 x 42 x 5.2 (5.9#/bbl LCM)

JUL 19 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,700' Wasatch Test
KB 6305'
7" csg @ 10,904'

11,904/48/39/219. Drilling. Background gas: 120 units. Connection gas: 300 units.

Mud: (.790) 15.2 x 45 x 4.8 (24.2#/bbl LCM)

JUL 20 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,700' Wasatch Test
KB 6305'
7" csg @ 10,904'

7/21: 12,112/48/40/208. Drilling. Background gas: 30 units. Connection gas: 450 units. Lost 65 bbls mud last 24 hrs.

Mud: (.790) 15.2 x 48 x 4.6

7/22: 12,322/48/41/210. Drilling. Background gas: 80 units. Connection gas: 600 units. No mud loss.

Mud: (.790) 15.2+ x 44 x 4.2 (18#/bbl LCM)

7/23: 12,545/48/42/223. Drilling. Drlg break @ 12,526 w/400 units gas. Background gas: 15 units. Connection gas: 160 units. Lost 60 bbls mud.

Mud: (.790) 15.2 x 44 x 4.6 (10.7#/bbl LCM)

JUL 23 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

10,530/48/25/110. Drilling. Dev: 4° @ 10,471. Lost
75 bbls mud on trip for bit @ 10,471. Show @ 10,518
w/gas incr from 100-810 units. Background gas: 100
units. Connection gas: 132 units. Trip gas: 470 units.
Mud: (.582) 11.2 x 40 x 5.6 JUL 6 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

7/7: 10,625/48/26/95. Drilling. Dev: 3-3/4° @
10,556. Changed bit @ 10,556. Background gas: 100
units. Connection gas: 150 units. Trip gas: 1150
units w/mud cutting to 10.6 ppg.
Mud: (.613) 11.8 x 45 x 5.2

7/8: 10,730/48/27/105. Drilling. Lost 90% returns
@ 10,628. Background gas: 90-100 units. Connection
gas: 130 units. Lost 300 bbls mud last 24 hrs.
Mud: (.608) 11.7 x 42

7/9: 10,761/48/28/27. Drilling. Changed bit @ 10,742,
making -4' SLC. Circ @ 8800'. Circ and CO 8' of fill.
Background gas: 60 units. Trip gas: 1050 units w/mud
cutting to 11.3 ppg.
Mud: (.608) 11.7 x 42 x 5.2 (4#/bbl LCM) JUL 9 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

10,900/48/29/139. Drilling. Background gas: 100 units.
Connection gas: 135 units.
Mud: (.608) 11.7 x 43 x 4.8 (3#/bbl LCM) JUL 10 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

10,904/48/30/4. Logging. Made 10-std short trip.
Circ 4½ hrs and pulled out to log. Ran DIL - tool
failed. Ran CNL-FDC from 10,904-8500 and reran DIL
from 10,904-5995. Unable to run BHCS tools due to
two tool failures.
Mud: (.608) 11.7 x 43 x 4.8 (3#/bbl LCM) JUL 11 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

10,904/48/31/0. Running 7" csg. Finished logging.
Ran BHCS. Ran to 8900' and circ out. Ran to btm and
circ and cond mud to run 7" csg. Circ out 1900 units
gas w/mud cutting from 11.7 to 10.7 ppg. Laid down
DP and DC's. Pulled wear ring and RU to run csg.
Mud: (.608) 11.7 x 42 x 5.2 JUL 12 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
7" csg @ 10,904'

10,904/48/32/0. Testing BOP's. Ran 228 jts 26", YS-95
(9313') and 38 jts 26#, S-95 (1604') w/shoe @ 10,904.
Cmt'd w/54 sx Lite w/0.1% R-5 followed by 320 sx Class
"G" w/0.3% R-5. Bumped plug w/1500 psi w/full returns.
Nipped down BOP's. Set slips, cut csg, changed rams
and nipped up BOP's. JUL 13 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

6100/48/16/105. Drilling. Finished nipping up. Tested
BOP and repaired leaks. Tripped in w/BHA and drld cmt,
float and shoe. Tested csg to 1500 psi, OK. JUN 27 1973
Mud: Wtr

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

6790/48/17/690. Drilling. JUN 28 1973
Mud: Wtr

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

7515/48/18/725. Drilling. Hole making black oil.
Mud: Wtr JUN 29 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

6/30: 8265/48/19/750. Drilling. Hole still making
black oil.
Mud: Wtr
7/1: 8925/48/20/660. Reaming to btm. Dev: .1° @
8900. Tripped in w/new bit @ 8925 and started reaming
to btm - 120' of fill.
Mud: Wtr
7/2: 9532/48/21/607. Drilling. Reamed 100' to btm.
Mud: Wtr JUL 2 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

9965/48/22/433. Drilling. Checked BOP's, OK. Mudded
up @ 9900'. Background gas: 120 units. Connection
gas: 240 units. Max background gas @ 9830: 240 units.
Mud: (.478) 9.2 x 35 x 7 JUL 3 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

7/4: 10,215/48/23/250. Drilling. Moderate gas show
@ 10,141 w/9.7 ppg mud w/gas incr from 40-550 units.
Mud: (.525) 10.1 x 38 x 5.6 (2% oil)
7/5: 10,420/48/24/205. Drilling. Show @ 10,258 w/
gas incr from 50-1100 units and mud cutting from 10.1
to 9.3 ppg. Background gas: 160 units. Connection gas:
200 units. JUL 5 1973
Mud: (.561) 10.8 x 41 x 5.8 (2% oil)

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

4335/48/8/245. Drilling.
Mud: (.473) 9.1 x 32 x 16.6 JUN 19 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

4650/48/9/315. Drilling.
Mud: (.468) 9.0 x 50 x 18.6 JUN 20 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

4910/48/10/260. Drilling. Dev: 1/4° @ 4630. Tripped
for new bit @ 4661. Washed 100' of fill to btm.
Mud: (.468) 9.0 x 29 x 18.2 JUN 21 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

5260/48/11/350. Drilling. JUN 22 1973
Mud: (.473) 9.1 x 30 x 14.6

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

6/23: 5608/48/12/348. Drilling.

Mud: (.468) 9.0 x 30 x 16.2

6/24: 5828/48/13/220. Reaming @ 4500'. Dev: 1° @
5828. Tripped for bit @ 5828. Bit stopped @ 3400.

Spot reamed from 3400-4500'. JUN 25 1973

Mud: (.478) 9.2 x 31 x 14.6

6/25: 6000/48/14/172. Short tripping prior to running
csg. Finished reaming to btm. Circ and cond mud - hole
tight. Hole sloughing and packing off from 5880-6000.
Raised mud wt to 9.7 ppg. Made 20 std short trip - 20'
fill.

Mud: (.504) 9.7 x 47 x 7.6

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
9-5/8" csg @ 5995'

5995/48/15/0. Nippling up 9-5/8" csg. Circ 7 hrs
to run csg. Made SLC: 6000' = 5995'. Pulled wear
ring. RU and ran 142 jts 9-5/8", 40#, K-55 csg (6009')
w/Hal float and shoe. Shoe @ 5995'. Mixed and pmpd
625 cu ft B-J Lite (slurry 12.4 ppg) followed by 235
cu ft Class "G" (slurry 15.9 ppg). Full returns. Did
not bump plug. CIP @ 10:30 PM, 6/25. JUN 26 1973

OIL WELL

ALTAMONT

SHELL OIL COMPANY-CHEVRON-

LEASE

BROTHERSON

WELL NO.

1-22B4

DIVISION

ROCKY MOUNTAIN

ELEV

6305 KB

FROM: 6-11 - 11-6-73

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONT

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test

"FR" Spudded well @ 6 AM, 6/11/73.
Located 1642' FNL and 1297' FEL (SE/4 NE/4), Section
22-T2S-R4W, Duchesne County, Utah.
Elev: 6278 GL (ungraded) JUN 11 1973
Shell Working Interest: 94.345%
This is a routine Wasatch development test.

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test

312/48/1/312. Circ to run csg. Dev: 0° @ 134. Lower
kelly valve twisted off in service connection. Fished
for same. Pulled plugged bit. Found wash out in two
btm collars. Circ 1 hr. JUN 12 1973
Mud: Wtr

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13 3/8" csg at 312'

359/48/2/47 Drilling. Ran 10 jts (318') 13 3/8" 68#
csg at 312' and cem w/300 CF BJ lite, 2% CaCl₂. Wt -
12.1#, followed by 200 CF Class "C", 2% CaCl₂. Wt -
15.9#. Full cement returns. Tested hd w/1000 psi, csg 300.
Mud: Water JUN 13 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

1409/48/3/1050. Tripping for new bit. Dev: 3/4° @
1400'. Pipe stuck @ 520'. Installed sfc jars and
jarred fish loose. Circ 30 min. JUN 14 1973
Mud: Wtr

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

2445/48/4/1036. Drilling. Dev: 1/2° @ 2317.
Mud: Wtr JUN 15 1973

Shell-Chevron-
Brotherson 1-22B4
(D) Brinkerhoff #56
12,600' Wasatch Test
13-3/8" csg @ 312'

6/16: 3180/48/5/735. Drilling. Changed bit @ 3095'.
Mud: Wtr
6/17: 3735/48/6/555. Drilling. Dev: 1/4° @ 3600.
Changed bit @ 3612. Hole taking wtr. Due to short
wtr supply, prep to mud up.
Mud: (.436) 8.4 x 27
6/18: 4090/48/7/355. Drilling. Dev: 1/2° @ 3958.
Changed bit @ 3999.
Mud: (.442) 8.5 x 34 x 18.6 JUN 18 1973

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1642' FNL & 1297' FEL Section 22		8. FARM OR LEASE NAME Brotherson
14. PERMIT NO.		9. WELL NO. 1-22B4
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6305 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4 NE/4 Section 22-T2S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

(Other) Equip for gas lift

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

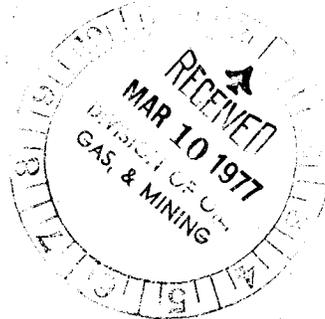
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

See attachment

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: March 11, 1977

BY: Ph. [Signature]



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

SIGNED [Signature] TITLE Div. Opers. Engr. DATE 3/8/77

(This space for Federal or State office use)

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

cc: USGS w/attachment

INSTALL GAS LIFT EQUIP

ALTAMONT

SHELL-CHEVRON

LEASE BROTHERSON

WELL NO. 1-22B4

DIVISION WESTERN

ELEV 6305 KB

FROM: 9/27/76 - 3/1/77

COUNTY DUCHESNE

STATE UTAH

UTAH

ALTAMONT

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

"FR" TD 12,706. PB 12,691. AFE #524594 provides funds to equip well for gas lift. Pmp'd 30 bbls diesel & cut wax. Set collar stop @ 10,700. Pulled dummy valves & SD for night. 9/25 Set Camco valves @ 2907' @ 1276#, 5286' @ 1249#, 7017' @ 1236#, 8194' @ 1232#, 8971' @ 1225#, 9686' @ 1210# & 10,616 DKO-2. Pulled collar stop. Turned well over to put on gas lift.

SEP 27 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, prod 191 BO, 841 BW, 504 MCF gas w/450 psi.

SEP 28 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, prod 191 BO, 751 BW, 504 MCF gas w/300 psi.

SEP 29 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, prod 180 BO, 790 BW, 456 MCF gas w/300 psi.

SEP 30 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, prod 161 BO, 717 BW, 435 MCF gas w/250 psi.

OCT 01 1976

Shell-Chevron- OCT 04 1976
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On various tests gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj. Press.
10-2	24	178	710	469	300
10-3	24	181	755	431	300
10-4	24	171	694	394	250

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 150 BO, 643 BW, 443 MCF gas w/200 psi inj press.

OCT 05 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 174 BO, 695 BW, 427 MCF gas w/250 psi inj press.

OCT 06 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, prod 169 BO, 714 BW,
466 MCF gas w/300 psi.

OCT 07 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. On 24-hr test, prod 159 BO, 644 BW,
404 MCF gas w/200 psi.

OCT 08 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift equip)

TD 12,706. PB 12,691. Will resume rept when gas lift
operation commences.

(Report discontinued until further activity) OCT 11 1976

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat strg & CO)

TD 12,706. PB 12,691. (RRD 10/11/76) AFE provides funds
to pull tbg, mill out pkr, pull heat strg & CO 5" liner.
MI&RU WOW #19 & bled off csg press. Prep to kill well.

JAN 31 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat strg & CO)

TD 12,706. PB 12,691. Bled gas off csg & tbg. Unlatched
from pkr & circ'd well clean w/prod wtr. Pulled 1000'
2-7/8 tbg. SI for night.

FEB 01 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Chng'g BOP. Fin'd pull'g 2-7/8
tbg. Pulled & LD 5-1/2 heat string.

FEB 02 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Prep to mill out pkr @ 10,725.
Chng'd BOP's. Ran Bkr 7" mill & tbg to btm & hooked up
power swivel.

FEB 03 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. CO liner. Milled & picked pkr out
of hole. RIH w/4-1/8 FB mill to 10,000'. SI for night.

FEB 04 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. 2/4 Ran 2-7/8 tbg & tag'd pkr @
11,650. Milled 125'. Spt'd 500 gals 15% HCl & out tbg
w/65 BW. SI tbg & pmp'd 20 BW down csg; press'd to 1500#.
SI & started mill'g. Milled 25' & circ'd btms up to
remove scale from around mill. 2/5 Milled & circ'd to
12,685. Pmp'd 1300 gals 15% HCl foll'd by 100 BW down
tbg. Rev & pmp'd 30 BW down csg. Rev down tbg w/30 BW
to wash perms. Pmp'd 110 BW down csg to rev acid out;
did not get acid back. SI csg & pmp'd 700 gals 15% HCl
down tbg foll'd by 75 BW to pmp acid away. SI well.

FEB 07 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Unable to kill well to pull tbg.
Well had 1500# on csg & tbg. Reverse circ'd 600 bbls prod
wtr; unable to kill well. Pmp'd 300 bbls 10# salt wtr
down csg. SI 10 mins; press'd up to 1000#. SI for night.

FEB 08 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. SITP 1000#; SICP 1400#. Connected
well to flwline & opened on 34/64" chk. In 2 hrs flwd
84 BO, 36 BW, 14 MCF gas. Flwd to bty overnight. In 12
hrs made 496 BO, 121 BW, 15 MCF gas on 30/64" chk w/300#
TP & 1000# CP.

FEB 09 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Well flw'g to bty. In 12 hrs
prod 584 BO, 96 BW & 1.7 MMCF gas on 30/64" chk w/1000 psi
TP & 1040 psi CP.

FEB 10 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Prep to pmp salt wtr down tbg to
kill well. Flwd well to bty 12 hrs & prod 636 BO, 95 BW,
2.2 MMCF gas w/1350# TP & 1100# CP on 32/64" chk; trt'r
press 65#.

FEB 11 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. 2/11 SI tbg & opened csg to bty.
Pmp'd 500 BW down tbg & held 1000# back press on csg.
Switched over & pmp'd 200 bbis 10# SW down tbg. SI csg
to by & opened csg to pit. Pmp'd 200 more bbis SW down
tbg. Bled csg to 500# & pmp'd 100 bbis 10# SW down csg
w/tbg SI. SI csg 15 mins; tbg & csg had 0# press. Pulled
up 1 jt tbg. Installed tbg donut w/BPV in place. Set
tbg in hanger. Removed BOP's & installed 5000# tree.
Removed BPV & SI well w/4-1/8 mill 35' off btm. 2/12
12-hr SITP 0; sli blow & csg 1000#. Bled off csg. Pmp'd
100 bbis 10# SW down csg. Pmp'd 25 bbis down tbg. Pulled
tbg & mill. Ran 7" Bkr full bore pkr on 2-7/8 tbg w/gas
lift mandrels in place to 5000'. Killed well down csg 3
times while pulling tbg. SD for night.

FEB 14 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Circ'd tbg & csg. Ran 7" Bkr
full bore pkr & remainder of gas lift mandrels in place.
Set pkr @ 10,714 w/15,000# tension. Removed BOP &
installed 5000# tree. Started RD&MO WOW #19. Turned
well over to prod.

FEB 15 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. SI.

FEB 16 1977

Shell-Chevron-
(Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 481 BO,
331 BW, 1063 MCF gas w/1000 psi inj press.

FEB 17 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 710 BO,
336 BW, 1200 MCF gas w/850 psi inj press.

FEB 18 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. 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>
2/18	24	420	219	781	300
2/19	24	613	378	1032	700
2/20	24	872	470	1519	700
2/21	24	856	500	1111	300

FEB 22 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 1177 BO,
500 BW, 1111 MCF gas w/700 psi inj press.
FEB 23 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 648 BO,
485 BW, 1273 MCF gas w/700 psi inj press.
FEB 24 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. On 24-hr test, gas lifted 835 BO,
648 BW, 1220 MCF gas w/550 psi inj press.
FEB 25 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. 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>
2/25:	16	606	279	813	500
2/26:	24	547	759	1189	400
2/27:	24	465	702	1125	400

FEB 28 1977

Shell-Chevron-
Brotherson 1-22B4
(Install gas lift, pull
pkr & heat string & CO)

TD 12,706. PB 12,691. Prior to work, well prod
96 BO, 148 BW & 283 MCF gas/D. On 24-hr test 2/28/77
after work, gas lifted 543 BO, 839 BW, 1257 MCF gas
w/350 psi inj press.
FINAL REPORT

MAR 01 1977

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Shell Oil Company ATTN: B. T. Ellison 6486 WCK.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1642' FNL & 1297' FEL Sec. 22</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 Brotherson</p> <p>9. WELL NO. 1-22B4</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22 T2S R4W SE/4 NE/4</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6305'</p>	

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"/>	

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

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

Current Status: Currently producing 34 BOPD, 154 BWPD and 141 MCFPD from Wasatch (10,646'-12,668').

