

**FILE NOTATIONS**

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

Checked by Chief *PWB*  
Approval Letter *7:21:72*  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *55-13* .....  
W..... WW..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

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

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Chandler

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

9. Well No.

1-5B4

Tenneco, Chevron, Sabine Explor., and Altex

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

10. Field and Pool, or Wildcat

Altamont

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

At surface

2120' FNL and 1553' FEL Sec 5

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

SW/4 NE/4 Section 5-  
T 2S-R 4W

At proposed prod. zone

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

4 miles SW of Altamont

12. County or Parrish

Duchesne

13. State

Utah

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

1553' from sec line  
233'

16. No. of acres in lease  
80

17. No. of acres assigned to this well  
640

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

No other wells on lease

19. Proposed depth  
14,200'

20. Rotary or cable tools

Rotary

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

6395 GL (Ungraded)

22. Approx. date work will start\*

Soon

23. PROPOSED CASING AND CEMENTING PROGRAM

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

As per attached drilling prognosis and certified survey plat.

*Wellbore approval 4-26-72 by S.D. Eruption-1393/1394 location*

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 K.R. Jordan Title Division Operations Engineer Date July 19, 1972

(This space for Federal or State office use)

Permit No. 43-013-3014/c Approval Date

Approved by..... Title..... Date.....

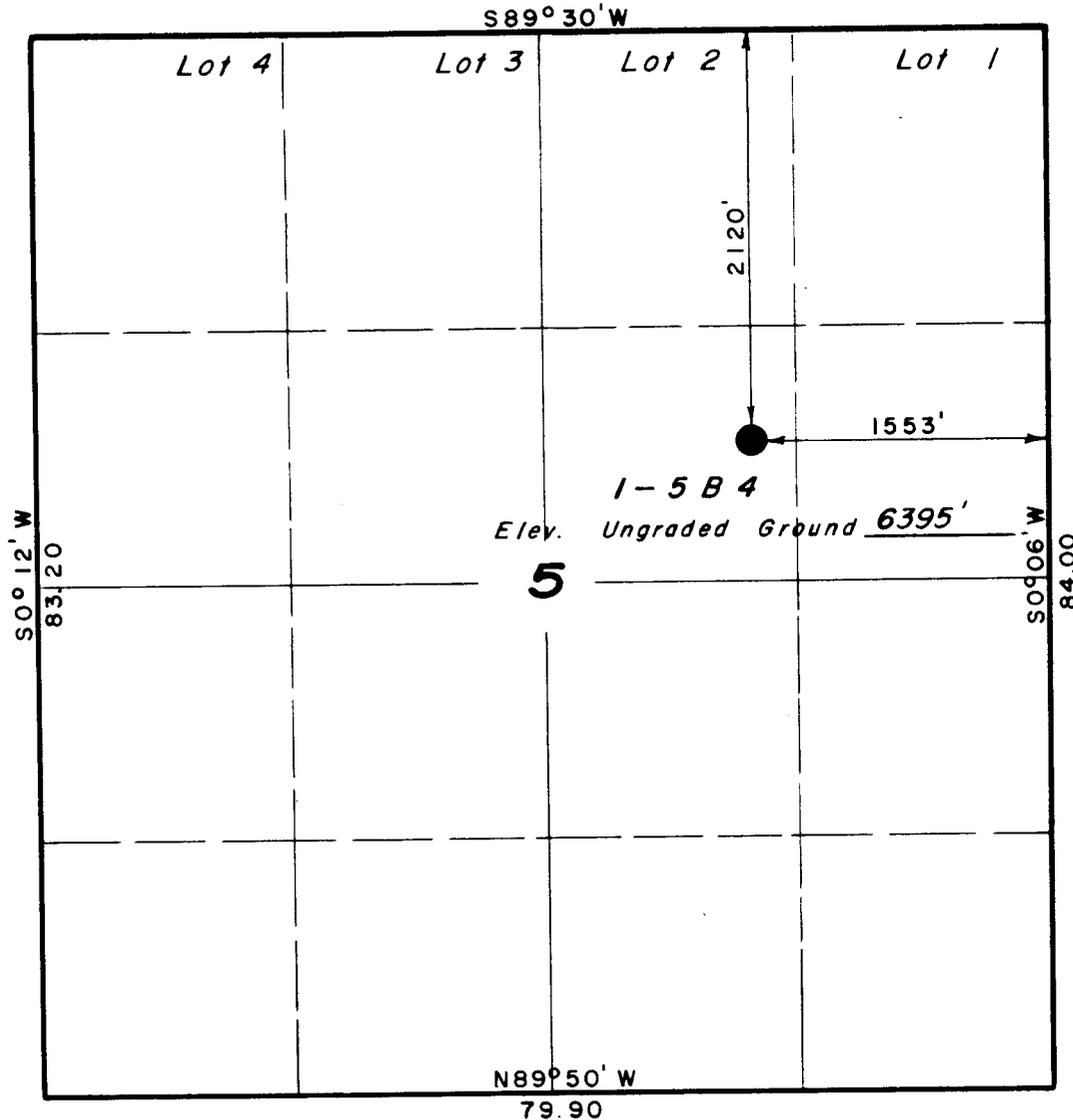
Conditions of approval, if any:

T2S, R4W, U. S. M.

PROJECT

SHELL OIL COMPANY

Well location, 1-5B4, located as shown in the SW1/4 NE 1/4 Sec. 5, T2S, R4W, U.S.M., Duchesne County, Utah.



CERTIFICATE

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

*Shirley Swait*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

X = Corners Located & Used.

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

SCALE 1" = 1000'	DATE 2 May 1972
PARTY G.S. & D.F.	REFERENCES GLO Plat
WEATHER Warm	FILE Shell Oil Company

DRILLING WELL PROGNOSIS

WELL NAME Chandler 1-5BL  
 TYPE WELL development  
 FIELD/AREA Altament

APPROX. LOCATION (SUBJECT TO SURVEY) NE 7 sec 5 25 4W Duchesne CO Utah

EST. G. L. ELEVATION 6400 PROJECTED TO 14200 OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17 1/2"	13 3/8"			300' or 50' Three boulders	SAMPLES: surface - 7000' : 30' 7000' - t.d. : 10'
12 1/4"	9 5/8"	(thru casing)		TGR1 5500'	CORES: none
				6200'	DST'S: none
8 3/4"	7" to surface	BHC sonic OR cal DLC CML FDC	1° per 1000'	TGR3 9800'	DEVIATION CONTROL dogleg severity not to exceed 1 1/2° in any 100' interval
				Wasatch 11400'	CEMENT 13 3/8": circulate to surface 9 5/8": lower 1500' plus ballhead 7": lower 1500' 5": full length liner job
				top Red Beds 11700'	MUD surface - 10,500' : water 10,500' - t.d. : weighted, dispersed, fresh water gel mud
				12000'	
6 1/8"	5" liner			base Red Beds 12500'	
				Wasatch Lake 13700'	
				t.d. 14200'	

ORIGINATOR: Keiner PM DATE 7-17-72  
 7/19/72

ENGINEERING APPROVAL:

PETROLEUM:

OPERATIONS:

OPERATIONS APPROVAL:

D.S. Martich

DIV. DRILLING SUPT.

July 21, 1972

Shell Oil Company  
1700 Broadway  
Denver, Colorado 80202

Re: Well No. Chandler #1-5B4,  
Sec. 5, 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 topographical exception under Cause No. 139-3/139-4.

The following mud system monitoring equipment must be installed (with derrick floor indicators) and used throughout the period of drilling after setting and cementing the intermediate string or upon reaching a depth at which high pressures could occur:

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

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

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

Shell Oil Company  
July 21, 1972  
Page Two

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

The API numbers assigned to this well is 43-013-30140.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd

(See other instructions on reverse side)

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

**NOV 12 1973**

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Chandler

9. WELL NO.

1-5B4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

SW/4 NE/4 Section 5-  
T 2S-R 4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR Shell Oil Company (Rocky Mtn Div. Production)  
Tenneco, Chevron, Barber Oil and Altex

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 2120' FNL and 1553' FEL Sec 5

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-30140 DATE ISSUED 7-21-72

15. DATE SPUNDED 7-22-72 16. DATE T.D. REACHED 2-14-73 17. DATE COMPL. (Ready to prod.) 5-5-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6400 GL, 6429 KB 19. ELEV. CASINGHEAD 29'

20. TOTAL DEPTH, MD & TVD 14,066 21. PLUG, BACK T.D., MD & TVD 14,020 22. IF MULTIPLE COMPL., HOW MANY\* → 23. INTERVALS DRILLED BY → ROTARY TOOLS Total CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Wasatch and Flagstaff perms 11,677-13,990 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHCS-GR w/cal, CNL-FDC w/GR, DIL, 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#	318'	17 1/2"	450 SX	0
9 5/8"	40#	6,900'	12 1/4"	800 CF	0
7"	26 & 29#	11,767'	8 3/4"	700 CF	0

29. LINER RECORD <u>CF</u>				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SAVES CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,553	14,050	673				

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	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)	
5-5-73		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-17-73	24	8/64"	→	488	561	0	1150
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3400	0	→	488	561	0	44.8°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel on lse, some sold to Mtn Fuel, & remainder 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 K. B. Jordan TITLE Division Operations Engr. DATE Oct. 29, 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4

(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. On 24-hr test, well  
flowed 318 BO, no wtr and 336 MCF gas on 6/64" chk w/  
3300 psi FTP and zero CP. MAY 19 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4

(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. On 24-hr test, well  
flowed 461 BO, no wtr and 588 MCF gas on 8/64" chk  
w/3400 psi FTP and zero CP. MAY 17 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4

(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. OIL WELL COMPLETE.  
On 24-hr test 5/17/73, flowed 488 BO, no wtr and 561  
MCF gas on 8/64" chk w/3400 psi FTP and zero CP from  
Wasatch and Flagstaff perms 11,677, 11,814, 11,821,  
11,896, 12,053, 12,287, 12,400, 12,717, 12,765, 12,795,  
12,869, 12,873, 12,896, 12,904, 13,065, 13,075, 13,174,  
13,237, 13,370, 13,449, 13,485, 13,496, 13,532, 13,542,  
13,568, 31,575, 13,587, 13,601, 13,633, 13,679, 13,712,  
13,720, 13,750, 13,903, 13,918, 13,950, 13,967, 13,990.  
Oil Gravity: 44.8° API @ 60°F.

Compl Test Date: 5/17/73. Initial Prod Date: 5/5/73.

Elev: 6400 GL, 6429 KB

Log Tops: TGR <sub>3</sub>	9,710' (-3281)
UPPER WASATCH TRANSITION	11,155' (-4726)
LOWER WASATCH TRANSITION	12,550' (-6121)
FLAGSTAFF	13,250' (-6821)

This well was drilled for routine development.

FINAL REPORT. MAY 19 1973

**CASING AND CEMENTING**

Field Altamont Well Chandler 1-5B4

Job: 5 " O.D. Casing/Liner. Ran to 14,050 feet (KB) on 3-18, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					29.0	KB	CHF 29.0

CHF							
	Burns liner hanger			X	7.55		11,552.57
41	18#	N-80	Hydril SFJP	X	1,752.91	11,560.12	13,313.03
18	18#	S00-95	"	X	736.97	13,313.03	14,050.00
Tieback at							11,552.57

59 jts (Total)

**Casing Hardware:**

Float shoe and collar type Howco diff fill shoe and collar  
 Centralizer type and product number B & W Centralizers (23)  
 Centralizers installed on the following joints 9, 10, 11, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49, 53, 56, 59, 62, 65, 68, 68  
 Other equipment (liner hanger, D.V. collar, etc.) Burns plain single slip w/special extension w/Chevron packing assembly

**Cement Volume:**

Caliper type FDC. Caliper volume 485 ft<sup>3</sup> + excess over caliper  
121 ft<sup>3</sup> + float collar to shoe volume 11 ft<sup>3</sup> + liner lap 14 ft<sup>3</sup>  
 + cement above liner 42 ft<sup>3</sup> = 673 ft<sup>3</sup> (Total Volume).

**Cement:**

Preflush-Water 5 bbls, other \_\_\_\_\_ Volume 119 bbls  
 First stage, type and additives Class "G" containing 30% silica flour and 1.5% D-31 and .2% R-5.  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability 4 hours at 260 °F. Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_  
 Second stage, type and additives \_\_\_\_\_  
 ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F. Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_

**Cementing Procedure:**

Rotate/reciprocate \_\_\_\_\_  
 Displacement rate 3.5  
 Percent returns during job Full returns  
 Bumped plug at 12:04 AM/PM with 3,000 psi. Bled back 1 bbls. Hung csg with \_\_\_\_\_ lbs on slips.

**Remarks:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Drilling Foreman K. L. Payne  
 Date 3-19-73

CASING AND CEMENTING

Field Altamont Well Chandler 1-5B4  
 Job: 7 " O.D. Casing/Liner. Ran to 11,767 feet (KB) on 1-22, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					29.00	KB	CHF 29.00
<u>3</u>	<u>29#</u>	<u>S-95</u>	<u>ST&amp;C</u>	<u>X</u>	<u>132.75</u>	<u>CHF</u>	<u>95.90</u>
<u>202</u>	<u>26#</u>	<u>S-95</u>	<u>ST&amp;C</u>	<u>X</u>	<u>9,916.06</u>	<u>95.90</u>	<u>10,011.96</u>
<u>1</u>	<u>29#</u>	<u>S-95</u>	<u>LC X SP</u>	<u>X</u>	<u>42.13</u>	<u>10,011.96</u>	<u>10,054.09</u>
<u>37</u>	<u>29#</u>	<u>S-95</u>	<u>LT&amp;C</u>	<u>X</u>	<u>1,712.91</u>	<u>10,054.09</u>	<u>11,767.00</u>
					<u>1.00</u>	<u>11,767.00</u>	<u>11,768.00</u>

243 jts (TOTAL)

Casing Hardware:

Float shoe and collar type Howco diff fill, Howco diff fill float and collar

Centralizer type and product number Howco centralizers (6)

Centralizers installed on the following joints #1, 3, 5, 7, 9, 11

Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

Cement Volume:

Caliper type \_\_\_\_\_ . Caliper volume \_\_\_\_\_ ft<sup>3</sup> + excess over caliper  
 \_\_\_\_\_ ft<sup>3</sup> + float collar to shoe volume \_\_\_\_\_ ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>  
 + cement above liner \_\_\_\_\_ ft<sup>3</sup> = \_\_\_\_\_ ft<sup>3</sup> (Total Volume).

Cement:

Preflush-Water \_\_\_\_\_ bbls, other \_\_\_\_\_ Volume \_\_\_\_\_ bbls

First stage, type and additives \_\_\_\_\_

ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F. . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_

Second stage, type and additives \_\_\_\_\_

ft<sup>3</sup>/sk, volume \_\_\_\_\_ sx. Pumpability \_\_\_\_\_ hours at \_\_\_\_\_ °F. . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_

Cementing Procedure:

Rotate/reciprocate \_\_\_\_\_

Displacement rate \_\_\_\_\_

Percent returns during job \_\_\_\_\_

Bumped plug at \_\_\_\_\_ AM/PM with \_\_\_\_\_ psi. Bled back \_\_\_\_\_ bbls. Hung csg with \_\_\_\_\_ lbs on slips.

Remarks:

Cemented w/250 cu ft BJ lite followed by 200 cu ft Class "G", 1% D-31 - 15.8 ppg slurry. Lost 25<sup>±</sup> bbls mud while displacing. Bumped plug w/2,000 psi. CIP 5:40 AM.

Drilling Foreman K. L. Payne for H. Curtis  
 Date 1-25-73

CASING AND CEMENTING

FIELD ALPAMONT WELL CHANDLER 1-5B4 KB TO CHF 14'

Shoe jt started in hole 2 PM 8-8-72

Ran 154 jts 40# K-55 ST&C & 7 jts 40# N-80 LT&C 9 5/8" csg to 6900'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&amp;C LT&amp;C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
154	40#	K-55	ST&C	X	6605.58	0	6600.00
5	40#	N-80	LT&C	X	210.74	6600.00	6810.74
		HOWCO DIFF FILL FLOAT COLLAR			2.30	6810.74	6813.04
2	40#	N-80	LT&C	X	84.69	6813.04	6897.73
		HOWCO DIFF FILL FLOAT SHOE			2.27	6897.73	6900.00

161 jts TOTAL

HOWCO Diff Fill Collar at 6813

HOWCO Diff Fill Shoe at 6900

No., Make and Type

6 Howco centralizers spaced 10' from guide shoe

Cementing

Broke circ 9:15 PM w/200 psi. Reciprocated and circ 75 min. With 10 bbls water ahead, cemented through shoe at 6900' w/500 cu ft 40:60 poz, 6% gel, followed by 300 cu ft Class "G" Neat retarded. Wt - 12.4-11.0#/gal. Mixing complete in 50 min. Press - Max 750, min - 0. Plug down 11:20 PM. Press to 1800 psi in 1 min. Bled back 4 bbls. Floats held ok.

BOB S. HORN

CASING AND CEMENTING

FIELD ALTAMONT WELL CHANDLER 1-5B4 KB TO CHF 14'

Shoe jt started in hole 11:15 AM 7-24-72

Ran 8 jts 68# K-55 ST&C 13 3/8" csg to 318'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&amp;C LT&amp;C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
7	68#	K	ST&C	X	285.00	0	281.00
		B & W INSERT FLOAT					281.00
1	68#	K	ST&C	X	35.70	281.00	316.70
		B & W GUIDE SHOE			1.30	316.70	318.00
<u>8 jts (322') TOTAL</u>							

Insert Float Collar at 281.00

Guide Shoe at 318.00

No., Make and Type

3 B & W centralizers spaced 6' from guide shoe, 37' from guide shoe, and 20' below BOH

Cementing

With 5 bbls water ahead, cemented through shoe at 318' w/450 sx Class "G" cmt, 3% CaCl<sub>2</sub>. Wt - 15.9-16.1#/gal. Mixing complete in 35 min. Press - Max 200. Bled back 1 1/2 bbls.

BOB S. HORN

FORM OGC-8-X  
FILE IN QUADRUPLICATE

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS CONSERVATION  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Shell-Tenneco-Chevron-Barber Oil-Altex-Chandler 1-5B4

Operator Shell Oil Company (Rocky Mountain Division Production)

Address 1700 Broadway, Denver, Colorado 80202

Contractor Signal Drilling Company

Address 1200 Security Life Building, Denver, Colorado 80202

Location SW 1/4, NE 1/4, Sec. 5, T. 2 N., R. 4 W., Duchesne County.

Water Sands:

	<u>Depth:</u>		<u>Volume:</u> Flow Rate or Head -	<u>Quality:</u> Fresh or Salty -
	From -	To -		
1.	<u>No sands tested or evaluated and no water flow encountered</u>			
2.	<u>(GR available from 200' to TD)</u>			
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

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

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020.  
4/29: SI, WO prod facilities. Pulled BHP, making  
gradient stops @ 12,700 and 12,300. BHP after  
being SI 2 hrs 7861 psi, after 58½ hrs 7995 and after  
68½ hrs 7995. TP after bombs out of hole 4390 psi.  
(RDUFA) APR 30 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. (RRD 4/30/73). Flowing. On  
various tests, well flowed as follows: MAY 9 1973  
Report

Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
5/6	20	590	0	598	8/64"	4100	0
5/7	24	643	0	630	8/64"	4000	0
5/8	24	600	79	630	8/64"	4000	0
5/9	24	610	0	622	8/64"	4000	0

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. On 24-hr test,  
flowed 610 BO, no wtr and 748 MCF gas on 8/64" chk  
w/4000 psi FTP and zero CP. MAY 10 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. On 24-hr test, well  
flowed 491 BO, no wtr and 558 MCF gas on 8/64" chk w/  
3900 psi FTP and zero CP. MAY 11 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. On 24-hr test, well  
flowed as follows: MAY 14 1973  
Report

Date	BO	BW	MCF Gas	Chk	FTP	CP
5/12	551	3	596	8/64"	3900	0
5/13	661	0	681	8/64"	3800	0
5/14	468	0	425	6/64"	3800	0

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Flowing. On 24-hr test, flowed  
367 BO, no wtr and 622 MCF gas on 6/64" chk w/3500 psi  
FTP and zero CP. MAY 15 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Prep to AT. RU OWP and perf'd from top down unidirectionally using magnetic decentralized steel tube carrier gun w/JRC charges: 13,990, 13,967, 11,677, 11,814, 11,821, 11,896, 12,053, 12,287, 12,400, 12,717, 12,765, 12,795, 12,869, 12,873, 12,896, 12,904, 13,065, 13,075, 13,174, 13,237, 13,370, 13,449, 13,485, 13,496, 13,532, 13,542, 13,568, 13,575, 13,587, 13,601, 13,633, 13,679, 13,712, 13,720, 13,750, 13,903, 13,918, 13,950. Press from 200-3050 psi. Depths refer to CNL-FDC log dated 3/16/73 except @ 11,677 which depth refers to CNL-FDC log dated 1/18/73. APR 24 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Prep to flow to pit. AT gross perfs 11,677-13,990 w/20,000 gal 15% HCl. Pmpd 15 bbls acid, dropped 1-7/8" RCN ball sealer w/1.24 sp gr, pmpd 13 bbls acid. Repeated 35 times for total of 450 bbls acid and 36 ball sealers. Acid contained the following additives/1000 gal: 3 gal G-10, 3 gal C-15, 10 gal J-7, 3 gal J-22, 3/4# radioactive trtd Iridium 192 sd, 30# OS-160 Wide Range Unibeads and 30# OS-160 Unibead Buttons. Flushed w/4800 gal FW containing 165# NaCl and 3 gal G-10/1000 gal. Max press 8600 psi, avg 7500 psi, min 5100 psi. Max rate 8 B/M, avg 7 B/M, min 5 B/M. ISIP 5200 psi, incr to 5500 psi in 5 and 20 min. Poor ball action. Had steady incr in press throughout trtmt. MI&RU OWP and ran GR log from 11,400-14,006. Log indicated 10-11 perfs not taking much fluid. APR 25 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. SI for BHP. Flowed to pit 5 1/2 hrs on 64/64" chk, flwg est 200 B/H w/approx 200 BW total (GOR 1000) w/press of 200-900 psi. On last hr, flowed est 160 BO and 10 BW (GOR 1000). Chks and press's as follows:

	<u>Choke</u>	<u>Press</u>	<u>Choke</u>	<u>Press</u>
	64/64"	900	24/64"	2700
	54/64"	900	14/64"	2900
	44/64"	1150	4/64"	3700
	34/64"	1500	ISIP	4050

Pmpd in 5 bbls diesel. RU Cable and ran 72-hr tandem bombs to 12,500. Press after bombs in hole @ 5 PM 4200 psi. APR 26 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. SI for BHP. APR 27 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Western Oilwell  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Pulling tbg. Ran prod eqmt, spaced out and circ trtd wtr in annulus. Displaced tbg w/2% NaCl. Landed tbg and press tested to 7500 psi, losing 600 psi in 25 min. Checked on-off tool, OK. Press tested to 7500 psi, losing 700 psi in 20 min. Swbd tbg - could not swab down. Started pulling tbg. APR 17 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Western Oilwell  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Prep to press test. Finished pulling tbg - did not have Baker Model "B" pushout plug. Picked up Baker pushout plug and prod eqmt, testing to 7500# going in hole. Latched into pkr, jayed off, spaced out and landed tbg. APR 18 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Western Oilwell  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. Running tbg. Tested tbg to 7500 psi, losing 700 psi in 1 hr. Unlatched seal assembly and tested tbg to 7500 psi for 1 hr, losing 600 psi. Started to pull tbg, testing to 7500 psi. Found collar leak on factory side @ 7000' - collar pin threads galled. Ran in prod eqmt and tested to 7500 psi. APR 19 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020.  
4/20: WO perforators. Finished running prod eqmt as follows, testing tbg to 7500 psi while going in hole: Baker Model "C" expendable plug holder w/Model "B" pushout plug in place - tested to 7500 psi both directions, 30' x 2-7/8" N-80 10rd nonperf'd prod tube, Baker anchor tbg seal assembly w/2 seal units, Baker Model "EL on-off connector w/Otis 2.313" "N" nipple w/ 2.255" no-go, 6' tbg sub, 3 jts tbg, Camco KBMG mandrel #HO-10 w/dummy in place, 197 jts tbg, Camco KBMG mandrel #HO-1 w/dummy in place, 180 jts tbg, three 6' subs, two 4' subs, one 2' sub, 1 jt tbg. Ran total of 381 jts tbg and two 4', four 6' and one 2' subs. All tbg and subs 2-7/8" EUE N-80. Tbg landed w/4000# set-down wt. Circ FW in annulus w/inhib wtr. Displaced tbg w/clean wtr containing 2% NaCl, heated to 100°F. Press tested tbg to 7500 psi. Lost 50 psi in 1 hr. Installed BPV in tbg hanger, removed BOP stack, installed and nipped up 10,000# frac tree. Tested tree to 10,500#. Released Western Oilwell Service @ 7 PM, 4/19.  
4/21: WO perforators.  
4/22: WO perforators. APR 23 1973  
4/23: RU to perf.

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,066' Wasatch Test  
5" liner @ 14,050'

14,066/96/107/0. PB 14,020. Laying down DP. Set  
RTTS @ 11,457. Displaced mud w/wtr to 11,000' w/  
4200 psi differential. Inflow test held OK. Set  
pkr and tested as follows:

<u>Pkr Interval</u>	<u>Testing Press</u>
9200±'	2100 psi
6800±'	3000 psi
4400±'	3900 psi
2000±'	4800 psi

MAR 23 1973

Went in hole w/DP and circ btms up @ 13,950

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D)  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. RDRT. Finished laying down DP  
and DC's. Nippled down stack and installed BPV and tbg  
spool. Released rig @ 6 PM, 3/24/73. (RDUFA)

MAR 26 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Western Oilwell  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020. (RRD 3/26/73). Picking up tbg.  
MI&RU Western Oilwell Service rig #17 on 4/12/73.  
Installed BOP and tested same. APR 13 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Western Oilwell  
14,066' Wasatch Test  
5" liner @ 14,050'

TD 14,066. PB 14,020.  
4/14: Pulling tbg, bit and scraper. Picked up and  
ran 4-1/8" bit, 2470' 2-7/8" 8rd tbg work string, 7"  
Baker scraper and new tbg to 14,020. Circ 400 gal B-J  
mud sweep and 900 bbls FW. After pmpg 650 bbls, returns  
cloudy w/some solids. Did not clean up during next 250  
bbls. Sptd 50 bbls 10% acetic acid on btm. Pmpd total  
of 1010 bbls fluid. Returns same as after 650 bbls.  
Tested for flowback, OK. Press tested to 5000 psi, OK.  
4/15: Picking up 5 1/2" heat string. Pulled and laid down  
bit, tbg, scraper and 2470' of tbg. RU Schl @ 12 PM.  
Could not get logging tools to operate. Released Schl  
@ 8 PM. RU OWP and ran CBL, VDL and PDC logs from  
10,000-13,980, running CBL and VDL under 3000 psi. Top  
of cmt @ 11,182 w/cmt bonding fair to poor. Ran Baker  
Model "D" pkr w/flapper, setting top @ 11,526. Logging  
tools sticking @ 14,000. Tool ran to 14,010, corrected  
depth.

4/16: Picking up tbg. Picked up and ran 72 jts 5 1/2",  
14#, K-55 heat string w/Type I special clearance cplgs  
to 3058'. Changed BOP rams from 5 1/2" to 2-7/8". Set  
BPV, removed BOP, installed 6" 5000 psi x 10" 5000 psi  
tbg spool, installed BOP and tested to 5000 psi, removed  
BPV and started picking up prod eqmt. APR 16 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,066' Wasatch Test  
5" liner @ 14,050'

3/17: 14,066/96/101/0. RD loggers, prep to trip in.  
Ran BHCS-GR w/cal and CNL/FDC-GR from 14,044-11,700,  
reran CNL/FDC-GR from 12,800-11,800 and ran DIL from  
14,044-13,900 - tool failed. Hole remained stable while  
logging. Lost approx 5 bbls mud to hole past 24 hrs.  
Mud: (gradient .806) 15.5 x 50 x 5.0 (4.9#/bbl LCM)  
3/18: 14,066/96/102/0. Running 5" liner. Tripped in  
and circ out gas. Background gas: 80 units. Trip gas:  
3200 units. No mud loss.  
Mud: (gradient .806) 15.5 x 50 x 5.0 (4.9#/bbl LCM)  
3/19: 14,066/96/103/0. WOC, prep to CO 5" liner and  
7" csg. Ran 59 jts 5", 18#, SOO-95 and N-80 Hydril  
SFJ-P liner and circ @ 7" csg shoe. Ran to 14,050 and  
hung liner 2' off btm (fill from 14,050-14,066). Cmtd  
w/673 cu ft Class "G" containing 30% silica flour, 1.5%  
D-31 and 0.2% R-5. Good returns throughout cmtg. Plug  
down @ 12:04 AM, 3/19/73. Tieback @ 11,553', FC @ 13,927'  
and shoe @ 14,048' (Burns liner hanger 7.55'). MAR 19 1973  
Mud: (gradient .806) 15.5 x 50 x 5.0 (4.9#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,066' Wasatch Test  
5" liner @ 14,050'

14,066/96/104/0. Cleaning out cmt. Went in hole and  
broke circ @ 10,000±'. Top of cmt @ 10,575. CO cmt  
from 10,575-11,275.  
Mud: (gradient .806) 15.5 x 60 x 5.6 MAR 20 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,066' Wasatch Test  
5" liner @ 14,050'

14,066/96/105/0. Circ. CO cmt to liner top. Tested  
lap to 1200 psi, OK. Ran 4-1/8" mill and CO liner lap.  
Went in hole to baffle, breaking circ. MAR 21 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,066' Wasatch Test  
5" liner @ 14,050'

14,066/96/106/0. PB 14,020. Going in hole w/RTTS.  
CO cmt from 13,927-14,020. Tested liner to 1200 psi,  
OK. Circ and cond mud and pulled out of hole for  
RTTS for inflow test.  
Mud: (gradient .806) 15.5 x 46 x 6.4 MAR 22 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/97/0. Going in hole w/new shoe. Milled  
over stab and washed over to 12,009, top of reamer  
cutter. Tripped for new shoe. MAR 13 1973  
Mud: (gradient .806) 15.5 x 48 x 3.6 (6.4#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/98/0. Milling @ 12,024. Milled over reamer  
@ 12,009. Washed over fish to 12,024. MAR 14 1973  
Mud: (gradient .806) 15.5 x 53 x 6.0 (5.1#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/99/0. Washing hole @ 12,006. Tripped in w/  
overshot, engaged and retrieved fish, laying down same.  
Ran RTTS to 1000' and tested csg to sfc w/2500 psi for  
15 min, held OK. Picked up Dailey jars and ran in hole,  
washing to btm. MAR 15 1973  
Mud: (gradient .806) 15.5 x 53 x 6.0 (5.1#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,110' Wasatch Test  
7" csg @ 11,767'

14,066/96/100/0. Tripping out for logs. Washed and  
reamed from 11,913-14,046. Washed hard from 11,913-  
11,973. Circ and cond mud. Btms up gas: 2400 units.  
Tripped out 25 stds. Waited in shoe @ 11,760 - hole  
stable, no loss or gain. Tripped in w/25 stds and  
circ btms up. Trip gas: 5200 units decr to 300 units.  
Lost approx 20 bbls mud past 24 hrs. Hole presently  
taking proper amt of fluid. MAR 16 1973  
Mud: (gradient .806) 15.5 x 50 x 4.8 (4.9#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-584  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/90/0. Circ, prep to run freepoint indicator. Finished in hole w/wash pipe. Milled up shoe @ 11,942. Washed over to 11,974 (top of btm stab.). Ran in w/ bumper sub, jars and Dialog circ sub. Started circ. Mud: (gradient .806) 15.5 x 46 x 7.2 (5.5#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-584  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/91/0. Chaining out of hole. Screwed into fish. Ran Dialog string shot - stopped @ top of fish @ 11,912. Ran Dialog CO wash pipe and washed and circ 3½ hrs - no hole. Ran Dialog down shot and reran Dialog wash pipe - no hole. Ran Dialog down shot - no hole. Made blind back off. Mud: (gradient .806) 15.5 x 42 x 4.4 (4.5#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-584  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/92/0. Prep to pull out of hole. Finished chaining out - no fish recovery. Ran Diamond washover shoe on 4 jts wash pipe. Milled on stab 4 hrs - no hole. Pulled and ran 4-3/4" slotted DC to attempt backoff w/outside shot - cannot screw into fish. Mud: (gradient .806) 15.5 x 44 x 5.4 (7#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-584  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/93/0. Circ. Changed screw in sub to one w/ 1" shorter pin. Went in hole and attempted to screw in. Pulled out of hole and went in hole w/6-1/8" OD x 5" ID dia shoe and 4 jts (130') 5" ID wash pipe. Mud: (gradient .806) 15.5 x 48 x 5.2 (7.9#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-584  
(D) Parker #117  
14,100' Wasatch Test  
7" csg at 11,767'

3/10: 14,066/96/94/0 Prep to pull out of hole. Worked over to top of fish. Washed over from 11,944-11,974. Milled on stabilizer five hrs. Made 6"±. Pulled out of hole. WO shoe; diamonds completely gone. Ran 6 1/8 x 5 3/16 RP shoe on 4 jts 5 3/4 x 5 3/16 WP. Attempted to work over top of fish.

Mud: (gradient .806) 15.5 x 48 x 5.2 (LCM 7.9)

3/11: 14,066/96/95/0 WO fish. Pulled out of hole and ran 5 3/4 x 4 5/8 overshot, bumper sub and jars. Could not get over fish. Pulled out of hole and ran 6 1/8 x 5" TC shoe w/4 jts WP (130'). Worked over fish (fish apparently stuck 3-4' below top)

Mud: (gradient .806) 15.5 x 46 x 4.4 (LCM 5)

3/12: 14,066/96/96/0 Milling on stabilizer. Milled on stabilizer w/torque. Pulled out of hole. Ran 6 1/8 OD x 4 15/16 ID shoe w/4 jts WP. Circ and cond mud. Went over top of fish w/no trouble. Mud:(gradient .806) 15.5 x 50 x 3.6 (LCM 6.4)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/83/0. Circ, prep to back off. Washed over fish from 11,842-11,908 (top of stabilizer). Milled off 18" of washover shoe. Ran in hole w/bumper sub and jars and circ. Screwed into fish @ 11,816 - fish plugged.  
Mud: (gradient .806) 15.5 x 43 x 4.8 (8.8#/bbl LCM) (3% oil)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/84/0. Washing over fish. Ran Dialog freepoint indicator and backed off. Chained out of hole w/fish. Top of fish @ 11,912. Tripped in w/3 jts of wash pipe and shoe and started washing over fish from 11,912-11,942.  
Mud: (gradient .806) 15.5 x 40 x 8.0 (2.5#/bbl LCM) (2% oil) FEB 23 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/85/0. Tripping out w/shoe #3. Washed over fish @ 11,942. Pumped slug and tripped out, leaving shoe #2 @ 11,942. Laid down badly scarred wash pipe. Tripped in w/3 jts 17# 5-3/4" OD x 5-3/16" ID wash pipe and washed over fish @ 11,942.  
Mud: (gradient .806) 15.5 x 43 x 8.4 (2#/bbl LCM) (1.5% oil) MAR 1 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/86/0. Washing over fish @ 11,942 w/shoe #5. Changed shoe and washed over fish @ 11,942. Pmpd slug and tripped for new shoe. Washed over from 11,912-942.  
Mud: (gradient .806) 15.5 x 43 x 8.4 (2#/bbl LCM) (1.5% oil) MAR 2 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

3/3: 14,066/96/87/0. Mixing LCM pill. (Shoe of wash pipe @ 11,766). Washed over fish 3 1/2 hrs. Round tripped, breaking circ @ 10,000'. Lost returns when breaking circ @ shoe @ 11,766. Mixed and pmpd LCM pills. Regained partial returns while pmpg pill #2, w/1/2 returns for approx 1 hr after pmpg pill #3 and then lost returns. Lost approx 560 bbls mud last 12 hrs.  
Mud: (gradient .806) 15.5 x 41 x 7.8 (6+#/bbl LCM) (1% oil)

3/4: 14,066/96/88/0. Tripping in w/shoe #7. Mixed and pmpd LCM pill. Washed over fish @ 11,912 and @ 11,942. Pmpd pill prior to tripping out for new shoe. Hole stable - lost approx 200 bbls mud past 24 hrs.  
Mud: (gradient .806) 15.5 x 41 x 7.8 (6+#/bbl LCM) (1% oil)

3/5: 14,066/96/89/0. Testing BOP. Washed over from 11,912-11,942. Tested BOP's to 5000 psi and Hydril to 3000 psi.  
Mud: (gradient .806) 15.5 x 44 x 8.0 (6.6#/bbl LCM) MAR 5 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/77/0. Going in hole w/bumper sub and jars.  
Worked stuck pipe. Ran freepoint indicator - pipe  
free @ 12,014. Backed off DC's @ 11,691 and pulled  
out of hole. FEB 21 1973  
Mud: (gradient .806) 15.5 x 41 x 7.2 (4.1#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/78/0. Working stuck pipe. Jarred on fish 2½  
hrs. Mixed 50 bbl Black Magic pill and pumped in hole  
w/press building to 4000 psi x 34 strokes while dis-  
placing (normal press 1100 psi x 51 strokes). Circ  
Black Magic pill out of hole. CO plugged flow line.  
Circ and worked pipe. Started building 15.5 Imvermull.  
Mud: (gradient .806) 15.5 x 43 x 5.6 FEB 22 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/79/0. Pulling freepoint indicator. Circ  
and cond mud. Sptd 50-bbl Imvermull pill w/10 bbls  
outside. Booted remaining 40 bbls @ 5 B/H. Jarred  
and bumped down with oil sptd. Did not jar fish  
loose. Ran Dialog freepoint indicator. FEB 23 1973  
Mud: (gradient .811) 15.6 x 45 x 5.2 (4.5#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

2/24: 14,066/96/80/0. Pulling out of hole. Circ out  
Imvermull pill. Attempted to back off @ 11,998. Reran  
freepoint indicator which indicated pipe stuck @ shoe  
of 7" @ 11,767. Backed off @ 11,722.  
Mud: (gradient .806) 15.5 x 43 x 5.2 (4.5#/bbl LCM)  
(2% oil)

2/25: 14,066/96/81/0. Going in hole w/jars and  
bumper sub. Ran 130' of 5-3/4" wash pipe. Washed  
over from 11,767-11,854. Pulled out of hole and started  
in w/jars and bumper sub.  
Mud: (gradient .806) 15.5 x 46 x 5.0 (7.7#/bbl LCM)  
(2% oil)

2/26: 14,066/96/82/0. Washing over @ 11,842. Ran  
Dialog freepoint indicator - pipe stuck @ 11,855.  
Backed off @ 11,816 (rec 3 DC's). Ran 4 jts wash pipe,  
dia shoe, bumper sub and jars and started washing over  
@ 11,842. Fish is plugged - unable to circ.  
Mud: (gradient .806) 15.5 x 43 x 4.8 (8.8#/bbl LCM)  
(3% oil) FEB 26 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

13,918/96/70/142. Drilling. Background gas: 700 units.  
Connection gas: 1100 units. FEB 14 1973  
Mud: (gradient .796) 15.3 x 40 x 20.6 (2#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/71/148. Spotting LCM pills. Cond mud and  
resumed drlg, losing circ @ 14,066. Started sptg LCM  
pills. Background gas prior to lost circ: 150 units.  
Connection gas: 250 units. Lost 350 bbls mud @ 14,066.  
Mud: (gradient .811) 15.6 x 40 x 20.6 (2#/bbl LCM) FEB 15 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/72/0. Cond mud 10 stds off btm. Pulled 20  
stds DP. Hole stable since 6 PM, 2/15. Lost 500 bbls  
mud past 24 hrs w/total loss of 850 bbls. Background  
gas: 500 units. Btms up on lost circ: 3000 units. FEB 16 1973  
Mud: (gradient .806) 15.5 x 43 x 20.4 (18#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

2/17: 14,066/96/73/0. Cond mud. No mud lost past 24  
hrs. Background gas @ 6 AM: 400 units w/15.5 ppg mud  
in and out. (Note: new gas detector installed on 2/8/73)  
Mud: (gradient .806) 15.5 x 40 x 15.6 (4.5#/bbl LCM)

2/18: 14,066/96/74/0. Logging. Circ and cond mud.  
Strapped out and rabbitted pipe. Background gas: 400  
units. Short trip gas: 4000 units.  
Mud: (gradient .806) 15.5 x 41

2/19: 14,066/96/75/0. Short tripping. Ran DIL - stopped  
@ 12,265. Ran Sonic w/cal - indicated 5½" hole @ 11,925.  
Ran bit and reamed from 11,917-12,325 and 12,500-12,560.  
Circ btms up and cond mud. Background gas: 200 units.  
Trip gas: 2400 units. FEB 19 1973  
Mud: (gradient .806) 15.5 x 41 x 8.4 (8.3#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

14,066/96/76/0. Working stuck pipe. Ran DIL from  
14,000-11,766. Tool failed for CNL-FDC. Ran Sonic-GR  
w/cal w/tool stopping @ 12,284. Went in hole w/pipe  
stopping @ 12,052. Picked up pipe to 12,027 to put  
on kelly - pipe stuck @ 12,027. FEB 20 1973  
Mud: (gradient .806) 15.5 x 40 x 4.4 (4.1#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

12,990/96/62/78. Drilling. Sptd LCM pill and regained circ. FEB 6 1973  
Mud: (gradient .775) 14.9 x 42 x 14.2 (4.5#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

13,073/96/63/83. Drilling.  
Mud: (gradient .785) 15.1 x 43 x 13.4 (5.5#/bbl LCM) FEB 7 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

13,078/96/64/5. Repairing Hydril. Tested BOP's to 5000 psi. Repaired and replaced Hydril rubber.  
Mud: (gradient .785) 15.1 x 43 x 13.4 (5.5#/bbl LCM) FEB 8 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

13,135/96/65/57. Drilling. Finished replacing Hydril rubber and tested Hydril to 3000 psi for 5 min. Well started flowing. Went in hole and broke circ @ 11,500' and circ out GCM (9000 units gas). Washed to btm. FEB 9 1973  
Background gas: 100 units. Connection gas: 2-300 units.  
Mud: (gradient .790) 15.2 x 42 x 15.2 (6.1#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

2/10: 13,288/96/66/153. Drilling. Worked LCM through and under bit. Circ GCM. Lost 100 bbls mud. Background gas: 200 units. Connection gas: 700 units.  
Mud: (gradient .795) 15.3 x 40 x 16.4 (7.8#/bbl LCM)

2/11: 13,470/96/67/182. Drilling. Background gas: 40-50 units. Connection gas: 1000-1500 units.  
Mud: (gradient .795) 15.3+ x 43 x 16.4 (6.2#/bbl LCM)

2/12: 13,630/96/68/160. Drilling. Broke input shaft between compound and #2 pump. Background gas: 100 units. Connection gas: 200-300 units. FEB 12 1973  
Mud: (gradient .795) 15.3+ x 51 x 13.2 (6.3#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,100' Wasatch Test  
7" csg @ 11,767'

13,776/96/69/146. Drilling. Background gas: 200 units. Connection gas: 2500 units. FEB 13 1973  
Mud: (gradient .795) 15.3 x 44 x 20.8 (3.2#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

1/27: 11,955/96/52/60. Drilling. Circ out GCM.  
Raised mud wt from 11.4 to 11.8 ppg. Background gas:  
50-100 units. Max gas: 4000 units. No mud loss.  
Mud: (gradient .614) 11.8+ x 40 x 14.2 (3.7#/bbl LCM)  
1/28: 12,049/96/53/94. Drilling. Background gas: 5  
units. Connection gas: 1000 units. No mud loss.  
Mud: (gradient .619) 11.9 x 41 x 14.4 (5.5#/bbl LCM)  
1/29: 12,155/96/54/106. Drilling. Background gas:  
5 units. Connection gas: 900 units. No mud loss. JAN 29 1973  
Mud: (gradient .619) 11.9 x 41 x 11.6 (6#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

12,247/96/55/92. Drilling. Background gas: 10-20 units.  
Connection gas: 1000 units w/10-20 units after incr mud  
to 12.2 ppg. JAN 30 1973  
Mud: (gradient .634) 12.2 x 44 x 11.2 (4.4#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

12,402/96/56/155. Drilling. Background gas: 10 units  
w/peaks of 50 units. JAN 31 1973  
Mud: 12.5 x 43 x 8.0 (2.5#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

12,538/96/57/136. Drilling. Background gas: 10  
units. FEB 1 1973  
Mud: (gradient .697) 13.4 x 42 x 10.4 (5.5#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

12,634/96/58/96. Drilling, prep to trip for bit.  
Background gas: 10-20 units. Lost 50 bbls mud. FEB 2 1973  
Mud: (gradient .728) 14.0 x 43 x 11.2 (1#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

2/3: 12,695/96/59/61. Drilling. Tripped for new bit  
@ 12,636.  
Mud: (gradient .744) 14.3 x 43 x 12.0  
2/4: 12,810/96/60/115. Drilling. Background gas: 7  
units. Connection gas: 10 units.  
Mud: (gradient .763) 14.7 x 40 x 13.6 FEB 5 1973  
2/5: 12,912/96/61/102. Mixing LCM pill. Show of 800  
units @ 12,875. Background gas: 50 units. Connection  
gas: 3200 units.  
Mud: (gradient .770) 14.8 x 40 x 13.6 (5.5#/bbl LCM)

Shell-Tenneco-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

1/20: 11,764/96/45/48. Drilling. Went in hole,  
breaking circ @ 8000' and 10,000'.  
Mud: (gradient .587) 11.3 x 41 x 13.0 (10#/bbl LCM)  
1/21: 11,767/96/46/3. Running 7" csg. Circ and cond  
mud 6½ hrs. Laid down 5" DP and DC's.  
Mud: (gradient .587) 11.3 x 40 x 13.0 (14#/bbl LCM)  
1/22: 11,767/96/47/0. Nippling up. Ran 202 jts 7"  
26# LT&C and 41 jts 7" 29# ST&C w/shoe @ 11,767' and  
diff fill collar @ 11,669. Six centralizers every 80'  
from shoe. Cmt'd w/250 cu ft B-J lightwt w/250 cu ft  
left in truck when slurry became too thick to pump,  
followed by 200 cu ft Class "G" w/1% D-31 (slurry 15.8  
ppg). Lost 25± bbls mud while displacing. Bumped  
plug w/2000 psi. CIP @ 5:40 PM, 1/21. Calc top of  
cmt @ 10,600'. JAN 22 1973

Shell-Tenneco-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

11,767/96/48/0. Picking up 4-3/4" DC's. Nippled up  
and tested BOP's and chk manifold to 5000 psi and  
Hydril to 3000 psi. JAN 23 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

11,767/96/49/0. Drilling cmt. Went in hole w/DC's  
and DP, tagging cmt @ 11,648. Drld firm cmt and FC.  
Tested csg to 3500 psi for 15 min, OK. JAN 24 1973  
Mud: 11.4 x 42 x 11.4 (8#/bbl LCM)

Shell-Tenneco-Chevron  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

11,795/96/50/28. Drilling. Tripped in w/bit, washing  
45' of fill. Background gas: 1-2 units. JAN 25 1973  
Mud: 11.4 x 39 x 14.6 (6#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
7" csg @ 11,767'

11,895/96/51/100. Drilling. Background gas: 2 units.  
Mud: (gradient .593) 11.4 x 40 x 10.4 (16#/bbl LCM)  
JAN 26 1973

Shell-Tenneco-Chevron-  
Sabine-Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

1/13: 11,616/96/38/0. Milling on cones. Tripped for  
new bit, leaving half cone and nose cone in hole.  
Mud: (gradient .580) 11.2 x 39 x 13.6 (24#/bbl LCM)  
1/14: 11,623/96/39/7. Cleaning up. Tripped out w/  
jk mill. Ran in w/bit. Dropped blocks and drill string.  
Mud: (gradient .580) 11.2 x 39 x 13.6 (24#/bbl LCM)  
1/15: 11,623/96/40/0. Tripping in w/bit. Strung  
up blocks and circ hole 4 hrs. Chained out - drill  
string OK. JAN 15 1973  
Mud: (gradient .580) 11.2 x 39 x 13.6 (24#/bbl LCM)

Shell-Tenneco-  
Sabine-Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,623/96/41/0. Prep to trip in w/bit and drill ahead.  
Changed out blocks, swivel and drive bushings. Ran bit  
to 6900' and circ through fillup w/hole taking 0.5 to 1  
bbls mud/hr. JAN 16 1973  
Mud: 11.2 x 39 x 13.6 (24#/bbl LCM)

Shell-Tenneco-  
Sabine-Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,665/96/42/42. Drilling. Raised mud wt to 11.3 ppg.  
Tripped in and washed to btm. Lost circ and pmpd LCM  
pills. Trip gas peaked @ 2400 unit. Background gas:  
350-400 units. Lost approx 300 bbls mud past 24 hrs.  
Mud: (gradient .588) 11.3 x 40 x 13.2 (26#/bbl LCM)  
JAN 17 1973

Shell-Tenneco-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,750/96/43/85. Circ for logs. Cond mud and reamed  
1 jt down on connection - hole sloughed. Background  
gas: 50-80 units w/peak of 250 units. JAN 18 1973  
Mud: (gradient .588) 11.3 x 40 x 14 (24#/bbl LCM)

Shell-Tenneco-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,716/96/44/0. Logging. Cond mud and strapped out  
of hole, making 34' correction: 11,750 = 11,716.  
Ran logs as follows: DIL-SP and CNL-FDC-GR from  
11,710-6914, BHC-GR w/cal from 11,710-sfc. Hole took  
19 bbls mud while logging. JAN 19 1973  
Mud: (gradient .587) 11.3 x 40 x 14 (24#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

1/6: 11,369/96/31/41. Drilling. Tripped for new  
bit @ 11,369. Broke circ @ 10,000. Lost 150 bbls  
mud. Sptd LCM pill.

JAN 8 1973

Mud: (gradient .556) 10.7 x 41 x 12.0

1/7: 11,369/96/32/0. Prep to trip out to unplug bit.  
Had wtr flow @ 11,369. Circ and cond mud to kill flow.  
DP and annulus press zero. Lost 110 bbls after killing  
flow. Max cl<sup>-</sup> 2600 ppm. Min mud wt 8.7 ppg. Background  
gas 2000-3500 units while killing flow.

Mud: (gradient .567) 10.9 x 41 x 14.0 (21.5#/bbl LCM)

1/8: 11,369/96/33/0. Mixing mud. Lost complete returns  
while filling hole w/110 stds on rack. Unplugged bit.  
Ran in to 6000'+ w/no returns - could not circ.

Mud: (gradient .572) 11.0 x 39 x 14.0 (14#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,417/96/34/48. Drilling w/full circ. Staged in  
hole breaking circ @ 6000', 8000' and 10,000'.  
Washed 50' to btm. Lost 560 bbls mud. Trip gas: 100  
units. Connection gas: 500 units. Background gas:  
80 units.

JAN 9 1973

Mud: (gradient .572) 11.0 x 39 x 14.0 (25#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,460/96/35/43. Drilling w/full circ. Background  
gas: 80 units. Trip gas: 1000 units. Lost 30 bbls  
mud.

JAN 10 1973

Mud: (gradient .577) 11.1 x 41 x 14.8 (39.3#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,542/96/36/82. Drilling w/partial returns. Had  
show of 3200 units from 11,480-11,494. Lost circ  
@ 11,535, losing 820 bbls mud. Circ and sptd LCM  
pills.

JAN 11 1973

Mud: 11.2 x 42 (20#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,616/96/37/74. Drilling. Lost 100 bbls mud. Background gas: 50 units. Connection gas: 400 units.

JAN 12 1973

Mud: (gradient .580) 11.2 x 39 x 15.4 (26.3#/bbl LCM)

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

9573/96/23/540. Drilling. Tripped in w/new bit,  
washing and reaming to btm. Dev: 3° @ 9033.  
Mud: Wtr 001 20 1312

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

12/30: 10,290/96/24/717. Drilling. Mudded up @ 10,275.  
Changed bit @ 10,290.  
12/31: 10,536/96/25/243. Drilling. Tripped in w/new  
bit, circ and cond mud, and resumed drilling.  
Mud: 8.8 x 38 x 16.8  
1/1: 10,875/96/26/339. Drilling. Lost 50 bbls mud.  
Mud: 9.8+ x 40  
1/2: 11,067/96/27/192. Prep to pull bit. Circ and  
cond mud. Lost 75 bbls mud last 24 hrs.  
Mud: (gradient .520) 10.0+ x 40 x 11.6 JAN 2 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,095/96/28/28. Drilling. Tripped for new bit @  
11,068. Background gas: 300 units. Trip gas: 450 units.  
No mud loss last 24 hrs.  
Mud: (gradient .530) 10.2 x 40 x 10.4 JAN 3 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,277/96/29/182. Drilling. Lost returns @ 11,248,  
losing 35 bbls mud. Sptd walnut hull pill and regained  
circ.  
Mud: (gradient .550) 10.6 x 42 x 11.6 (4% LCM) JAN 4 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

11,328/96/30/51. Prep to trip for new bit. Lost 470  
bbls mud. Sptd LCM pills.  
Mud: 10.7 x 44 x 11.6 (14.7#/bbl LCM) JAN 5 1973

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

TD 6900. RURT. DEC 20 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

TD 6900. RURT and nipping up BOP's. DEC 21 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

TD 6900. Testing BOP stack. DEC 22 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

12/23: TD 6900. Testing eqmt.  
12/24: TD 6900. DO cmt. Tested BOPE and mud lines  
to 5000 psi. Picked up DC's and DP and press tested  
csg to 1500 psi. DO cmt from 6805-6900.  
12/25: 7500/96/19/600. Drilling. Started drilling  
new hole @ 6 AM, 12/24/72. DEC 25 1972  
Mud: Wtr  
12/26: 8006/96/20/506. Tripping for new bit.  
Mud: Wtr

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

8410/96/21/404. Drilling. Reamed from 7794-8006. Dev:  
1 1/4" @ 8000.  
Mud: (gradient .433) 8.3 x 27 DEC 27 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

9033/96/22/623. Tripping for bit.  
Mud: Wtr DEC 28 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

8/5: 6065/96/14/350. Drilling.

Mud: Wtr

8/6: 6310/96/15/245. Drilling. Dev: 3° @ 6221'.  
Tripped for new bit @ 6221. Washed 40' to btm.

Mud: Wtr

8/7: 6755/96/16/445. Drilling.

Mud: Wtr AUG 7 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

6900/96/17/145. Circ and cond mud. Dev: 1½° @  
6900'. Mudded up @ 6800'. Circ 30 min. Ran SLM -  
no correction. Circ hole and washed 20' to btm.