Proposed Work: Acid treat Wasatch (10,646'-12,668') with 35,000 gals. 7-1/2% HCL.

RECEIVED

MAR 10 1983

DIVISION OF
OIL, GAS & MINING

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

SIGNED Bart G. Ellison TITLE Div. Prod. Engr. DATE 3/14/83

(This space for Federal or State office use)

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

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

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.)		5. LEASE DESIGNATION AND SERIAL NO. Patented
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Shell Oil Company ATTN: B. T. Ellison 6486 WCK.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001		8. FARM OR LEASE NAME Brotherson
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1642' FNL & 1297' FEL Sec. 22		9. WELL NO. 1-22B4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Altamont
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6305'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22 T2S R4W SE/4 NE/4
		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) _____	
(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.)*

COMPLETED OPERATIONS
(4-4/5-16-83)

RECEIVED
JUN 10 1983

DIVISION OF
OIL, GAS & MINING
Acid treated the Wasatch (10,646'-12,668') with 35,000 GAS & MINING
gals. 7-1/2% HCL. Returned well to production.
7 Day Avg: 27 BOPD, 308 BWPD, 780 MCF gas.

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

SIGNED *[Signature]* **IAO BTE** TITLE Div. Prod. Engr. DATE 6/6/83

(This space for Federal or State office use)

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

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: FIRST REPORT
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2552
CUM. COST: 2552
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-4-83
PRESENT STATUS: RIG UP
ACTIVITY: FINISH RIGGING UP EQUIPMENT. WAIT ON PUMPER TO SHUT
02 DOWN COMPRESSOR FOR GAS LIFT. PUMP DOWN TBG AND
03 CSG. KILL WELL. CHG. OUT STACK INSTALL AND TEST
04 6 INCH BOP. RIG UP FLOOR AND REMOVE TBG. HANGER
05 RIG UP SWIVEL AND RELEASE OUT OF 7 IN. MODEL D PKR
06 POOH LAYING DOWN CAMCOS. MADE UP ACME PKR PLUCKER
07 AND START IN HOLE. SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 3447
CUM. COST: 5999
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-5-83
PRESENT STATUS: MILL OUT 7IN. PKR.
ACTIVITY: BLEED PRESS OFF WELL. CONTINUE RUNNING IN HOLE
02 W/ PKR. PLUCKER 7 IN. ACME. RIG UP TO MILL OUT
03 7 INCH. MODEL D PKR AT 10545 FT. MILL OUT PKR.
04 TOOK APPROX. 5 HRS. POOH VERY CAREFULLY. PULLED
05 OUT 4000 FT. CLOSE WELL IN FOR NIGHT.

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

BROTHERSON 1-22B4

LABEL:

WO NO.:

585997

FOREMAN:

B J THOMPSON

RIG:

WOW 17

AUTH. AMNT:

108000

DAILY COST:

2697

CUM. COST:

8696

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

CLEAN OUT AND STIMULATE THE WASATCH

DATE(S):

4-6-83

PRESENT STATUS:

BREAK DOWN PKR. PLUCKER

ACTIVITY:

BLEED PRESS OFF WELL. CONT. PULLING OUT OF HOLE.

02

BREAK DOWN PKR. PLUCKER. MADE UP 4 1/8 IN. MILL

03

AND X-OVER ACME AND RIH. PICK UP WORKSTRING TO

04

CLEAN OUT LINER. TAGGED LINER TOP AT 10750 FT. CONT.

05

RUNNING IN HOLE. TAGGED SCALE? AT 11842 FT. COULD

06

NOT PULL UP HOLE. RIG UP SWIVEL AND TRY TO ROTATE

07

LOOSE. COULDN'T. TRY PUMPING DOWN TBG. TO MOVE

08

JUNK OFF MILL. TRY JARRING LOOSE. FINALLY CAME

09

LOOSE. PULL UP HOLE. SDON.

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

BROTHERSON 1-22B4

LABEL:

WO NO.:

585997

FOREMAN:

B J THOMPSON

RIG:

WOW 17

AUTH. AMNT:

108000

DAILY COST:

2547

CUM. COST:

11243

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

CLEAN OUT AND STIMULATE THE WASATCH

DATE(S):

4-7-83

PRESENT STATUS:

LAY DOWN 4 1/8 IN. TOOLS

ACTIVITY:

GO TO SHELL OFFICE AND HOLD SAFETY MEETING UNTIL

02

8:30 AM. GOT TO LOCATION. AND BLEED PRESS OFF

03

WELL. PULL OUT OF 5 IN. LINER AND PUMP DOWN WELL.

04

ROTATE ON LINER TOP. RIH TO 11842 FT. RIG UP TO

05

CLEAN OUT WELL. PUMPING REVERSED. GOT HUNG AGAIN

06

JAR AND BEAT. GOT LOOSE. POOH W/ 4 1/8 IN. MILL

07

BREAK DOWN AND LAY DOWN 4 1/8 IN. TOOLS. CHECK

08

FOR SIGNS OF PROBLEM. SDON.

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

BROTHERSON 1-22B4

LABEL:

WD NO.:

585997

FOREMAN:

B J THOMPSON

RIG:

WOW 17

AUTH. AMNT:

108000

DAILY COST:

3539

CUM. COST:

14782

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

CLEAN OUT AND STIMULATE THE WASATCH

DATE(S):

4-8-83

PRESENT STATUS:

SLIP BAD DRILL LINE

ACTIVITY:

BLEED PRESS OFF WELL MADE UP 4-STAR MIRACLE TOOL.

02

RIH. STROKE TOOL AND MILL OUT TO 12690 FT. POOH

03

LAYING DOWN WORKSTRING. SDON HANG BLOCKS IN DERRICK TO
SLIP DRILL-LINE.

04

05

DATE 4-9-83 DAILY COST 3713 CUM COST 18485

06

SLIP BAD DRILL-LINE BLEED PRESS OFF WELL CONT.

07

PULLING OUT OF HOLE. LAY DOWN 4-STAR MIRACLE TOOL

08

PICKUP 7 IN. MT. STATES H.D. PKR. AND RIH. SET PKR

09

AT 10505 FT W/30000 LB. SET DOWN ON PKR.

10

FILL CSG W/ PROD WTR. AND PRESS UP TO 2500 PSI.

11

HELD. CHG. OUT STACK INSTALL AND TEST 10000 LB.

12

X-MAS TREE. PREPARE TO ACIDIZE WELL MONDAY AM.

13

DATE 4-10-8 SUNDAY.

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

BROTHERSON 1-22B4

LABEL:
WO NO.:
FOREMAN:
RIG:
AUTH. AMNT:
DAILY COST:
CUM. COST:
TYPE OF JOB:
OBJECTIVE:

585997
B J THOMPSON
WOW 17
108000
42442
60927
REMEDIAL OIL AND GAS
CLEAN OUT AND STIMULATE THE WASATCH

DATE(S):
PRESENT STATUS:
ACTIVITY:

02
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04
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27

4-11-83
ACIDIZE
RIG UP NOWSCO TO ACIDIZE ACCORDING TO PROG.
MAX PRESS 8220 CSG PRESS 2150 MAX RATE 15.7
AVG PRESS 7460 AVG RATE 12.2
ISIP 2500 BAF 5000 LBS ACID 833 BBLs
5 MIN 160 BALLS 420 EACH FLUSH 110 BBLs
10 MIN 0 TOTAL 943 BBLs
15 MIN 0
20 MIN 0

RIG DOWN NOWSCO WHILE ACIDIZING WELL HAD TO PUMP
4 BBLs A MIN. TO MAINTAIN CSG PRESS. REMOVE WELL
HEAD AND SET ON 6 IN BOP. RELEASE 7 IN HD PKR.
ACTED LIKE HAD FILL ON PKR. POOH WITH 40 STDS.
TBG. TRY TO TEST CSG. STILL LEAKING COULD
NOT GET PKR. TO EQUILIZE. TRY TO PUMP PAST PKR.
TOOK 1800 LB. TO PUMP PAST PKR. PRESS DROPPED TO
0. TRY PULLING TBG AGAIN STILL DRAGGING. PUMP DOWN CSG
TRY TO CLEAN OFF PKR. SDON LET WELL TRY TO EQUILIZE
OVERNIGHT..

4-12-83 DAILY COST 2005 CUM COST 62932
CONT. PULLING OUT OF HOLE. PULLING 40000 LBS.
EXCESS WEIGHT AFTER 20 STDS. LOST EXTRA WEIGHT.
CONT. PULLING OUT OF HOLE. LAY DOWN MT. STATES 7 IN
HD PKR. MADE UP GUIBERSON UNI 6 7IN. PKR. AND RIH
TO 3000 FT. SET PKR AND PRESSTEST TO 2500 LB. HELD
RIH TO 7000 FT RE-SET PKR AND TEST CSG AGAIN
LEAKED. PULL UP TO 5900 FT. TEST AGAIN. HELD BLEED
PRESS OFF. SDON.

STATE: UTAH
FIELD: ALTAMONT
WELL: BROTHERSON 1-22B4
LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 1650
CUM. COST: 64582
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH
DATE(S): 4-13-83
PRESENT STATUS: RIG SHUT DOWN FOR REPAIRS TO RIG
ACTIVITY: CONTINUE TESTING CSG. FOR LEAK RELEASE PKR. AT
02 5900 FT. AND SET AT 6300 FT. PRESS TEST TO 2500
03 LBS. HELD PRESSURE.
04 SHUT DOWN RIG FOR REPAIRS TO RIG

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2264
CUM. COST: 66846
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-15-83
PRESENT STATUS: DATE 4-14-83 RIG DOWN FOR REPAIRS
ACTIVITY: DATE 4-15-83 BLEED PRESS OFF WELL. CONT. TESTING
ON CSG. TRY TO FIND LEAK. MADE SEVERAL TESTS AND
02 HELD. RIH TO 7000 FT. HELD. RIH TO 8025 FT. LEAKED
03 PULL UP HOLE CONT. TESTING. PKR QUIT WORKING. POOH
04 PULLING WET. LAY DOWN PKR. RIH 2000 FT. SDON.
05 DATE 4-16-83 DAILY COST 3963 CUM COST 70809
06 BLEED PRESS OFF WELL. POOH W/KILL STRING. MADE UP
07 MT. STATES 7 IN. HD PKR. AND 7 IN. BP AND RIH
08 HAD TO KILL WELL- FLOWING. STACKED OUT W/TBG AT
09 6880 FT. COULDNT GET RBP TO SET UNTIL APPROX.
10 7360 FT. PRESS TEST TOOLS OK. PULL PKR. UP HOLE
11 AND TEST CSG ABOVE 6800 FT. HELD. COULDNT GET INTO
12 CSG. BELOW 6880 FT. PULL UP HOLE AND CLOSE WELL
13 IN FOR WEEKEND.
14 DATE 4-18-83 DAILY COST 1963 CUM COST 72772
15 PUMP DOWN TBG. W/HOT PROD. WTR. TOOK 3000 LB TO
16 ESTABLISH CIRC. CIRC. HOLE CLEAN. POOH W/ MT.
17 STATES PKR. RIG UP DIA-LOG AND RUN CSG SURVEY.
18 DIA-LOG TOOL BROKE DOWN. WAIT ON DIA-LOG. SDON.
19

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 7030
CUM. COST: 79802
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-19-83
PRESENT STATUS: RIG UP TO RUN CSG. SURVEY.
ACTIVITY: HELP DIA-LOG RIG UP TO RUN CSG. SURVEY.
02 COULD NOT GET INTO CSG. BELOW 6850 FT. W/SURVEY
03 TOOL CHG. OUT TOOL AND RUN MIN. I.D. TOOL. CONSULT
04 W/SHELL. DUMP SAND 20FT. W/DIA-LOG DUMP BAILER
05 ON 7 IN. R.B.P. RIG DOWN DIA-LOG. CLOSE WELL IN
06 FOR NIGHT WAIT ON ORDERS FROM SHELL.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2086
CUM. COST: 81890
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-20-83
PRESENT STATUS: WAIT ON ORDERS FROM SHELL.
ACTIVITY: BLEED PRESS OFF WELL. WAIT ON ORDERS FROM SHELL.
02 CLEAN OUT CELLAR TO 9 5/8 IN. CSG. VALVE. TRY TO
03 CIRC. WELL DOWN 7 IN. OUT 9 5/8 IN. WAIT ON DRILL
04 LINE AND TOOLS - ACME. NO VALVE ON CSG. FLANGE.
05 WAIT ON CAMERON. TRY TO BLEED WELL OFF. UNLOAD
06 EQUIP. OFF ACME TRUCK. SDON.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2088
CUM. COST: 83978
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-21-83
PRESENT STATUS: GET READY TO CIRCULATE MUD 4-22-83
ACTIVITY: STRING BLOCKS TO 8 LINES. CONT. TRYING TO BLEED
02 PRESS OFF BACKSIDE OF 7 IN. CSG. COULDNT REMOVE
03 CHECK VALVE. WAIT ON MITCHELL CREW TO CUT CULVERT
04 AND CHIP CMT. OUT OF CELLAR. INSTALL LUBRICATOR
05 CAMERON AND REMOVE CH-VALVE. BLEED PRESS OFF CSG
06 800 PSI. TRY CIRC. DOWN 7 IN. OUT 9 5/8 IN. CSG.
07 SEEMED TO CIRC. GOOD. CHG OUT STACKS. INSTALL &
08 TEST 10 IN. BOP. GET READY TO CIRC. MUD 4-22-83.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 3538
CUM. COST: 131715
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-22-83
PRESENT STATUS: CIRC. HOLE.
ACTIVITY: CREW ONE - OPEN WELL AND PUMP 100 BBLs. HOT WTR.
02 FOLLOWED BY 500 + BBLs 10.5 LB DRILL MUD. CIRC OIL
03 AND WTR. TO PIT.
04 CREW 2 - CONT. CIRC HOLE TO STABILIZE MUD AND
05 HOLE FORMATION. CIRC. UNTIL 3 PM. TRY TO PULL ON
06 7 IN. CSG. PULLED UP TO 250000 LB. WOULD NOT COME
07 LOOSE. SET DOWN AND CONT. CIRC. HOLE. WAIT ON
08 CSG. JACKS 4-STAR. RIG UP CSG. JACKS. PULL UP CSG
09 CAME LOOSE AT 325000 LB. WAIT ON PARISH CSG CREW
10 AND LAY DOWN MACHINE. PULL AND LAY DOWN FIRST JTS
11 7 IN. CSG. LAY DOWN SPEAR AND FIRST JT. D.P.

STATE: UTAH
FIELD: ALTAMONT
WELL: BROTHERTON 1-22B4

LABEL: -----
WD NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 8178
CUM. COST: 131715
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-23-84

PRESENT STATUS: TALLY PIPE

ACTIVITY:

02 CREW 1 - RIG DOWN CSG. JACKS. RIG UP LAY DOWN
03 MACHINE. START LAYING DOWN 7 IN. CSG TALLY PIPE
04 AS LAID DOWN. TALLY CAME OUT 6813 FT. CSG. PLUS
05 27 FT N.B. WHICH EQUALS 6840 FT. COLLAR ON LAST
06 JT. SPLIT. PIN LOOKING UP. RIG DOWN PARRISH.
07 REMOVE BASE FOR CSG JACK. START CHG. EQUIP BACK TO
08 2 7/8 IN.
09 CREW 2 - CONT. CHG. EQUIP TO 2 7/8 IN. MAKE UP
10 SKIRTED MILL W/ACCOMPANYING X-OVERS BUMP SUB. AND
11 JARS. TALLY TBG. RIH W/221 JTS TO TOP OF 7 IN. CSG
12 AT 6848. RU PWR. SWVL. AND HYD. STRP. HEAD. BREAK
13 CIRC. PUMPING CONV. MILL OFF TOP OF 7 IN. CSG.
14 1 1/2 FT CLEAN AND INSPECT AND TALLY 7 IN CSG ON
15 RACKS. CIRC. HOLE.
16 DATE 4-24-83 DAILY COST 23346 CUM@COST 119040
17 CREW 1 - CONT. TO CIRC. RIG DOWN PWR. SWIVEL AND
18 HYD. STRIP HEAD. POOH W/ TBG AND SKIRTED MILL. LAY
19 DOWN TOOLS. CHG EQUIP BACK TO 7 IN. WAIT ON PARRISH
20 RIG UP PARRISH. MADE UP 7 IN. CSG PATCH ON FIRST
21 JT. CSG. DIDNT MAKE UP ALL THE WAY. BREAK APART.
22 RUINED THREAD ON PATCH AND CSG. WAIT ON PARTS
23 OR NEW PATCH.
24 CREW 2 - CONT. WAITING ON PARTS ETC. REPAIR
25 CSG. PATCH. AT 4 PM START IN HOLE W/CSG. TAGGED
26 FILL? IN OPEN HOLE APPROX 20 FT. ABOVE 7 IN CSG.
27 TOP. TRY CIRC DOWN WOULD NOT GO. TRY ROTATING
28 W/CSG TONGS. GOING DOWN BUT HANGING UP WHEN TRY
29 ING TO PULL BACK UP. CIRC. WELL WHILE WAITING ON
X-OVER 7 IN. TO 3 1/2 IN. IA ON POWER SWIVEL.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 12675
CUM. COST: 131715
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-25-83
PRESENT STATUS: PULL AND LAY DOWN 7 IN. CSG
ACTIVITY: CREW 1 - CONT CIRC WELL UNTIL X-OVER ARRIVED AT
02 1:30 AM. CHG OUT X-OVER ON POWER SWIVEL AND MAKE
03 UP TO 7 IN. CSG. TRY ROTATING DOWN WHILE CIRC.
04 WELL. COULDN'T MAKE ANY HOLE. AT 7 AM RIG DOWN
05 SWIVEL AND START PULLING OUT OF HOLE W/ 7 IN. CSG
06 CREW 2 - CONT. PULLING AND LAYING DOWN 7 IN. CSG.
07 FINISH LAYING DOWN 7 IN. CSG. RET TWO MORE JTS.
08 CSG BELOW 7 IN PATCH. MIDDLE COLLAR CRACKED
09 BOTTOM COLLAR SPLIT- LEFT PIN LOOKING UP AT
10 6919.43 FT. CHANGE TO 2 7/8 IN EQUIP RD PARRISH
11 RIH W/82 STDS. LAY DWN 164 SINGLES 5000 FT. TBG.
12 MAKE UP ACME SKIRTED MILL PUT 1 STD IN HOLE CHANGE
13 CREW.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 8158
CUM. COST: 139873
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-26-83
PRESENT STATUS: MILL ON TOP OF 7 IN. CSG
ACTIVITY: CREW 1 - 12 MID TO 12 NOON RIH W/SKIRTED MILL
02 AND 223 JTS. TBG TO 6914. RU PWR SWVL AND HYD.
03 DRLNG HD. BREAK CIRC. PUMPING CONVEN. MILL ON
04 TOP OF 7 IN. CSG 1.5 FT LAY DOWN 11 JTS. RD RIG
05 AND BEGIN TO RU CELLAR BASE. CHANGE CREWS.
06 COST 2673.68
07 CREW 2- 12 NOON TO 12 MID. CONT. RU CELLAR BASE
08 HELP OTHER CREW STAND UP RIG. PREPARE TO PULL
09 2 7/8 IN. TBG. POOH W/TBG AND SHIRTED MILL. LAY
10 DOWN TOOLS. CHG. EQUIP. OVER TO RUN 7 IN. CSG.
11 RIG UP PARRISH CSG. CREW AND PICK UP MACHINE.
12 START IN HOLE W/7 IN. CSG. TALLING AS RUN.
13 COST 2334.20

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

BROTHERSON 1-22B4

LABEL:

WO NO.:

585997

FOREMAN:

B J THOMPSON

RIG:

WOW 17

AUTH. AMNT:

108000

DAILY COST:

19372

CUM. COST:

159245

TYPE OF JOB:

REMEDIAL OIL AND GAS

OBJECTIVE:

CLEAN OUT AND STIMULATE THE WASATCH

DATE(S):

4-27-83

PRESENT STATUS:

TRY TO GET IN CSG.