Pulled multishot and went in hole, washing 25' to  
btm. Circ 1 hr. AUG 8 1972

Mud: 8.5 x 40

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

6900/96/18/0. Released rig to standby @ 8:00 AM, 8/9.  
Circ 1½ hrs. Laid down DP and DC's. Ran 161 jts 9-5/8"  
csg (7 jts N-80 on btm and 154 jts 40# K-55 ST&C) to  
6900'. Had 45' of fill. Circ to btm. Mixed and pmpd  
500 cu ft 40:60 Pozmix w/6% gel followed by 300 cu ft  
Class "G" neat retarded. Displaced w/517 bbls wtr.  
Bumped plug w/1800 psi. Bled back 4 bbls. Floats OK.  
WOC. Dropped slips, cut off csg and installed AP spool.  
Nippled up and tested spool to 2000 psi. RDRT. AUG 9 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D)  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

TD 6900. RDRT. (RDUFA.) AUG 10 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D)  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

TD 6900. (RRD 8/10/72)

8/19: RU BJ. Pmpd 300 sx Light wt cmt down 9-5/8" x  
13-3/8" annulus. Press during job 300 psi w/final press  
of 100 psi. Bled back 1/2 bbl. (RDUFA.) AUG 21 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(D) Parker #117  
14,200' Wasatch Test  
9-5/8" csg @ 6900'

TD 6900. (RRD 8/21/72) RURT. DEC 19 1972

Shell-Tenneco-Chevron- 3225/96/6/575. Drilling. Dev: 1/2° @ 2975'.  
Sabine Explor-Altex Mud: Wtr JUL 28 1972  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

Shell-Tenneco-Chevron- 7/29: 3769/96/7/544. Drilling.  
Sabine Explor-Altex Mud: Wtr  
Chandler 1-5B4 7/30: 4225/96/8/456. Drilling.  
(D) Signal #8 Mud: Wtr  
14,200' Wasatch Test 7/31: 4515/96/9/290. Drilling. Dev: 1/4° @ 4417'.  
13-3/8" csg @ 318' Tripped for new bit @ 4417'. Tested Hydril to 1000 psi.  
Mud: Wtr JUL 31 1972

Shell-Tenneco-Chevron- 4854/96/10/339. Drilling. AUG 1 1972  
Sabine Explor-Altex Mud: Wtr  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

Shell-Tenneco-Chevron- 5140/96/11/286. Drilling. Lost 1500 bbls wtr.  
Sabine Explor-Altex Mud: Wtr AUG 2 1972  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

Shell-Tenneco-Chevron- 5320/96/12/180. Drilling. Dev: 0° @ 5314'. Changed  
Sabine Explor-Altex bit @ 5314 and tripped in hole, washing 100' to btm.  
Chandler 1-5B4 Mud: Wtr AUG 3 1972  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

Shell-Tenneco-Chevron- 5715/96/13/395. Drilling.  
Sabine Explor-Altex Mud: Wtr AUG 4 1972  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

## OIL WELL

ALTAMONT

SHELL-TENNECO-CHEVRON-SABINE  
EXPLOR-ALTEX-

LEASE	CHANDLER	V L NO.	1-5B4
DIVISION	ROCKY MOUNTAIN	ELEV	6429 KB
COUNTY	DUCHESNE	STATE	UTAH

FROM: 7-24-72 - 5-18-73

UTAHALTAMONT

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

7/22: "FR" Drilling mouse hole. Located 2120' FNL and  
1553' FEL, Section 5-T2S-R4W, Duchesne County, Utah.  
Elev: 6395 GL (Ungraded)  
14,200' Wasatch Test  
Shell Working Interest: 52.809% (.16% being carried)  
Drilling Contractor: Signal Drilling Co.  
This is a routine development well.  
Drilled rat hole.

7/23: 255/96/1/255. Drilling. Drld mousehole. Spudded  
17-1/2" hole @ 10 AM, 7/22/72. Tripped for bits @ 38'  
and 165'. Dev: 3/4° @ 120'.  
Mud: 8.5 x 45

7/24: 355/96/2/100. Drilling. Circ hole prior to  
running csg. Tripped out and laid down 3 jts DP. Ran  
8 jts 13-3/8" 68# K-55 ST&C csg to 318'. Circ and cmtd  
w/450 sx Class "G" w/3% CaCl<sub>2</sub>. WOC 4 hrs. Welded on  
bradenhead - had to trim base plate to level. Nippled  
up Hydril. Press tested csg to 1000 psi. Top of cmt @  
292'. JUL 24 1972  
Mud: Wtr

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

1215/96/3/860. Tripping in hole. Drld cmt and shoe.  
Dev: 3/4° @ 1215'. JUL 25 1972  
Mud: Wtr

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

2000/96/4/785. Drilling. Dev: 3/4° @ 1920'.  
Finished tripping in hole. Reamed 150'. Tripped  
for new bit @ 1920'. Washed 60'. JUL 26 1972

Shell-Tenneco-Chevron-  
Sabine Explor-Altex  
Chandler 1-5B4  
(D) Signal #8  
14,200' Wasatch Test  
13-3/8" csg @ 318'

2650/96/5/650. Drilling. Dev: 1° @ 2465'. JUL 27 1972  
Mud: Wtr

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 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 2120' FNL & 1553' FEL Section 5		8. FARM OR LEASE NAME Chandler
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6429 KB	9. WELL NO. I-5B4
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 5-T2S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

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

*See attachment*

See attachment

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

SIGNED J.W. Linnell TITLE Div. Oper. Engr. DATE 12/16/76

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>12/10:</u>	11	303	126	630	1215
<u>12/11:</u>	24	78	865	944	1215
<u>12/12:</u>	21	254	4	559	1215

DEC 13 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. An attempt was made to recomp in the M-51 Zone in June 1976. Before test'g the M51, well prod 20 BO/D. The M-51 was nonproductive. Presently well is on gas lift & prod'g 170 BO & 186 BW per day.  
FINAL REPORT

DEC 14 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. No re rt; computers down.

NOV 30 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 21-hr test 11/29, gas lifted  
92 BO, 286 BW, 358 MCF gas w/1205 psi inj press. On 24-hr  
test 11/30, gas lifted 54 BO, 91 BW, 255 MCF gas w/1255  
psi inj press.

DEC 0 1 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, gas lifted 88 BO,  
203 BW, 207 MCF gas w/1255 psi inj press.

DEC 0 2 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, gas lifted 170 BO,  
186 BW, 121 MCF gas w/1340 psi inj press.

DEC 0 3 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>12/3:</u>	24	9	317	210	1340
<u>12/4:</u>	24	233	300	230	1250
<u>12/5:</u>	24	0	349	202	1215

DEC 0 6 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, gas lifted 18 BO,  
242 BW, 167 MCF gas w/1215 psi inj press.

DEC 0 7 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, gas lifted 101 BO,  
238 BW, 191 MCF gas w/1215 psi inj press.

DEC 0 8 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, gas lifted 71 BO,  
224 BW, 167 MCF gas w/1215 psi inj press.

DEC 0 9 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, gas lifted 70 BO,  
233 BW, 196 MCF gas w/1100 psi inj press.

DEC 10 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. S.I. NOV 16 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24 hr test well prod  
436 BO, 593 BW, 399 MCF gas w/250 FTP. NOV 17 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24 hr test well flwd  
229 BO, 510 BW, 351 MCF Gas w/50 press. NOV 18 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perf, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 24-hr test, prod 165 BO, 334 BW,  
311 MCF gas w/50 psi.

NOV 19 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On various tests, prod:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>
<u>11/19:</u>	12	124	165	232	0
<u>11/20:</u>	SI				
<u>11/21:</u>	16	341	607	209	200

NOV 22 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. Pmp'd 40 bbls diesel to kill well.  
Tbg on vac; bled press off csg. RIH w/collar stop to 237'  
& had wax problems. Pmp'd 40 bbls diesel while RIH w/WL.  
Set collar stop @ 11,520. Pulled all 9 dummy valves from  
mandrels. SD for night. Ran all 9 line valves into  
mandrels & pulled collar stop. Put well on gas lift.

NOV 23 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On 2-hr test, gas lifted 49 BO,  
128 BW, 56 MCF gas w/1333 psi inj press.

NOV 24 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>11/24:</u>	24	260	629	809	1250
<u>11/25:</u>	24	135	403	327	1205
<u>11/26:</u>	24	113	234	215	1205
<u>11/27:</u>	24	73	122	102	1205
<u>11/28:</u>	24	106	56	0	1250

NOV 28 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas lift)

TD 14,066. PB 14,020. (AFE 42 27) MI&RU Western #17.  
TP 0; CP 1300 psi. Installed BPV in tbg donut. Removed  
tree. Installed & tested BOP's. SI well overnight.

NOV 04 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas lift)

TD 14,066. PB 14,020. Circ'd well w/prod wtr thru perf  
in tbg. Circ'd out considerable oil. Unlatched from pkr  
& removed BPV. POOH w/prod equip. RIH w/DR plug for FA  
pkr, 1 jt tbg & csg scraper w/5000' 2-7/8 tbg. SI well  
overnight.

NOV 05 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. 11/5: Finished running DR plug  
& set plug @ 13,425'. POOH w/tbg. Capped plug w/6'  
cement. POOH. RIH 7" FA packer & set @ 11,568'.  
11/6: Finished RIH w/prod equip. Tested tbg to 7500#,  
ok. Landed tbg. Installed tree. NOV 08 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. Prep to perf. RD&MO Western #17  
11/6.

NOV 09 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. Prep to AT. RU OWP & ran temp log  
from 11,500-13,428; BHT 208 deg. Perf'd w/2-1/16" hollow  
carrier decentralized select fire gun as per prog interval  
13,417-11,919 (63 holes). Had no incr in sfc press. Run  
#1 perf'd 13,417-13,041 (31 holes). Run #2 perf'd 13,034-  
11,919 (32 holes).

NOV 10 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. Prep to backflow. RU Hal & AT perfs  
11,677-13,417 w/440 bbls 7-1/2% HCl acid, 147 ball sealers,  
& 900# Benzoic Acid Flakes. Flushed w/100 bbls prod wtr &  
75 bbls diesel. Total load 615 bbls. Max TP 10,000 psi,  
5 mins 4600, 10 mins 3500, 15 mins 3700, 2 hrs 1200.  
Balled out 4 times @ 10,000, 9700, 9600 & 9600. Bled back  
to 5000# twice in order to continue trtmt. RU OWP & ran  
temp log & GR log from 11,500-13,428. Both logs indicated  
most perfs took trtmt.

NOV 11 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. Flw'g to bty thru 26/64" chk  
w/625# FTP. Well flwd 6 hrs & SI; 116 BO, 54 BW thru  
30/64" chk w/300# FTP. Turned well over to prod.

NOV 12 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate perfs, Perf,  
Reperf, Stim & Gas Lift)

TD 14,066. PB 14,020. On various tests well prod:

Rept Date	Hrs	RO	BW	MCF Gas	FTP
11/12	24	250	88	1861	300
11/13	24	262	401	290	200
11/14	S.I.				

NOV 15 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI.

AUG 24 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI.

AUG 25 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI.

AUG 26 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI.

AUG 27 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. 8/28 SI. 8/29 On 24-hr test, prod  
195 BO, 480 BW, 202 MCF gas w/150 psi. 8/30 SI.

AUG 30 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. (Report discontinued until further  
activity)

AUG 31 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 13,977. (RRD 8/31/76) (AFE #524117) RU  
HOT & pmp'd 40 bbls diesel down tbg. RU wax cutters &  
ran 2-1/2" knife down tbg to cut wax. RU Otis w/2.33  
gauge ring to locate SN @ 13,479. Ran an Otis DW plug &  
set on tbg @ 13,439. RD Otis & left 1850# on tbg & 1300#  
on csg. 10/29 RU OWP to tag Otis DW plug @ 13,369. OWP  
meas shot 3 1-1/4" circ jets @ 13,344-13,347. TP before  
shooting 1500# & CP 1300#; after shooting TP 250# & 1300#  
CP. RU HOT & pmp'd 40 bbls diesel down tbg. SITP 250# &  
csg incr'd to 1550#. Prep to run BHPS.

NOV 01 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 13,977. SI.

NOV 02 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 13,977. SI.

NOV 03 1976

Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. SI for BHPS.	AUG 10 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. SI for BHPS.	AUG 11 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. SI.	AUG 12 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. SI.	AUG 13 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. On various tests, prod: <table border="0"> <thead> <tr> <th><u>Rept Date</u></th> <th><u>Hrs</u></th> <th><u>BO</u></th> <th><u>BW</u></th> <th><u>MCF Gas</u></th> </tr> </thead> <tbody> <tr> <td><u>8/14:</u></td> <td>SI</td> <td></td> <td></td> <td></td> </tr> <tr> <td><u>8/15:</u></td> <td>6</td> <td>35</td> <td>6</td> <td>36</td> </tr> <tr> <td><u>8/16:</u></td> <td>6</td> <td>2</td> <td>5</td> <td>22</td> </tr> </tbody> </table>	<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>8/14:</u>	SI				<u>8/15:</u>	6	35	6	36	<u>8/16:</u>	6	2	5	22	AUG 16 1976				
<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>																						
<u>8/14:</u>	SI																									
<u>8/15:</u>	6	35	6	36																						
<u>8/16:</u>	6	2	5	22																						
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. On 12-hr test, prod 4 BO, 45 BW, 22 MCF gas w/2700 psi.	AUG 17 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. On 24-hr test, prod 1 BO, 141 BW, 46 MCF gas w/1250 psi.	AUG 18 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. On 24-hr test, prod 15 BO, 44 BW, 30 MCF gas w/1250 psi.	AUG 19 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. On 24-hr test, prod 0 BO, 8 BW, 29 MCF gas w/1500 psi.	AUG 20 1976																								
Shell-Tenneco-Chevron- Sabine Explor-Altex- Chandler 1-5B4 (Perf & AT)	TD 14,066. PB 14,020. On various tests, prod: <table border="0"> <thead> <tr> <th><u>Rept Date</u></th> <th><u>Hrs</u></th> <th><u>BO</u></th> <th><u>BW</u></th> <th><u>MCF Gas</u></th> <th><u>Press</u></th> </tr> </thead> <tbody> <tr> <td><u>8/21:</u></td> <td>24</td> <td>0</td> <td>3</td> <td>30</td> <td>-</td> </tr> <tr> <td><u>8/22:</u></td> <td>24</td> <td>0</td> <td>0</td> <td>30</td> <td>1250</td> </tr> <tr> <td><u>8/23:</u></td> <td>24</td> <td>0</td> <td>0</td> <td>15</td> <td>1000</td> </tr> </tbody> </table>	<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>	<u>8/21:</u>	24	0	3	30	-	<u>8/22:</u>	24	0	0	30	1250	<u>8/23:</u>	24	0	0	15	1000	AUG 23 1976
<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Press</u>																					
<u>8/21:</u>	24	0	3	30	-																					
<u>8/22:</u>	24	0	0	30	1250																					
<u>8/23:</u>	24	0	0	15	1000																					

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. SI. JUL 29 1976

Shell-Tenneco-Chevron  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. SI. JUL 30 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. MI&RU OWP to perf. Could not get thru paraffin. RU HOT & pmp'd 6 bbls diesel down tbg. Tbg press'd to 4000 psi; could not pmp. RD&MO HOT. SI well. AUG 02 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD TD 14,066. PB 14,020. Pmp'd 34 bbls diesel down tbg @ 1.5 B/M w/max press of 5700 psi. Could not get below 4000' w/2" perf'g gun. Cut wax to 8500'. RIH to 4000' w/perf'g gun & worked gun 1 hr to get to 4300'. POOH. SI overnight. AUG 03 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. RIH w/brush type wax cutter & worked thru tbg 2-1/2 hrs. RIH w/2" perf gun to 2000'; could not get any deeper. BJ backed well down w/75 bbls diesel. SI overnight. AUG 04 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. MI&RU OWP. Perf'd w/2" thru-tbg hollow-carrier magnetically decentralized gun as follows: Run #1 13,644-55 (12 holes), 13,628-38 (11 holes), 13,610-20 (11 holes) - press 4500 psi before & after. Run #2 13,709-26 (18 holes), 13,579-94 (16 holes) - press 4500 psi before & after. Run #3 13,668-86 (19 holes) - Press 4500 psi before & after. 13,558-69 misfired. Run #4 13,734-54 (21 holes), 13,558-69 (12 holes) - press 4500 psi before & after. AUG 05 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. MI&RU Halco & AT w/1200 bbls 7-1/2% HCl in 10 stages of 120 bbls foll'd by 100 BW w/40 ball sealers & TLC80 in last 25 bbls. Maintained 3000-3250 psi on annulus. Pmp rate varied from 8.5 to 0.1 B/M. Used Benzoic acid flakes & Button Unibeads in annulus to reduce flow rate in perms above pkr. Max press 9600 psi, min 8200, avg 8800. Max rate 15 B/M, min 8.5, avg 12.5. ISIP 6200 psi, 5 mins 6140, 10 mins 6080 & 15 mins 6050. RD&MO Halco. OWP ran temp & RA logs. SI overnight. AUG 06 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT) TD 14,066. PB 14,020. SITP 4600 psi. Flw to pit 5 mins on 20/64 chk. Opened to pit 20 mins w/4000# FTP. Opened on 36/64 chk w/3000# FTP. After 7 hrs FTP 75 psi on 64 chk. Backed down w/50 BW & 40 bbls diesel. 8/7 Ran 72-hr BHP test. AUG 09 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. Prep to AT. Pulled std'g valve & latched into FA pkr. Landed tbg & removed BOP's. Installed 10,000 psi frac tree. Pmp'd into csg 150 bbls to fill, then pmp'd 4.2 B/M @ 1100 psi. Tbg tested ok; no communication tbg to csg. KO plug & checked for communication, ok. RD Western.

JUL 16 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SITP 4000 psi. Opened well to pit & press drop'd to 150 psi in 5 mins. Flwd back approx 100 bbls prod wtr & 75 bbls acid wtr (flw surging). Rec'd 8 ball sealers. Well died. Backed well down w/100 bbls prod wtr @ 5200 psi. SI well.

JUL 19 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SITP 2150 psi. Opened well to pit & press went to 0. Flwd approx 25 BW. SI well. Press built to 1700 psi in 1/2 hr. Opened well & flwd approx 25 BW & died. MI&RU BJ & backed well down w/100 bbls prod wtr @ 5700 psi. SI well.

JUL 20 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI.

JUL 21 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI.

JUL 22 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI. JUL 23 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI. JUL 25 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI. JUL 27 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. SI. JUL 28 1976

## PERF &amp; ACID TREAT

ALTAMONT

SHELL-TENNECO-CHEVRON-SABINE EXPLOR-LEASE	CHANDLER	WELL NO.	1-5B4
ALTEX	DIVISION WESTERN	ELEV	6429 KB
FROM: 7/8 - 12/14/76	COUNTY DUCHESNE	STATE	UTAH

UTAHALTAMONT

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Isolate add'l perfs)

"FR" TD 14,066. PB 14,020. AFE provides funds to isolate add'l perfs. 7/6 MI&RU Western #17. Tbg plug'd w/paraffin. Cleared tbg w/prod wtr. Installed & tested BOP's. Unlatched from pkr. SI overnight. 7/7 Pulled tbg & installed 5-1/2 BPV. Installed & tested 10" BOP's. Pulled & LD 5-1/2 csg heat string. SI overnight.

7/8/76

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. No report.

JUL 09 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. 7/9 POOH w/pkr picker & remains of Model D pkr. RIH w/4-1/8 mill & PU 80 sgl jts. Hit fill @ 13,985. Pulled up to 1st collar. RU power swivel and circ'd in reverse & est full returns. Ran in to top of fill & plug'd mill. SI overnight. 7/10 Swab'd well down 2000'. Alternately swab'd tbg down & pulled tbg. Mill & btm jt plug'd w/pkr rubber. RIH 60' w/Bkr Model R dbl-grip pkr. Tested tbg-csg annulus to 3500 psi, ok. No drop in 5 mins. POOH & LD pkr. RIH w/4-1/8 mill & 25 stds tbg. SI well.

JUL 12 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. Fin'd RIH w/mill. Spt'd 10 bbls wt'd 10% acetic acid. POOH. Prep to perf. SI overnight.

JUL 13 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. Perf'd w/OWP 1 hole/ft using 3-3/8 csg carrier gun w/120 deg phasing. Run #1 - 13,944-975 (31 holes). Run #2 - 13,864-892 (29 holes). Run #3 - misfired. Run #4 - 13,935-944 (10 holes) & 13,916-929 (14 holes) & 13,902-909 (8 holes). Run #5 - 13,849-860 (12 holes) & 13,795-804 (10 holes). Run #6 - 13,813-820 (8 holes) & 13,824-844 (21 holes). Run #7 - 13,760-788 (29 holes). FL @ start 3320' & 3270' @ finish. Ran temp log from 11,600-13,977. Set Bkr 32FA-30 pkr w/Model B plug in place @ 13,435. RD OWP. SI overnight.

JUL 14 1976

Shell-Tenneco-Chevron-  
Sabine Explor-Altex-  
Chandler 1-5B4  
(Perf & AT)

TD 14,066. PB 14,020. Ran tbg w/Bkr pkr, seal assy & latching device. Ran 9 Camco mandrels & spaced out. Press tested to 7500; lost 2000 psi in 30 mins. Released tbg from pkr. Pmp'd down std'g valve & press'd to 7500 psi. Lost 300 psi in 30 mins. Repress'd to 7500 psi, ok. SI overnight.

JUL 15 1976



# LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2209  
 SAMPLE TAKEN 4-3-75  
 SAMPLE RECEIVED 4-29-75  
 RESULTS REPORTED 5-2-75

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. \_\_\_\_\_  
 COMPANY Shell Oil Company LEASE Chandler WELL NO. 1-584  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_ Sec 5-2 S-4W  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION Wagatch TOP \_\_\_\_\_  
 REMARKS \_\_\_\_\_

SAMPLE TAKEN BY Ron Navanick

## CHEMICAL AND PHYSICAL PROPERTIES

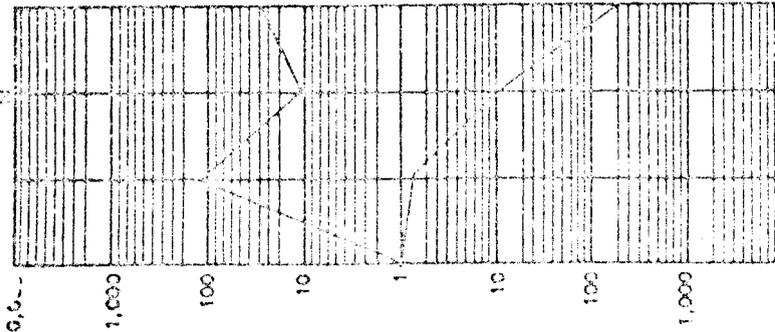
SPECIFIC GRAVITY @60/60° F. 1.0069 pH 7.77 RES. 1.00 OHM METERS @ 77° F

TOTAL HARDNESS 530.75 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 628.0 mg/L as CaCO<sub>3</sub>

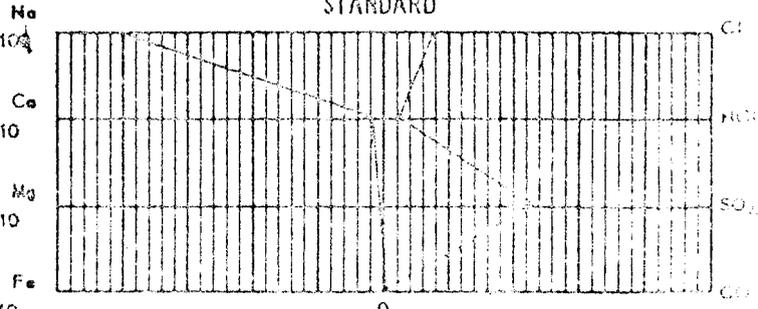
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca <sup>++</sup>	188.0	9.40		
MAGNESIUM - Mg <sup>++</sup>	14.60	1.20		
SODIUM - Na <sup>+</sup>	4600.0	200.00		
BARIUM (INCL. STRONTIUM) - Ba <sup>++</sup>	0	0		
TOTAL IRON - Fe <sup>++</sup> AND Fe <sup>+++</sup>	0.68	0.02	210.62	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	628.0	10.30		
CARBONATE - CO <sub>3</sub> <sup>-</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>-</sup>	5700.0	118.75		
CHLORIDE - CL <sup>-</sup>	1374.5	38.72	167.77	
TOTAL DISSOLVED SOLIDS	8240			

## MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO.
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		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001		8. FARM OR LEASE NAME Chandler
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2120' FNL & 1553' FEL		9. WELL NO. 1-5B4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6429' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5-T2S-R4W
		12. COUNTY OR PARISH 13. STATE Duchesne Utah

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

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

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

See attached.



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

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

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

REMEDIAL PROGNOSIS  
CHANDLER 1-5B4  
SECTION 5, T2S, R4W  
ALTAMONT FIELD, UTAH

Pertinent Data:

Elevation (KB): 6429'  
Elevation (GL): 6400'  
TD: 14,066'  
PBSD: Initially 14,020'. Now 5" FA packer with DR plug capped with cement;  
top of cement at 13,429'.  
Casing: 7", 26# and 29#, S-95 from surface to 11,767'.  
Liner: 5", 18#, S00-95 and N-80. Hanger at 11,553', shoe at 14,048'.  
Tubing: 2-7/8", EUE, N-80 to 11,568'.  
Packer: 5" Baker FA packer at 11,568'.  
Artificial Lift: Gas lift mandrels with valves at 2877', 5289', 7051', 8221',  
8975', 9619', 10,200', 10,814', 11,415'.  
Existing Perforations: Above PB at 13,429', 82 holes from 11,677' to 13,417'.  
Below PB at 13,429', 311 holes from 13,449' to  
13,990'.

Shell's Share: 52.8%  
AFE No.:  
Amount: \$123,000

Current Status:

Average production is currently 136 BOPD + 374 BWPD +  
329 MCF/D gas (gas lifting). The water cut is 73% and the GOR is  
2414. Cumulative production through April, 1979, was 605,166 BO +  
404,224 BW + 798 MMCF gas. Cumulative water cut was 40%, cumulative  
GOR was 1318.

Previous Operations:

- 4/73 - Initial Completion - Perforated 11,677' - 13,990' (38  
holes) with 2" through-tubing hollow carrier guns. Acid  
treated with 20,000 gallons of 15% HCl with ball sealers  
and Unibeads. Maximum treating pressure was 8600 psi.  
Average treating pressure and rate were 7500 psi and 7 BPM.  
ISIP was 5200 psi and increased to 5500 psi in 5 minutes and  
held. RA log showed that 75 - 80% of perms treated.
- Initial flowing rate 488 BOPD + 0 BWPD + 561 MCF/D gas on  
an 8/64" choke with 3400 psi FTP.
- 7/76 - Cumulative oil production 389,888 BO. Cleaned out 5" liner.  
Perforated 13,760' - 13,944' (172 holes, M51) with 3-3/8"  
hollow carrier guns. Set 5" Baker Model FA packer at 13,435'.  
Acid treated 13,449' - 13,990' (191 holes, 172 new & 19 old)  
with 25,200 gallons of 15% HCl with ball sealers and Unibeads.

No pressures or rates reported. RA log showed 90% treatment. Opened well to pit, flowed 225 BW and died.

8/76 - Perforated 13,558' - 13,726' (120 holes, M42-43) with 2" through-tubing guns. Acid treated 13,449' - 13,990' (311 holes total) with 50,400 gallons of 7-1/2% HCl with ball sealers and benzoic acid flakes. Maximum treating pressure was 9600 psi. Average pressure and rate were 8800 psi and 12.5 BPM. ISIP was 6200 psi declining to 6050 psi in 15 minutes. RA log showed 100% treatment.

Well flowed 28 BOPD + 47 BWPD + 202 MCF/D gas with 25 - 100 psi FTP.

11/76 - Set DR plug in FA packer and capped with cement, cement top at 13,429'. Perforated 11,919' - 13,417' (63 holes) with 2" through-tubing guns. Acid treated 11,677' - 13,417' (82 holes total) with 18,500 gallons of 7-1/2% HCl with ball sealers and benzoic acid flakes. Maximum pressure was 10,000 psi. Balled out four times. Rates not reported. ISIP was 5000 psi, declined to 3700 psi in 15 minutes. RA log showed 95% treatment.

Well flowed 50 to 400 BOPD + 70 to 600 BWPD with FTP 50 to 300 psi. Very unstable.

Installed gas lift valves. When stabilized, production averaged 400 BOPD + 590 BWPD (gas lifting).

Proposed Operation:

Pull tubing and gas lift equipment. Clean out 7" casing to 11,553'. Mill out 5" packer at 11,568'. Clean out 5" liner from 11,553' to 13,429'. Perforate 11,116' to 13,417' (606 holes) with casing gun. Acid treat perforations 11,116' to 13,417' (688 holes total). Flow well until it dies, then run gas lift equipment. Put well on production.

Procedure:

1. MIRU completion rig. Load hole with produced water. Install BOPE.
2. Pull tubing and gas lift equipment. Clean out 7" casing to 11,553'.
3. Mill out 5" Baker Model FA packer at 11,568'.
4. Clean out 5" liner from 11,553' to 13,429'. Circulate in 60 bbls of clean produced water.

5. Perforate three holes per foot at each of the depths shown on Attachment I, 11,116' - 13,417' (606 holes) Depth reference is the OWP CBL/GR dated 4-15-73

Note: a. Perforate from bottom up. Use 3-1/8" casing gun with 14 gram charges. Shoot 3 JSPF at each depth with perforations oriented 120° to each other. (Use 4" guns with 22 gram charges for perforations in the 7" casing 11,116' - 11,551' (156 holes)).

b. Record pressure changes during and after perforating.

6. Set 7" Baker Model D packer at 11,090'. Run tubing and latch into packer. If well will flow, flow for one day to clean up before acid treating. If well will flow strongly, rig down and continue to flow.

7. Acid treat the 688 perforations (606 new, 82 old) from 11,116' - 13,417' with 50,000 gallons (1190 bbls) of 7-1/2% HCl as follows:

- a. Pump 6000 gallons of acid with 120 ball sealers (7/8" RCN with S.G. 1.2) distributed evenly in the acid.
- b. Pump 1000 gallons acid with 1000# benzoic acid flakes distributed evenly in the acid.
- c. Repeat Steps (a) and (b) five more times for a total of 42,000 gallons acid with ball sealers and benzoic acid flakes.
- d. Pump 8000 gallons acid.
- e. Flush with 130 bbl produced water.
- f. Record instantaneous shut down pressure and decline.

- Note: 1. All acid and flush to contain sufficient friction reducing agent for  $\pm$  50% friction reduction.
2. All acid to contain 1# 20-40 mesh RA sand per 1000 gallons acid and sufficient inhibitor for 4 hours exposure at 210°F. Service company to run fluid compatibility tests to determine if demulsifier is required.
3. Heat all fluids to 100°F.
4. Hold 3500 psi on annulus during treatment.
5. Pumping rates - pump at maximum possible required to reach 9000 psi WHP. (Do not exceed 9000 psi.)

REMEDIAL PROGNOSIS  
CHANDLER 1-5B4

4

6. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
8. Run GR log from 13,429' to 11,000'.
9. Open well to flow at maximum rate. If well will not flow, proceed to Step 10.
10. Produce well until it ceases to flow. Then pull tubing. Run tubing with gas lift mandrels and valves as shown on Attachment II.
11. Put well on production.

*DL* DAL:maf

---

G. L. Thompson

ATTACHMENT I  
CHANDLER 1-5B4

Proposed Perforation Depths: Depth Reference OWP CBL/GR dated 4-15-73.

11116	11422	11721	12081	12609	13034
11119	11431	11729	12109	12630	13041
11124	11434	11735	12123	12643	13061
11134	11436	11750	12143	12668	13063
11158	11456	11755	12165	12705	13071
11175	11457	11767	12170	12711	13073
11179	11465	11773	12183	12712	13085
11190	11467	11789	12206	12719	13089
11192	11469	11795	12215	12745	13110
11200	11481	11809	12233	12749	13120
11207	11492	11823	12271	12751	13135
11213	11501	11831	12273	12759	13146
11216	11508	11843	12275	12760	13157
11228	11513	11872	12280	12763	13172
11242	11523	11891	12299	12791	13174
11245	11525	11903	12312	12793	13176
11250	11533	11917	12325	12855	13209
11263	11551	11926	12340	12865	13230
11270	11565	11939	12370	12868	13234
11298	11587	11943	12381	12878	13247
11302	11598	11944	12393	12882	13262
11311	11603	11949	12395	12893	13292
11323	11611	11962	12407	12895	13311
11330	11620	11976	12413	12900	13324
11341	11625	11981	12420	12928	13332
11347	11639	11994	12430	12944	13348
11350	11647	12013	12445	12962	13351
11352	11668	12015	12447	12979	13355
11355	11670	12021	12458	12982	13367
11366	11672	12026	12500	13015	13369
11375	11688	12034	12506	13020	13395
11394	11694	12047	12537	13029	13400
11396	11701	12057	12562	13030	13417
11417	11706	12068	12574		

Total 606 holes (202 perforation depths at 3 JSPF)

*141 x 3 = 423*

WELL 1-5B4  
RIG 19

10/25/79

AFE NO. #579557 AUTH. AMT. \$120,000  
DAILY COST \$4650 EST. CUM. COST

10-25-79 - STATUS - FINISH PULLING TBG. RIH WITH MILL AND PACKER PLUCKER.

10-24-79 - FR OM THIS LOCATION, AFE #579557 !PROVIDES FUNDS TO CLEAN OUT AND RECOMPLETE WASATCH.

TD 14,066' PSTD 13,429.

MOVE FROM 1-8A1E TO LOCATION AND RIG UP.

BLED CSG. TO TREATER, PUMPED 100 BBLs.

PRODUCED WATER DOWN TBG. REMOVE WELLHEAD AND

INSTALL BOPS. RELEASED FROM PACKER, PUMPED

100 BBLs. WATER DOWN CSG. POOH WITH TBG.

LAYING DOWN GAS LIFT MANDRELS. S.D.O.N.

1-5B4 10/26/79

RIG 19

AFE# 579557 AUTH. AMI. \$120,000  
DA LY C. \$4150 CUM. C. \$8800

FRI 10-26-79 STATUS POOH WITH TBG. AND PKR.  
R.I.H. WITH 6 1/8 IN. O.D. MILL.

THURS. 10-25-79 F NISH PULLING TBG. PICK UP  
PKR. PLUCKER AND MILL R.I.H. AND MILL OUT PKR.  
POOH TO 3000 FT.. S.D.O.N.

1-5B4

RIG 19

AFE# 579557 10/27-29/79 AUTH. AMI. \$120,000  
DA LY C. \$4150 CUM. C. \$8800

FRI 10-26-79 STATUS POOH WITH TBG. AND PKR.  
R.I.H. WITH 6 1/8 IN. O.D. MILL.

THURS. 10-25-79 F NISH PULLING TBG. PICK UP  
PKR. PLUCKER AND MILL R.I.H. AND MILL OUT PKR.  
POOH TO 3000 FT.. S.D.O.N.

1-5B4

RIG 19

AFE# 579557 AU. AMT. \$120,000  
DAILY C. \$4450 10/30/79 CUM C \$13,250

SAT, 10-27-79 STATUS CLEAN OUT 5IN. LINER.

FRI, 10-26-79 POOH WITH TBG. MILL, PACKER  
PLUCKER & PACKER. PICK UP 6 1/8IN. O.D. MILL & RIH TO  
11,553FT. HOLE CLEAN TO 11,553FT. POOH.

LAY DOWN MILL, PICK 4 1/8IN. O.D. MILL

1 JT. WASH PIPE & RIH TO 11,000FT +OR -. SDON

WELL 1-5B4

RIG 19

10/30/79

AFF NO. #579557  
DAILY COST \$2950

AUTH. AMT. \$120,000  
CUM. COST \$16,200 EST.

10-29-79 - PERFORATE

10-28-79 - SHUT DOWN.

10-27-79 - RIH TO 11,621' AND TAG. MILLED \* THIS  
POINT FOR 1 HR. BEFORE FALLING THROUGH. RIH  
TO 13,429'. HOLE CLEAN FROM 11,621' TO 13,429'.  
PUMPED 700 BBLs. WATER, ATTEMPTING TO ESTABLISH  
CIRCULATION. UNABLE TO GET HOLE TO CIRCULATED.  
POOH TO 3000 + S.D.R.O.

WELL 1-5B4

RIG 19

AFF NO. #579557  
DAILY COST \$3950

10/31/79

AUTH. AMT. \$120,000  
CUM. COST \$20,150 EST.

10-30-79 - PERFORATING.

10-29-79 - FINISH PULLING TBG. RIG UP OWP AND MADE 7  
PERFORATING RUNS PER PROGNOS S. PERFORATED FROM  
BOTTOMS UP.  
PERFORATED FROM 13,417 TO 11,962'. NO PRESS. AFTER SHUTTING  
DOWN FOR NIGHT. S.D.O.N.

WELL 1-5B4

RIG 19

AFF NO. #579557  
DAILY COST \$34,515

10/31/79

AUTH. AMT. \$120,000  
CUM. COST \$54,665 EST.

10-31-79 - PREPARE TO ACIDIZE.

10-30-79 - OWP MADE 7 PERFORATING RUNS PER PROGNOSIS.  
PERFORATE FROM BOTTOMS UP! 11,949', TO 11,116'.  
MADE A TOTAL OF 14 PERFORATING RUNS IN 2 DAYS -  
606 HOLES - 202 SELECTIONS. NO PRESSURE ON  
WELLHEAD AFTER COMPLETING PERFORATING, FLUID  
LEVEL @ 4000'. RIG DOWN OWP, PICK UP 7 IN.  
FULLBORE PACKER AND RIH TO 8000' + 0.  
S.D.O.N.

WELL 1-5B4

RIG 19

AFF NO. #579557  
DAILY COST \$2550

11/1/79

AUTH. AMT. \$120,000  
CUM. COST \$57,215 EST.

11-1-79 - ACIDIZING.

10-31-79 - RIH AND SET 7 IN. FULLBORE PAIKER @ 11,019'.  
PRESSURE TESTED CSG. TO 3000 PSI AND TBG. TO 6500 PSI.  
BOTH O.K. REMOVE ROPS AND INSTALL 10,000 PSI WELLHEAD.  
UNABLE ACIDIZE UNTIL THUISDAY A.M. BECAUSE OF  
EQUIPMENT FAILURE. S.D.O.N.

WELL 1-584  
RIG 19

AFE NO. #579557 - 11/2/79  
DAILY COST \$2450

AUTH. AMT. \$120,000  
CUM. COST \$59,665

11-2-79 - PULLING TBG.

11-1-79 - RIG UP WESTERN CO., PRESSURE TEST LINES AND WELLHEAD TO 9500 PSI. ATTEMPT TO ACIDIZE WELL PER PROGNOSIS. HAD TO SHUTDOWN 4 TIMES THROUGH JOB BECAUSE OF EQUIPMENT FAILURE - LEAKING LINES AND ETC. TOTAL TIME - 2 HOURS AND 30 MINUTES, TOTAL ACID PUMPED, 1076 BARRELS. FLUSH WATER - 130 BARRELS. TOTAL FLUIDS - 1206. ISP - MAX. PSI - 8800 AVER. PSI - 8000. MIN. PSI - 6500. MAX. RATE - 19. AVER. RATE - 15. MIN. RATE - 8. PUMPED 820 BALLS, 10,000# BAF. RIG UP OWP AND RUN GR LOG, TREATMENT INDICATION OF 70% IN 7 IN. AND ONLY 30% IIN 5 IN. LINER.  
.S.D.O.N.

WELL 1-584  
RIG 19

AFE #579557  
DAILY COST \$3,950

11/3-5/79

AUTH. AMT. \$120,000  
CUM. COST \$63,615 EST

11-3-79 STATUS ACIDIZE 5 IN. LINER & RUN GR LOG.

11-2-79 WELLHEAD PSI 100. OPEN WELL TO PIT. WELL DIED AFTER 5 MIN. RELEASE 7 IN. FULLBORE PACKER & POOH WITH 1 TBG. & PACKER PICK UP 5 IN. FULLBORE RHP TO 11,658' & SET PACKER. PUMP STANDING VALVE DOWN HOLE & PRESSURE TEST TBG. TO 6000 PSI TBG OK. RIG UP WIRELINE & PULL STANDING VALVE. REMOVE BOPS & INSTALL 10,000 PSI WELLHEAD. S.D.O.N.

WELL 1-584

RIG 19

AFE # 579557  
DAILY COST \$58,163

11/3-5/79

AUTH AMT. \$120,000  
CUM. COST \$121,778

11-5-79 STATUS PULL TBG. & RUN GAS LIFT EQUIPMENT

11-4-79 SHUTDOWN

11-3-79 RIG UP B.J. HUGHES & ACIDIZE 5 IN. LINER PER PROGNOSIS. MAX. CSG. PSI 670 MAX. PSI 7000 AVE. PSI 6500 MIN. PSI 4300 MAX RATE 17.5 AVE RATE 14.0 MIN RATE 11.5 TOTAL ACID 404 BBLs. FLUSH 100 BBLs. TOTAL FLUID 504 BBLs ISP 0. RIG UP O.W.P. & RUN GR LOG. LOG INDICATES GOOD TREATMENT FROM 12,700 TO 13,200 IVERY LITTLE TREATMENT FROM PKIR @ 11,658 TO 12,700. LITTLE TREATMENT BELOW 13,200 S.D.R.O.

WELL 1-554  
RIG 19

AFE NO. #579557      11/6/79      AUTH. AMT. \$120,000  
DAILY COST \$2450      COM. COST \$124,223 EST.

11-6-79 - MOVING TO 1-2954.

11-5-79 - PUMP WITH TBG. LAMP 5 IN. FULLBORE PACKER. RUN  
BAKER 7 IN. FULLBORE PACKER, GAS LIFT MANDRELS AND  
VALVES PER PROGNOSIS. LAMP TBG., REMOVE SOPS, INSTALL  
WELLHEAD, HOOK UP FLOWLINE AND TURN WELL OVER TO  
PRODUCTION. RIG DOWN AND PREPARE TO MOVE. S.D.O.V.

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NO. <u>PATENTED</u>
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME <u>CA-NW-580</u>
8. FARM OR LEASE NAME <u>CHANDLER</u>
9. WELL NO. <u>1-5B4</u>
10. FIELD AND POOL, OR WILDCAT <u>ALTAMONT</u>
11. SEC., T., R., M., OR BLK. AND SURVEY OR ARRA <u>S4Y4 NE14 T2S R4W</u>
12. COUNTY OR PARISH <u>DUCHESNE</u>
18. STATE <u>UTAH</u>

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR <u>Shell Oil Company</u>
3. ADDRESS OF OPERATOR <u>P.O. Box 831 Houston, TX 77001 ATTN: P.G. GELLING RM # 6459 WCK</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2120' FNL + 1553' FEL SEC .5</u>
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>6429' KB</u>

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) _____	(Other) _____

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

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

SEE ATTACHED

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
6/30/82  
[Signature]

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

SIGNED [Signature] TITLE DIVISION PROD. ENGINEER DATE 6-16-82  
W. F. N. KELLDORE

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

REMEDIAL PROGNOSIS  
CHANDLER 1-5B4  
Section 5, T2S, R4W  
DUCHESNE COUNTY, UTAH  
ALTAMONT FIELD

Pertinent Data:

Shell's Share: 52.80993%

Elevation (KB): 6395'

Elevation (GL): 6364'

TD: 14,020'

PBTD: 13,429' (5" Model "FA" packer with DR plug capped with 6' of cement)

Casing: 7", (26#, CF-95 and 29# S-95) at 11,766'.

Liner: 5" 18#, 500-95 and N-80 11,553/14,048'

Tubing: 2-7/8", N-80 EUE, to 11,072'

Perforations: 11,116' - 13,417' (688 holes)  
13,449 - 13,990' (311 holes) under PBTD

Objective: Mill out cement and 5" Baker "FA" packer at 13,435'. CO and acid treat gross perforations.

Procedure:

1. MIRU. Load hole with clean produced water (containing 5 gal/100 bbl Tretolite Xcide 102 Biocide). Remove tree. Install and test BOPE as per attachment #1.
2. Pull tubing and run back and mill out Model "D" packer at 11,072'.
3. RIH with 4-1/8" concave or flat bottom mill and mill out 6' of cement at 13,429' and 5" Baker "FA" packer at 13,435' and push to bottom. POOH.
4. Make 5" scraper run to bottom (14,020'±).
5. RIH with 2-7/8" tubing plus 7" fullbore packer and set at 11,075'±.
6. Acid treat perforations (11,116'-13,990', 999 holes) with 25,000 gallons 15% HCl as follows:
  - A. Pump 1000 gallons of acid to establish injection rate.
  - B. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 5.G.) every 80 gallons.
  - C. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
  - D. Repeat step (B) four more times and step (C) three more times for a total of five stages acid and four of diverting material (total 25,000 gallons acid and 250 ball sealers).
  - E. Flush with 100 bbls of clean produced water containing five gallons Tretolite Xcide 102 Biocide.

- NOTES:
1. All acid and flush to contain five lb. J-120/1000 gal HCl or equivalent for  $\pm$  60% friction reduction and 1.0# 20-40 mesh RA sand per 1000 gallons (no RA sand in flush).
  2. All acid to contain sufficient corrosion inhibitor for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
  3. Maintain 2500 psi surface casing pressure during treatment if possible.
  4. Pumping rates: Pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
  5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
  6. Record ISIP and shut-in pressure decline for at least 20 minutes.
  7. Run RA log from PBTD to 11,000'±.
  8. RIH with packer, gas lift mandrels and valves. Set packer at 11,075'±. Return well to production.

*4-8-82*  
 Recommended: *[Signature]* *4/8/82*

Approved: *[Signature]*  
*IAO W.O. LAMBACH*  
 DATE: *4/8/82*

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

SUBMIT IN TRIPLICATE\*  
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**SUNDRY NOTICES AND REPORTS ON WELLS**

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14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	

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

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

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SEE ATTACHED

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

SIGNED *W. F. K. BellDore* TITLE DIVISION PROD. ENGINEER DATE 7-23-82  
W. F. K. BELLDORE

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 386  
ISSUED 07/12/82

\*06\* PIECES OF BRASS WHICH POSSIBLE CAME FROM BAKER  
\*07\* DR PLUG. RIM W/NEW 4 1/8 INCH SHOE AND SHORT JT.  
\*08\* AND MIRACLE TOOL. TAG UP AT 13430 FT PLUS OR MINUS.  
\*09\* R.U. POWER SWIVEL. MILL FOR 2 HRS. AND MADE HOLE.  
\*10\* S.D.O.N.  
\*11\* 6-16-82 STATUS: FINISH MILLING UP PKR.

LABEL: -----  
DAILY COST: 3950  
CUM COST: 24000  
DATE: 6-16 AND 6-17 AND 6-18-82  
ACTIVITY: 6-16-82 DAILY COST 4650 CUM. COST 20050.  
\*02\* 6-16-82 ACTIVITY: BLEED OFF 300 LBS FROM WELL.  
\*03\* FINISHED MILLING UP PKR. AT 13435 FT. PICKED UP  
\*04\* 18 JTS. OF TBG. OFF PIPE RACKS. PUSHED PKR. TO  
\*05\* 13920 FT. R.U. POWER SWIVEL. MILLED ON  
\*06\* PKR. FOR 5 HRS. TOTAL DEPTH 13975 PLUS OR MINUS.  
\*07\* S.O.O.M. W/4 1/8 INCH SHOE AND SHORT JT. AND MIRACLE  
\*08\* TOOL. LAID DOWN 98 JTS. TBG. ON PIPE RACKS. S.D.O.N.  
\*09\* 6-17-82 COSTS GIVEN IN HEADING.  
\*10\* 6-17-82 STATUS: RIM V/PKR. GET READY TO ACIDIZE.  
\*11\* 6-17-82 ACTIVITY: FINISH COMING OUT OF HOLE W/  
\*12\* 4 1/8 INCH SHOE AND SHORT JT. AND MIRACLE TOOL.  
\*13\* RETRIEVED DR PLUG FROM PKR. IN SHOE. RIM W/7 INCH  
\*14\* MOUNTAIN STATES PKR. SET PKR. AT 11970 FT. W/20000  
\*15\* LBS. TENSION. REMOVE BOP AND PUT ON  
\*16\* 10000 LBS. TREE. PSI TEST BACKSIDE TO 2500 LBS.  
\*17\* HELD O.K. GET READY TO ACIDIZE . S.D.O.N.  
\*18\* 6-18-82 STATUS: ACIDIZE.

LABEL: -----  
DAILY COST: 3100  
CUM COST: 77690  
DATE: 6-18 THRU 6-21-82  
ACTIVITY: 6-18-82 DAILY COST 50598 CUM. COST 74598.  
\*02\* 6-18-82 ACTIVITY: R.U. NOWSCO.  
\*03\* ACIDIZE ACCORDING TO PROG. MAX RATE 22 BBL/MIN MAX  
\*04\* PSI 9000 LBS. AVE RATE 16.5 BBL/MIN AVE PSI 7800  
\*05\* MIN RATE 13 BBL/MIN MIN PSI 4500 LBS. ISIP 0  
\*06\* 5 10 15 20 MIN ALL 0. 15% ACID 691 BBL. FLUSH  
\*07\* 110 BBL. TOTAL 801 BBL. CSG 2500 LBS. BAF 6000  
\*08\* LBS. BALLS 250. R.D. NOWSCO. R.U. OWP. RUN RA

ALIAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 386  
ISSUED 07/12/82

\*09\* LOG FROM 11000 FT. TO 12759 FT. COULD NOT GET  
 \*10\* DEEPER THAN 12759 FT. LOG SHOWS POOR  
 \*11\* TREATMENT 20%. THE UPPER PERFS. TOOK ALL THE ACID.  
 \*12\* R.D. OWP. S.D.O.N. 6-19-82 COSTS GIVEN IN  
 \*13\* HEADING. STATUS: R/H W/PRUD. EQUIP. ACTIVITY:  
 \*14\* REMOVE 10000 LBS. TREE AND PUT ON BOP. RELEASE PKK  
 \*15\* AND POOR. R/H W/7 INCH BAKER LOK SET AND 11 GAS  
 \*16\* LIFT MANDRELS. SET PKK. AT 11702 FT. W/20000 LBS.  
 \*17\* TENSION. REMOVE BOP AND PUT ON WELLHEAD. HOOK  
 \*18\* UP FLOWLINE AND GAS LIFT LINE. R.D. S.D.O.N.  
 \*19\* THIS WILL BE THE FINAL RIG REPORT. THERE WILL BE  
 \*20\* TEST DATA PUT IN. 6-20-82 SUNDAY. 6-21-82 MOVE  
 \*21\* TO 1-3404.

LABEL: FINAL REPORT  
 CUM COST: 77698  
 DATE: 6-21 THRU 6-27-82  
 ACTIVITY: THE RIG MOVED OFF THIS LOCATION ON 6-19-82. THE  
 \*02\* FOLLOWING TEST DATA IS FOR 24 HRS. UNLESS STATED  
 \*03\* OTHERWISE. CHOKE SIZES ENTERED ONLY WHEN THERE IS  
 \*04\* A CHANGE.  
 \*05\* 6-21-82 38 OIL 321 WTR 619 MCF 513 INJ. 100 TBG  
 \*06\* PSI. 55/64 TBG CHOKE. 8 INJ. CHOKE. 6-22-82 FOR  
 \*07\* 19 HRS. 29 OIL 221 WTR 371 MCF 360 INJ. 1300 TBG  
 \*08\* PSI. 6-23-82 24 OIL 245 WTR 593 MCF 443 INJ.  
 \*09\* 350 TBG PSI 35/64 TBG CHOKE. 6-24-82 30 OIL  
 \*10\* 338 WTR 593 MCF 542 INJ. 300 TBG PSI 6-25-82  
 \*11\* 38 OIL 442 WTR 660 MCF 620 INJ. 300 TBG PSI 45/64  
 \*12\* TBG CHOKE 10 INJ. CHOKE. 6-26-82 16 OIL 426 WTR  
 \*13\* 651 MCF 579 INJ. 400 TBG PSI 6-27-82 38 OIL  
 \*14\* 425 WTR 593 MCF 554 INJ. 100 TBG PSI

ALTAMONT OPERATIONS  
DAILY COMPLETIONS AND REMEDIALS REPORT  
WELL HISTORY FOR WELL 386  
ISSUED 07/12/82

WELL: CHANDLER 1-5 B4  
 LABEL: FIRST REPORT  
 AFE: 570087  
 FOREMAN: KENT RUST.  
 RIG: KOW 22  
 OBJECTIVE: C.O. AND STIM.  
 AUTH. AMNT: 66000  
 DAILY COST: 6200  
 CUM COST: 6200  
 DATE: 6-11 AND 6-12 AND 6-14 AND 6-15-82  
 ACTIVITY:  
 \*02\* 6-11-82 COSTS GIVEN IN HEADING. ACTIVITY: AFE  
 \*03\* 570087 PROVIDES FUNDS IN THE AMOUNT OF 66000 TO CLEAN  
 \*04\* OUT AND STIM. THE WELL. MIRU SPOT EQUIP. S.D.O.N.  
 \*05\* 6-12-82 ACTIVITY: PUMP 100 BBL. WTR DOWN TBG.  
 \*06\* REMOVE WELLHEAD AND PUT ON BOP. RELEASE PKR. PUMP  
 \*07\* 1300 BBL. PROD. WTR. TO TRY AND CATCH CIRCULATION.  
 \*08\* COULD NOT GET CIR. PUGH W/7 INCH BAKER FULLBORE  
 \*09\* PKR. AND GAS LIFT MANDRELS AND TBG. S.D.O.N.  
 \*10\* 6-13-82 SUNDAY. 6-14-82 DAILY COST 4150 CUM. COST  
 \*11\* 10350. STATUS: MILL UP CEMENT AND 5 INCH FA PKR.  
 \*12\* 6-14-82 ACTIVITY: RIM W/4 1/8 INCH SHOE SHORT JT.  
 \*13\* AND MIRACLE TOOL. PICKED UP 76 JTS. 2 7/8 INCH  
 \*14\* OFF PIPE RACKS. TAGGED SCALE AT 12141 FT. PICKED  
 \*15\* UP POWER SWIVEL. MILLED 30 FT. AND FELL THRU. TAGGED  
 \*16\* UP AGAIN AT 13403 FT. MILLED DOWN TO 13416 FT. AND  
 \*17\* HIT A GAS POCKET. PULL UP TO LINER TOP AT 11553 FT.  
 \*18\* S.D.O.N. NOTE: TBG. TALLY SHOWED THAT WE WERE  
 \*19\* MILLING AT 13416 FT. HOWEVER IT IS POSSIBLE THAT  
 \*20\* WE ARE ON PKR. TOP AND RECEIVED GAS KICK WHEN STARTED  
 \*21\* MILLING UP PKR.  
 6-15-82 STATUS: MILL UP PKR.