ACTIVITY:

02

CREW 1 - MIDNIGHT - CONT. RUNNING IN HOLE W/7 IN. CSG. TAGGED TOP OF 7 IN. FISH AT 6915 FT. ALMOST EXACT ON TALLY. WASNT LATCHED ON? TRY ROTATING OVER

03

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21

CSG TOP W/ PARRISH TONGS 2 HRS. COULDNT LATCH UP. POOH LAYING DOWN 7 IN. CSG. NO RECOVERY. SKIRT ON PATCH IN BAD SHAPE. BREAK DOWN PATCH. RIG DOWN PARRISH. CHG OVER TO 2 7/8 IN. EQUIP. PICK UP 7 IN. CSG SPEAR JARS AND B.S. NOON TO 1 PM TRAVEL HOME. COST 2143.40
CREW 2 - FINISH MAKING UP TOOLS. RIH W/ GRAPPLE B.S. AND JARS. ROTATE TO GET INSIDE CSG. PULLED 20000 LB. OVER AND LOST WEIGHT. WENT BACK INTO CSG. 2 MORE TIMES AND SLIPPED OFF TRIED TO GET BACK IN CSG AGAIN WITHOUT SUCCESS. POOH W/ TOOLS AND FOUND GRAPPLE GONE. CALL FOR DECISION. MAKE UP GRAPPLE W/ EXTENSION BETWEEN GRAP. AND STOP. RIH TO TOP OF CSG AT 6915 FT. WE WERE ABLE TO GET INTO CSG. LATCH GRAPPLE AND PULL 125000 LBS. RELEASE GRAPPLE AND SET 3 FT. FROM TOP OF CSG. PULL SAME STRAIN. RELEASE GRAPPLE AND START POOH. CHANGE CREWS.

STATE:
FIELD:

UAH
ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 4748
CUM. COST: 163993
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-28-83
PRESENT STATUS: TRY TO GET INTO CSG.
ACTIVITY:
02 CREW 1 - 12 MID. TO 12 NOON FINISH POOH W/ GRAPPLE
03 EXT. STOP B.SUB. AND JARS. LAY DOWN SAME. MAKE UP
04 8 1/8 IN. SKIRTED MILL W/X-OVERS B. SUB AND
05 JARS. RIH TO TOP OF 7 IN. CSG. AT 6915. RU PWR.
06 SWVL. AND HYD. DRLNG. HEAD. HOOK UP LINES AND
07 BREAK CIRC. PUMP CONVEN. START TO DRESS TOP OF
08 7 IN. CSG. HAD MUCH DIFFICULTY GETTING OVER CSG.
09 MILL DWN. 2 FT. TO 6917 AND DRESS TOP OF CSG. RD
10 PWR. SWVL. AND HYD. DRLG. EQUIP. START POOH W/MILL
11 CHANGE CREW. COST 2522.20
12 CREW 2 - FINISH POOH BROKE DOWN SKIRTED MILL 8 1/8
13 IN. NO MARK ON FLAT BOTTOM MILL. MADE UP 7 IN.
14 GUIBERSON UNI 6 PKR. W/ UNLOADER. RIH TAGGED TOP
15 OF 7 IN. CSG. ROTATE TBG. FELL IN 7 IN. CSG. DROP
16 DOWN 2 FT. STACK OUT. COULDNT GET INTO CSG. POOH
17 LAY DOWN 7 IN. GUIBERSON PKR. PICK UP 8 1/8 IN.
18 SKIRTED FLAT BOTTOM MILL AND BHA RIH. CHG. OF
19 PLANS. LAY DWN. MILLING TOOLS. CHG. TOOLS OVER
20 TO 7 IN. CSG. WAIT ON PARRISH. RIG UP PARRISH.
COST 1725.40

STATE:
FIELD:

UTAH
ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 13365
CUM. COST: 177358
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-29-83

PRESENT STATUS: MILLING

ACTIVITY:

02 ACTIVITY START RUNNING 7 IN CSG IN HOLE AT 7 PM
03 TAGGED TOP OF 7 IN AT 6915 FT TRY ROTATING OVER FISH
04 TOP WORKED OVER CSG W/PATCHED PULL UP LATCHED ON CSG HOOK
05 UP PRESS TEST TO 2000 LBS HELD RD PARRISH CSG CREW
06 AND PICK UP MACH WAIT ON CAMERON AND WELDER SET CSG
07 SLIPS CUT OFF 7 IN CSG HUNG OFF AT 21000 LBS STRIP OFF
08 10 IN BOP CUT CSG FOR PACK OFF INSTALL 6X10 IN SPOOL
09 AND 6 IN BOP ACME 2ND SHIFT ACTIVITY FINISH INSTALLING
10 AND TESTING WELL HEAD EQUIPT INSTALL 6 IN ROPE
11 WAIT ON CORR SIZE GLOBE BASKET MAKES UP
12 BTTM HOLE ASS CONSISTING OF GLOBE BASKET 1 JTS TBG
13 X OVER SRING MILL B.S AND JARS RIH TO PATCHED AREA AT
14 6915 FT STARTED OUT ON WHAT WE BELIEVED TO BE BROKEN
15 GRAPPLE W/DTRING MILL 13 FT ABOVE PATCHED AREA RU SWIVEL
16 HYD DRNLG HEAD BREAK CIRC AND START TO MILL DOWN
17 PUMPING REV LOST RETURNS AND PLUGGED OFF LEFT MILL
18 W/CIRC VERY ERRATIC MILL DOWN TO 6955 FT PUTTING STRING
19 MILL 17 FT BELOW PATCHED AREA STILL HARD GOING
20 RD DRNLG EQUIPT START POOH ROCKS FELL OUT OF TBG
OFF AND ON WHILE POOH SDON

STATE: UTAH
FIELD: ALTAMONT
WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2836 2631 2672
CUM. COST: 185497
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 4-30 TO 5-3
PRESENT STATUS: MILLING ON WELL
ACTIVITY: 4-30 CONT. PILLING OUT OF HOLE WET. LAY DOWN
02 STRING MILL AND OTHER MILLING EQUIP. HYD JARS
03 PLUGGED W/ SHALE. CLEAN OUT. MADE UP 6 IN. MILL
04 W/WIRE INSIDE. BHA. RIH W/ TBG. RIG UP POWER SWIVEL
05 AND HYD STRIPPER. START CIRC. REV. W/MUD. TAGGED
06 FILL SHALE AT 6950 FT. MILL KEPT TRYING TO PLUG
07 OFF. ALSO HAVING TROUBLE W/ SUCTION ON MUD PUMP.
08 PULL UP OFF FILL. BROKE OFF PWR SWVL. HOOK UP
09 STEEL LINE AND CIRC MUD OUT OF HOLE. SDON.
10 5-2 RIG UP POWER SWVL. AND CONT TRYING TO CLEAN OUT SHALE
11 MADE HOLE TO 6995 FT. STILL HAVE GOOD CIRC. BUT
12 COULDN'T MAKE ANY HOLE. CIRC BOTTOMS UP AND POOH.
13 BOTTOM OF MILL FULL OF BAR AND SHALE. LAY DOWN
14 MILLING TOOLS JARS AND B.S. MADE UP BIT SUB AND
15 6 1/8 IN. ROCK BIT. START IN HOLE SDON.
16 5-3 CONT RUNNING IN HOLE. RIG UP SWVL. AND HYD.
17 STRIPPER. TRY DRILLING ON FILL CIRC REVERSED.
18 COULDN'T MAKE ANY HOLE. PUMP HOLE CLEAN. PUMP
19 CONVEN. DRILL FROM 6995 TO 7260 FT. PICK UP OFF
20 BOTTOM JUST ABOVE RET. BRIDGE PLUG AND CIRC. HOLE
21 CLEAN. REMOVE DRILLING HEAD AND HANG BACK SWIVEL
22 START OUT OF HOLE. SDON.

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WD NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2672
CUM. COST: 188169
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-4-83
PRESENT STATUS: PRESS TEST CSG.
ACTIVITY: CONT. PULLING OUT OF HOLE W/ 6 1/8 IN. BIT . LAY
02 DOWN DRILLING TOOLS. MADE UP RET. HEAD FOR B.P.
03 RIH. ALSO RUN 7 IN. HD PKR. ABOVE RET. HEAD SET
04 PKR. AT 6925 FT. APPROX 10 FT. BELOW 7 IN. CSG+
05 PATCH TEST 7 IN. CSG ABOVE PKR. TO 2000 LB. HELD
06 RUN 5 STDS TBG SET PKR AT 7235 FT PRESS TEST LEAKED
07 FOUND ONE LEAK AT 7115 FT. RIG UP SWIVEL AND
08 LATCH ONTO RBP. HAD TROUBLE GETTING LOOSE. AND
09 DRAGGING EXTREMELY BAD IN 7 IN. CSG. PULL 10 STDS
10 TBG. CLOSE WELL IN FOR NIGHT. COST 2522.20

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WD NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 5052
CUM. COST: 193221
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-5-83
PRESENT STATUS: RUN CSG. PROFILE SURVEY.
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED PRESS OFF WELL
02 ON BACKSIDE. CONT. PULLING OUT OF HOLE WET AND
03 GASING VERY BAD. LAY DOWN MT. STATES H.D. 7 IN.
04 PKR. AND RET B.P. RIG UP DIA-LOG. RUN 7 IN. CSG
05 PROFILE SURVEY. RIG DOWN DIA-LOG. MADE UP NEW
06 MT. STATES PKR. AND RET. B.P. AND START IN HOLE.
07 6-7 PM TRAVEL HOME. COST 2018.40

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 10270
CUM. COST: 203491
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-6-83

PRESENT STATUS: TRY TO SQUEEZE CSG.

ACTIVITY:

02 6-7 AM TRAVEL TO LOCATION. BLEED PRESS OFF WELL.
03 CONT. RUNNING IN HOLE W/PKR. AND RET B.P. SET 7 IN.
04 RET. B.P. AT 7620 FT. PULL UP HOLE 75 FT. SET 7 IN
05 H.D. PKR. PRESS TEST B.P. TO 2000 LB. HELD. SPOT SAND ON B.P.
06 APPROX. 15 FT. PULL UP AND TEST 2 MORE TIMES. POOH
07 AND LAY DOWN 7 IN. PKR. AND RET. HEAD. MADE UP 7
08 IN. CMT. RETAINER. RIH TO APPROX. 6800 FT. SET
09 RETAINER AND PRESS TEST. RIG UP HALIBURTON. GOT
10 INJ. RATE 2 1/2 BBL AT 2800 PSI. SPOT CMT. IN TBG
11 LATCH BACK INTO RETAINER. SPOT CMT. IN HOLES IN
12 CSG. AND START STAGING. CONT. STAGING UNTIL 3 AM.
13 PUMP LAST BBL. CMT. INTO FORMATION FOLLOWED BY 10
14 BBL. WTR. UNLATCH FROM RETAINER. REV. CIRC. TBG
15 W/100 BBL. PROD. WTR. CLEAN UP HALIBURTON PUMP
16 TRUCK WAIT ON MORE CMT. 4-5 AM CREW TRAVEL HOME.
17 5-7-83 DAILY COST 2088 CUM COST 205579
18 6-7 AM TRAVEL TO LOCATION. TRY TO SQUEEZE CSG.
19 AGAIN. FINALLY GOT SQUEEZE. RIG DOWN HALIBURTON.
20 POOH W/STINGER FOR CMT. RETAINER. LAY DOWN TOOL.
21 PICK UP SIX 4 3/4 D.C 6 1/8 IN. ROCK BIT ETC. RIH
22 W/MILLING TOOLS TO 6550 FT. CLOSE WELL IN FOR
WEEKEND. 6-7 PM TRAVEL HOME COST 1938.40

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 15208
CUM. COST: 220787
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-9-83
PRESENT STATUS: DRILL UP RETAINER
ACTIVITY: 6-7 AM TRAVEL TO LOCATION. FINISH RUNNING IN HOLE
TAGGED CMT. RETAINER. RIG UP POWER SWIVEL AND HYD.
02 STRIPPER. TRY DRILLING UP RETAINER WHILE CIRC.
03 REVERSED. TOOK APPROX. 2 HRS TO DRILL UP RETAINER
04 DROP DOWN TO CMT. CONT. DRILLING COULDNT MAKE
05 ANY HOLE. HANG BACK SWIVEL AND REMOVE DRILLING
06 HEAD. POOH CHG. OUT BIT. MADE UP NEW BIT AND
07 JUNK SUB. START BACK IN HOLE. 7-8 PM CLOSE WELL
08 IN AND TRAVEL HONE. COST 3057.79
09

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 3631
CUM. COST: 227657
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-10-83
PRESENT STATUS: DRILLING ON CMT.
ACTIVITY: 6-7 AM TRAVEL TO LOCATION. CONT. RUNNING IN HOLE
W/NEW DRILLING B.H.A. TAGGED CMT. AND JUNK AT
02 6825 FT. TRY CIRC. REV. COULDNT. KEPT FLUGGING
03 OFF. TRY GOING CONVENTIONAL. PLUGGED. TRY PUMPING
04 PLUG OUT. CONT. DRILLING. MADE APPROX. 5 FT. OF
05 HOLE. POOH W/DRILLING TOOLS. BIT WORN OUT COMPLETEL
06 MADE UP 6 IN. O.D. BLADED MILL. START IN HOLE.
07 CLOSE WELL IN FOR NIGHT. COST 2481.00
08

STATE: UTAH
FIELD: ALTAMONT
WELL: BROTHERSON 1-22B4
LABEL: -----
WD NO.: 585997
FOREMAN: B J THOMPSON
RIG: WQW 17
AUTH. AMNT: 108000
DAILY COST: 3239
CUM. COST: 227657
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-11-83
PRESENT STATUS: MILL ON JUNK
ACTIVITY: 6-7 AM TRAVEL TO LOCATION. CONT. RUNNING IN HOLE.
02 HOOK UP AND PUMP ACID TO CLEAN CMT. OUT OF TBG.
03 1/8 IN. WALL INSIDE 2 7/8 IN. TBG. PUMP DOWN TBG.
04 FOLLOW W/40 BBLs. WTR. REV. ACID TO PIT. RIG UP
05 DRILLING EQUIP. TAGGED JUNK AT 6830 FT. MILL ON
06 JUNK. MILL TO 6915 FT. CIRC. HOLE CLEAN. PULL UP
07 OFF BTM. 6-7 PM TRAVEL HOME. SDON AND EQUIP. DRAINED

STATE: UTAH
FIELD: ALTAMONT
WELL: BROTHERSON 1-22B4
LABEL: -----
WD NO.: 585997
FOREMAN: B J THOMPSON
RIG: WQW 17
AUTH. AMNT: 108000
DAILY COST: 2653
CUM. COST: 230310
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-12-83
PRESENT STATUS: MILLING ON CMT.
ACTIVITY: 6-7 AM TRAVEL TO LOCATION. RIG UP SWIVEL AND
02 TAGGED CMT AT 6915 FT. CONT. MILLING ON CMT.
03 MILLED TO 7052 FT. CIRC. HOLE CLEAN. PULL UP OFF
04 BOTTOM. CLOSE WELL IN FOR NIGHT. 5-6 PM TRAVEL
05 HOME. COST 2272.20