LABEL: ----  
 DAILY COST: 5050  
 CUM COST: 15400  
 DATE: 6-15 AND 6-16-82  
 ACTIVITY:  
 \*02\* 6-15-82 ACTIVITY: WELL HAD 600 LBS. PSI. BLED  
 \*03\* PSI OFF WELL. PUGH W/4 1/8 INCH SHOE AND SHORT JT.  
 \*04\* AND MIRACLE TOOL. FOUND 4 1/8 INCH SHOE AND SHORT JT.  
 \*05\* FULL OF CMT. AND BALL SEALERS. RETRIEVED  
 STANDING VALVE IN SHOE. ALSO FOUND

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 CA-NW-580
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Tx. 77001		8. FARM OR LEASE NAME Chandler
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2120' FNL & 1553' FEL Sec. 5		9. WELL NO. 1-5B4
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Altamont
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6429'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5 T2S R4W SW/4 NE/4
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

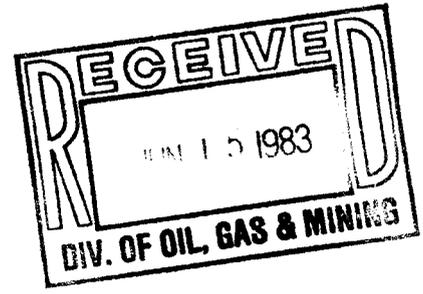
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input 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 27 BOPD, 302 BWPD, and 94 MCFGPD from the Wasatch (11,116'-13,990').

Proposed Work: Clean out and acid treat above perforations with 30,000 gallons 7-1/2% HCL.



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

SIGNED Burt T. Ellison TITLE Div. Prod. Engr. DATE June 10, 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.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> Patented
<b>2. NAME OF OPERATOR</b> Shell Oil Company ATTN: C. A. Miller 6586 WCK.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>3. ADDRESS OF OPERATOR</b> P. O. Box 831 Houston, Tx. 77001		<b>7. UNIT AGREEMENT NAME</b> CA-NW-580
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface 2120' FNL & 1553' FEL Sec. 5		<b>8. FARM OR LEASE NAME</b> Chandler
<b>14. PERMIT NO.</b>		<b>9. WELL NO.</b> 1-5B4
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> KB 6429'		<b>10. FIELD AND POOL, OR WILDCAT</b> Altamont
		<b>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA</b> Sec. 5 T2S R4W SW/4 NE/4
		<b>12. COUNTY OR PARISH</b> <b>13. STATE</b> Duchesne Utah

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

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

(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  
(7/25-8/3/83)

Cleaned out and acid treated Wasatch (11,116'-13,990') with 30,000 gallons 7-1/2% HCL. Returned well to production.

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

SIGNED *C. A. Miller* TITLE Div. Oper. Engr. DATE 8/4/83

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE: UTAH  
FIELD: ALTAMONT

WELL: CHANDLER 1-5B4

LABEL: -----  
WO NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 86000  
DAILY COST: 3962  
CUM. COST: 70790  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-2-83  
PRESENT STATUS: RUN PROD EQUIP  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL BLEED OFF WELL CONT RIH TRY TO SET PKR  
\*02\* COULDNT AT APPX 5400 FT STACKED OUT IN CSG  
\*03\* WO BAKER HAND COULDNT GET TO SET OR GO IN HOLE  
\*04\* POOH LOST 25 STDS TBG WO OVERSHOT MADE UP 5 3/4  
\*05\* OS W/ 3 21/32 GRAPEL RIH LATCH ON FISH PULL OFF FISH  
\*06\* POOH MADE UP 3 3/32 GRAPEL RIH COULDNT GET HOLD  
\*07\* OF FISH POOH MADE UP NEW 3 21/32 GRAPEL AND  
\*08\* BURPER SUB RIH AND LATCH ON FISH ROTATE AND  
\*09\* RELEASE PKR POOH TO TOP OF FISH SOON BREAK DOWN  
\*10\* OVERSHOT AND FISHING? TOOLS 8-9 TRAVEL

STATE: UTAH  
FIELD: ALTAMONT

WELL: CHANDLER 1-5B4

LABEL: FINAL REPORT  
WO NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 86000  
DAILY COST: 4424  
CUM. COST: 75214  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-3-83  
PRESENT STATUS: MOVE FROM LOCATION  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED OFF WELL FINISH  
\*02\* POOH W/ LOK-SET PKR CHG OUT PKR MADE UP 7 IN FULLBORE  
\*03\* BAKER PKR RIH INSTALLING CAMOOS AS PER PROG SET  
\*04\* PKR AT 11090 FT W/ 20000 LBS TENSION ON TBG CHG  
\*05\* OUT STK INSTALL 5000 LB TREE RIG DOWN AND PREPARE  
\*06\* TO MOVE 5-6 PM TRAVEL HOME  
\*07\* 7 DAYS TEST WILL FOLLOW

-----

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: CHANDLER 1-5B4  
  
LABEL: -----  
WO NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 86000  
DAILY COST: 2836 48771  
CUM. COST: 14126 63879  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 7-29 AND 7-30-83  
PRESENT STATUS: ACIDIZE  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED OFF WELL CONT RIH  
WITH 7 IN HD PKR SET AT 11075 FT PRESS UP ON CSG  
TO 1500 LBS HELD REMOVE 6 IN BOPS INSTALL AND  
TEST 10000 LB FRAC TREE PREPARE FOR ACID  
CWIFN 5-6 PM TRAVEL HOME  
\*02\* 7-30-83 6-7 AM TRAVEL TO LOCATION RIG UP NOWSCO  
\*03\* ACIDIZE AS PER PROG RIG DOWN NOWSCO CHECK FOR FLOWBACK  
\*04\* INSTALL AND TEST 6 IN BOPS RELEASE 7 IN HD PKR  
\*05\* POOH WITH TBG WITH 2000 FT LEFT IN HOLE  
\*06\* SDON 5-6 PM TRAVEL HOME  
\*07\*  
\*08\*  
\*09\*  
\*10\*  
-----

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: CHANDLER 1-5B4  
  
LABEL: -----  
WO NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 86000  
DAILY COST: 2939  
CUM. COST: 66828  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 8-1-83  
PRESENT STATUS: RIH W/ PROD EQUIP  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED OFF WELL CONT  
\*02\* POOH LAY DOWN 7 IN HD PKR MADE UP 7 IN BAKER  
\*03\* LOK-SET PKR AND RIH INSTALLING CAMCO AS PER PROG  
\*04\* PKR WOULDNT SET POOH CHG OUT PKR  
\*05\* RIH 1000 FT SDON 6-7 PM TRAVEL HOME  
-----

STATE: UTAH  
FIELD: ALTAMONT

WELL: CHANDLER 1-5B4

LABEL: -----  
WD NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 86000  
DAILY COST: 1813  
CUM. COST: 7254  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 7-27-83  
PRESENT STATUS: CO 5 IN LINER  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED OFF WELL CONT  
\*02\* RIH WITH 6 1/8 IN MILL CLEAN OUT 7 IN TO LINER TOP  
\*03\* PUMP DOWN WELL POOH LAY DOWN 6 1/8 IN MILL MADE UP  
\*04\* 4 1/8 IN 4-STAR MILL RIH TO 5000 FT CWIFN

STATE: UTAH  
FIELD: ALTAMONT

WELL: CHANDLER 1-5B4

LABEL: -----  
WD NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WOW 17  
AUTH. AMNT: 86000  
DAILY COST: 4038  
CUM. COST: 11292  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 7-28-83  
PRESENT STATUS: PRESS TEST AND GET READY TO PUMP ACID  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED OFF PRESSURE CONT  
\*02\* RIH WITH 4 1/8 IN MILL TO CO LINER TO 13960 FT  
\*03\* TAGGED SOMETHING HARD POOH LAY DOWN WORK STRING  
\*04\* AND 4 1/8 IN MILL MADE UP 7 IN ID PKR WITH PLUS 45  
\*05\* SN ABOVE AND RIH 1000 FT CWIFN 5-6 PM TRAVEL HOME

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: CHANDLER 1-5B4  
  
LABEL: FIRST REPORT  
WO NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 86000  
DAILY COST: 1738  
CUM. COST: 1738  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 7-25-83  
PRESENT STATUS: RIG UP  
ACTIVITY: 12 NOON MOVE TO LOCATION UNLOAD AND SET UP EQUIP  
\*02\* PREPARE TO START WORK ON WELL SDEN 5-6 TRAVEL HOME  
-----

STATE: UTAH  
FIELD: ALTAMONT  
  
WELL: CHANDLER 1-5B4

LABEL: -----  
WO NO.: 589877  
FOREMAN: G.R. COURTRIGHT  
RIG: WDW 17  
AUTH. AMNT: 86000  
DAILY COST: 3703  
CUM. COST: 5441  
TYPE OF JOB: R/R  
OBJECTIVE: CO AND STIMULATE WASATCH

DATE(S): 7-26-83  
PRESENT STATUS: CO 7 IN LINER TOP AND LINER  
LATEST TEST: JUNE AVE OIL 32 WTR 371  
ACTIVITY: 6-7 AM TRAVEL TO LOCATION BLEED WELL AND CSG DOWN  
\*02\* LOAD HOLE WITH PROD WTR CHANGE OUT STACK INSTALL  
\*03\* AND TEST 6 IN BOPS RELEASED 7 IN LOCK-SET PKR  
\*04\* COULDN'T GO IN HOLE TO LINER TOP PUGH LAY DOWN  
\*05\* GAS LIFT MANDRELS AND PKR MADE UP & 1/8 IN BLADED  
\*06\* MILL AND RIH 2000 FT CWIFN 5-6 PM TRAVEL HOME  
-----

MONTHLY OIL AND GAS PRODUCTION REPORT

*Duchesne*

Operator name and address:

UTEX OIL CO. % SHELL WESTERN E&P INC.		Utah Account No. <b>N1040</b> NO840
PO BOX 576 HOUSTON TX 77001 ATTN: P.T. KENT, OIL ACCT.		Report Period (Month/Year) <u>8 / 84</u> Amended Report <input type="checkbox"/>

*Operator name change*

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number	Entity	Location	Oil (BBL)		
<del>POTTER 1-14B5</del>	<del>WSTC</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
<del>4301330127 01565 02S 05W 14</del>	<del>WSTC</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
<del>LUTRIDGE GATES FEE 1-3B9</del>	<del>GR-WS</del>	<del>21</del>	<del>696</del>	<del>0</del>	<del>2417</del>
<del>4301330117 01670 02S 03W 3</del>	<del>GR-WS</del>	<del>21</del>	<del>696</del>	<del>0</del>	<del>2417</del>
<del>SHELL TEN 1-03B5</del>	<del>WSTC</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
<del>4301330121 01675 02S 05W 9</del>	<del>WSTC</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
<del>BROTHERSON 1-33A4</del>	<del>GR-WS</del>	<del>31</del>	<del>1256</del>	<del>1866</del>	<del>3322</del>
<del>4301330272 01680 01S 04W 33</del>	<del>GR-WS</del>	<del>31</del>	<del>1256</del>	<del>1866</del>	<del>3322</del>
<del>CHANDLER 1-05B4</del>	<del>WSTC</del>	<del>12</del>	<del>231</del>	<del>491</del>	<del>2813</del>
<del>4301330140 01685 02S 04W 5</del>	<del>WSTC</del>	<del>12</del>	<del>231</del>	<del>491</del>	<del>2813</del>
<del>ERRICK 1-11B5</del>	<del>WSTC</del>	<del>23</del>	<del>129</del>	<del>946</del>	<del>1709</del>
<del>4301330157 01690 02S 05W 11</del>	<del>WSTC</del>	<del>23</del>	<del>129</del>	<del>946</del>	<del>1709</del>
<del>WELSMORTH 1-17B4</del>	<del>WSTC</del>	<del>28</del>	<del>4743</del>	<del>4853</del>	<del>5110</del>
<del>4301330126 01695 02S 04W 17</del>	<del>WSTC</del>	<del>28</del>	<del>4743</del>	<del>4853</del>	<del>5110</del>
<del>UTE UNIT 1-01B4</del>	<del>WSTC</del>	<del>22</del>	<del>759</del>	<del>738</del>	<del>6891</del>
<del>4301330129 01700 02S 04W 1</del>	<del>WSTC</del>	<del>22</del>	<del>759</del>	<del>738</del>	<del>6891</del>
<del>REEDER 1-17B5</del>	<del>WSTC</del>	<del>31</del>	<del>1093</del>	<del>149</del>	<del>7835</del>
<del>4301330218 01710 02S 05W 17</del>	<del>WSTC</del>	<del>31</del>	<del>1093</del>	<del>149</del>	<del>7835</del>
<del>UTE UNIT 1-22B5</del>	<del>WSTC</del>	<del>20</del>	<del>273</del>	<del>1171</del>	<del>1883</del>
<del>4301330134 01715 02S 05W 22</del>	<del>WSTC</del>	<del>20</del>	<del>273</del>	<del>1171</del>	<del>1883</del>
<del>RUBB 1-29B5</del>	<del>WSTC</del>	<del>31</del>	<del>1179</del>	<del>3430</del>	<del>5074</del>
<del>4301330135 01720 02S 05W 29</del>	<del>WSTC</del>	<del>31</del>	<del>1179</del>	<del>3430</del>	<del>5074</del>
<del>REXINGTON 1-34A3</del>	<del>WSTC</del>	<del>31</del>	<del>1638</del>	<del>2297</del>	<del>6963</del>
<del>4301330139 01725 01S 03W 34</del>	<del>WSTC</del>	<del>31</del>	<del>1638</del>	<del>2297</del>	<del>6963</del>
<del>POTTER 1-24B5</del>	<del>WSTC</del>	<del>11</del>	<del>66</del>	<del>511</del>	<del>430</del>
<del>4301330356 01730 02S 05W 24</del>	<del>WSTC</del>	<del>11</del>	<del>66</del>	<del>511</del>	<del>430</del>
OCT - 2 TOTAL			12063	16452	44447

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 9-28-84

Authorized signature

Telephone

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

BMIT IN TRIPLICATE  
(Other instructions on reverse side)

010977

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
ANR Limited Inc.

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

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

14. PERMIT NO.  
43-013-30140

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

RECEIVED  
DEC 31 1986

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Chandler

9. WELL NO.  
1-584

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 5 2s 4w

12. COUNTY OR PARISH  
Muskogee

13. STATE

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

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.)

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

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

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

SIGNED

*Don K. Nelson*

TITLE

*Dist. Land Mgr*

DATE

*12/24/86*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

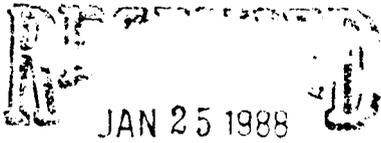
GMJ:beb

Enclosures



**ANR Production Company**  
a subsidiary of The Coastal Corporation

012712



DIVISION OF  
OIL, GAS & MINING

January 19, 1988

Natural Resources  
Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

*Roger W. Sparks*  
Roger W. Sparks  
Manager, Crude Revenue Accounting

*The computer shows the ANR Limited wells listed under account no. NO235.  
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*



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. NO235

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)
FARNSWORTH #2-12B5 4301331115 01646 02S 05W 12	WSTC				
UTE TRIBAL 1-20B5 4301330376 01650 02S 05W 20	WSTC				
ELLSWORTH 1-08B4 4301330112 01655 02S 04W 8	WSTC				
ELLSWORTH 1-09B4 4301330118 01660 02S 04W 9	WSTC				
POTTER 1-14B5 4301330127 01665 02S 05W 14	WSTC				
LOTRIDGE GATES FEE 1-3B3 4301330117 01670 02S 03W 3	GR-WS				
SHELL TEW 1-09B5 4301330121 01675 02S 05W 9	WSTC				
BROTHERSON 1-33A4 4301330212 01680 01S 04W 33	WSTC				
CHANDLER 1-05B4 4301330140 01685 02S 04W 5	WSTC				
EHRICH 1-11B5 4301330157 01690 02S 05W 11	WSTC				
EHRICH #3-11B5 4301331080 01691 02S 05W 11	WSTC				
ELLSWORTH 1-17B4 4301330126 01695 02S 04W 17	WSTC				
ELLSWORTH #2-17B4 4301331089 01696 02S 04W 17	WSTC				
<b>TOTAL</b>					

Comments (attach separate sheet if necessary) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.    Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIPlicate**  
(Other instructions on  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input checked="" type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR ANR Production Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2120' FNL &amp; 1553' FEL</p> <p>14. PERMIT NO. 43-013-30140</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe</p> <p>7. UNIT AGREEMENT NAME CA-NW-580</p> <p>8. FARM OR LEASE NAME Chandler</p> <p>9. WELL NO. 1-5B4</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA Section 5, T2S-R4W</p> <p>12. COUNTY OR PARISH    13. STATE Duchesne                  Utah</p>
--	--	---

RECEIVED  
JAN 19 1989

36. 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"/>
FRACURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACURE 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)

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

Proposed Procedure:

1. MIRU. ND wellhead. NU BOPE. POOH w/tbg, pkr & gas lift eqpt.
2. CO 7" csg to top of liner (11,553').
3. CO 5" 18# liner to 13,960'.
4. TIH w/CIBP for 5" 18# csg. Set BP @ 12,920'. RIH w/RTTS pkr. Pressure test plug. Reset pkr @ + 12,809'. TIH w/cmt retainer & set @ +12,809'.
5. Cmt squeeze perfs 12,813-12,908' w/100 sx cmt. DO retainer & pressure test squeeze. Repeat if necessary. Drill out CIBP.
6. TIH w/CIBP for 5" 18# csg. Set BP @ + 11,415'. RIH w/RTTS pkr. Pressure test plug. Reset pkr @ + 11,289'. TIH w/cmt retainer & set @ + 11,289'.
7. Cmt squeeze perfs 11,298-11,396' w/100 sx cmt. DO retainer & pressure test squeeze. Repeat if necessary. DO CIBP.
8. RIH w/5" RBP w/ball catcher & RTTS pkr. Place RBP on bottom of hole. Set RTTS pkr @ + 12,920'. Acidize perfs from 12,928-13,960' w/13,000 gals 15% HCL + additives. Swab back load.
9. Retrieve RBP & set @ + 12,809'. Set pkr @ + 11,575'. Acidize perfs from 11,587-12,795' w/9800 gals 15% HCL + additives. Swab back load.
10. Kill well. Retrieve BP & POOH. RIH w/tbg & gas lift eqpt. Return well to production.

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE January 17, 1989

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

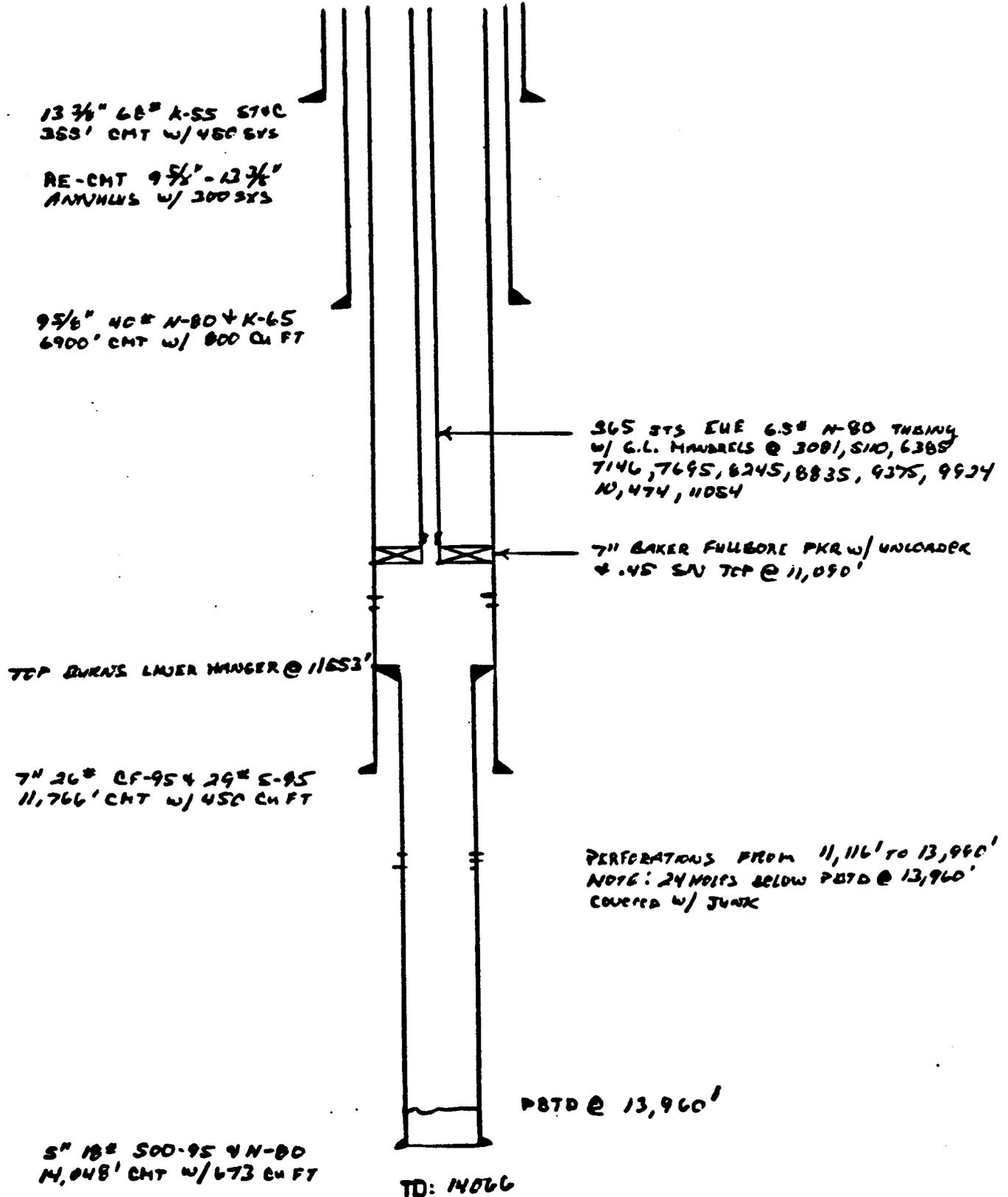
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

1-26-89  
*John R. Boy*

PRESENT WELLBORE SCHEMATIC  
CHANDLER #1-634

SC. Prutch



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80202		7. UNIT AGREEMENT NAME CA-NW-580
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.) At surface 2120' FNL & 1553' FEL		8. FARM OR LEASE NAME Chandler
14. PERMIT NO. 43-013-30140		9. WELL NO. 1-5B4
15. ELEVATIONS (Show whether DV, RT, OR, etc.) 6400' GL		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 5, T2S-R4W
		12. COUNTY OR PARISH 13. STATE Duchesne Utah

RECEIVED  
JUN 05 1989

DIVISION OF  
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

April 21 through May 24, 1989:

- MIRU. ND WH. NU BOP's. POOH w/tbg, pkr & gas lift eqpt.
- CO 7" csg to 11,553'. CO 5" liner to 13,994'.
- RIH & set 5" CIBP @ 12,920'. RIH w/5" pkr & set @ 12,809'.
- Cmt sqz perms 12,813-12,908' w/100 sx cl "G" cmt. Cmt sqz perms 11,298-11,396' w/200 sx cl "G" cmt.
- CO 7" csg to 11,553'. CO 5" liner to 12,920'. Test sqz to 2100 psi. OK.
- Tag CIBP @ 12,920'. Push plug to PBTD @ 13,394' Perf from 11,678-12,794' w/ 3 SPF, 51 total holes.
- RIH w/RBP & set @ 13,990'. RIH w/pkr & set @ 12,920'. Acidize perms from 12,926-13,960' w/13,000 gals 15% HCL + add. AIR 7.4 BPM, ATP 6900 psi. Reset RBP @ 12,810' & pkr @ 11,570'. Acidize perms fr 11,537-12,795' w/9800 gals 15% HCL + add. ATP 7900 psi, AIR 9.3 BPM.
- POOH w/RBP & pkr. RIH w/7" pkr, tbg & gas lift eqpt. Set pkr @ 10,458'. Return well to production.

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

SIGNED

*Eileen Danni Dey*  
Eileen Danni Dey

TITLE

Regulatory Analyst

DATE

June 1, 1989

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. Patented
2. Name of Operator ANR Production Company	6. If Indian, Allottee or Tribe Name Ute Indian Tribe
3. Address and Telephone No. P.O. Box 749   Denver, CO 80201-0749   (303) 573-4476	7. If Unit or CA, Agreement Designation CA NW-580
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2120' FNL & 1553' FEL Section 5, T2S, R4W	8. Well Name and No. Chandler #1-5B4
	9. API Well No. 43-013-30140
	10. Field and Pool, or Exploratory Area Altamont
	11. County or Parish, State Duchesne County, Utah

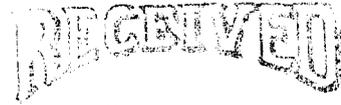
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Revised Facility Diagram</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please see the attached REVISED Facility Diagram (Site Security) for the above-referenced well.



DEC 07 1992

DIVISION OF  
OIL GAS & MINING

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

Signed *Aileen Danni Dey* Title Regulatory Analyst Date 12/3/92  
(This space for Federal or State office use)

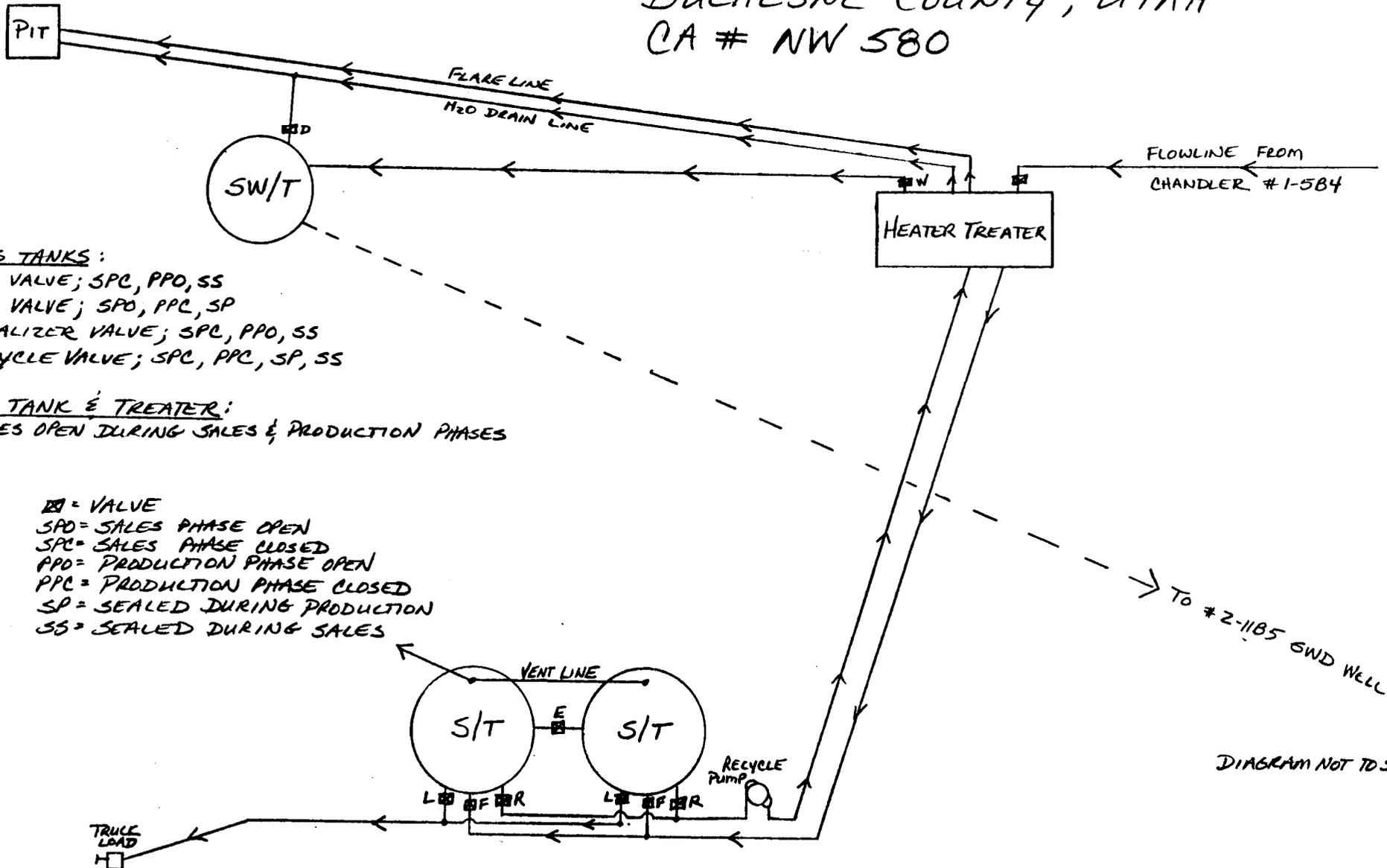
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



ANR PRODUCTION COMPANY  
FACILITY DIAGRAM/SITE SECURITY  
CHANDLER # 1-5B4  
SW/NE SECTION 5, T2S-R4W  
DUCHESNE COUNTY, UTAH  
CA # NW 580



SALES TANKS:

- F = FILL VALVE; SPC, PPO, SS
- L = LOAD VALVE; SPO, PPC, SP
- E = EQUALIZER VALVE; SPC, PPO, SS
- R = RECYCLE VALVE; SPC, PPC, SP, SS

SW TANK & TREATER:

ALL VALVES OPEN DURING SALES & PRODUCTION PHASES

▣ = VALVE

- SPO = SALES PHASE OPEN
- SPC = SALES PHASE CLOSED
- PPO = PRODUCTION PHASE OPEN
- PPC = PRODUCTION PHASE CLOSED
- SP = SEALED DURING PRODUCTION
- SS = SEALED DURING SALES

DIAGRAM NOT TO SCALE

THIS LEASE IS SUBJECT TO THE SITE SECURITY PLAN FOR DENVER DISTRICT OPERATIONS. THE PLAN IS LOCATED AT: ANR PRODUCTION COMPANY

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			
					Footages	Section, Township & Range	Field	County
Evans Ute 2-17B3	43-013-31056	Fee 5326	Ute	96104	1701' FSL & 1474' FWL	NWSW, 17-2S-3W	Altamont	Duchesne
Miles 1-35A4	43-013-30029	Fee 1965	N/A	9618	1980' FNL & 1980' FEL	SWNE, 35-1S-4W	Altamont	Duchesne
Miles 2-35A4	43-013-31087	Fee 1966	N/A	9618	802' FWL & 1530' FSL	NWSW, 35-1S-4W	Altamont	Duchesne
Brotherson 2-11B4	43-013-31078	Fee 541	N/A	9623	944' FSL & 1643' FWL	SESW, 11-2S-4W	Altamont	Duchesne
Brotherson 1-2B4	43-013-30062	Fee 570	N/A	9635	1478' FNL & 1459' FEL	SWNE, 2-2S-4W	Altamont	Duchesne
Brotherson 2-2B4	43-013-30855	Fee 8420	N/A	9635	1371' FSL & 1498' FWL	NESW, 2-2S-4W	Altamont	Duchesne
Broadhead 1-21B6	43-013-30100	Patented 1595	N/A	9639	540' FNL & 2610' FEL	NWNE, 21-2S-6W	Altamont	Duchesne
Ute Brotherson 2-34A4	43-013-30978	Fee 10070	N/A	9640	663' FWL & 1626' FSL	NWSW, 34-1S-4W	Altamont	Duchesne
Rust 2-36A4	43-013-31092	Fee 1577	N/A	9642	1516' FWL & 1955' FSL	NESW, 36-1S-4W	Altamont	Duchesne
Babcock 1-12B4	43-013-30104	Patented 1630	Ute	9643	2248' FNL & 1000' FEL	SENE, 12-2S-4W	Altamont	Duchesne
Babcock 2-12B4	43-013-31005	Fee 10215	N/A	9643	502' FWL & 503' FSL	SWSW, 12-2S-4W	Altamont	Duchesne
Ellsworth 1-9B4	43-013-30118	Patented 1600	N/A	9645	1444' FNL & 700' FEL	SENE, 9-2S-4W	Altamont	Duchesne
Ellsworth 2-9B4	43-013-31138	Fee 10460	N/A	9645	2976' FNL & 2543' FWL	NESW, 9-2S-4W	Altamont	Duchesne
Burton 2-15B5	43-013-31044	Fee 10210	N/A	9646	718' FWL & 1604' FSL	NWSW, 15-2S-5W	Altamont	Duchesne
Tew 2-10B5	43-013-31125	Fee 1756	N/A	9654	851' FWL & 729' FSL	SWSW, 10-2S-5W	Altamont	Duchesne
Goodrich 1-2B3	43-013-30182	Patented 1765	N/A	9655	2347' FSL & 1514' FEL	NWSE, 2-2S-3W	Bluebell	Duchesne
Goodrich 2-2B3	43-013-31246	Fee 11037	N/A	9655	678' FNL & 2235' FWL	NENW, 2-2S-3W	Bluebell	Duchesne
Robb 2-29B5	43-013-31130	Fee 10454	N/A	9656	2214' FWL & 1037' FSL	SESW, 29-2S-5W	Altamont	Duchesne
Ellsworth 1-16B4	43-013-30192	Patented 1735	Ute	9659	1301' FNL & 1101' FEL	NENE, 16-2S-4W	Altamont	Duchesne
Ellsworth 2-16B4	43-013-31046	Fee 10217	N/A	9659	1075' FWL & 1439' FSL	NWSW, 16-2S-4W	Altamont	Duchesne
Lake Fork 2-13B4	43-013-31134	Fee 10452	N/A	9660	963' FWL & 819' FSL	SWSW, 13-2S-4W	Altamont	Duchesne
Jessen 2-21A4	43-013-31256	Fee 11061	N/A	9661	702' FSL & 2182' FWL	SESW, 21-1S-4W	Altamont	Duchesne
Jenkins 1-1B3	43-013-30175	Patented 1790	N/A	9670	1807' FNL & 1888' FWL	SENE, 1-2S-3W	Bluebell	Duchesne
Jenkins 2-1B3	43-013-31117	Fee 1792	N/A	9670	803' FWL & 662' FSL	SWSW, 1-2S-3W	Bluebell	Duchesne
Birch 3-27B5	43-013-31126	Fee 1783	N/A	9671	979' FWL & 1151' FSL	SWSW, 27-2S-5W	Altamont	Duchesne
Lazy K 2-11B3	43-013-31352	Fee 11362	N/A	9672	503' FNL & 2017' FEL	NWNE, 11-2S-3W	Bluebell	Duchesne
Rudy 1-11B3	43-013-30204	Patented 1820	N/A	9672	2111' FSL & 2483' FEL	NWSE, 11-2S-3W	Bluebell	Duchesne
Brotherson 1-24B4	43-013-30229	Fee 1865	N/A	9674	1445' FNL & 1894' FEL	SWNE, 24-2S-4W	Altamont	Duchesne
Brotherson 3-23B4	43-013-31289	Fee 1141	N/A	<del>9674</del>	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

Forward

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. Location of Well

Footages: See Attached

County: See Attached

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

State: Utah

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

**NOTICE OF INTENT**

(Submit In Duplicate)

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

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

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

Date of work completion \_\_\_\_\_

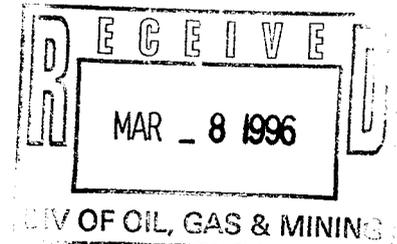
Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* 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.)

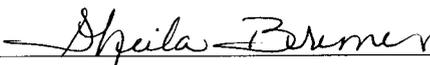
Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following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

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



13.

Name & Signature:



Sheila Bremer  
Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
UT-922

April 11, 1996

Coastal Oil & Gas Corporation  
Attn: Linda J. Turner  
P.O. Box 749  
Denver, Colorado 80201-0749

Re: Successor of Operator  
Communitization Agreement (CA)  
NW-580 & NW-581  
Duchesne County, Utah

Gentlemen:

We received an indenture dated April 9, 1996, whereby ANR Production Company resigned as Operator and Coastal Oil & Gas Corporation was designated as Operator for CA's NW-580 and NW-581, Duchesne County, Utah.

This indenture was executed by all required parties. The instrument is hereby approved effective April 11, 1996. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA's NW-580 and NW-581.

Your nationwide (Wyoming) oil and gas bond No. 2793 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

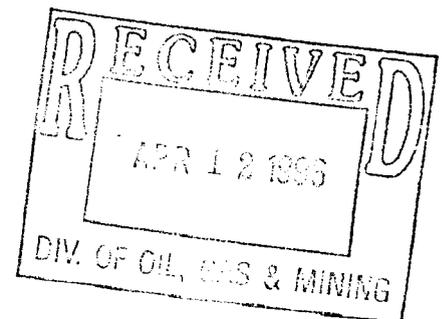
Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

### Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division Oil, Gas, & Mining  
File - NW-580 & NW-581 (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron / Fluid Chron



Communitization Agreement

<i>Well Name</i>	<i>Well Location</i>	<i>County</i>	<i>State</i>	<i>Number</i>	<i>Description</i>	<i>Acres</i>	<i>Effective Date</i>
Chandler 1-5B4	SWNE, 5-2S-4W	Duchesne	Utah	NW580	All Sec. 5-T2S-R4W	668.74	05/04/72
Chandler 2-5B4	SWSW, 5-2S-4W	Duchesne	Utah	NW580	All Sec. 5-T2S-R4W	668.74	05/04/72
Monsen 2-27A3	NESW, 27-1S-3W	Duchesne	Utah	NW581	All Sec. 27-T1S-R3W	640.00	10/01/72
Monsen 3-27A3	NENW, 27-1S-3W	Duchesne	Utah	NW581	All Sec. 27-T2S-R3W	640.00	10/01/72

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: *GH*

1-LEC-7-51
2-DTS 8-FILE
3-VLD
4-RPT
5-LEC
6-FILM

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

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

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

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

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30140</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**

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

960311 This change involves Fee lease / non C.A. wells ~~only~~ 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!

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

*SUBMIT IN TRIPLICATE - Other instructions on reverse side*

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>Fee Patented</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>Ute Indian Tribe</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435)-781-7023</b>	7. If Unit or CA/Agreement, Name and/or No <b>CA NW-580</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec. 5, T2S, R4W 2120' FNL &amp; 1553' FEL</b>		8. Well Name and No. <b>Chandler #1-5B4</b>
		9. API Well No. <b>43-013-30140</b>
		10. Field and Pool, or Exploratory Area <b>Altamont</b>
		11. County or Parish, State <b>Duchesne County Utah</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <u>Clean Out</u>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <u>and Acidize</u>
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to do a Work Over Procedure on the above referenced well.

Please refer to the attached Work Over Procedure.

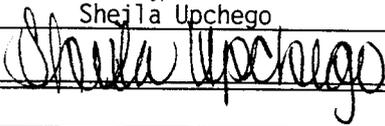
COPY SENT TO OPERATOR

Date: 10-7-99  
Initials: CHV

**APPROVED**

The Utah Division of Oil, Gas and Mining  
Robert J. Krueger, PE, Petroleum Engineer

Date: 10-6-99

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Sheila Upchego</b>	Title <b>Environmental Secretary</b>
	Date <b>9/30/99</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Work over Procedure

## Chandler 1- 5B4

Section 5 – T2S – R4W  
Altamont Field  
Duchesne County, Utah

**Elevation:** 6,400' GL 6,429' KB

**Total Depth:** 14,066' PBTD 14,020'

**Casing:** 13-3/8", 68#, K-55 @ 355'  
9-5/8", 40#, N-80 @ 6,900'  
7", 26# & 29#, CF-95 & S-95 @ 11,766'  
5", 18#, SOO-95 liner @ 14,048' – top of liner @ 11,553'

**Tubing:** 2-7/8", 6.5#, N-80 @ 9,221', TAC @ 8,892' & SN @ 9,112'

**Perforations:** 11,116' – 13,960' (1,050 holes)  
Perfs 11,292' – 11,396' & 12,813' – 12,908 squeezed w/ cement to shut off water production,

### Tubular Data:

<u>Description</u>	<u>ID</u> (inches)	<u>Drift</u> (inches)	<u>Capacity</u> (bbls / ft)	<u>Burst</u> (psi)	<u>Collapse</u> (psi)
13-3/8", 68#, K-55	12.415	12.259	0.1497	3,450	1,950
9-5/8", 40#, N-80	8.835	8.679	0.07580	5,750	3,090
7", 26#, CF-95	6.276	6.151	0.03830	8,600	5,870
7", 29#, S-95	6.184	6.059	0.03710	9,690	7,820
5", 18#, SOO-95	4.276	4.151	0.01780	12,040	12,040
3-1/2", 9.3#, P-110	2.992	2.867	0.00870	13,870	14,010
2-7/8", 6.5#, P-105	2.441	2.347	0.00579	14,500	14,600
2-7/8", 6.5#, N-80	2.441	2.347	0.00579	10,570	11,160

### Present Status

Shut in – Uneconomic to produce.

# Chandler 1- 5B4

Section 5 – T2S – R4W  
Altamont Field  
Duchesne County, Utah

## Procedure:

1. MI & RU work over rig. POOH w/ rods & pump. NDWH & NUBOP. Release TAC at 8,892'. POOH w/ 2-7/8" tubing.
2. MI & RU wireline unit. RIH w/ 4-1/8" gauge ring / junk basket to PBTD @ 14,020. If bridges or fill are tagged above bottom perf @ 13,960', clean out with 4-1/8" mill and stroke bailer.
3. PU & RIH w/ 5" packer, 1,400' 2-7/8", 6.5#, P-105 tbg & appx. 11,530' 3-1/2", 9.3#, P-110 tbg. Set packer at appx. 12,915'.
4. MI & RU Service Co. Load tbg – csg annulus w/ 3% KCl water. Acidize perfs 12,928 to 13,960 (433 holes) w/ 15,000 gal 15% HCl as per attached schedule. Pump down 3-1/2" tbg at maximum rate and maximum pressure of 9,000 psi.
5. Flow / swab back load. Release packer, POOH w/ work string and packer.
6. RU wire line unit, set CIBP @ 12,810'
7. RIH w/ 5" packer, 2 joints 2-7/8", 6.5#, P-105 tbg & appx. 11,530' 3-1/2", 9.3#, P-110 tbg. Set packer at appx. 11,575
8. MI & RU Service Co. Load tbg – csg annulus w/ 3% KCl water. Acidize perfs 11,587' to 12,794 (324 holes) w/ 10,500 gal 15% HCl as per attached schedule. Pump down 3-1/2" tbg at maximum rate and maximum pressure of 9,000 psi.
9. Flow / swab back load. Release packer, POOH & lay down work string and packer.
10. RIH w/ 4-1/8" mill, clean out tools and 2-7/8" tbg. Drill out CIBP @ 12,810' & push to PBTD.

# Chandler 1- 5B4

Section 5 – T2S – R4W  
Altamont Field  
Duchesne County, Utah

11. POOH & lay down mill & clean out tools.

12. RIH w/ pumping BHA as follows:

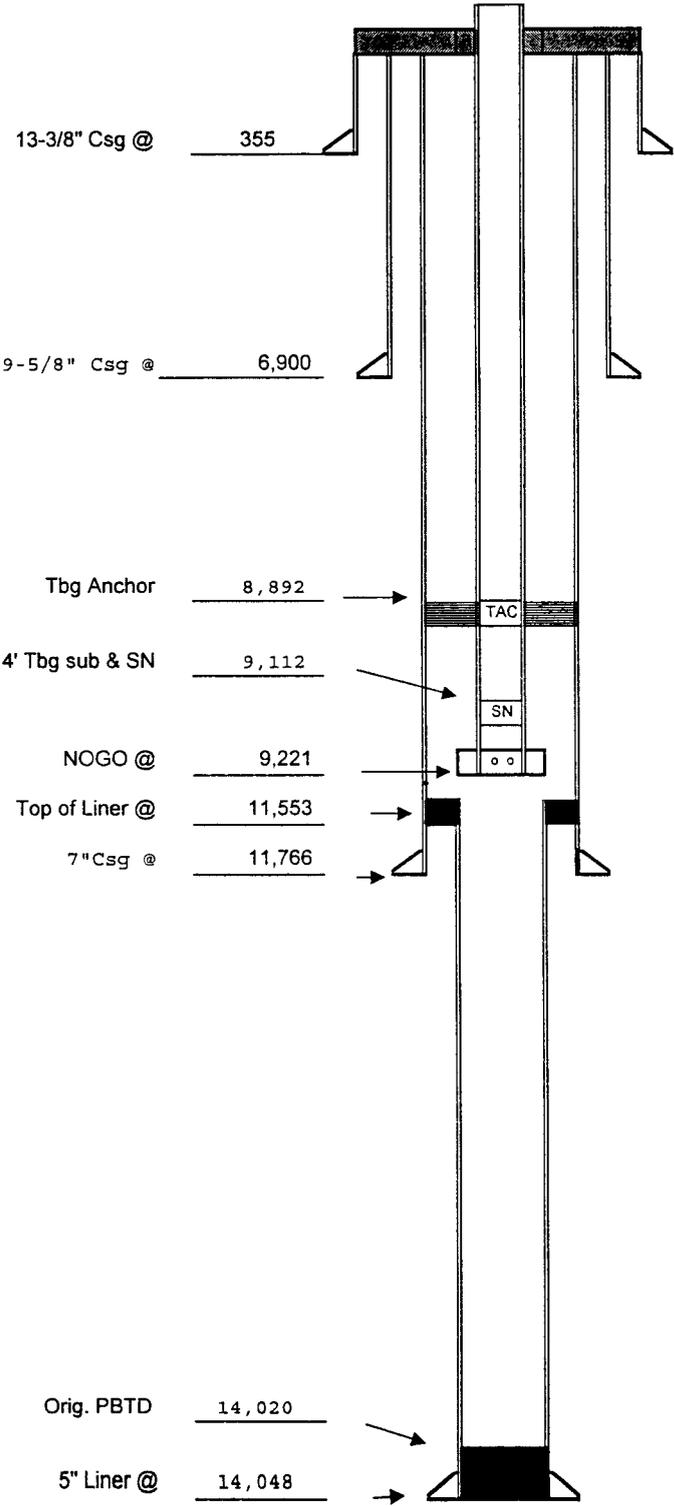
<u>Description</u>	<u>Length</u>	<u>Depth</u>
EOT	--	9,221
2-7/8" plug / NOGO	2'	9,219
4-1/2" PBGA	33'	9,186
2-7/8" tbg sub	4'	9,182
2-7/8" X 2.5", +45 SN	1'	9,181
7 jts 2-7/8" tbg	217'	8,964
7" TAC w/ carbide slips	2'	8,962

13. Land tubing w/ TAC @ appx. 8,962, & SN @ 9,181'. NDBOP, NU well head. RIH w/ 1-3/4" pump & rods. RD & MO work over rig.

14. Return well to production.

# Wellbore Diagram

**DATE:** 09/03/99      **WELL:** Chandler 1-5B4      **COUNTY:** Duchesne      **SEC:** 5  
**FOREMAN:** \_\_\_\_\_      **FIELD:** Altamont      **STATE:** Utah      **TWS:** 2S  
**KB** 29'      **RIG No.** \_\_\_\_\_      **RGE:** 4W



**CASING RECORD**

SIZE	WT	GRADE	IHD	FROM	TO
13-3/8"	68#	K-55	8rd	0	355
9-5/8"	40#	N-80	8 rd	0	6,900
7"	26# & 29#	CF & S-95	8 rd	0	11,766
5"	18#	SOO-95	FJ	####	#####

**TUBING RECORD**

SIZE	WT	GRADE	IHD	FROM	TO
2-7/8"	6.5#	N-80	8 rd	0	9,221

JTS	PSN	TAC	MUD ANCHOR
			Size _____ Length _____

**SUCKER ROD RECORD**

NO	SIZE	GRADE	CPLG

ROD ROTATOR      Yes       No

GAS ACHOR      Size \_\_\_\_\_      Length \_\_\_\_\_

ROD GUIDE PLACEMENT (DESCRIBE):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PUMP DATA:**

MANUFER	SIZE	DESCR
SPM		SL

**COMMENTS/PERFORATIONS:**

Perfs 11,116' - 13,960'

Perfs 11,292' - 11,396' & Perfs 12,813' - 12,908'  
Squeezed w/ cement

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Well Name: Chandler 1- 5B4 Stage #1 Perfs 12,928' – 13,960' (433 holes)**

<u>Fluid Description</u>	<u>Stage (#)</u>	<u>3% KCl (Gal)</u>	<u>Gelled 10 ppg Brine (Gal)</u>	<u>15% HCl Acid (Gal)</u>	<u>Ball Sealers (#)</u>
Pad	1	4,600	--	--	--
Diverter	2	--	2,000	--	--
Acid	3	--	--	5,000	250
Diverter	4	--	2,000	--	--
Acid	5	--	--	5,000	250
Diverter	6	--	2,000	--	--
Acid	7	--	--	5,000	250
Flush	14	5800	--	--	--
<b><u>Totals</u></b>	( gals.)	10,400	6,000	15,000	750
	( bbls.)	247.6	142.9	357.1	

**Gelled 10 ppg brine to contain 1 ppg rock salt.  
Ball Sealers to be 1.3 SG**

**Well Name: Chandler 1- 5B4 Stage #2 Perfs 11,587' – 12,794' (324 holes)**

<u>Fluid Description</u>	<u>Stage (#)</u>	<u>3% KCl (Gal)</u>	<u>Gelled 10 ppg Brine (Gal)</u>	<u>15% HCl Acid (Gal)</u>	<u>Ball Sealers (#)</u>
Pad	1	4,250	--	--	--
Diverter	2	--	1,600	--	--
Acid	3	--	--	3,500	175
Diverter	4	--	1,600	--	--
Acid	5	--	--	3,500	175
Diverter	6	--	1,600	--	--
Acid	7	--	--	3,500	175
Flush	14	5,600	--	--	--
<b>Totals</b>	( gals.)	9,850	4,800	10,500	525
	( bbls.)	234.5	114.3	250.0	

**Gelled 10 ppg brine to contain 1 ppg rock salt.  
Ball Sealers to be 1.3 SG**

FED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>Fee Patented</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>Ute Indian Tribe</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435) - 781 - 7023</b>	7. If Unit or CA/Agreement, Name and/or CA NW-580
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Sec.5, T2S, R4W 2120' FNL &amp; 1553' FEL</b>		8. Well Name and No. <b>Chandler #1-5B4</b>
		9. API Well No. <b>43-013-30140</b>
		10. Field and Pool, or Exploratory Area <b>Altamont</b>
		11. County or Parish, State <b>Duchesne County Utah</b>

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Revised</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Clean Out</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>and Acidize</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to do a revised Work Over Procedure on the above referenced well.

Please refer to the attached Work Over Procedure.

RECEIVED  
DEC 13 1999  
DIVISION OF OIL, GAS AND MINING

COPY SENT TO OPERATOR  
Date: 12-13-99  
Initials: CD

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Katy Dow</b>	Title <b>Environmental Jr. Analyst</b>
<i>Katy Dow</i>	Date <b>12/9/99</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title <b>The Utah Division of Oil, Gas and Mining</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>Robert J. Krueger, PE, Petroleum Engineer</b>

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Date: 12-13-99

# Work over Procedure

## Chandler 1- 5B4

Section 5 – T2S – R4W  
Altamont Field  
Duchesne County, Utah

**Elevation:** 6,400' GL 6,429' KB  
**Total Depth:** 14,066' PBTD 14,020'

**Casing:** 13-3/8", 68#, K-55 @ 355'  
9-5/8", 40#, N-80 @ 6,900'  
7", 26# & 29#, CF-95 & S-95 @ 11,766'  
5", 18#, SOO-95 liner @ 14,048' – top of liner @ 11,553'

**Tubing:** 2-7/8", 6.5#, N-80 @ 9,221', TAC @ 8,892' & SN @ 9,112'

**Perforations:** 11,116' – 13,960' (1,050 holes)  
Perfs 11,292' – 11,396' & 12,813' – 12,908 squeezed w/ cement to shut off water production  
**174 new holes (11,589'-13754') included within this procedure**

### Tubular Data:

<b>Description</b>	<b>ID (inches)</b>	<b>Drift (inches)</b>	<b>Capacity (bbls / ft)</b>	<b>Burst (psi)</b>	<b>Collapse (psi)</b>
13-3/8", 68#, K-55	12.415	12.259	0.1497	3,450	1,950
9-5/8", 40#, N-80	8.835	8.679	0.07580	5,750	3,090
7", 26#, CF-95	6.276	6.151	0.03830	8,600	5,870
7", 29#, S-95	6.184	6.059	0.03710	9,690	7,820
5", 18#, SOO-95	4.276	4.151	0.01780	12,040	12,040
3-1/2", 9.3#, P-110	2.992	2.867	0.00870	13,870	14,010
2-7/8", 6.5#, P-105	2.441	2.347	0.00579	14,500	14,600

### Present Status

Shut in – Uneconomic to produce.

# Chandler 1- 5B4

Section 5 – T2S – R4W  
Altamont Field  
Duchesne County, Utah

## Procedure:

1. MI & RU work over rig. POOH w/ rods & pump. NDWH & NUBOP. Release TAC at 8,892'. POOH w/ 2-7/8" tubing.
2. MI & RU wireline unit. RIH w/ 4-1/8" gauge ring / junk basket to 13,990'. If bridges or fill are tagged, clean out with 4-1/8" mill and stroke bailer. Perforate the attached intervals 3 spf, 120<sup>0</sup>.

### **11,589' to 13,754' (58 feet, 174 holes)**

(Depths correlate to O.W.P. Acoustic CBL-GR dated 4/15/73)

3. PU & RIH w/ 5" packer, 2-7/8", 6.5#, P-105 tbg & 3-1/2", 9.3#, P-110 tbg. Set packer at appx.  $\pm$  13,505'. Perf above @ 13,494' and below @ 13,532'. Casing Collar @ 13,516'.
4. MI & RU Service Co. Load tbg/csg annulus w/ 50 bbls KCl water. Pump 2 bbls/min down backside during job. Acidize perfs 13,532' to 13,990 (310 holes) w/ 10,000 gal 15% HCl as per attached schedule. Pump down 3-1/2" tbg at maximum pressure of 9,000 psi.
5. Release packer, PUH to 12,915'. Set Packer @  $\pm$  12,915'. Perfs above @ 12,900' and below @ 12,928'. Casing Collar @ 12,924'.
6. Load tbg/csg annulus w/ KCl water. Pump 2 bbls/min down backside during acid job. Acidize perfs 12,928' to 13,494' (271 holes) w/ 8,100 gal 15% HCl as per attached schedule. Pump down 3-1/2" tbg at maximum pressure of 9,000 psi.
7. Release packer, PUH to 12,480'. Set Packer @  $\pm$  12,480'. Perfs above @ 12,458' and below @ 12,500'.
8. Load tbg/csg annulus w/ KCl water. Pump 2 bbls/min down backside during acid job. Acidize perfs 12,500' to 12,900' (122 holes) w/ 4,000 gal 15% HCl as per attached schedule. Pump down 3-1/2" tbg at maximum pressure of 9,000 psi.