STATE:
FIELD:

UTAH
ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2756
CUM. COST: 238336
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-13-83
PRESENT STATUS: MILLING ON CMT.
ACTIVITY: 6-7 AM TRAVEL TO LOCATION. RIH TO CMT. TOP AT
02 7052 FT. START MILLING ON CMT. AGAIN. MILL TO
03 APPROX. 7130 FT. FELL OUT OF CMT. RIH W/TBG. TO
04 7280 FT. TRY TO PRESS. UP ON WELL. LOST 200 PSI
05 IN 10 MIN. HOOK UP AND CIRC. HOLE CLEAN. HANG
06 BACK SWIVEL AND REMOVE STRIPPER HEAD. PRESS UP TO
07 2000 PSI. CLOSE WELL IN FOR NIGHT 7-8 PM TRAVEL
08 HOME.
09 DATE 4-14-83 DAILY COST 2647 CUM COST 235719
10 6-7 AM TRAVEL TO LOCATION. CHECK PRESS ON WELL.
11 POOH W/MILLING TOOLS. LOST 1300 PSI IN 12 HRS.
12 LAY DOWN ACME MILLING TOOLS. PICK UP RET. HEAD
13 FOR B.P. RIH CIRC. SAND OFF B.P. AND RETRIEVE
14 B.P. HAD PROBLEMS PLUGGING OFF RET. TOOL. START
15 OUT OF HOLE W/RET. B.P. PULLED APPROX. 3500 FT.
16 CLOSE WELL IN FOR NIGHT. 6-7 PM TRAVEL HOME.
17 COST 2497.20

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 585997
FOREMAN: B J THOMPSON
RIG: WOW 17
AUTH. AMNT: 108000
DAILY COST: 2623
CUM. COST: 238336
TYPE OF JOB: REMEDIAL OIL AND GAS
OBJECTIVE: CLEAN OUT AND STIMULATE THE WASATCH

DATE(S): 5-16-83
PRESENT STATUS: FINAL RIG REPORT
ACTIVITY: 6-7 AM TRAVEL TO LOCATION. BLEED PRESS OFF TBG.
02 AND CSG. CONT. PULLING OUT OF HOLE W/MT. STATES
03 7 IN. RET. B.P. LAY DOWN TOOLS. MADE UP 7 IN.
04 BAKER FULLBORE PKR. AND PLUS. 45 S.N. RIH INSTALL
05 ING CAMCOS AS PER PROG. SET PKR. AT 10531 FT. W/
06 20000 LB. TENSION ON TBG. CHG. OUT STACKS. INSTALL
07 AND TEST 5000 LB. PRODUCTION TREE. RACK OUT EQUIP
08 AND RIG DOWN. LEAVE WELL SHUT IN FOR NIGHT. 7-8
09 PM TRAVEL HOME. FINAL TICKET THIS WELL. COST
10 2473.40 TOTAL RIG COSTS 100217.48

STATE:
FIELD:

UTAH
ALTAMONT

WELL:

BROTHERSON 1-22B4

LABEL:
WO NO.:
FOREMAN:
RIG:
AUTH. AMNT:
CUM. COST:
TYPE OF JOB:
OBJECTIVE:

FINAL REPORT
585997
B J THOMPSON
WOW 17
108000
238336
REMEDIAL OIL AND GAS
CLEAN OUT AND STIMULATE THE WASATCH

DATE(S):
PRESENT STATUS:

5-27-83
WELL ON PRODUCTION

LATEST TEST:
ACTIVITY:

7 DAY AVG. 27 OIL 308 WTR 780 MCF 554 INJ

02

5-19 43 OIL 341 WTR 762 MCF 513 INJ

03

5-20 43 OIL 333 WTR 821 MCF 658 INJ

04

5-21 17 OIL 258 WTR 821 MCF 612 INJ

05

5-22 20 OIL 295 WTR 722 MCF 350 INJ

06

5-23 26 OIL 329 WTR 843 MCF 612 INJ

07

5-24 23 OIL 308 WTR 831 MCF 585 INJ

08

5-25 20 OIL 292 WTR 657 MCF 550 INJ

09

ALL PRODUCTION IS FOR 24 HRS. WELL IS ON A 64 TBG

10

CHOKE AND HAS AN AVG. TBG. PRESS OF 150 LBS.

RIG MOVED FROM LOCATION ON 5-16-83.

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.)

<p>1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Shell Oil Company ATTN: B. T. Ellsion 6486 WCK.</p> <p>3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1642' FNL & 1297' FEL Sec. 22</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 Brotherson</p> <p>9. WELL NO. 1-22B4</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22 T2S R4W SE/4 NE/4</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6305'</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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Current Status: Currently producing 20 BOPD + 165 BWPD and 650 MCFPD from Wasatch (10,646'-12,668').

Proposed Work: Clean out and stimulate above perforations with 20,000 gallons 15% HCL.

RECEIVED
AUG 01 1983

DIVISION OF
OIL, GAS & MINING

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

SIGNED Bart A. Slive TITLE Div. Prod. Engr. DATE July 27, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO. Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Brotherson
9. WELL NO. 1-22B4
10. FIELD AND POOL, OR WILDCAT Altamont
11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec. 22 T2S R4W SE/4 NE/4
12. COUNTY OR PARISH Duchesne
13. STATE Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company ATTN: C. A. Miller 6494 WCK.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1642' FNL & 1297' FEL Sec. 22

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6305'

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

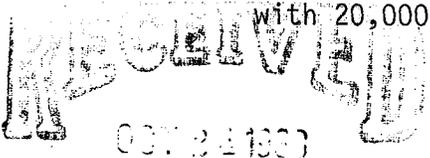
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

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

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

COMPLETED OPERATIONS
(10/5-12/83)

Cleaned out and acid treated Wasatch (10,646'-12,668') with 20,000 gallons 15% HCL. Returned well to production.



DIVISION OF OIL, GAS & MINING

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

SIGNED Bert Clark TITLE Div. Oper. Engr. DATE 10/13/83
TAO C.A. MILLER

(This space for Federal or State office use)

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

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: FIRST REPORT
WO NO.: 592897
FOREMAN: B.A. RODRIGUEZ
RIG: WQW 17
AUTH. AMNT: 60800
DAILY COST: 1473
CUM. COST: 3286
TYPE OF JOB: CLEAN OUT STIMULATE
OBJECTIVE: WASATCH

DATE(S): 10-5-83
PRESENT STATUS: UNSEAT PKR
LATEST TEST: SEPT AVE 20 OIL 131 WTR

ACTIVITY: MOVE IN R/U BLEED WELL CHG OUT STK INSTALL AND
02 TEST 6 IN BOP'S COULDNT GET HANGER OUT OF HEAD
03 CHECK JAM BOLTS REMOVE BOP PUMP DOWN WELL PUT BOP
04 BACK ON AGAIN STILL COULDNT PULL SOON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-22B4

LABEL: -----
WO NO.: 592897
FOREMAN: B.A. RODRIGUEZ
RIG: WQW 17
AUTH. AMNT: 60800
DAILY COST: 4273
CUM. COST: 7559
TYPE OF JOB: CLEAN OUT STIMULATE
OBJECTIVE: WASATCH

DATE(S): 10-6-83
PRESENT STATUS: POOH W/ TBG

ACTIVITY: HOT OILER PUMPING 300 DEGREE WTR DOWN TBG
02 STILL WOULDNT PULL LOOSE W/O DIA-LOG SHOT TBG OFF
03 1/2 JT ABOVE PKR STILL WOULDNT PULL REMOVE 6 X 10
04 SPOOL TBG HANGER STUCK IN SPOOL CHG OUT SPOOL
05 RE-INSTALL BOP START OUT OF HOLE SOON

STATE:
FIELD:

UTAH
ALTAMONT

WELL: BROTHERSON 1-2284

LABEL: -----
WO NO.: 592897
FOREMAN: B.A. RODRIGUEZ
RIG: WQW 17
AUTH. AMNT: 60800
DAILY COST: 5094 3298
CUM. COST: 12653 15951
TYPE OF JOB: CLEAN OUT STIMULATE
OBJECTIVE: WASATCH

DATE(S): 10-7 AND 10-8-83
PRESENT STATUS: RIH W/ JUNK SNATCHER

ACTIVITY: 10-7-83 POOH W/ TBG LAYING DOWN CAMCOB
02 RIH W/ 5 3/4 IN COCOB O S AND TOOLS LATCH ONTO
03 TBG AND FULLBORE PKR RUN DOWN TO 5 IN LINER TOP
04 SOOH W/ FISH AND TOOLS SOON
05 10-8-83 CONT POOH LAY DOWN TOOLS
06 M/U CAVIN JUNK SNATCHER TOOL RIH CLEAN OUT TO
07 12690 FT. PBTD POC 5 IN LINER SOON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-2284

LABEL: -----
WO NO.: 592897
FOREMAN: B.A. RODRIGUEZ
RIG: WQW 17
AUTH. AMNT: 60800
DAILY COST: 4416
CUM. COST: 20367
TYPE OF JOB: CLEAN OUT STIMULATE
OBJECTIVE: WASATCH

DATE(S): 10-10-83
PRESENT STATUS: RIH

ACTIVITY: CONT POOH HAD TO PUMP DOWN CSG TO HEAT OIL TO DROP
02 BAR ON DRAIN WELL BLOWING WHEN HYD VALVE REMOVED
03 CONT PULLING PLUGGED FLOWING WET TBG BREAK DOWN
04 TOOLS M/U AND RIH W/ 7 IN HD PKR DRIFTING PLUGGED
05 TBG STOPPED AT 9000 FT SOON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-2284

LABEL: -----
WO NO.: 592897
FOREMAN: B.A. RODRIGUEZ
RIG: WQW 17
AUTH. AMNT: 60800
DAILY COST: 10187
CUM. COST: 30554
TYPE OF JOB: CLEAN OUT STIMULATE
OBJECTIVE: WASATCH

DATE(S): 10-11-83
PRESENT STATUS: POOH

ACTIVITY: FIN RTH SET PKR 10470 FT W/ 30000 LBS TENSION
02 REMOVE BOP INSTALL FRAC TREE R/U NOWSCO AND ACIDIZE
03 ACCORDING TO PROG PUMPED 20000 GAL HCL AT 4 BBLs
04 PER MIN AVE PRESS 70 PSI FLUSHED W/ 210 BBLs MTR
05 R/D NOWSCO CHG STACK INSTALL BOP RELEASE PKR
06 SOOH SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BROTHERSON 1-2284

LABEL: FINAL REPORT
WO NO.: 592897
FOREMAN: B.A. RODRIGUEZ
RIG: WQW 17
AUTH. AMNT: 60800
DAILY COST: 2163
CUM. COST: 32717
TYPE OF JOB: CLEAN OUT STIMULATE
OBJECTIVE: WASATCH

DATE(S): 10-12-83
PRESENT STATUS: RIG DOWN AND MOVE

ACTIVITY: 70
02 POOH W/ TBG P/U RTH W/ 7 IN 26 FULLBORE PKR AND
03 GAS LIFT EQUIP SET PKR 10530 FT LAND TBG W/ 20000
04 LBS REMOVE BOP INSTALL WELL HEAD RIG DOWN AND MOVE

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

PERMIT IN TRIPLICATE
(Other instructions on reverse side)

010905A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR ANR Limited Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements.* See also space 17 below.) At surface See attached list		8. FARM OR LEASE NAME <i>Brotherson</i>
14. PERMIT NO. <i>43-013-30227</i>		9. WELL NO. <i>1-22B4</i>
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>Sec. 22 25 4w</i>
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH 13. STATE <i>Duchesne</i>

RECEIVED
DEC 31 1986

DIVISION OF
OIL, GAS & MINING

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

(Other) - Change Operator

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

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

SIGNED

Don K. Nelson

TITLE

Dist. Land Mgr.

DATE

12/24/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
SHELL TEW 1-10B5			WSTC				
4301330178	01755 02S 05W 10		WSTC				
ELLSWORTH 1-19B4			WSTC				
4301330183	01760 02S 04W 19		WSTC				
ELLSWORTH #2-19B4			WSTC				
4301331105	01761 02S 04W 19		WSTC				
GOODRICH 1-2B3			GR-WS				
4301330182	01765 02S 03W 2		GR-WS				
BROTHERSON 1-15B4			WSTC				
4301330159	01770 02S 04W 15		WSTC				
BROTHERSON 2-15B4			WSTC				
4301331103	01771 02S 04W 15		WSTC				
EVANS 1-19B3			WSTC				
4301330265	01776 02S 03W 19		WSTC				
BROTHERSON 1-22B4			WSTC				
4301330227	01780 02S 04W 22		WSTC				
BIRCH 1-27B5			WSTC				
4301330197	01781 02S 05W 27		WSTC				
BROTHERSON #2-22B4			WSTC				
4301331086	01782 02S 04W 22		WSTC				
BIRCH #3-27B5			WSTC				
4301331126	01783 02S 05W 27		WSTC				
HANSKUTT 1-23B5			WSTC				
4301330172	01785 02S 05W 23		WSTC				
MURDOCK 1-34B5			WSTC				
4301330230	01786 02S 05W 34		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

N0235

N0675 ←

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
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:

7. Unit Agreement Name:

8. Well Name and Number:

Brotherson #1-22B4

9. API Well Number:

43-013-30227

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: 1642' FNL & 1297' FEL

QQ, Sec., T., R., M.: SE/4 NE/4 Section 22-T2S-R4W

County:

Duchesne

State:

Utah

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

NOTICE OF INTENT

(Submit in Duplicate)

- 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 6/11/94

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.

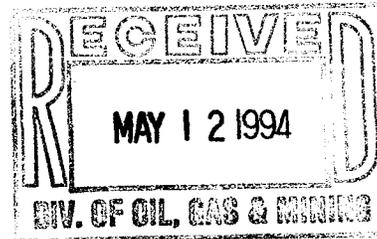
* Must be accompanied by a cement verification report.

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 attached workover procedure to shut off water and acid stimulate the subject well.

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

DATE: 5-16-94
BY: [Signature]



13.

Name & Signature:

[Signature]

N.O. Shiflett

Title: Dist. Drlg. Mgr.

Date: 5/11/94

(This space for State use only)

WORKOVER PROCEDURE

BROTHERSON #1-22B4

Section 22-T2S-R4W
Altamont Field
Duchesne County, Utah

WELL DATA

LOCATION: 1,297' FEL and 1,642' FNL
ELEVATION: 6,278' GL; 6,305' KB
TOTAL DEPTH: 12,706' PBD: 12,685'
CASING: 9-5/8", 40#, K-55 ST&C @ 5,995' cmt'd w/ 330 sxs
7", 26#, YS-95 LT&C from 0' - 9,295' and
S-95 from 9,295 - 10,904 cmt w/ 374 sxs
NOTE: Bowen Casing patch at 6915'.
5", 18#, N-80 LT&C from 10,750' - 12,705' cmt w/ 230 sxs
TUBING: 2-7/8" N-80 @ 10,519'.

TUBULAR DATA

Description	ID	Drift	Capacity B/F	Burst Psi	Collapse Psi
9-5/8" 40# K-55	8.835"	8.679"	.0758	3950	2570
7" 26# YS-95 LT&C	6.276"	6.151"	.0382	8600	7800
7" 26# S-95 LT&C	6.276"	6.151"	.0382	8600	7800
5" 18# N-80	4.276"	4.151"	.0177	10140	10490

WELL HISTORY

10/73 Initial Completion. Perforate from 10,798' to 12,668', 3 SPF, 144 holes. Acidized with 44,000 gals 15% HCL using ball sealers. Flowed 1230 BOPD, 1263 MCFPD, 0 BWPD w/ FTP @ 3500 psi on 11/64" choke.

01/77 Acidize entire well with 2500 gals 15% acid.
Prior Production: 128 BOPD, 113 MCFPD, 288 BWPD
Post Production: 451 BOPD, 720 MCFPD, 292 BWPD

06/79 Add Wasatch perforations 10,646'-12,667', 381 holes. Acidize w/ 40,950 gals 7-1/2% acid.
Prior Production: 44 BOPD, 1 MCFPD, 146 BWPD
Post Production: 797 BOPD, 714 MCFPD, 23 BWPD

04/83 Acidize entire well bore with 35,000 gals 7-1/2% acid and ball sealers.
Prior Production: 34 BOPD, 141 MCFPD, 154 BWPD
Post Production: 11 BOPD, 105 MCFPD, 113 BWPD

10/83 Acidize entire well bore with 20,000 gals 15% acid and ball sealers.
Prior Production: 20 BOPD, 165 MCFPD, 650 BWPD
Post Production: 31 BOPD, 326 MCFPD, 862 BWPD

PRESENT STATUS

Producing 38 BOPD, 206 MCFD, 401 BWPD on beam pump.