## **Chandler 1- 5B4**

**Section 5 – T2S – R4W  
Altamont Field  
Duchesne County, Utah**

9. Release packer, PUH to 11,575'. Set Packer @ 11,575'. Perfs above @ 11,565' and below @ 11,587'.
10. Load tbg/csg annulus w/ KCl water. Pump 2 bbls/min down backside during acid job. Acidize perfs 11,587' to 12,458' (308 holes) w/ 9,000 gal 15% HCl as per attached schedule. Pump down 3-1/2" tbg at maximum pressure of 9,000 psi.
11. Swab back load. Release Packer, POOH, and lay down work string and packer.
12. RIH w/ pumping BHA. Consult with well analysis and engineering on BHA design.
13. Return well to production.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

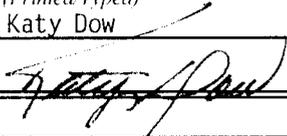
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No.
2. Name of Operator Coastal Oil & Gas Corporation		6. If Indian, Allottee or Tribe Name Ute Tribe
3a. Address P.O. Box 1148, Vernal UT 84078	3b. Phone No. (include area code) (435)781-7023	7. If Unit or CA/Agreement, Name and/or No. CA NW-580
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 5, T2S, R4W 2120' FNL & 1553' FEL		8. Well Name and No. Chandler #1-5B4
		9. API Well No. 43-013-30140
		10. Field and Pool, or Exploratory Area Altamont
		11. County or Parish, State Duchesne UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Re-complete	<input checked="" type="checkbox"/> Other <u>Completion</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Subject well placed on production on 4/19/00. Please refer to the attached Chronological Well History.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Katy Dow	Title Environmental Jr. Analyst
	Date 6/9/00

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CHANDLER #1-5B4

Page 1

ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH

- 4/8/00      **AFE #90087 – c/o perf & acid.** MIRU POOH HOT OILER PMPING DWN CSG. UNSEAT PMP @ 9112' FLUSH TBG. RESEAT PMP TEST TO 1000 PSI OK UNSEAT PMP POOH W/ RODS & PMP SWI SDFN.  
Day 1
- 4/9/00      **AFE #90087 – c/o perf & acid.** OPEN WELL N.D. WELL HEAD UNSEAT 7" A/C @ 8892' N.U. BOP POOH W/ 2 7/8" TBG. 7" A/C & B.H.A. R.U. SLICK LINE RIH W/ 3 11/16" GUAGE RING TAG FILL @ 12855' BOTTOM PERF @ 13960' POOH R.D. WIRELINE S.W.I. S.D.F.N.  
Day 2
- 4/10/00     **AFE #90087 – c/o perf & acid.** PU RIH W/ 4 1/8" BIT & C/O TOOLS, PU 2 3/8" & 2 7/8" TBG, TAG @ 12765', MILL, FELL FREE, RIH TAG @ 12866', MILL TO 12938', BIT STICKING AND TORQUING UP, RD PS, POOH TO 5" LINER TOP @ 11544', SDFN.  
Day 3
- 4/12/00     **AFE #90087 – c/o perf & acid.** RIH W/ TBG, TAG @ 12,938. RU PS, MILL TO 12948' AND FELL THRU, RIH TAG @ 13907', RU PS MILL TO 13915', GOT STICKY, POOH LD C/O TOOLS AND 2 3/8" TBG. SDFN.  
Day 4
- 4/13/00     **AFE #90087 – c/o perf & acid.** MIRU CUTTER, MADE 2 PERF RUNS, GUNS SHORTED OUT, 3RD RUN SHOT 8 ZONES & GUN STARTED TO NOT SELECT PROPERLY, POOH SHOT 4 ZONES OUT OF ZONE, 13612 SHOT @ 13611, 13556 - 13554.5, 13543 - 13539.5, 13539- 13532.5, WAIT ON NEW SELECTORS, RIH W/ PURF GUNS FINISH PERF. UNABLE TO DETECT FL, PERF W/ 3 1/8" CSG GUNS, 58 ZONES, 174 HOLES, 3 SPF, 120 DEG PHASING, RDMO WL, PU RIH W/ 5" HD PKR PU 62 JT's 2 7/8" P-110, 5 3/4" NO-GO & 3 1/2" P-110 TBG EOT @ 4300' SDFN.  
Day 5
- 4/14/00     **AFE #90087 – c/o perf & acid.** PU RIH W/ 3 1/2" TBG, 5 3/4" NO-GO. HUNG UP @ 11199', PKR @ 13220', TOP PERF @ 11116'. POOH SET PKR @ 12909', SET RELS PKR. POOH W/ 3 1/2" TBG, EOT @ 10900', SDFN.  
Day 6
- 4/14/00     **AFE #90087 - Perf & acidize.** FIN POOH W/ 3 1/2" TBG, LD 5 3/4" NO-GO, RIH W/ 3 1/2" TBG EOT @ 13,220', STACKED OUT 185' HIGH, PULLED 20 OVER SW TO GET FREE, SDFN.  
Day 7

4/16/00 **AFE #90087 - Perf & acidize.** R/U WIRELINE CCL LOG TO CORRELATE W/ TBG DEPTH. MIRU DOWELL PKR SET @ 12908' BEGIN ACID JOB 1ST STAGE. HOLD SAFTY MTG. BEGIN PMPING, PMP 2 BPM DWN CSG DURING JOB, PMP DWN TBG W/ 100 BBL PAD DROP 300 1.3 B.S. SWITCH TO DIRVERTER PMP 70 BBLS BRINE, SWITCH TO 7.5% HCL, DROP 200 1.3 B.S. AND 166 BBLS ACID. SWITCH TO DIRVERTER PMP 71 BBLS BRINE, SWITCH TO ACID DROP 200 1.3 B.S PMP 190 BBLS 7.5% HCL SWITCH TO DIRVERTER. PMP 47 BBLS BRINE, SWITCH TO ACID DROP 200 1.3 B.S. PMP 190 BBLS 7.5% HCL. SWITCH TO FLUSH PMP TOTAL OF 136 BBLS KCL . TOTAL VOLUMME OF 1ST STAGE 974 BBLS DIVERSION (FAIR) MAX PSI 8340#, AVG PSI 5550#, MAX RATE 23.1 AVG RATE 15.1. ISIP 0# R/D DOWELL RLS PKR & POOH TO 11575' RESET PKR. R/U DOWELL & BEGIN 2ND STAGE PMP 100 BBL PAD DROP 400 1.3 B.S. AFTER 80 BBLS PMPED. SWITCH TO DIRVERTER PMP TOT OF 95 BBLS BRINE, SWITCH TO 7.5% HCL DROP 200 1.3 B.S. PMP 143 BBLS ACID, SWITCH TO DIRV, PMP 71 BBLS BRINE. SWITCH TO HCL DROP 200 1.3 B.S PMP 143 BBLS 7.5% HCL. SWITCH TO DIRVERTER. PMP 71 BBLS BRINE, SWITCH TO ACID DROP 200 1.3 B.S. PMP 143 BBLS HCL. SWITCH TO FLUSH PMP 148 BBLS KCL. TOTAL LOAD 892 BBLS LOAD. DIRVERSION ( FAIR ) MAX PSI 8615# AVG PSI 6239# MAX RATE 24 BPM, AVG RATE 16.7 BPM. ISIP 0# RD DOWELL R/U SWAB EQUIP & BEGIN SWABBING, IFL @ 8500# MADE 5 RUNS SWAB DRY, RLS PKR POOH TO 11500' SDFN.

Day 8

4/18/00 **AFE #90087 - Perf & acidize.** SITP 520 #, IFL @ 8200, REC 7 BBLS 80% OIL CUT, RD SWAB EQUIP POOH LD 3 1/2" TBG, X-0 2 7/8" TBG POOH LD TBG & PKR, 1 JT ABOVE PKR HAD A HOLE WASHED IN IT FROM THE OUTSIDE- IN, PU RIH W/ 5 3/4" NO-GO & BHA, EOT @ 1600', SDFN.

Day 9

4/19/00 **AFE #90087 - Perf & acidize.** FIN RIH W/ TBG, SET A/C @ 10,691', S/N @ 10911, ND BOP, NU WH, PU RIH W/ 1 1/2" PMP ON RODS , SEAT PMP @ 10,911, FILL TBG W/ 55 BBLS TPW, TEST TO 800 #, WELL ON PRODUCTION, SDFN. ACT: WELL ON PROD

PROD: 7 BO, 102 BW, 20 MCF, 7.4 SPM, 10 HRS DWN

Day 10

4/20/00 ACT: WELL ON PROD  
PROD: 0 BO, 258 BW, 53 MCF, 9.4 SPM, RAN 24 HRS.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. **FEE**

6. If Indian, Allottee or Tribe Name  
**Ute Indian Tribe**

7. Unit or CA Agreement Name and No.  
**CA NW-580**

8. Lease Name and Well No.  
**Chandler #1-5B4**

9. API Well No.  
**43-013-30140**

10. Field and Pool, or Exploratory  
**Altamont Field**

11. Sec., T., R., M., or Block and  
Surveyor Area  
**Sec. 5, T2S, R4W**

12. County or Parish  
**Duchesne**

13. State  
**Utah**

14. Date Spudded  
**7/22/72**

15. Date T.D. Reached  
**2/14/73**

16. Date Completed  
 D & A  Ready to Prod.  
**4/19/00**

17. Elevations (DF, RKB, RT, GL)\*  
**6400' GL 6429' KB**

18. Total Depth: MD  
TVD **14066'**

19. Plug Back T.D.: MD  
TVD **14020'**

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CCL Log**

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	12 3/8"	68#		318'		450 SX			0
12 1/4"	9 5/8"	40#		6900'		800 CF			0
8 3/4"	7"	26# & 29#		11767'		700 CF			0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	10691'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	13611'	13556'	13611' - 13556'	3 SPF	174	58 Zones
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
13532' - 13611'	Stage I: 70 Bbls brine, 166 Bbls 7 1/2% HCL, 71 Bbls brine, 190 Bbls 7 1/2% HCL 47 Bbls brine, 190 Bbls 7 1/2% HCL.
	Stage II: 95 Bbls brine, 143 Bbls 7 1/2% HCL, 71 Bbls brine, 143 Bbls 7 1/2% HCL 71 Bbls brine, 143 Bbls 7 1/2%.

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
4/19/00	4/20/00	24	→	0	53	258	0	0	Pumping

28. Production Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						

28b. Production Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold Used for Fuel

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	7340'	11010'	Water, Oil & Gas		
Wasatch	11010'	13250'	Water, Oil & Gas		

32. Additional remarks (include plugging procedure):

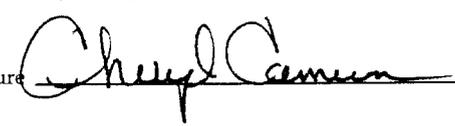
33. Circle enclosed attachments:

1. Electrical/Mechanical logs (1 full set req'd)    2. Geologic Report    3. DST Report    4. Directional Survey  
 5. Sundry Notice for plugging and cement verification    6. Core Analysis    7. Other Chronological Well History

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cheryl Cameron

Title Environmental Analyst

Signature 

Date 6/20/00

DIVISION OF OIL, GAS AND MINING

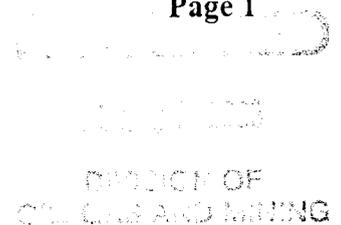
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

CHANDLER #1-5B4  
ALTAMONT/BLUEBELL FIELD  
DUCHESNE COUNTY, UTAH

Page 1



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PERF W/ 3 1/8" CSG GUNS, 58 ZONES, 174 HOLES, 3 SPF, 120 DEG PHASING, RDMO WL, PU RIH W/ 5" HD PKR PU 62 JT's 2 7/8" P-110, 5 3/4" NO-GO & 3 1/2" P-110 TBG EOT @ 4300' SDFN.

Day 5

4/14/00 **AFE #90087 – c/o perf & acid.** PU RIH W/ 3 1/2" TBG, 5 3/4" NO-GO. HUNG UP @ 11199', PKR @ 13220', TOP PERFT @ 11116'. POOH SET PKR @ 12909', SET RELS PKR. POOH W/ 3 1/2" TBG, EOT @ 10900', SDFN.

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Day 8

4/18/00

APPROVED  
DATE  
BY

**AFE #90087 - Perf & acidize.** SITP 520 #, IFL @ 8200, REC 7 BBLS 80% OIL CUT, RD SWAB EQUIP POOH LD 3 1/2" TBG, X-0 2 7/8" TBG POOH LD TBG & PKR, 1 JT ABOVE PKR HAD A HOLE WASHED IN IT FROM THE OUTSIDE- IN, PU RIH W/ 5 3/4" NO-GO & BHA, EOT @ 1600', SDFN.

Day 9

4/19/00

**AFE #90087 - Perf & acidize.** FIN RIH W/ TBG,SET A/C @10,691', S/N @ 10911, ND BOP, NU WH, PU RIH W/ 1 1/2" PMP ON RODS , SEAT PMP @ 10,911, FILL TBG W/ 55 BBLS TPW, TEST TO 800 #, WELL ON PRODUCTION, SDFN.  
ACT: WELL ON PROD

PROD: 7 BO, 102 BW, 20 MCF, 7.4 SPM, 10 HRS DWN

Day 10

4/20/00

ACT: WELL ON PROD Final Report

PROD: 0 BO, 258 BW, 53 MCF, 9.4 SPM, RAN 24 HRS.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
7. UNIT or CA AGREEMENT NAME:  
8. WELL NAME and NUMBER:  
Exhibit "A"  
9. API NUMBER:  
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

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

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

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> 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 13 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

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

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

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

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark
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	<input checked="" type="checkbox"/>	4-KAS	<input checked="" type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-LP	<input checked="" type="checkbox"/>
3. JLT	<input type="checkbox"/>	6-FILE	<input type="checkbox"/>

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

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

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

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

**CA No.**

**Unit:**

**WELL(S)**

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

**OPERATOR CHANGES DOCUMENTATION**

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



**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: <b>FEE</b>
		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: <b>CHANDLER 1-5B4</b>
2. NAME OF OPERATOR: <b>EL PASO PRODUCTION OIL AND GAS COMPANY</b>		9. API NUMBER: <b>4301330140</b>
3. ADDRESS OF OPERATOR: <b>1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113</b>	PHONE NUMBER: <b>(505) 344-9380</b>	10. FIELD AND POOL, OR WILDCAT: <b>ALTAMONT/BLUEBELL</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2120' FNL, 1553' FEL</b>		COUNTY: <b>DUCHESNE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 5 2S 4W</b>		STATE: <b>UTAH</b>

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>11/30/2005</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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" 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 RECOMPLETE THE SUBJECT WELL AS FOLLOWS:

1. MOVE IN WORKOVER RIG.
2. PULL RODS, PUMP & PRODUCTION TBG.
3. SET CIBP @ 11,100' TO TEMPORARILY ABANDON WASATCH PERFS 11,115'-13,990'.
4. PERFORATE GREEN RIVER @ 10,298' - 11,042' W/ 3 SPF.
5. RUN TREATING PKR AND 3 1/2" WORKSTRING.
6. ACIDIZE GREEN RIVER PERFS W/ 10,000 GALS 15% HCL.
7. FLOWBACK LOAD WTR.
8. PULL TREATING PKR & WORKSTRING.
9. RUN TBG, RODS & PUMP.
10. START WELL PUMPING.

*11-15-05  
CHD*

NAME (PLEASE PRINT) <u>CHERYL CAMERON</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE <i>Cheryl Cameron</i>	DATE <u>11/3/2005</u>

**RECEIVED**

(This space for State use only)

APPROVED BY THE STATE  
DIVISION OF OIL, GAS & MINING  
*11/3/05*  
(See Instructions on Reverse Side)

**NOV 04 2005**  
DIV. OF OIL, GAS & MINING  
DOWNSIDE OIL & GAS MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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>	
<b>FROM: (Old Operator):</b> N1845-El Paso Production O&G Company 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2300	<b>TO: ( New Operator):</b> N3065-El Paso E&P Company, LP 1001 Louisiana Street Houston, TX 77002 Phone: 1 (713) 420-2131
<b>CA No.</b>	<b>Unit:</b>

**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: <b>MULTIPLE LEASES</b>
		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: <b>SEE ATTACHED</b>
2. NAME OF OPERATOR: <b>EL PASO PRODUCTION OIL AND GAS COMPANY</b> <i>N1845</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1339 EL SEGUNDO AVE NE ALBUQUERQUE NM 87113	PHONE NUMBER: (505) 344-9380	10. FIELD AND POOL, OR WILDCAT: <b>SEE ATTACHED</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>SEE ATTACHED</b>		COUNTY: <b>UINTAH &amp; DUCHESNE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

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

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

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

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

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

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

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

(This space for State use only)

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

(5/2000)

(See Instructions on Reverse Side)

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

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>PATENTED</b>
2. NAME OF OPERATOR: <b>EL PASO E &amp; P COMPANY, LP</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2120 FNL & 1553 FEL COUNTY: DUCHESNE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 5 T2S R4W STATE: UTAH		8. WELL NAME and NUMBER: <b>CHANDLER 1-5B4</b>
PHONE NUMBER: <b>(303) 291-6417</b>		9. API NUMBER: <b>4301330140</b>
		10. FIELD AND POOL, OR WILDCAT: <b>ALTAMONT</b>

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>10/20/2008</u>	<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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
EL PASO RESPECTFULLY REQUESTS APPROVAL TO RECOMPLETE THIS WELL PER THE ATTACHED PROCEDURE.  
*Perfs: 10,291' to 11,069'*

**COPY SENT TO OPERATOR**  
Date: 10.14.2008  
Initials: KS

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>SR. REGULATORY ANALYST</u>
SIGNATURE <i>Marie O'Keefe</i>	DATE <u>10/3/2008</u> <i>Overnight 10/3/08</i>

(This space for State use only)  
**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 10/7/08  
BY: D. Stewart (See Instructions on Reverse Side)

**RECEIVED**  
**OCT 06 2008**  
DIV. OF OIL, GAS & MINING

**COMPANY PERSONNEL**

Title	Name	Office	Mobile	Home
Engineering Manager	Frank Seidel	(303) 291-6436	(303) 945-1049	(720) 524-8693
Geologist	Jim Borer	(303) 291-6455	(303) 877-3110	(303) 271-0917
Production Engineer	Devin Brown	(303) 291-6432	(303) 775-2130	(720) 344-6020
Production Foreman	Gary Lamb	(435) 454-4224	(435) 823-1443	(435) 454-3537

**Tubular Data**

String	Description	Burst (psi) 100%	Coll (psi) 100%	Body Yield (Mlbs)	Jt Yield (Mlbs)	ID (in.)	Drift (in.)	TOC
Surface Casing	9-5/8" 40# N-80 @ 6,900'	5750	3090	916	737	8.835	8.599	surface
Production Casing	7" 26# and 29# S-95/CF-95 @ 11,766'	8600 9690	5870 7820	717 803	593 683	6.276 6.184	6.151 6.059	10,170'
Production Liner	5" 18# S-95 11,553'-14,048'	12040	12010	501	416	4.276	4.151	TOL
Production Tubing	2-7/8" 6.5# N-80 EUE 8rd	10570	11160		145	2.441	2.347	
Frac String	4-1/2" 12.75 ppf P-110 EUE 8rd T&C	11590	9200	396	450	3.958	3.833	

**AFE #: pending****AFE Amount: \$555,150****WI: 100%****Notes:**

Well was recompleted from 10,298'-11,042' in December, 2005 with 10,000 gallons of 15% HCl acid. Average daily production from January through August, 2008 is 4.25 bopd; 19 mcfpd; and 156 bwpd. As of July 3, 2008 the well has been down with a rod part and is only making 23 mcf/d.

**Procedure:**

1. MIRU Co-Rod rig. Pull co-rod and pump referring to wellbore diagram. Unload +/-1,000' 2-7/8" tubing and +/-10,500' of 4-1/2" Frac String. RDMO Co-Rod Rig and MIRU WO Rig.
2. ND wellhead & NU BOP's. Release TAC and TOOH with 2-7/8" production tubing string and BHA referring to wellbore diagram.
3. PU and TIH with a 6" bit and 7" casing scraper on 2-7/8" 6.5#/ft N-80 tubing and TIH to 11,090'. TOOH standing back.
4. TIH with 7" packer and 2-7/8" tubing and set @ 10,290' (top perf @ 10,298'). Pressure test casing to 1,500 psi. If casing does not test move packer as needed to isolate casing leak. Once leak is isolated consult with Denver office for plans to repair. If casing does test then lay down 2-7/8" tubing for optional rigless completion.

## Proppant Frac Lower Green River (10,291'-11,069')

5. Perforate 10,291'-11,069' on open hole Digital Gamma Ray log. Cased hole log is OWP GR/CBL dated 4/15/73. Perfs are detailed on attached perf sheet. Use 3-1/8" TAG gun loaded 3 spf, 120 deg phased w/ 22.7 gram premium charges.
6. RIH with on/off tool, 7" wireline set tubing retrievable production packer (Baker Hornet), 2-7/8" x 6' pup joint, 2-7/8" F nipple, 2-7/8" x 6' pup joint, R nipple, and wireline entry guide and set packer at 10,000'. POOH. RD WL unit.
7. TIH with 4-1/2" 12.75# P-110 tubing. Hydrotest tubing on TIH. Sting into packer @ 10,000'. Pressure test annulus to 1,000 psi. RDMO WO Rig if frac date warrants rigless frac.
8. MIRU stimulation company fracture stimulate as follows:
  - i. Base fluid to be fresh water with 2% KCl substitute heated to 120° F. Estimated BHST = 206° F @ 10,680'.
  - ii. All fluids to contain 2% KCl substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company.
  - iii. Maximum allowable surface treating pressure is 8,500 psi. Pressure test treating line to 9,500 psi. Anticipated frac gradient is 0.70 psi/ft.
  - iv. Spearhead 5,000 gals 15% HCl acid at +/- 20 bpm containing 200 Bio-Balls (brown or green) for diversion. Flush acid to bottom perf plus 10 bbls over at +/- 30 bpm with treated water. Number of Bio-Balls is based 70% of the number of perforations.
  - v. Shut down for 60 minutes after flushing acid. Monitor and record pressure for first 15 minutes of shut-in. Surge ball sealers. Remove ball gun(s) from treating line and re-pressure test to 9,500 psi during shut-in period.
  - vi. Run radioactive tracer in the frac treatment. Use isotope #1 in the 1.0 ppg and 2.0 ppg stages. Use isotope #2 in the 3.0 ppg stage. Use isotope #3 in the 4.0 ppg stage.
  - vii. Pump main fracture treatment according to the following schedule. Hold 1,000 psi on annulus during frac job. Flush to top perf marking flush at 1.0 ppg at the wellhead densiometer. Record ISIP, 5, 10, and 15 minute pressure with computer van.
9. Flow test well recording hourly rates and pressures. After flow testing, consult with Denver office as to additional testing of this stage or isolation. If additional testing is requested via 2-7/8" tubing; proceed to step # 10. If no further flow testing is required then proceed to step # 13.
10. If additional flow testing up 2-7/8" tubing is required then rig up slickline and RIH to set blanking plug in bottom profile nipple. POOH and RD slickline. MIRU WO Rig if previously released. Release frac string from packer and TOOH laying down 4-1/2" tubing.
11. TIH with 2-7/8", N-80 tubing. Prior to latching onto On-Off tool, roll hole with clean 2% KCL water. Space out tubing for landing, latch onto On-Off tool. RU pump truck, test backside to 1,000 psi for 10 minutes. RD pump truck.
12. ND BOP's. NU wellhead and test with test plug. RU slickline and RIH and retrieve blanking plug. RD slickline. Flow test well. RDMO workover rig, release all rental equipment.

13. MIRU WO Rig if previously released. If well is not to be flowed for extended time then release 7" packer and TOOH laying down 4-1/2" frac string.
14. TIH w/ 6" mill & BHA and clean out to 11,090'. TOOH.
15. RIH with 2-7/8" production tubing string and tubing anchor. Depth of tubing anchor and seat nipple to be determined by Denver engineering.
16. ND BOP & NU wellhead.
17. Run pump and rods. RDMO workover rig.
18. Start well pumping and turn over to Production Department.