PROCEDURE

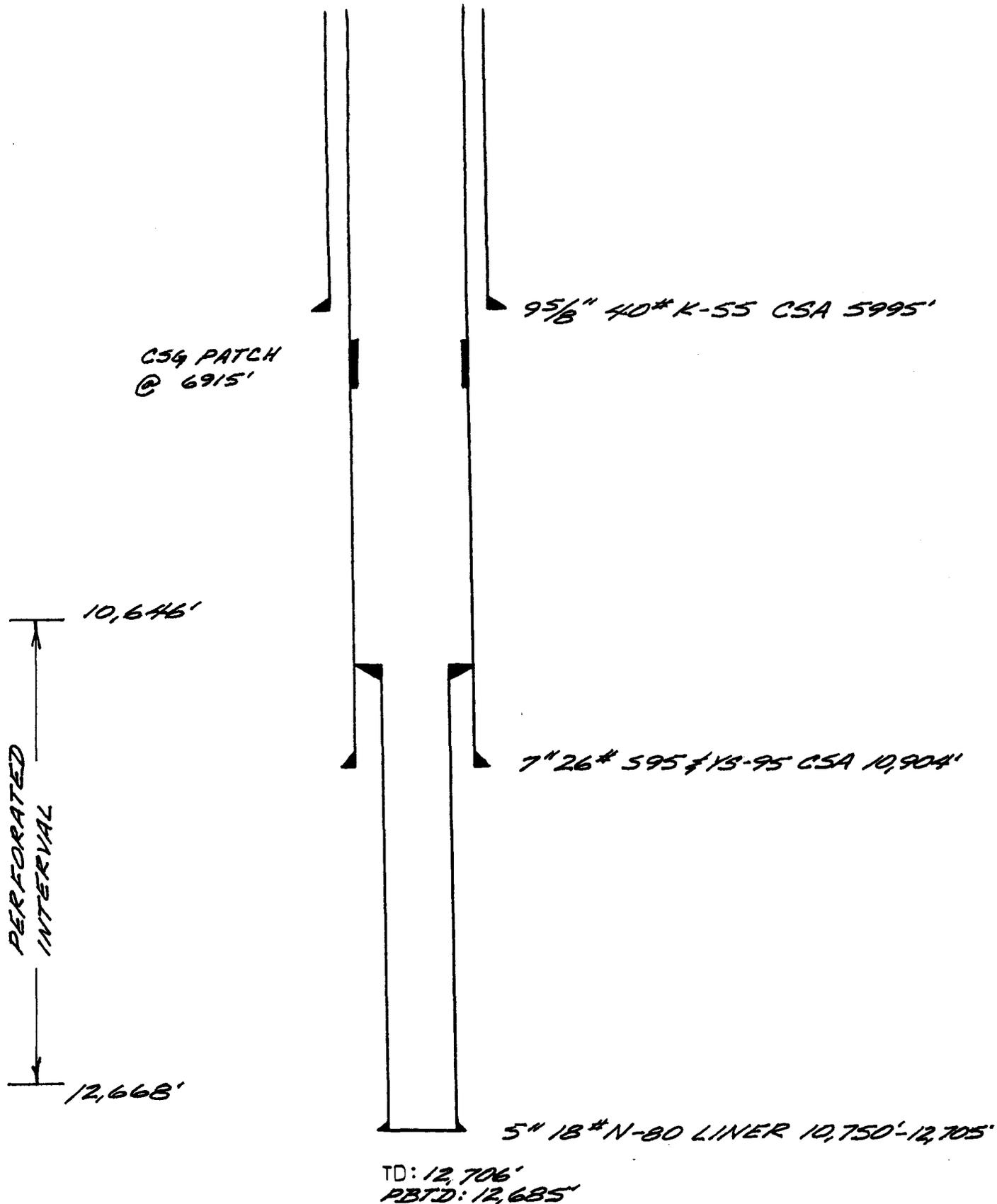
- 1) MIRU service rig. POOH with rods and pump. ND wellhead and NU BOPE. Release TAC at +/- 8,992'. POOH w/ tubing.
- 2) RIH w/ CO tools. CO 7" casing to liner top @ 10,750'. CO 5" liner to PBDT +/- 11,700'.

- 3) RU wireline company. RIH w/ 5" CICR. Set retainer at 11,640'. (Note perforations at 11,605' and 11,654'. RIH w/ 2-7/8" tubing. Sting into cmt retainer. Pump into retainer to establish rate. Sting out of retainer. Mix and spot 50 sx cement plug below retainer. Un sting from retainer and POOH. If squeeze is obtained, reverse out excess cement.
- 4) PU & RIH w/ 7" Mountain State Arrowset I, 10k, packer with on/off tool and profile nipple on 3-1/2" N-80 9.3# tubing. Set packer at +/- 10,600'. (Note top perforation at 10,646'.)
- 5) Acidize perforations 10,646' to 11,605' using 16,000 gals 7-1/2% HCL BAF, rock salt, and ball sealers as shown on attached schedule. Run RA tracer to delineate stimulated zones.
- 6) Flow and swab back acid load.
- 7) If well flows back strongly, drop plug and release from on/off tool. POOH and LD 3-1/2" tubing. RIH with 2-7/8" tubing. Latch into packer. Retrieve plug and return well to production
- 8) RU Western Atlas. Run Prism log over stimulated interval.
- 9) When pressure drops and the well quits flowing, RIH w/ production equipment.

DKD:dkd *DKD*

PRESENT WELLBORE SCHEMATIC

BROTHERSON #1-22 BA
SEC 22 T2S RAW
DUCHE'SNE CO., UTAH
GL 6278'
KB 6305'



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: Fee
	6. If Indian, Allottee or Tribe Name: N/A
	7. Unit Agreement Name: N/A
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number: Brotherson #1-22-B4
2. Name of Operator: ANR Production Company	9. API Well Number: 43-013-30227
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	10. Field and Pool, or Wildcat: Altamont
4. Location of Well Footages: 1616' FWL & 1533' FSL County: Duchesne QQ, Sec., T., R., M.: NE/SW Section 22-T2S-R4W 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"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____ Date of work completion <u>6/6/94</u> 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.
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <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 checked="" type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input checked="" type="checkbox"/> Water Shut-Off

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 in the subject well.

13. Name & Signature: N.O. Shiflett / nab Title: N.O. Shiflett Dist. Drlg. Manager Date: 6/29/94

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-22B4 (WTR SHUT-OFF/L. WASATCH, ACIDIZE U. WASATCH)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 71.28021% ANR AFE: 00210

PAGE 2

5/21/94 Continue RIH w/2 $\frac{7}{8}$ " tbg.
Continue POOH w/337 jts 3 $\frac{1}{2}$ " tbg & MS 7" pkr. (Tight spot in 7"
csg @ 7124'. Pulled 10,000# over to get 7" pkr thru.) XO equip to
2 $\frac{7}{8}$ " tbg. PU & RIH w/7" MS TAC, BHA & 222 jts 2 $\frac{7}{8}$ " tbg. CC: \$81,355

5/22/94 Well on production.
Continue RIH w/62 jts 2 $\frac{7}{8}$ " tbg, set 7" TAC @ 8960' w/20,000#
tension, PSN @ 8853'. ND BOP, RD work floor, XO equip to rods.
Flush tbg w/70 BW. PU & prime Nat'l 1 $\frac{3}{4}$ " pump. RIH w/rods. Fill
tbg w/26 bbls, test to 500#, held. RU unit & PU HH. Space out &
hang off rods. Place well on pump. CC: \$90,015

5/22/94 Pmpd 31 BO, 286 BW, 40 MCF/19 hrs, 10.2 SPM.

5/23/94 Pmpd 42 BO, 311 BW, 89 MCF, 9.9 SPM.

5/24/94 Pmpd 64 BO, 303 BW, 133 MCF, 9.9 SPM.

5/25/94 Pmpd 60 BO, 247 BW, 173 MCF.

5/26/94 Pmpd 79 BO, 274 BW, 182 MCF.

5/27/94 Pmpd 59 BO, 274 BW, 166 MCF.

5/28/94 Pmpd 60 BO, 279 BW, 184 MCF.

5/29/94 Pmpd 74 BO, 293 BW, 198 MCF.

5/30/94 Pmpd 40 BO, 171 BW, 150 MCF, 9.9 SPM.
Will check FL.

5/31/94 Pmpd 33 BO, 155 BW, 73 MCF.
Ran dyno, traveling valve bad. Will CO pump.

6/1/94 Pmpd 15 BO, 273 BW, 52 MCF, 16 hrs. Down 8 hrs - pump change.
MIRU, unseat pump, flush tbg. Re-seat & PT to 500#, held. TOOH
w/pump, flush tbg. PU new pump & TIH. Seat & space out pump.
fill tbg w/31 BW. PT to 500#, held. RDMO, clean location. CC:
\$93,685

6/2/94 Pmpd 45 BO, 347 BW, 101 MCF, 9.9 SPM.

6/3/94 Pmpd 50 BO, 322 BW, 165 MCF.

6/4/94 Pmpd 49 BO, 380 BW, 168 MCF.

6/5/94 Pmpd 43 BO, 375 BW, 184 MCF.

6/6/94 Pmpd 57 BO, 385 BW, 76 MCF.

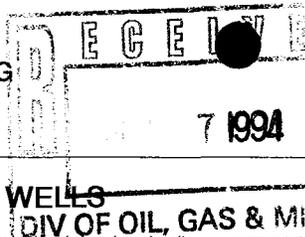
Prior prod: 27 BO, 386 BW, 189 MCF. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-22B4 (WTR SHUT-OFF/L. WASATCH, ACIDIZE U. WASATCH) PAGE 1
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 71.28021% ANR AFE: 00210
TD: 12,706' PBD: 12,690'
5" @ 10,750'-12,705'
PERFS: 10,646'-12,668'
CWC(M\$): 103.0

- 5/10/94 POOH w/2 $\frac{7}{8}$ " tbg & BHA.
MIRU. Unseat pump. Flush tbg w/50 BW. Seat pump & test to 500#, held. POOH w/rods & pump. PU on tbg, TAC not set. NU BOP. CC: \$2,715
- 5/11/94 RIH w/CO tools.
POOH w/2 $\frac{7}{8}$ " tbg & BHA. CC: \$5,115
- 5/12/94 POOH w/7" scraper.
PU 7" 26# oilfield scraper & RIH tallying 2 $\frac{7}{8}$ " tbg w/323 jts to 5" LT @ 10,750'. POOH w/200 jts. CC: \$8,160
- 5/13/94 POOH w/2 $\frac{7}{8}$ " tbg & CO tools.
Continue POOH w/124 jts 2 $\frac{7}{8}$ " tbg & 7" csg scraper. PU 4 $\frac{1}{8}$ " mill, CO tools & 70 jts 2 $\frac{7}{8}$ ". RIH w/334 jts 2 $\frac{7}{8}$ ". CO fill from 12,680' to 12,690' PBD. POOH w/180 jts 2 $\frac{7}{8}$ " tbg. CC: \$13,745
- 5/14-15/94 SD for weekend.
- 5/16/94 Continue RIH hydrotesting 2 $\frac{7}{8}$ " tbg.
POOH w/2 $\frac{7}{8}$ " tbg & CO tools. Rec 1 $\frac{1}{2}$ jts full of scale, fmn, cmt, small pieces of iron. RU Cutters. RIH w/5" CICR & set @ 11,640'. RIH w/stinger & 30 jts 2 $\frac{7}{8}$ " & 130 jts 2 $\frac{7}{8}$ " tbg. Hydrotest tbg to 8500#. CC: \$20,480
- 5/17/94 POOH w/2 $\frac{3}{8}$ " tbg & stinger.
Continue RIH w/2 $\frac{7}{8}$ " tbg. Hydrotesting to 8500#. Jt #78 blew. Sting into retainer @ 11,640'. Est inj rate, 5 BPM @ 800 psi. Pmpd 50 sx Class "H" cmt into retainer, 5.5 BPM @ 1000 psi. Stung out & POOH w/20 jts. Flush tbg w/70 BW. Continue POOH w/tbg to 2 $\frac{3}{8}$ ". CC: \$31,640
- 5/18/94 PU 3 $\frac{1}{2}$ " tbg.
POOH w/tbg & WL stinger. RIH w/1.78" F-profile nipple, 1-jt 2 $\frac{7}{8}$ " tbg, 7" MS Arrowset I, 10K pkr w/on-off tool & 332 jts 3 $\frac{1}{2}$ " tbg. CC: \$38,215
- 5/19/94 Swab testing.
Continue RIH w/7" 10K pkr, set @ 10,582'. Fill csg, test to 2000#, 15 min. MIRU Dowell to acidize perfs @ 10,646'-12,668'. Pmpd 240 bbls 3% KCl, 119 bbls diverter w/0.5# x 0.5# BAF & salt w/antimony, 143 bbls 7 $\frac{1}{2}$ % HCl w/140 - 1.1 BS's w/scandium, 95 bbls diverter w/0.5# x 0.5# BAF & salt, 238 bbls 7 $\frac{1}{2}$ % HCl w/230 - 1.1 BS's w/iridium, 143 bbls 3% HCl flush (total 16,000 gals 7 $\frac{1}{2}$ % HCl). MTP 9000#, ATP 7000#, MTR 31 BPM, ATR 22.5 BPM. ISIP 3420#, 4 min 0#, fair diversion, 1115 BLTR. RDMO Dowell. RU swab, made 8 runs. Rec 42 bbls, FFL @ 6800'. CC: \$71,495
- 5/20/94 POOH w/3 $\frac{1}{2}$ " tbg & pkr.
Tbg pressure 250#. Blow down tbg, 1-hr. Made 16 swab runs, IFL @ 6000'. Rec 89 bbls, FFL @ 7200'. RD swab equip. RU rig pump. Pmpd down tbg w/50 BW. Unset 7" 10K pkr @ 10,582', let equalize. POOH & LD 10 jts 3 $\frac{1}{2}$ " tbg. (Rec 131 bbls.) CC: \$75,380



7 1994

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:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Brotherson #1-22B4

9. API Well Number:

43-013-30227

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

1642' FNL 1297' FEL

Footages:

1016' FWL & 1533' FSL

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

SE/NE Section 22-T2S-R4W

County: Duchesne

State: Utah

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

NOTICE OF INTENT

(Submit In Duplicate)

- 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

Upon Approval

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 the subject well.

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

DATE: 12/8/94
BY: [Signature]

13.

Name & Signature:

[Signature: N.O. Shiflett]

N.O. Shiflett

Title: District Drilling Manager

Date: 12/05/94

(This space for State use only)

WORKOVER PROCEDURE

Brotherson #1-22B4

NE Section 22-2S-4W

Altamont Field

Duchesne County, UT

November 10, 1994

WELL DATA

LOCATION: 1642' FNL and 1297' FEL
ELEVATION: 6305' KB; 6278' GL
TOTAL DEPTH: 12,706' PBD: 12,685'
CASING: 9-5/8" 40# K-55 LT&C set @ 5995'
7" 26# S-95 @ 10,904'
LINER: 5", 18#, N-80 SFJ f/10,750'-12,705'
TUBING: 2-7/8", 6.5#, N-80

CASING TUBING PROPERTIES:

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

Perforated Interval: Current - 10,646-12,668' to be TA'd
Proposed - 10,070-10,606', 3 SPF 108 holes

WELL HISTORY:

Oct. 1973 D&C to Wasatch 10,798-12,688'. Acdz w/44,000 gal 15%. IP'd @ 1230 BO, 1263 MCF and 0 BWPD w/3500 FTP.

Jan. 1977 Acidized w/2500 gal 15%
Prior Production: 128 BO/113 MCFD/288 BWPD
Post Production: 451 BO/720 MCFD/720 BWPD

June 1979 Add infill perms 10,646-12,667'. Acdz w/41,000 gal 7-1/2%
Prior Production: 44 BOPD/146 BWPD
Post Production: 797 BOPD, 714 MCFD, 23 BWPD

Apr. 1983 Ran casing patch @ 6915' and squeezed leak @ 7115'. Acidized w/35,000 gal 7-1/2%.
Prior Production: 34 BO/141 MCFD/154 BWPD
Post Production: 11 BO/105 MCFD/113 BWPD

Oct. 1983 Acdz w/20,000 gal 15%
Prior Production: 20 BO/165 MCFD/650 BWPD
Post Production: 31 BO/326 MCFD/862 BWPD

Feb. 1989 CO and convert to beam pump.
Prior Production: 30 BO/120 MCFD/180 BWPD
Post Production: 135 BO/350 MCFD/500 BWPD

May 1994 CO, P&A lower Wasatch, Acdz remaining perms.
Prior Production: 25 BO/300 MCFD/350 BWPD
Post Production: 35 BO/150 MCFD/300 BWPD

PRESENT STATUS:

Temporarily Abandoned.

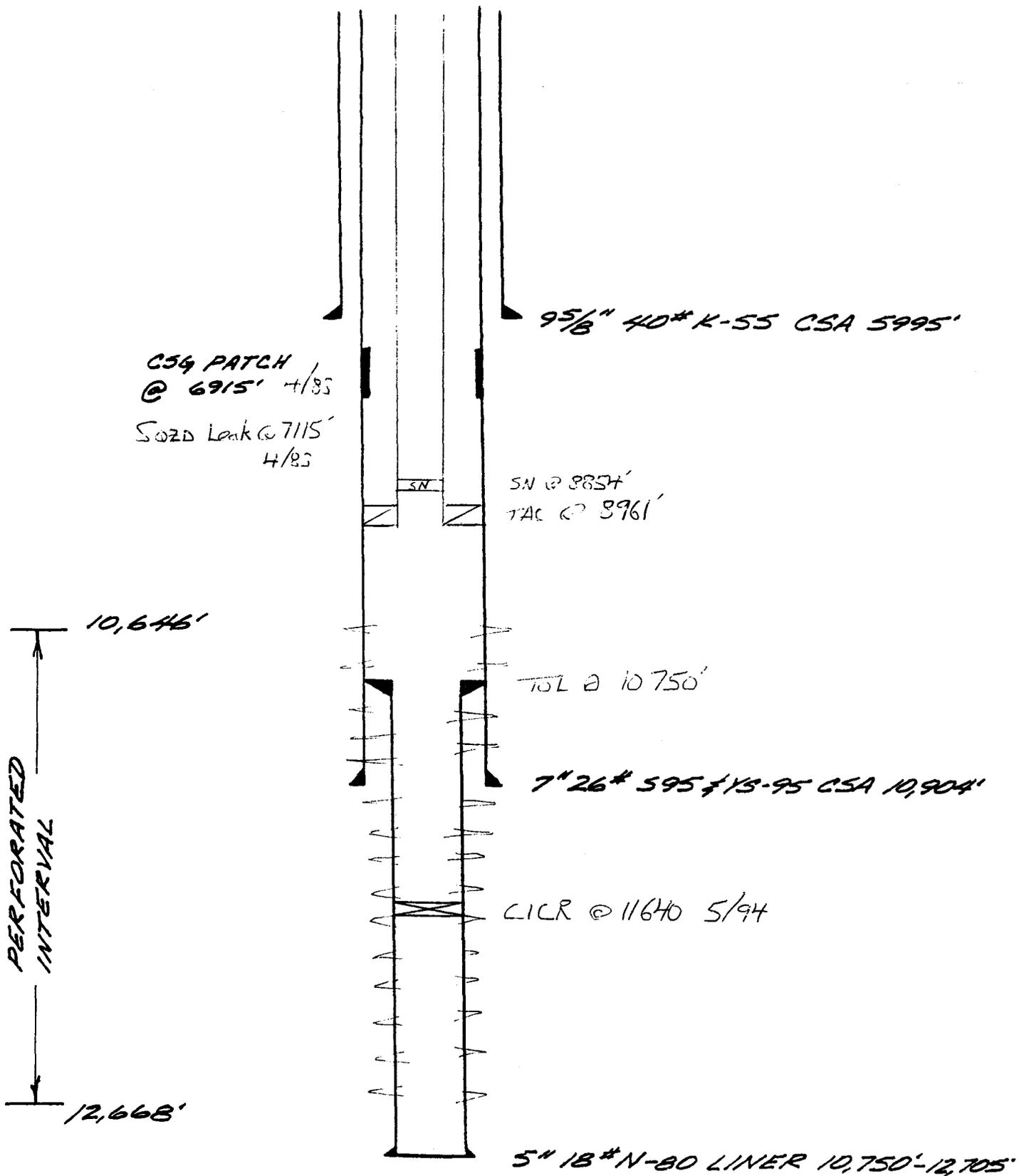
PROCEDURE

- 1) MIRU Service Unit. RU BOPE. POOH w/tubing & rods.
- 2) PU 7" casing scraper and TIH to TOL at 10,750'. TOH, LD scraper.
- 3) RU WLS. Set 7" 26# CIBP @ $\pm 10,640$ (Note: top existing perf is @ 10,646' and the bottom proposed perf is @ 10,606'). Dump bail 2 sx cement on BP. Load casing - preferably w/water from a Green River lease - and test to 2000 psi. Note: Casing integrity is in question because the casing required repair in 1983 and tests of the produced water have changed drastically since May 1994. If casing test fails, call Denver office before proceeding.
- 4) Perf the interval 10,070-10,606' per the attached schedule. Use 4" select-fire guns loaded 3 spf, w/22 gram charges and 120 degree phasing.
- 5) PU 7" 26# HD packer and TIH hydrotesting 2-7/8" tubing to 8500 psi. Set packer at 9200'. Load backside and apply 2000 psi.
- 6) Acidize perfs w/3500 gal 15% per the attached schedule. Call out only 3-4 pumps. Maintain maximum rate without exceeding 7000 psi treating pressure.
- 7) Swab back acid load. Note pH and fluid level of each run. RIs packer and TOH w/tbg and packer.
- 8) PU 7" TAC, 5" PBGA, and SN. TIH w/tubing. Set TAC @ $\pm 10,000'$ w/SN @ $\pm 9900'$. CO rods as required and run per standard design.

TWH

ESSENT WELLBORE SCHEMATIC

BROTHERSON #1-22 BA
SEC 22 T2S R4W
DUCHESSNE CO., UTAH
GL 6278'
KB 6305'



TD: 12,706'
2777 2,125'

GREATER ALTAMONT FIELD
ANR, BROTHERRSON #1-22B4
 NE/4 Sec. 22, T2S-R4W
 Duchesne County, Utah

PERFORATION SCHEDULE

DEPTH REFERENCE: SCHLUMBERGER FDC-CNL, Run #1 dated 7/10/73.

9,267'	9,917'	10,300'
9,272'	9,927'	10,305'
	9,928'	10,318'
9,300'	9,943'	10,335'
9,303'	9,950'	10,386'
9,337'	9,954'	10,389'
9,363'		10,393'
	10,032'	10,394'
9,409'	10,035'	
9,421'	10,040'	10,413'
9,473'	10,070'	10,415'
9,494'	10,098'	10,424'
		10,445'
9,522'	10,106'	10,455'
9,528'	10,127'	
9,542'	10,129'	10,549'
9,551'	10,135'	10,555'
9,553'	10,140'	10,559'
9,557'	10,149'	10,562'
	10,157'	10,575'
9,685'		10,577'
	10,250'	10,583'
9,824'	10,262'	10,594'
9,829'	10,267'	
9,833'	10,271'	10,603'
9,835'		10,606'
9,836'		
9,844'		

*No cement bond
to 10,000'*

~~88~~ total feet, ~~34~~ zones
36

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

MDE/Jarni/jill

1-11-1995

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: Fee
2. Name of Operator: ANR Production Company	6. If Indian, Alutian or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. Unit Agreement Name: N/A
4. Location of Well Footages: 1616' FWL & 1533' FSL QQ, Sec., T., R., M.: NE/SW Section 22-T2S-R4W	8. Well Name and Number: Brotherson #1-22-B4
	9. API Well Number: 43-013-30227
	10. Field and Pool, or Wildcat: Altamont
	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"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <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 checked="" type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input checked="" type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>6/6/94</u>
	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 work performed in the subject well.

13. Name & Signature: N.O. Shiflett Title: N.O. Shiflett Dist. Drlg. Manager Date: 6/29/94

(This space for State use only)

1/28/95
Tax Credit

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-22B4 (WTR SHUT-OFF/L. WASATCH, ACIDIZE U. WASATCH)
ALTAMONT FIELD
DUCHESE COUNTY, UT
WI: 71.28021% ANR AFE: 00210

PAGE 2

5/21/94 Continue RIH w/2 $\frac{7}{8}$ " tbg.
Continue POOH w/337 jts 3 $\frac{1}{2}$ " tbg & MS 7" pkr. (Tight spot in 7" csg @ 7124'. Pulled 10,000# over to get 7" pkr thru.) XO equip to 2 $\frac{7}{8}$ " tbg. PU & RIH w/7" MS TAC, BHA & 222 jts 2 $\frac{7}{8}$ " tbg. CC: \$81,355

5/22/94 Well on production.
Continue RIH w/62 jts 2 $\frac{7}{8}$ " tbg, set 7" TAC @ 8960' w/20,000# tension, PSN @ 8853'. ND BOP, RD work floor, XO equip to rods. Flush tbg w/70 BW. PU & prime Nat'l 1 $\frac{3}{4}$ " pump. RIH w/rods. Fill tbg w/26 bbls, test to 500#, held. RU unit & PU HH. Space out & hang off rods. Place well on pump. CC: \$90,015

5/22/94 Pmpd 31 BO, 286 BW, 40 MCF/19 hrs, 10.2 SPM.

5/23/94 Pmpd 42 BO, 311 BW, 89 MCF, 9.9 SPM.

5/24/94 Pmpd 64 BO, 303 BW, 133 MCF, 9.9 SPM.

5/25/94 Pmpd 60 BO, 247 BW, 173 MCF.

5/26/94 Pmpd 79 BO, 274 BW, 182 MCF.

5/27/94 Pmpd 59 BO, 274 BW, 166 MCF.

5/28/94 Pmpd 60 BO, 279 BW, 184 MCF.

5/29/94 Pmpd 74 BO, 293 BW, 198 MCF.

5/30/94 Pmpd 40 BO, 171 BW, 150 MCF, 9.9 SPM.
Will check FL.

5/31/94 Pmpd 33 BO, 155 BW, 73 MCF.
Ran dyno, traveling valve bad. Will CO pump.

6/1/94 Pmpd 15 BO, 273 BW, 52 MCF, 16 hrs. Down 8 hrs - pump change.
MIRU, unseat pump, flush tbg. Re-seat & PT to 500#, held. TOOH w/pump, flush tbg. PU new pump & TIH. Seat & space out pump. fill tbg w/31 BW. PT to 500#, held. RDMO, clean location. CC: \$93,685

6/2/94 Pmpd 45 BO, 347 BW, 101 MCF, 9.9 SPM.

6/3/94 Pmpd 50 BO, 322 BW, 165 MCF.

6/4/94 Pmpd 49 BO, 380 BW, 168 MCF.

6/5/94 Pmpd 43 BO, 375 BW, 184 MCF.

6/6/94 Pmpd 57 BO, 385 BW, 76 MCF.

Prior prod: 27 BO, 386 BW, 189 MCF. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #1-22B4 (WTR SHUT-OFF/L. WASATCH, ACIDIZE U. WASATCH)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 71.28021% ANR AFE: 00210
TD: 12,706' PBD: 12,690'
5" @ 10,750'-12,705'
PERFS: 10,646'-12,668'
CWC(M\$): 103.0

PAGE 1

- ✓ 5/10/94 POOH w/2 $\frac{7}{8}$ " tbg & BHA.
MIRU. Unseat pump. Flush tbg w/50 BW. Seat pump & test to 500#, held. POOH w/rods & pump. PU on tbg, TAC not set. NU BOP. CC: \$2,715
- 5/11/94 RIH w/CO tools.
POOH w/2 $\frac{7}{8}$ " tbg & BHA. CC: \$5,115
- 5/12/94 POOH w/7" scraper.
PU 7" 26# oilfield scraper & RIH tallying 2 $\frac{7}{8}$ " tbg w/323 jts to 5" LT @ 10,750'. POOH w/200 jts. CC: \$8,160
- 5/13/94 POOH w/2 $\frac{7}{8}$ " tbg & CO tools.
Continue POOH w/124 jts 2 $\frac{7}{8}$ " tbg & 7" csg scraper. PU 4 $\frac{1}{8}$ " mill, CO tools & 70 jts 2 $\frac{3}{8}$ ". RIH w/334 jts 2 $\frac{7}{8}$ ". CO fill from 12,680' to 12,690' PBD. POOH w/180 jts 2 $\frac{7}{8}$ " tbg. CC: \$13,745
- 5/14-15/94 SD for weekend.
- 5/16/94 Continue RIH hydrotesting 2 $\frac{7}{8}$ " tbg.
POOH w/2 $\frac{7}{8}$ " tbg & CO tools. Rec 1 $\frac{1}{2}$ jts full of scale, fmn, cmt, small pieces of iron. RU Cutters. RIH w/5" CICR & set @ 11,640'. RIH w/stinger & 30 jts 2 $\frac{3}{8}$ " & 130 jts 2 $\frac{7}{8}$ " tbg. Hydrotest tbg to 8500#. CC: \$20,480
- 5/17/94 POOH w/2 $\frac{3}{8}$ " tbg & stinger.
Continue RIH w/2 $\frac{7}{8}$ " tbg. Hydrotesting to 8500#. Jt #78 blew. Sting into retainer @ 11,640'. Est inj rate, 5 BPM @ 800 psi. Pmpd 50 sx Class "H" cmt into retainer, 5.5 BPM @ 1000 psi. Stung out & POOH w/20 jts. Flush tbg w/70 BW. Continue POOH w/tbg to 2 $\frac{3}{8}$ ". CC: \$31,640
- 5/18/94 PU 3 $\frac{1}{2}$ " tbg.
POOH w/tbg & WL stinger. RIH w/1.78" F-profile nipple, 1-jt 2 $\frac{7}{8}$ " tbg, 7" MS Arrowset I, 10K pkr w/on-off tool & 332 jts 3 $\frac{1}{2}$ " tbg. CC: \$38,215
- 5/19/94 Swab testing.
Continue RIH w/7" 10K pkr, set @ 10,582'. Fill csg, test to 2000#, 15 min. MIRU Dowell to acidize perfs @ 10,646'-12,668'. Pmpd 240 bbls 3% KCl, 119 bbls diverter w/0.5# x 0.5# BAF & salt w/antimony, 143 bbls 7 $\frac{1}{2}$ % HCl w/140 - 1.1 BS's w/scandium, 95 bbls diverter w/0.5# x 0.5# BAF & salt, 238 bbls 7 $\frac{1}{2}$ % HCl w/230 - 1.1 BS's w/iridium, 143 bbls 3% HCl flush (total 16,000 gals 7 $\frac{1}{2}$ % HCl). MTP 9000#, ATP 7000#, MTR 31 BPM, ATR 22.5 BPM. ISIP 3420#, 4 min O#, fair diversion, 1115 BLTR. RDMO Dowell. RU swab, made 8 runs. Rec 42 bbls, FFL @ 6800'. CC: \$71,495
- 5/20/94 POOH w/3 $\frac{1}{2}$ " tbg & pkr.
Tbg pressure 250#. Blow down tbg, 1-hr. Made 16 swab runs, IFL @ 6000'. Rec 89 bbls, FFL @ 7200'. RD swab equip. RU rig pump. Pmpd down tbg w/50 BW. Unset 7" 10K pkr @ 10,582', let equalize. POOH & LD 10 jts 3 $\frac{1}{2}$ " tbg. (Rec 131 bbls.) CC: \$75,380

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

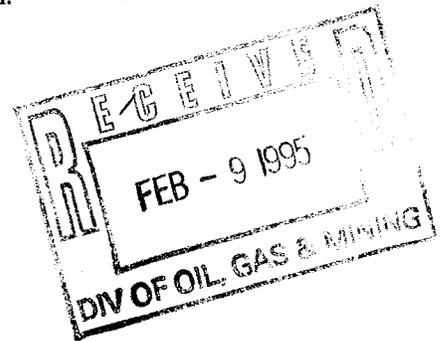
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: Fee
2. Name of Operator: ANR Production Company		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476		7. Unit Agreement Name: N/A
4. Location of Well Footages: 1642' FNL & 1297' FEL County: Duchesne QQ, Sec., T., R., M.: SE/NE Section 22-T2S-R4W State: Utah		8. Well Name and Number: Brotherson #1-22B4
		9. API Well Number: 43-013-30227
		10. Field and Pool, or Wildcat: Altamont

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>Recomplete to Lwr Green River</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 <u>1/31/95</u> 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 in the subject well.



13. Name & Signature: N.O. Shiflett/sab Title: N.O. Shiflett District Drilling Manager Date: 02/07/95

(This space for State use only)

*tax credit
10/3/95*

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

BROTHERSON #1-22B4 (RECOMPLETE TO LOWER GREEN RIVER)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 71.28021% ANR AFE: 00478
TD: 12,706' PBD: 11,640' (CICR)
5" LINER @ 10,750'-12,705'
PERFS: 10,646'-12,668'
CWC(M\$): 86.5

PAGE 3

- 1/23/95 RU power swivel.
MIRU PU #1455. RD pmpg unit. Unable to flush tbg. Filled csg after pumping 30 BW. Max pressure 1000#. POOH w/rods. Pressure to 2000# on tbg - could not clear tbg. RU tbg equip & NU BOP. Could not rls 7" AC @ 8961'. RU Cutters WL. Perf tbg @ 8840'. RD Cutters. Circ well w/250 BW @ 200° (heavy black oil in returns). Unable to rls 7" AC. CC: \$6,713
- 1/24/95 Continue POOH w/2½" tbg.
Circ well thru perf in tbg @ 8840' w/300 BW @ 200°. RU power swivel. Work tbg from 40,000# to 110,000#, holding 1800# right hand torque to rls 7" AC @ 8961'. AC would not rls. RD swivel. Circ well w/100 BW. RU Cutters WL. Est freepoint & cut tbg @ 8829'. RD Cutters. POOH w/80 jts 2½" tbg to 6345'. (Note: Moderate restriction while pulling first 6 jts.) CC: \$14,180
- 1/25/95 Checking for csg leak.
POH w/207 jts 2½" tbg. RIH w/7" BP & 7" HD pkr and 237 jts 2½" tbg - could not work past 7366'. Pull 20,000# over string wt to free BP. PU & set BP @ 7326'. Fill csg w/5 BW & test to 2000#. Pressure dropped 500# in 5 min. CC: \$19,623
- 1/26/95 CO 7" csg to TOF.
Continue to test 7" csg. 7" csg above 7156' tested to 2000#. Csg from 7157' to RBP @ 7326' would not test. Bled pressure from 2000# to 0# in 15 min. (PKR set @ 7157'.) Swab tbg down to pkr. Could not est inflow rate due to wax sticking swab cups. POOH w/RBP, 7" pkr & 230 jts tbg. RIH w/6½" bit, bumper sub and jars to 6996'. CC: \$23,367
- 1/27/95 LD overshot & DC's.
Finish RIH w/59 jts 2½" tbg, tag TOF @ 8829'. Saw no tight spots or restrictions in csg. POOH w/281 jts tbg, DC's & 6½" bit. RIH w/OS & jars. Latch onto fish @ 8829'. Jar on fish for 2 hrs to rls 7" AC @ 8961' - no success. Rls OS & POOH w/181 jts 2½" tbg to 3347'. CC: \$31,581
- 1/28-29/95 SD for weekend.
- 1/30/95 RIH w/rods.
POOH w/OS. RIH w/6½" shoe & 42 jts 2½" tbg. WO orders. POOH w/42 jts tbg. RIH w/283 jts 2½" tbg w/SN @ 8821'. ND BOP. RIH w/8 - 1" & 115 - ¾" rods. Prep to suspend operations to evaluate remaining potential. CC: \$39,810
- 1/31/95 Operations suspended - well TA'd.
RIH w/116 - ¾" & 110 - 1" rods. Hang on well. RDMO PU #1455. Drop from report. CC: \$43,453

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			Field	County
					Footages	Section, Township & Range			
Evans Ute 2-17B3	43-013-31056	Fee 5326	Ute	96104	1701' FSL & 1474' FWL	NWSW, 17-2S-3W	Altamont	Duchesne	
Miles 1-35A4	43-013-30029	Fee 1965	N/A	9618	1980' FNL & 1980' FEL	SWNE, 35-1S-4W	Altamont	Duchesne	
Miles 2-35A4	43-013-31087	Fee 1966	N/A	9618	802' FWL & 1530' FSL	NWSW, 35-1S-4W	Altamont	Duchesne	
Brotherson 2-11B4	43-013-31078	Fee 1541	N/A	9623	944' FSL & 1643' FWL	SESW, 11-2S-4W	Altamont	Duchesne	
Brotherson 1-2B4	43-013-30062	Fee 1570	N/A	9635	1478' FNL & 1459' FEL	SWNE, 2-2S-4W	Altamont	Duchesne	
Brotherson 2-2B4	43-013-30855	Fee 8420	N/A	9635	1371' FSL & 1498' FWL	NESW, 2-2S-4W	Altamont	Duchesne	
Broadhead 1-21B6	43-013-30100	Patented 1595	N/A	9639	540' FNL & 2610' FEL	NWNE, 21-2S-6W	Altamont	Duchesne	
Ute Brotherson 2-34A4	43-013-30978	Fee 10070	N/A	9640	663' FWL & 1626' FSL	NWSW, 34-1S-4W	Altamont	Duchesne	
Rust 2-36A4	43-013-31092	Fee 1577	N/A	9642	1516' FWL & 1955' FSL	NESW, 36-1S-4W	Altamont	Duchesne	
Babcock 1-12B4	43-013-30104	Patented 1630	Ute	9643	2248' FNL & 1000' FEL	SENE, 12-2S-4W	Altamont	Duchesne	
Babcock 2-12B4	43-013-31005	Fee 10215	N/A	9643	502' FWL & 503' FSL	SWSW, 12-2S-4W	Altamont	Duchesne	
Ellsworth 1-9B4	43-013-30118	Patented 1660	N/A	9645	1444' FNL & 700' FEL	SENE, 9-2S-4W	Altamont	Duchesne	
Ellsworth 2-9B4	43-013-31138	Fee 10400	N/A	9645	2976' FNL & 2543' FWL	NESW, 9-2S-4W	Altamont	Duchesne	
Burton 2-15B5	43-013-31044	Fee 10210	N/A	9646	718' FWL & 1604' FSL	NWSW, 15-2S-5W	Altamont	Duchesne	
Tew 2-10B5	43-013-31125	Fee 1756	N/A	9654	851' FWL & 729' FSL	SWSW, 10-2S-5W	Altamont	Duchesne	
Goodrich 1-2B3	43-013-30182	Patented 1765	N/A	9655	2347' FSL & 1514' FEL	NWSE, 2-2S-3W	Bluebell	Duchesne	
Goodrich 2-2B3	43-013-31246	Fee 11037	N/A	9655	678' FNL & 2235' FWL	NENW, 2-2S-3W	Bluebell	Duchesne	
Robb 2-29B5	43-013-31130	Fee 10454	N/A	9656	2214' FWL & 1037' FSL	SESW, 29-2S-5W	Altamont	Duchesne	
Ellsworth 1-16B4	43-013-30192	Patented 1735	Ute	9659	1301' FNL & 1101' FEL	NENE, 16-2S-4W	Altamont	Duchesne	
Ellsworth 2-16B4	43-013-31046	Fee 10217	N/A	9659	1075' FWL & 1439' FSL	NWSW, 16-2S-4W	Altamont	Duchesne	
Lake Fork 2-13B4	43-013-31134	Fee 10452	N/A	9660	963' FWL & 819' FSL	SWSW, 13-2S-4W	Altamont	Duchesne	
Jessen 2-21A4	43-013-31256	Fee 11061	N/A	9661	702' FSL & 2182' FWL	SESW, 21-1S-4W	Altamont	Duchesne	
Jenkins 1-1B3	43-013-30175	Patented 1720	N/A	9670	1807' FNL & 1888' FWL	SENE, 1-2S-3W	Bluebell	Duchesne	
Jenkins 2-1B3	43-013-31117	Fee 1792	N/A	9670	803' FWL & 662' FSL	SWSW, 1-2S-3W	Bluebell	Duchesne	
Birch 3-27B5	43-013-31126	Fee 1783	N/A	9671	979' FWL & 1151' FSL	SWSW, 27-2S-5W	Altamont	Duchesne	
Lazy K 2-11B3	43-013-31352	Fee 11362	N/A	9672	503' FNL & 2017' FEL	NWNE, 11-2S-3W	Bluebell	Duchesne	
Rudy 1-11B3	43-013-30204	Patented 1820	N/A	9672	2111' FSL & 2483' FEL	NWSE, 11-2S-3W	Bluebell	Duchesne	
Brotherson 1-24B4	43-013-30229	Fee 1865	N/A	9674	1445' FNL & 1894' FEL	SWNE, 24-2S-4W	Altamont	Duchesne	
Brotherson 3-23B4	43-013-31289	Fee 1141	N/A	9674	1177' FSL & 1112' FWL	SWSW, 23-2S-4W	Altamont	Duchesne	
Evans 1-19B3	43-013-30265	Fee 1776	N/A	9678	1256' FNL & 893' FEL	NENE, 19-2S-3W	Altamont	Duchesne	
Jenkins 2-12B3	43-013-31121	Fee 10459	N/A	9679	1623' FNL & 1047' FEL	SENE, 12-2S-3W	Bluebell	Duchesne	
Bleazard 2-28B4	43-013-31304	Fee 11433	N/A	9681	1580' FSL & 2335' FWL	NESW, 28-2S-4W	Altamont	Duchesne	
Lamicq 2-5B2	43-013-30784	Fee 2302	N/A	9683	1963' FWL & 803' FSL	SESW, 5-2S-2W	Bluebell	Duchesne	
C.R. Aimes 1-23A4	43-013-30375	Fee 5675	Ute	9C133	704' FEL & 1515' FNL	SENE, 23-1S-4W	Altamont	Duchesne	
Chandler 1-5B4	43-013-30140	Aprv. 4-11-96 Patented 1685	Ute	NW580	2120' FNL & 1553' FEL	SWNE, 5-2S-4W	Altamont	Duchesne	
Chandler 2-5B4	43-013-31000	" Fee 10075	Ute	NW580	466' FSL & 1180' FWL	SWSW, 5-2S-4W	Altamont	Duchesne	
Monsen 2-27A3	43-013-31104	" Fee 1746	N/A	NW581	1801' FWL & 2008' FSL	NESW, 27-1S-3W	Altamont	Duchesne	
Monsen 3-27A3	43-013-31401	" Fee 11686	N/A	NW581	850' FNL & 1520' FWL	NENW, 27-1S-3W	Altamont	Duchesne	
Ute Smith 1-30B5	43-013-30521	Fee 1950	Ute	UT08014987C696	1890' FSL & 624' FEL	NESE, 30-2S-5W	Altamont	Duchesne	
Bleazard 1-18B4	43-013-30059	Patented 1565	N/A	N/A	1923' FNL & 2314' FEL	SWNE, 18-2S-4W	Altamont	Duchesne	
Bleazard 2-18B4	43-013-31025	Fee 1566	N/A	N/A	857' FWL & 861' FSL	SWSW, 18-2S-4W	Altamont	Duchesne	
Bodero 1-15B3	43-013-30565	Fee 2360	N/A	N/A	1370' FNL & 1679' FWL	SENE, 15-2S-3W	Altamont	Duchesne	
Broadhead 2-32B5	43-013-31036	Fee 10216	N/A	N/A	1686' FWL & 1116' FSL	SESW, 32-2S-5W	Altamont	Duchesne	
Brotherson 1-10B4	43-013-30110	Patented 1614	N/A	N/A	2037' FNL & 2052' FEL	SWNE, 10-2S-4W	Altamont	Duchesne	
Brotherson 1-14B4	43-013-30051	Patented 1535	N/A	N/A	2100' FNL & 750' FEL	SENE, 14-2S-4W	Altamont	Duchesne	
Brotherson 1-22B4	43-013-30227	Fee 1780	N/A	N/A	1642' FNL & 1297' FEL	SENE, 22-2S-4W	Altamont	Duchesne	
Brotherson 1-23B4R	43-013-30483	Patented 8423	N/A	N/A	747' FNL & 2380' FEL	NWNE, 23-2S-4W	Altamont	Duchesne	
Brotherson 1-26B4	43-013-30336	Patented 1856	N/A	N/A	1272' FNL & 1408' FEL	NWNE, 26-2S-4W	Altamont	Duchesne	
Brotherson 1-28A4	43-013-30292	Patented 1841	N/A	N/A	751' FNL & 1130' FEL	NENE, 28-1S-4W	Altamont	Duchesne	

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

1. Type of Well:

OIL GAS OTHER:

8. Well Name and Number:

See Attached

2. Name of Operator:

Coastal Oil & Gas Corporation

9. API Well Number:

See Attached

3. Address and Telephone Number:

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

(303) 573-4455

10. Field and Pool, or Wildcat:

See Attached

4. Location of Well

Footages: See Attached

County: See Attached

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

State: Utah

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

NOTICE OF INTENT

(Submit in Duplicate)

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

SUBSEQUENT REPORT

(Submit Original Form Only)

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

Date of work completion _____

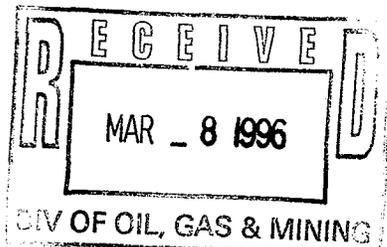
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company



13.

Name & Signature:

Sheila Bremer

Sheila Bremer
Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *GH*

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

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>013-30227</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- 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.
- lec* 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)*
- lec* 6. Cardex file has been updated for each well listed above.
- lec* 7. Well file labels have been updated for each well listed above.
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- ____ 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ in State lease wells.
C.A. & Indian lease wells will be handled on separate change.

960412 BLM / SL Aprv. C.A.'s 4-11-96.

960820 BIA Aprv. CA's 8-16-96.

960329 BIA Aprv. Indian Lease wells 3-26-96.

WE71/34-35

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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:

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

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:

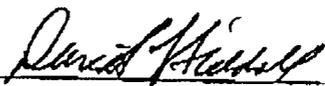
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

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.

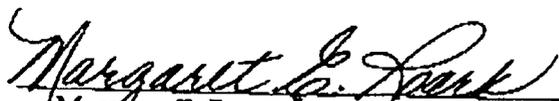
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

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
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	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
BROTHERSON 1-22B4	43-013-30227	1780	22-02S-04W	FEE	OW	P
BROTHERSON 2-22B4	43-013-31086	1782	22-02S-04W	FEE	OW	P
BROTHERSON 1-23B4R	43-013-30483	8423	23-02S-04W	FEE	OW	P
BROTHERSON 3-23B4	43-013-31289	11141	23-02S-04W	FEE	OW	P
BROTHERSON 1-24B4	43-013-30229	1865	24-02S-04W	FEE	OW	P
BROTHERSON 1-25B4	43-013-30668	9126	25-02S-04W	FEE	OW	P
BROTHERSON 1-26B4	43-013-30336	1856	26-02S-04W	FEE	OW	P
BROTHERSON 1-27B4	43-013-30185	4735	27-02S-04W	FEE	OW	P
BLEAZARD 2-28B4 (CA 96-81)	43-013-31304	11433	28-02S-04W	FEE	OW	P
YOUNG ETAL 1-29B4	43-013-30246	1791	29-02S-04W	FEE	OW	P
WEIKART 2-29B4	43-013-31298	11332	29-02S-04W	FEE	OW	P
LAWRENCE 1-30B4	43-013-30220	1845	30-02S-04W	FEE	OW	P
YOUNG 2-30B4	43-013-31366	11453	30-02S-04W	FEE	OW	P
CHRISTMAN BLANN 1-31	43-013-30198	4745	31-02S-04W	FEE	OW	P
GRIFFITHS 1-33B4 (CA 96-119)	43-013-30288	4760	33-02S-04W	FEE	OW	P
BELCHER 2-33B4 (CA 96-119)	43-013-30907	9865	33-02S-04W	FEE	OW	P
TEW 1-1B5	43-013-30264	1870	01-02S-05W	FEE	OW	P
MILES 2-1B5	43-013-31257	11062	02-02S-05W	FEE	OW	P
POTTER 1-2B5	43-013-30293	1826	02-02S-05W	FEE	OW	P
BROTHERSON 2-2B5	43-013-31302	11342	02-02S-05W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

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

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/05/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/05/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8/15/01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: BROTHERSON 1-22B4	
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY		9. API NUMBER: 4301330227
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113	PHONE NUMBER: (505) 344-9380	10. FIELD AND POOL, OR WLD CAT: ALTAMONT/BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1642' FNL, 1297' FEL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 22 2S 4W		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/30/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>TEMP BRIDGE PLUG</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.

OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY PLACE A BRIDGE PLUG OVER PRODUCING INTERVALS:

1. RU SERVICE UNIT. PULL RODS, PUMP AND TBG.
2. RUN GAUGE RING ON WIRELINE IN 7" CSG TO MAXIMUM DEPTH.
3. RUN RETRIEVABLE BRIDGE PLUG ON TBG AND PLACE AT MAXIMUM DEPTH ABOVE TOP PERFORATION.
4. SPOT 2 SX OF 20/40 SD ON RETRIEVABLE BRIDGE PLUG.
5. BLEED PRESSURE OFF SURFACE CSG - 7" CSG ANNULUS AND MONITOR.

04-25-06
CHD

NAME (PLEASE PRINT) <u>CHERYL CAMERON</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE	DATE <u>3/16/2006</u>

(This space for State use only)

3/20/06
Stilwell
(See Instructions on Reverse Side)

RECEIVED
MAR 17 2006

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE CITY ALBUQUERQUE STATE NM ZIP 87113		7. UNIT OR CA AGREEMENT NAME:
PHONE NUMBER: (505) 344-9380		8. WELL NAME and NUMBER: BROTHERSON 1-22B4
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1642' FNL 1297' FEL		9. API NUMBER: 4301330227
QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 22 2S 4W		10. FIELD AND POOL, OR WILDCAT: ALTAMONT/BLUEBELL

COUNTY: DUCHENSE
STATE: UTAH

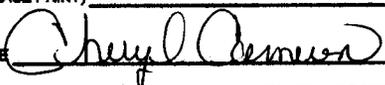
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 4/13/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>PRESS TEST CSG</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.

4/12/06 ATTEMPT TO FLUSH RODS, PSI TO 1500#. LD 3-1" AND PICK POLISH ROD BACK UP. WORK RODS AND FLUSH RODS W/ 55 BBLs TPW AS RETURN OIL AND GAS UP 7". LD POLISH ROD AND 110-1", 116-7/8", AND 115-3/4" WITH 2-5/16" NO-GO ON BTM. PUMP 20 GAL TECHNIPERS DOWN TBG, ADDED TECHNICAL-CLEAN CHEMICAL TO TPW. PUMPED 130 BBLs TPW. RETURNED 200 BO.

04/13/06 PUMP 175 BBLs DOWN TBG. CIRC 200 BO OUT OF 7". (STARTING TO GET 2/3 WTR IN RETURNS). SHUT IN 7" AND HOOK UP TO RETURN OUT OF 9-5/8" SURF CSG. PUMP DOWN TBG AND PRESS TBG TO 800 PSI (7" CSG AT 750 PSI). TBG AND 7" LOST 150 PSI IN 10 MIN. NO FLOW OUT OF 9-5/8" SURFACE CSG. BLEED OFF PRESS FROM TBG AND 7" CSG. PUMP 5 BBLs DOWN 9-5/8" CSG @ 150 PSI. NO FLOW OUT OF 7" CSG OR TBG. PU 7/8" TBG 30'. FREE AND LEAN. RELAND HANGER NO COMMUNICATION BETWEEN 7" AND 9-5/8" CSG. CLEAN LINES AND TANKS. RACK OUT PUMP. RDMO. PUMPED TOTAL OF 185 BBLs TPW. RETURNED APPROX 150 BO. SI.

NAME (PLEASE PRINT) <u>CHERYL CAMERON</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE 	DATE <u>4/18/2006</u>

(This space for State use only)

RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold)

X Operator Name Change

The operator of the well(s) listed below has changed, effective: <u>7/1/2006</u>	
FROM: (Old Operator): N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	TO: (New Operator): N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
CA No.	Unit:

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/5/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/5/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/30/2006
- Is the new operator registered in the State of Utah: YES Business Number: 2114377-0181
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: _____ requested 7/18/06
- Inspections of LA PA state/fee well sites complete on: ok
- Reports current for Production/Disposition & Sundries on: _____
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 7/14/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/19/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/19/2006
- Bond information entered in RBDMS on: 7/19/2006
- Fee/State wells attached to bond in RBDMS on: 7/19/2006
- Injection Projects to new operator in RBDMS on: 7/19/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/5/2006

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400JU0708
- The **FORMER** operator has requested a release of liability from their bond on: n/a applicable wells moved
 The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 7/20/2006

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: MULTIPLE LEASES
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SEE ATTACHED
2. NAME OF OPERATOR: EL PASO PRODUCTION OIL AND GAS COMPANY <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113		10. FIELD AND POOL, OR WILDCAT: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: UINTAH & DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

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

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

PLEASE BE ADVISED THAT EL PASO PRODUCTION OIL AND GAS COMPANY (CURRENT OPERATOR) HAS TRANSFERRED ITS OPERATORSHIP TO EL PASO E&P COMPANY, L.P. (NEW OPERATOR) EFFECTIVE ~~JUNE 30~~ *July 1,* 2006 AND THAT EL PASO E&P COMPANY, L.P. IS CONSIDERED TO BE THE NEW OPERATOR OF THE ATTACHED WELL LOCATIONS.

EL PASO E&P COMPANY, L.P. IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASED LANDS. BOND COVERAGE IS PROVIDED BY THE STATE OF UTAH STATEWIDE BLANKET BOND NO. 400JU0705, BUREAU OF LAND MANAGEMENT NATIONWIDE BOND NO. 103601420, AND BUREAU OF INDIAN AFFAIRS NATIONWIDE BOND NO. 103601473.

El Paso E & P Company, L. P. *N3065*
1001 Louisiana
Houston, TX 77002

William M. Griffin
William M. Griffin, Sr. Vice President

NAME (PLEASE PRINT) CHERYL CAMERON	TITLE AUTHORIZED REGULATORY AGENT
SIGNATURE <i>Cheryl Cameron</i>	DATE 6/20/2006

(This space for State use only)
APPROVED *7/19/06*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician (See Instructions on Reverse Side)

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS			5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
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: N/A
			8. WELL NAME and NUMBER: BROTHERSON 1-22B4
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			9. API NUMBER: 4301330227
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.			10. FIELD AND POOL, OR WILDCAT: ALTAMONT
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		PHONE NUMBER: (303) 291-6400	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1642' FNL, 1297' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 22 2S 4W			COUNTY: DUCHESNE STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL. PLEASE REFER TO THE ATTACHED PROCEDURES.

COPY SENT TO OPERATOR
Date: 8/1/07
Initials: [Signature]

NAME (PLEASE PRINT) <u>LISA PRETZ</u>	TITLE <u>ENGINEERING TECH</u>
SIGNATURE <u>[Signature]</u>	DATE <u>6/11/2007</u>

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE 6/12/07
BY: [Signature]
* See Conditions of Approval (Attached)

(5/2000)

RECEIVED
JUN 12 2007
DIV. OF OIL, GAS & MINING



PLUG AND ABANDONMENT PROGNOSIS

BROTHERSON 1-22B4

API #: 4301330227
SEC 22-T2S-R4W
DUCHESNE COUNTY, UT

WELL DATA:

ELEVATIONS: GL 6,278' KB 6,305'
FORMATION TOPS: GREEN RIVER TN1 6,588', TGR3 @ 8,976'; WASATCH @ 10,645'
BHT 179 DEG F @ 10,904'
DRILL DEPTH: 12,706'
PBSD: 12,685'
HOLE/CASING SIZES:

17-1/2" hole	13 3/8" 68# K-55 @ 312' w/ 235 SXS cement
12-1/4" hole	9-5/8" 40# K-55 @ 5,995' with 330 SXS cement
8-3/4" hole	7" 26# YS-95 @ 10,904' with 374 SXS cement
	TOC @ 9,324' 8/73
6" hole	5" 18# N80 12,705'
	5" 18# N80 TOL @ 10,760'

PERFS: 5/94: 10,646-11,605'

PACKERS & PLUGS:

5/94: CIBP @ 11,640'

WELL HAS BEEN REPORTED AS SHUT IN SINCE 7/2001

CEMENT DESIGN: Class G Cement, 15.8 ppg, 1.15 FT³/SX. Displace with corrosion inhibited produced water.

ABANDONMENT PROGNOSIS:

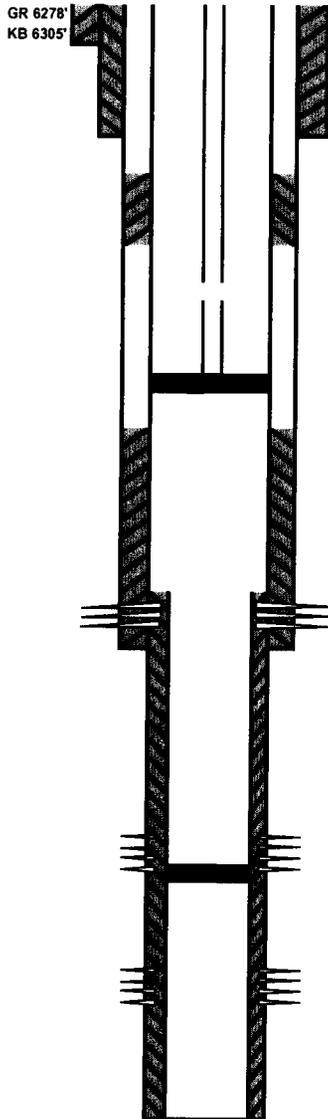
1. Notify DOGM of P&A operations at least 24 hrs prior to starting abandonment operations.
2. MIRUPU. Blow well down to tank and remove wellhead equipment. NU BOPE.

3. TOOH w/ 238 JTS 2 7/8" TBG. PU 7" scraper and TIH to TOF @ 8,829'. TOOH.
4. TIH w/ 7" CICR to 8,800'+. Plug #1-Establish injection rate. Squeeze perforations w/ 100 SX class G cement. Pump 80 SX into CICR and dump 20 SX on top. If unable to establish injection rate, spot 30 SX on top of CICR.
5. Plug #2. Spot 100' stabilizer plug 7,180-7,080' w/20 SX Class G cement (2% CC optional). WOC and tag.
6. Free point 7" casing @ 6,050' and lay down. TIH w/ TBG to 50' inside 7" stub.
7. Plug #3, spot 100'-150' plug 50' inside stub, (50' across open hole if any) and 50' into surface casing with 50 sx. Class G cement w/ 2% CC. WOC and tag plug. TOOH.
8. Plug #4, spot 100' stabilizer plug from 3,100-3,000' w/ 40 sx class G (2%CC optional) cement. WOC and tag plug. TOOH.
9. Plug #5. TIH w/ 9 5/8" CICR to 1,000' and spot 10 SX on top.
10. Plug #6, TIH to 100' and spot 40 SX class G surface plug. Cement surface annulus via 1" tubing if necessary.
11. Cut off casing 3' below ground level and install dry hole plate. Dry hole plate to include well number, location, and lease name. RDMOPU.
12. Restore location.

WELL NAME: BROTHERSON 1-22B4

WELL AS IS

SEC 22, T2S, R4W



CONDUCTOR CSG 13 3/8" 68# K-55 312' 235 SX

SURFACE 9 5/8" 40# K-55 5995' 330 SX

7" CSG PATCH @ 6917' 5/83
 SQ CSG 7115'-7130' 5/83
 TIGHT SPOT 7124' 5/94
 CSG LEAK 7157'-7326' 2000# 0 15 MIN 1/95

SN @ 8821'

TOF @ 8829'

TAC @ 8961' STUCK 1/95
 TGR3 8976'

TOC 9324' 8/73

WASATCH 10645'

PERFS	10646'-12668'	5/94		
TOL	5"	18#	N80	10760'
PERFS	10798'-12668'	10/73		
INTERMEDIATE	7"	26#	Y S95	10904' 374 SX

5" CICR @ 11640' W/ 50 SX CLASS H INTO 5/94

PBTD		12685'		
LINER	5"	18#	N80	12705' 230 SX
TD		12706'		

HOLE SIZE	PIPE SIZE	WEIGHT	SET DEPTH
17 1/2"	13 3/8"	68#	K-55 312'
12.25"	9 5/8"	40#	K-55 5995'
8.75"	7"	26#	Y S95 10904'
TOL	5"	18#	N80 10760'
6"	5"	18#	N80 12705'

PERFORATIONS		
PERFS	10798'-12668'	10/73
PERFS	10646'-12668'	6/79
CICR	11640'	5/94
OPEN PERFS	10646'-11605'	5/94

NOTE: NOT TO SCALE

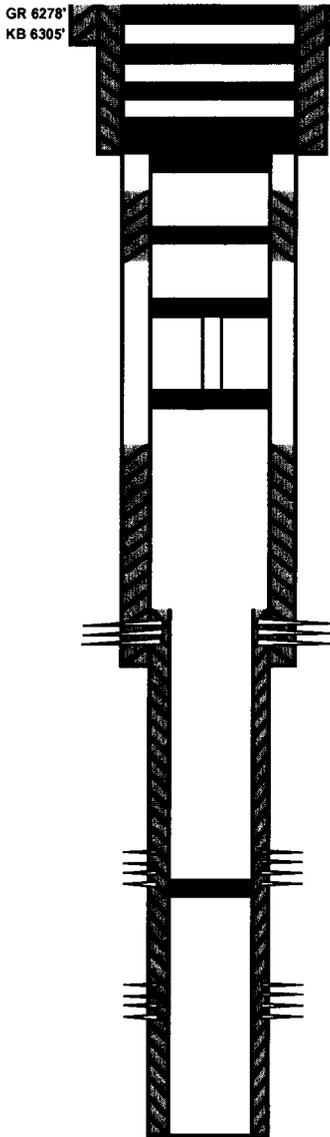
TBG-ROD DETAIL

TBG: 238 JTS 2 7/8" W/ SN @ 8821'
 RODS: 110 - 1", 116 - 7/8", 115 - 3/4", 8 - 1"
 RODS REMOVED 4/06

WELL NAME: BROTHERSON 1-22B4

PROPOSED P&A

SEC 22, T2S, R4W



CONDUCTOR CSG 13 3/8" 68# K-55 312' 235 SX

PLUG #6 100'-SURFACE W/ 40 SX CLASS G
PLUG #5 CICR @ 1000' W/ 10 SX CLASS G ON TOP

PLUG #4 3100'-3000' W/ 40 SX CLASS G

SURFACE 9 5/8" 40# K-55 5995' 330 SX

PLUG #3 6100'-5950' W/ 50 SX CLASS G W/ 2% CC
CUT @ 6050'

7" CSG PATCH @ 6917' 5/83

SQ CSG 7115'-7130' 5/83

TIGHT SPOT 7124' 5/94

PLUG #2 7180'-7080' W/ 20 SX CLASS G

CSG LEAK 7157'-7326' 2000# 0 15 MIN 1/95

SN @ 8821'

PLUG #1 CICR @ 8800' W/ 80 SX CLASS G INTO & 20 SX ON TOP

TOF @ 8829'

TAC @ 8961' STUCK 1/95

TGR3 8976'

TOC 9324' 8/73

WASATCH 10645'

PERFS 10646'-12668' 5/94

TOL 7" 26# Y S95 10904'

PERFS 10798'-12668' 10/73

INTERMEDIATE 9 5/8" 40# K-55 5995' 374 SX

5" CICR @ 11640' W/ 50 SX CLASS H INTO 5/94

PBTD 12685'

LINER 5" 18# N80 12705' 230 SX

TD 12706'

HOLE SIZE	PIPE SIZE	WEIGHT	SET DEPTH
17 1/2"	13 3/8"	68#	K-55 312'
12.25"	9 5/8"	40#	K-55 5995'
8.75"	7"	26#	Y S95 10904'
TOL	5"	18#	N80 10760'
6"	5"	18#	N80 12705'

PERFORATIONS		
PERFS	10798'-12668'	10/73
PERFS	10646'-12668'	6/79
CICR	11640'	5/94
OPEN PERFS	10646'-11605'	5/94

NOTE: NOT TO SCALE

TBG-ROD DETAIL

TBG: 238 JTS 2 7/8" W/ SN @ 8821'
RODS: 110 - 1", 116 - 7/8", 115 - 3/4", 8 - 1"
RODS REMOVED 4/06



State of Utah

Department of
Natural Resources

MICHAEL R. STYLER
Executive Director

Division of
Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number: Brotherson 1-22B4
API Number: 43-013-30227
Operator: El Paso E&P Company, L.P.
Reference Document: Original Sundry Notice dated June 11, 2007,
received by DOGM on June 12, 2007.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. **Move Plug #4 (procedural step #8):** Plug #4 shall be moved 1000' deeper and balanced across the Base of Moderately Saline Groundwater and approximate TOC from the primary cementing job from 4100' to 4000'.
3. **Amend Plug #5 (procedural step #9):** Plug #5 shall be amended to an inside/outside 100' plug. RIH w/WL and perf squeeze holes at $\pm 1050'$. RIH w/CICR and set at $\pm 1000'$. Establish injection. M&P 85 sx cement and squeeze 65 sx below CICR, sting out of CICR and dump 20 sx on top of CICR. If injection cannot be established, spot 40 sx on top of CICR.
4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
5. Balance plugs shall be tagged to ensure they are at the depths specified in the proposal.
6. All annuli shall be cemented from a minimum depth of 100' to the surface.
7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
8. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.
9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

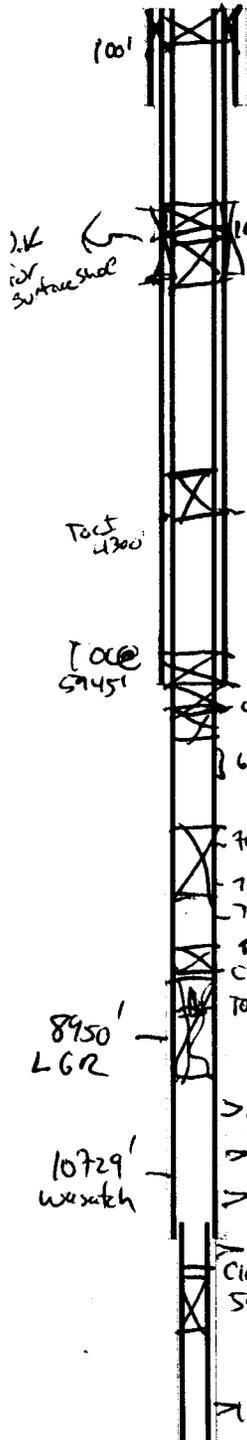
Dustin K. Doucet
Petroleum Engineer

August 24, 2007

Date

Wellbore Diagram

API Well No: 43-013-30227-00-00 Permit No: Well Name/No: BROTHERSON 1-22B4
 Company Name: EL PASO E&P COMPANY, LP
 Location: Sec: 22 T: 2S R: 4W Spot: SENE String Information
 Coordinates: X: 558058 Y: 4460634
 Field Name: ALTAMONT
 County Name: DUCHESNE



Plug #6 (Step #10)
 Inside $100' / (1.15 \times 2.349) = 37.5K$
 Outside $100' / (1.15 \times 2.582) = 30.5K$
 Cement from 312 ft. to surface
 Surface: 13.325 in. @ 312 ft.
 Hole: 17.5 in. @ 312 ft.

*** Move Plug #4 (Step #8)**
 * Move plug 1000' deeper across BMSGW
 from 4100' to 4000'
 $(105K) / (1.15 \times 2.349) = 108'$
 fact @ 4000' est.
 on backside

Plug 2 (Step #5)
 Below $(805K) / (1.15 \times 4.655) = 428'$
 Above $(205K) / (1.15 \times 4.655) = 107'$
 Bore ± 9230'
 No intersection
 $(305K) / (1.15 \times 4.655) = 160'$
 o.k.

Plug 1 (Step #4)
 Below $(805K) / (1.15 \times 4.655) = 428'$
 Above $(205K) / (1.15 \times 4.655) = 107'$
 Bore ± 9230'
 No intersection
 $(305K) / (1.15 \times 4.655) = 160'$
 o.k.

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (ft/ct)
HOL1	312	17.5			
SURF	312	13.325	68	312	
HOL2	5995	12.25			
II	5995	9.625	40	5995	2.349
HOL3	10904	8.75			
I2	10904	7	26	10904	4.655
HOL3	12706	6			
L1	12705	5	18	1945	

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	5995 est ± 4345	5995 est ± 4345	LT	124
I2	10904	10904	LT	54
I2	10904	10904	G	320
L1	12705	12705	G	230
SURF	312	312	LT	60
SURF	312	312	G	175

String	Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
I2	10646	11605			
I2	10798	12668			

Formation	Depth
GRRVL	8950
WSTC	10729
FLAG	11072

TD: 12706 TVD: PBTD:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 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: N/A
		7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: BROTHERSON 1-22B4	
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		9. API NUMBER: 4301330227
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202	PHONE NUMBER: (303) 291-6444	10. FIELD AND POOL, OR WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1642' FNL, 1297' FEL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 22 2S 4W		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/6/2007	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

OPERATOR PLUGGED AND ABANDONED THE SUBJECT WELL AS FOLLOWS:

TOOH W/ TBG.

PLUG #1: SET CICR @ 8789'. SPOT 30 SX CLASS G CMT ON TOP. TOC @ 8635'.

PLUG #2: SPOT 30 SX CLASS G CMT W/ 2% CC. FREEPOINT & CUT 7" CSG @ 5500'. 7176'-5500'.

PLUG #3: PUMP 30 SX CLASS G CMT W/ 2% CC 6052'-5944'.

PLUG #4: PUMP 60 SX CLASS G CMT W/ 2% CC & LCM 5553'-5448'.

PLUG #5: PUMP 60 SX CLASS G CMT. TAG TOC @ 3970'. SHOOT SQUEEZE HOLES @ 1050'. 3970'-1025'.

PLUG #6: SET 9-5/8" CICR @998'. PUMP 65 SX CLASS G INTO & SPOT 20 SX ON TOP 998'-945'.

PLUG #7: 70 SX CLASS G CMT FROM 100' TO SURFACE.

CUT OFF WELLHEAD & WELD ON INFO PLATE.

WELL P&A ON 9/6/2007. PLUGGING WITNESSED BY DENNIS INGRAM, DOGM.

NAME (PLEASE PRINT) <u>RHONDA EDDS</u>	TITLE <u>SR. REGULATORY ANALYST</u>
SIGNATURE <u><i>Rhonda Edds</i></u>	DATE <u>10/6/2007</u>

(This space for State use only)

RECEIVED
OCT 11 2007

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

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/1/2012

FROM: (Old Operator): N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038	TO: (New Operator): N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002 Phone: 1 (713) 997-5038
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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

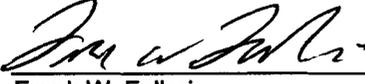
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER 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

APPROVED 6/29/2012

Rachel Medina

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

(5/2009) Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician
Rachel Medina

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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