## Existing Perforations from 12/2/2005 Recompletion

TOP	BOTTOM	SPF
10298	10299	3
10307	10308	3
10309	10310	3
10319	10320	3
10322	10323	3
10324	10325	3
10326	10327	3
10328	10329	3
10333	10334	3
10335	10336	3
10399	10400	3
10401	10402	3
10469	10470	3
10471	10472	3
10486	10487	3
10488	10489	3
10493	10494	3
10497	10498	3
10499	10500	3
10501	10502	3
10563	10564	3
10563	10564	3
10565	10566	3
10567	10568	3
10571	10572	3
10597	10598	3
10619	10620	3
10621	10622	3
10623	10624	3
10633	10634	3
10705	10706	3
10734	10735	3
10757	10758	3
10759	10760	3
10771	10772	3
10793	10794	3
10795	10796	3
10797	10798	3
10801	10802	3
10803	10804	3
10813	10814	3
10815	10816	3
10817	10818	3
10819	10820	3
10837	10838	3
10895	10896	3
10897	10898	3
10899	10900	3
10903	10904	3
10905	10906	3
10912	10913	3
10919	10920	3
10947	10948	3
10957	10958	3
10964	10965	3
11003	11004	3
11005	11006	3
11010	11011	3
11015	11016	3
11027	11028	3
11033	11034	3
11042	11043	3

## Recompletion Perforation Detail

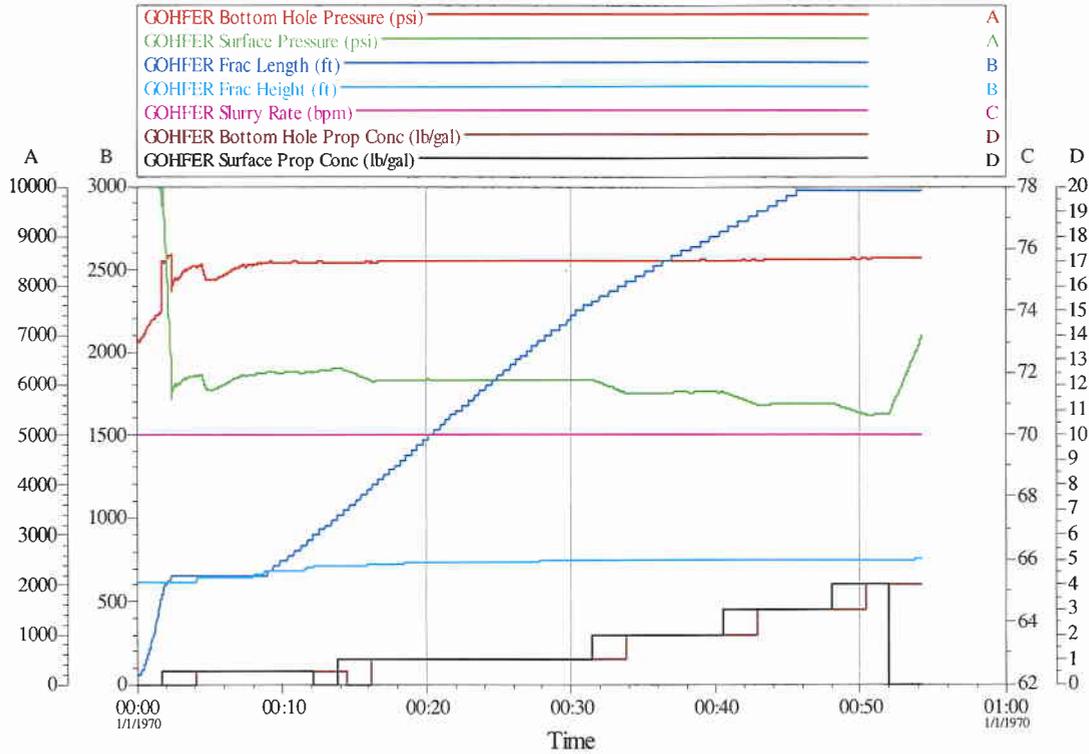
Chandler 1-5B4 PERFORATION SCHEDULE - GREEN RIVER FORMATION TABLE 1 Cased Hole Reference Log: OWP GR- CBL 4/15/73 Open Hole Reference Log: Digital Gamma Ray								
<i>OPEN HOLE</i>				<i>CASED HOLE</i>				
Digital Gamma Ray log used to pick perforations				OWP GR-CBL4/15/1973 used to match perforations				
LOWER GREEN RIVER PERFORATIONS				LOWER GREEN RIVER PERFORATIONS				
top	bot	thick	shots	top	bot	thick	shots	
10291	10292	1	3	10272	10273	1	3	
10441	10442	1	3	10422	10423	1	3	
10456	10457	1	3	10437	10438	1	3	
10488	10489	1	3	10467	10468	1	3	
10519	10520	1	3	10498	10499	1	3	
10561	10562	1	3	10540	10541	1	3	
10656	10657	1	3	10635	10636	1	3	
10689	10690	1	3	10668	10669	1	3	
10718	10719	1	3	10697	10698	1	3	
10761	10762	1	3	10742	10743	1	3	
10835	10836	1	3	10816	10817	1	3	
10900	10901	1	3	10881	10882	1	3	
10940	10941	1	3	10921	10922	1	3	
10946	10947	1	3	10927	10928	1	3	
11021	11022	1	3	11002	11003	1	3	
11038	11039	1	3	11019	11020	1	3	
11068	11069	1	3	11049	11050	1	3	
INTERVALS	GROSS	NET	SHOTS					
10	778	17	51					

# Pump Schedule:

CHANDLER 1-5 B4 LGR RECOMPLETION (10,291'-11,069')

Design	Prop. Name	Prop. Conc. (lb/gal)	Clean Vol. (gal)	Fluid Name	Slurry Rate (bpm)	Dirty Vol. (gal)	Stage Time (min)	Cum. Time (min)	Cum. Slurry (gal)	Cum. Clean (gal)	Stage Prop. (lb)	Cum. Prop. (lb)
1	0_None	0.00	5000	XL BORATE	70	5000	1.70	1.70	5000	5000	0	0
2	100 mesh FLA	0.50	30000	XL BORATE	70	30678	10.43	12.14	35678	35000	15000	15000
3	0_None	0.00	5000	XL BORATE	70	5000	1.70	13.84	40678	40000	0	15000
4	SinterLite Bauxite 20/40	1.00	50000	XL BORATE	70	51752	17.60	31.44	92430	90000	50000	65000
5	SinterLite Bauxite 20/40	2.00	25000	XL BORATE	70	26752	9.10	40.54	119182	115000	50000	115000
6	SinterLite Bauxite 20/40	3.00	20000	XL BORATE	70	22102	7.52	48.06	141284	135000	60000	175000
7	SinterLite Bauxite 20/40	4.00	10000	XL BORATE	70	11401	3.88	51.93	152686	145000	40000	215000
8	0_None	0.00	6857	LINEAR GEL	70	6857	2.33	54.27	159543	151857	0	215000
Totals:			151857			159543					215000	

## 1-5B4 Design PRC



GohWin v1.6.5  
29-Aug-08 07:07

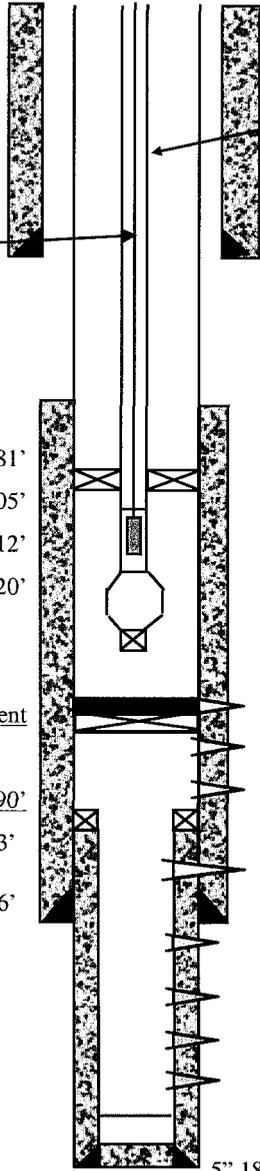
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**Chandler 1-5B4**

43013301400000  
 5-2S-4W  
 Duchesne Co, Utah  
 Altamont Field  
 KB = 29 ft  
 GL = 6395 ft  
 Lat: 40.338 Long: -110.355

*Current*

**ROD STRING:**  
 Converted to Co-Rod in April, 2008



2-7/8" 8rd Tubing

9-5/8" 40 # N-80 @ 6900'

Top of Cement @ 10,170'

7" TAC @ 10,281'  
 +45 Seating nipple @ 10,505'  
 4-1/2" PBGA @ 10,512'  
 End of tubing @ 10,620'

Squeezed Perfs: 11,298'-11,396' and  
 12,885'-12,900' (April '89)

PBTD @ 11,090' (12/1/05) w/ CIBP & 10' Cement

Perf History  
 10,298'-11,043' (12/2/05)

Possible obstruction in 7" casing @ 11,190'

11,598'-13,755' (4/13/00)

TOL @ 11,553'

11,678'-12,794' (5/20/89)

7" 26/29# S-95/CF-95 @ 11,766'

11,116'-13,417' (10/31/79)

11,919'-13,417' (11/10/76)

13,558'-13,754' (8/5/76)

13,760'-13,975' (7/14/76)

11,116'-13,990 (4/24/73)

Cleanout 4/11/00 got to 13,915'

5" 18# S-95 @ 14,048'

Milled up PKR

PBTD @ 14,020'  
 TD @ 14,048'

DLB 8-7-2008

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>PATENTED</b>
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: <b>CHANDLER 1-5B4</b>	
2. NAME OF OPERATOR: <b>EL PASO E &amp; P COMPANY, LP</b>	9. API NUMBER: <b>4301330140</b>	
3. ADDRESS OF OPERATOR: 1099 18TH ST STE 1900    CITY <b>DENVER</b> STATE <b>CO</b> ZIP <b>80203</b>	PHONE NUMBER: <b>(303) 291-6417</b>	10. FIELD AND POOL, OR WILDCAT: <b>ALTAMONT</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2120 FNL &amp; 1553 FEL</b>		COUNTY: <b>DUCHESNE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SWNE 5 T2S R4W</b>		STATE: <b>UTAH</b>

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"/> 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 type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> PRODUCTION (START/RESUME)  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input checked="" 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: _____
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>12/13/2008</b>			

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

EL PASO performed recompletion well work 11/20/2008 - 12/13/2008.  
 11/20/08 Test csg w/30 bbls 2% KCL wtr, release TAC @9233'. POOH w/291 jts 4-1/2" tbg RU wireline to junk basket to 10090' RD  
 11/21/08 RU 7" PKR test 7" csg. Set PKR 10290' Good test 1500# 30 min.  
 11/22/08 Perforate 3 SPF 120 deg phasing 22.7 gram correlate to GR/CBL dated 4/15/73. Perf. 10272' - 11050'  
 PU 199 jts 4-1/2' tbg Finish next AM  
 11/23/08 Finish PU tbg. Set 7" treating PKR @10013. Fill 7" csg 210 bbls 2% KCL wtr Good test to 1500#. Ready for Frac.  
 11/24 WO Frac.  
 11/26 MIRU BJ Frac See attachment.  
 12/13 Run 2-7/8" tbg, rods, pmp, POP.

NAME (PLEASE PRINT) <u>MARIE OKEEFE</u>	TITLE <u>SR. REGULATORY ANALYST</u>
SIGNATURE <u><i>Marie Okeefe</i></u>	DATE <u>3/5/2009</u>

(This space for State use only)

**RECEIVED**  
**MAR 10 2009**  
DIV. OF OIL, GAS & MINING

Operator Name: El Paso Production  
 Well Name: Chandler 1-5B4 Stg. 1  
 Job Description: Lightning 2400  
 Date: November 26, 2008



Proposal No: 55045171  
 Field Receipt No: 1001391572

**SECTION I - WELL DATA**

**RESERVOIR DATA**

Formation Green River, Lower  
 Formation Type: Sandstone  
 Depth to Middle Perforation 10680 ft  
 Fracture Gradient 0.434 psi/ft  
 Bottom Hole Fracture Pressure 4632 psi  
 Bottom Hole Static Temperature 206 ° F

**PERFORATED INTERVAL**

DEPTH (ft)		Shots Per Foot	Perf Diameter (in)	Total Perfs
MEASURED	TRUE VERTICAL			
10,291 - 11,069	10,291 - 11,069	0.366	0.41	284.748

Total Number of Perforations 284.7  
 Total Feet Perforated 778 ft

**TUBULARS**

Pump Via Annulus

**TUBULAR GEOMETRY**

					<u>Top</u>	<u>Bottom</u>
Casing	7	O.D." (6.276" I.D.)	26 #	0	11766	
Casing	5	O.D." (4.276" I.D.)	18 #	11766	14080	
Tubing	4 1/2	O.D." (3.958" I.D.)	12.6 #	0	10000	

Operator Name: El Paso Production  
 Well Name: Chandler 1-5B4 Stg. 1  
 Job Description: Lightning 2400  
 Date: November 26, 2008



Proposal No: 55045171  
 Field Receipt No: 1001391572

**SECTION II - MATERIAL UTILIZATION**

**VOLUMES**

Label	Clean Volumes		Unit
	Proposed	Actual	
Pad	10,000	9,996	gals
Treating Fluid	135,000	123,267	gals
Flush	13,990	15,376	gals
Other	5,000	4,998	gals
Load To Recover		153,637	gals
		3,658	bbls

**PROPPANT**

Size & Type	Proposed	Actual	Unit
Sand, White 100 Mesh	15,000	15,380	lbs.
Tempered LC, 20/40	200,000	126,531	lbs.
Total Proppant	215,000	141,911	lbs

**ADDITIVES**

Product Name	Proposed	Actual	Unit
GW-3LDF	808	800	Gal.
BF-7L	299	298	Gal.
MA-844W	261	260	Gal.
PSI-720	128	127	Gal.
XLW-32	145	144	Gal.
Claytreat	149	145	Gal.
HP CRB	199	200	Gal.
HP CRB LT	107	110	Gal.
GBW5	24	25	Lb.

Operator Name: El Paso Production  
 Well Name: Chandler 1-5B4 Stg. 1  
 Job Description: Lightning 2400  
 Date: November 26, 2008



Proposal No: 55045171  
 Field Receipt No: 1001391572

**SECTION III - TREATMENT SCHEDULE**

**PROCEDURE**

Stage	Fluid		Prop Conc.		Clean Volume		
	Type	Stage Label	Prop.	Act.	Proposed	Actual	Units
1	Acid	15% HCl	0	0	5,000	4,998	gals
2	Linear Gel	10PPT Linear Gel	0	0	7,140	8,526	gals
3	Lightning 24	Pad	0	0	5,000	4,998	gals
4	Lightning 24	Sand Stage 1# - 100 Mesh	0.5	0.5	30,000	30,023	gals
5	Lightning 24	Pad-Spacer	0	0	5,000	4,998	gals
6	Lightning 24	1# Sand	1	1	50,000	49,985	gals
7	Lightning 24	2# Sand	2	2	25,000	24,995	gals
8	Lightning 24	3#Sand	3	3	20,000	8,265	gals
9	Lightning 24	4#Sand	4	4	10,000	10,000	gals
10	Linear Gel	Flush	0	0	6,850	6,850	gals

**COMMENTS**

Staged Flush half way into 3# sand stage



Operations Summary Report

Legal Well Name: CHANDLER 1-5B4  
 Common Well Name: CHANDLER 1-5B4  
 Event Name: RECOMPLETION  
 Contractor Name:  
 Rig Name:

Spud Date: 7/22/1972  
 Start: 10/28/2008 End: 12/13/2008  
 Rig Release: Group:  
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/30/2008	07:00 - 16:00	9.00	C	06		HSM MIRU LD POLISH ROD UNSEAT PMP FLUSH TBG w 60 BBLS HOT 2% KCL TOH w COROD SECURE WELL RDMO
11/20/2008	06:30 - 18:30	12.00	C	06		HELD SAFETY MEETING - TOPIC RU IN HIGH WIND - MIRU - RD UNIT - NU BOP'S - FLUSH CSG W/30 BBLS 2% KCL WATER - W/60 BBLS 2% DOWN TBG - RELEASE TAC @9233' - POOH W/291 JTS N80 8RD TBG - LD BHA - BOTTOM JTS FULL SCALE - RU JW WIRELINE - TIH W/GAUGE RING & JUNK BASKET TO 10,090' - POOH - RD JW WIRELINE - PU W-FORD 7"PACKER TO TEST 7" CSG - SWI SDFN EOT 4000' OR 120 JTS 2 7/8" TBG - WILL FINISH TIH NEXT AM W/TEST PACKER
11/21/2008	06:30 - 17:30	11.00	C	06		SITP 0# SICP 0# - HELD SAFETY MEETING - TOPIC: CHECK DRLG LINE DAILEY - FINISH TIH W/W-FORD 7" TEST PKR & SET @ 10,290' - FILL TBG W/236 BBL 2% KCLWTR - TEST 7" CSG TO 1500# FOR 30 MINS - GOOD TEST - RELEASE W-FORD PKR @ 10,290' - W/O CATWALK & PIPE RACKS - POOH W/2 7/8" TBG - LD SAME - 291 JTS N80 8RD TBG 9464' - SWI SDFN - WILL PERFORATE NEXT WELL AM
11/22/2008	06:30 - 18:00	11.50	C	06		HELD SAFETY MEETING -TOPIC: PERFORATING WELL - MIRU CASEHOLE SOLUTION - TIH W/ 3 1/8" TAG GUN LOAD W/3 SPF - 120 DEG PHASE - 22.7 GRAM PREMIUM - CORRELATED TO OWP GR/CBL DATED 4/15/73 - ZONE PERFORATED - LOWER GREEN RIVER 10,272' TO 11,0050' - SEE PERFORATED DETAILS IN DIM'S PERFORATION - RD CASEHOLE SOLUTION - RU W-FORD TONGS - PU 4 1/2' P110 12.75# TIH 199 JTS -EOT @ 6248'- SWI SDFN - WILL FINISH PU 4 1/2" TBG NEXT AM
11/23/2008	06:30 - 15:00	8.50	C	06		SITP 100# SICP 100# - HELD SAFETY MEETING - TOPIC: ROLLING PIPE & PINCH - FINISH PU 4 1/2" P110 12.75# TBG - SET W-FORD 7" TREATING PKR @ 10,013' W/60,000# COMPRESSION - INSTALLED W-FORD FRAC VALVE - RU FLOW BACK LINES - FILL 7" CSG W/210 BBLS 2% KCL WTR & TEST TO 1500# - GOOD TEST - RD PEAK 900 - WELL READY FOR FRAC - W/O FRAC DATE
11/24/2008	07:00 - 07:00	24.00	C	06		NO RIG ACTIVITY - W/O FRAC DATE
11/27/2008	10:30 - 14:00	3.50	C	06		MIRU BJ FRAC EQUIPMENT - HELD SAFETY MEETING - TOPIC: JOB FOR DAY - TEST LINES TO 8200# - SET POP OFF @ 1500# - TRY TO ESTABLISH INJECTION W/2% KCL WTR - ENGINEERS WENT TO ACID - PUMP 119 BBLS 15% HCL @ 38 BPM @ MAX PSI 5706# MIN PSI 5097# AVG 5387# - WENT TO FLUSH 170 BBLS GEL WTR @ 38 BPM MAX 5285# MIN 3213# AVG 4470# -TO SHUT DOWN - ISIP 0# SHUT DOWN FOR 1 HR - STARTED PAD - 70 BPM @ MAX PSI 7650# MIN 4850# AVG 6471# - WENT TO 100 MESH - PUMP @ 65 BPM @ MAX PSI 7733# - MIN PSI 7698# - AVG PSI 7719# - WENT TO SPACER PUMP@ 61 BPM @ MAX PSI 7800# - MIN PSI 6510# AVG 5652# - WENT TO 1# SAND - TEMPERED LC 20/40 PUMPED @ 63 BPM @ MAX PSI 7641# MIN PSI 7560# AVG PSI 7606# - WENT TO 2# SAND TEMPERED LC 20/40 - PUMPED @ MAX PSI 7918# DROP RATE TO 55 BPM @ 7025# - WENT TO 3# SAND TEMPERED LC 20/40 - PUMP@ 55 BPM @ MAX PSI 7344# MIN PSI 7128# AVG PSI7253# DID NOT PUMP ALL 3# SAND - ENGINEERS WENT TO FLUSH - PUMP @ 56 BPM @ MAX PSI 7344# - MIN PSI 7128# AVG PSI 7253# - SHUT DOWN - ISIP 3197# 5 MIN 1567# - 10 MIN 695# 15 MIN 106# FG .73 - SWI - RD BJ FRAC EQUIPMENT - WILL CHECK NEXT AM
12/5/2008	-					MIRU DELSCO SLICKLINE. SITP-600#. RIH W/ 1-1/2" BLINDBOX.



**EL PASO PRODUCTION**  
**Operations Summary Report**

Legal Well Name:	CHANDLER 1-5B4		
Common Well Name:	CHANDLER 1-5B4	Spud Date:	7/22/1972
Event Name:	RECOMPLETION	Start:	10/28/2008
Contractor Name:		End:	12/13/2008
Rig Name:		Rig Release:	Group:
		Rig Number:	

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/5/2008	-					TAGGED TD @ 11093' SLICKLINE MEASUREMENTS. TOC 11090'. RDMO DELSCO.
12/6/2008	07:00 - 17:00	10.00	C			SAFETY MEETING W/ DELSCO AND PROTECHNICS. SITP-650#. R/U DELSCO AND PROTECHNICS. RAN TRACER LOG FR/ 9780' TO 11520'. PLUG @ 11090' DOWNHOLE @ 11518' CORRELATED MEASUREMENTS. RDMO DELSCO AND PROTECHNICS. MIRU PEAK 900. BLED WELL DOWN. LAID PUMPLINES. SET PIPE WRANGLER CATWALK AND PIPE RACKS. SECURED WELL FOR WEEKEND
12/7/2008	-					NO ACTIVITY
12/8/2008	-					NO ACTIVITY
12/9/2008	06:30 - 17:30	11.00				SAFETY MEETING W/ PEAK CREW. SITP-650# SICP-0#. BLED TBG OFF. R/U FOSTER TONGS FR/ R & W RENTALS. COULD NOT GET TONGS TO RUN PROPERLY. R/D TONGS. CALL FOR WESTATES TONGS. BROKE OUT FRAC VALVE RELEASED PKR. PUMPED 90 BBLs HOT 2% KCL DOWN TBG. R/U TONGS. POOH. L/D 135 JTS 4-1/2" PH-6 TBG. SECURED WELL FOR NIGHT.
12/10/2008	06:30 -					SAFETY MEETING W/ PEAK CREW. SITP-100#. CSG VALVE FROZEN. THAWED W/ HOT OILER. SICP-100#. BLED OFF BOTH SIDES. POOH 4-1/2" PH-6 TBG FLUSHING TO KEEP TBG CLEAN AS NEEDED. L/D 7" HD PKR. R/D WESTATES TONGS. CHANGED OVER TO 2-7/8" TOOLS AND RAMS. MOVED 2-7/8" TBG TO RACKS. R/U FOUR STAR TESTERS. M/U 5-3/4" NO-GO, 3-1/2" X 2-7/8" X-O, PERFORATED JOINT, 2-7/8" SOLID PLUG, 2- JTS 2-7/8" TBG, 4-1/2" PBGA, 6' X 2-7/8" SUB, 2-7/8" PSN, 7 JTS 2-7/8" TBG, 7" TAC, TIH P/U 2-7/8" N80 8RD HYDROTESTING TO 8500#. 95 JTS IN HOLE. EOT @ 2500.04. SECURED WELL FOR NIGHT.
12/11/2008	06:30 - 17:00	10.50	C			SAFETY MEETING W/ PEAK CREW. SITP-100# SICP-100#. BLED OFF. FIN TIH HYDROTESTING 2-7/8" N80 8RD TBG. RIGGED DOWN FOUR STAR TESTERS. SET TAC @ 9239' W/ 23K TENSION. N/D BOPS. N/U WELLHEAD. S.N. @ 9468'. EOT @ 9614'. MOVED 4-1/2" TBG TO EDGE OF LOCATION. LEFT CSG OPEN TO FLOWLINE.
12/12/2008	07:00 - 14:00	7.00				SAFETY MEETING W/ PEAK CREW. REPLACED BRAKES ON DRAWWORKS.
	14:00 - 16:00	2.00	C			RIGGED DOWN. POLICED LOCATION. MOVED OFF.
12/13/2008	08:00 - 21:00	13.00	C			ROAD RIG FROM YARD. HELD SAFETY MEETING, FLUSHED TUBING W/ 60 BLS 2% KCL. SPOT IN RIG UP, P/U 2 1/2"X1 3/4"X28' RHBC WALS PUMP. RIH W/PMP & CO-ROD. TAGGED SEAT NIPPLE @9399'. SPACE OUT PUMP W/ 2-1"X25' SLICK RODS & 1-1"X2' PONY ROD. SEAT PMP FILL & STROKE TEST TBNG TO 1,000 PSI. GOOD TEST. HUNG HORSES HEAD. RIGGED DOWN. POP. TURN WELL OVER TO PRODUCTION. ROAD RIG TO RANGLEY BASE.

**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**

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

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- 4a. Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- 5a. (R649-9-2)Waste Management Plan has been received on:          Yes
- 5b. Inspections of LA PA state/fee well sites complete on:          N/A
- 5c. Reports current for Production/Disposition & Sundries on:          6/25/2012
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on:          BLM          N/A          BIA          Not Received
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:          N/A
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:          N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:          **Second Oper Chg**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on:          6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on:          6/29/2012
3. Bond information entered in RBDMS on:          6/29/2012
4. Fee/State wells attached to bond in RBDMS on:          6/29/2012
5. Injection Projects to new operator in RBDMS on:          6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on:          N/A

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:          103601420
2. Indian well(s) covered by Bond Number:          103601473
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number          400JU0705
- 3b. The **FORMER** operator has requested a release of liability from their bond on:          N/A

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:          6/29/2012

**COMMENTS:**

Disposal and Injections wells will be moved when UIC 5 is received.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**Multiple Leases**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**See Attached**

2. NAME OF OPERATOR:  
**El Paso E&P Company, L.P. Attn: Maria Gomez**

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT:  
**See Attached**

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **See Attached**

COUNTY:

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

STATE: **UTAH**

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

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

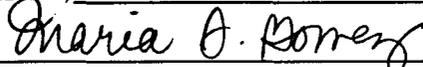
EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian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

DATE 6/22/2012

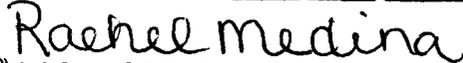
(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012



(See Instructions on Reverse Side)

(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	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: CHANDLER 1-5B4
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	9. API NUMBER: 43013301400000
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	PHONE NUMBER: 713 997-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2120 FNL 1553 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 05 Township: 02.0S Range: 04.0W Meridian: U	9. FIELD and POOL or WILDCAT: ALTAMONT
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>5/29/2013</b>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="pump change"/>

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

Please see attachment for procedure

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

Date: June 12, 2013

By: 

NAME (PLEASE PRINT) Lisa Morales	PHONE NUMBER 713 997-3587	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/28/2013	

## Chandler 1-5B4 Pump Change Procedure Summary

- POOH w/rods & pump
- Acidize existing perms w/ 7,500 gal 15% HCl.
- RIH w/ pump and rod string
- Clean location and resume production



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

March 21, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5275 9918

43 013 30140  
Chandler 1-5B4  
5 2S 4W

Ms. Linda Renken  
EP Energy  
1001 Louisiana Street, Suite 2628D  
Houston, TX 77002

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Renken:

As of January 2016, EP Energy has thirty-six (36) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The first eight wells listed on attachment A have been previously noticed and will most likely be addressed further in a later correspondence.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2  
EP Energy  
March 21, 2016

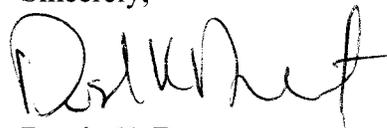
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

**All Submittals should be sent via ePermit**

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

DKD/DD/js  
Enclosure

cc: Compliance File  
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	Farnsworth 2-12B5	43-013-31115	Fee	12 year(s) 4 month(s)
2	Brotherson 1-10B4	43-013-30110	Fee	11 year(s) 10 month(s)
3	Miles 2-35A4	43-013-31087	Fee	8 year(s) 10 month(s)
4	Fly/Dia L Boren 1-14A2	43-013-30035	Fee	6 year(s) 11 month(s)
5	Brotherson 2-3B4	43-013-31008	Fee	5 year(s) 5 month(s)
6	R Houston 1-22Z1	43-013-30884	Fee	4 year(s) 2 month(s)
7	Horrocks 5-20A1	43-013-34280	Fee	6 year(s) 6 month(s)
8	Eula-Ute 1-16A1	43-013-30782	Fee	3 year(s) 10 month(s)
9	ASAY E J 1-20A1	43-013-30102	Fee	2 year(s) 6 month(s)
10	ELLSWORTH 1-17B4	43-013-30126	Fee	2 year(s) 5 month(s)
11	ELLSWORTH 1-19B4	43-013-30183	Fee	2 year(s) 2 month(s)
12	ELLSWORTH 2-8B4	43-013-30898	Fee	2 year(s) 2 month(s)
13	BROADHEAD 2-32B5	43-013-31036	Fee	2 year(s) 4 month(s)
14	ELLSWORTH 2-17B4	43-013-31089	Fee	2 year(s) 6 month(s)
15	HUNT 2-21B4	43-013-31114	Fee	2 year(s) 2 month(s)
16	CEDAR RIM 8-A	43-013-31171	Fee	2 year(s) 4 month(s)
17	MILES 2-3B3	43-013-31261	Fee	2 year(s) 4 month(s)
18	MATTHEWS 2-13B2	43-013-31357	Fee	12 year(s) 4 month(s)
19	HORROCKS 2-5B1E	43-047-32409	Fee	2 year(s) 9 month(s)
20	FARNSWORTH 1-12B5	43-013-30124	Fee	1 year(s) 11 month(s)
21	ELDER 1-13B2	43-013-30366	Fee	1 year(s) 8 month(s)
22	YOUNG 2-30B4	43-013-31366	Fee	1 year(s) 7 month(s)
23	POTTER 1-24B5	43-013-30356	Fee	1 year(s) 5 month(s)
24	PETERSON 4-22C6	43-013-51163	Fee	1 year(s) 5 month(s)
25	FARNSWORTH 1-13B5	43-013-30092	Fee	2 year(s) 0 month(s)
26	BROTHERSON 2-35B5	43-013-30908	Fee	2 year(s) 0 month(s)
27	WRIGHT 2-13B5	43-013-31267	Fee	2 year(s) 0 month(s)
→ 28	CHANDLER 1-5B4	43-013-30140	Fee	1 year(s) 3 month(s)
29	ROBB 2-29B5	43-013-31130	Fee	1 year(s) 2 month(s)
30	YOUNG 3-36A1	43-047-54734	Fee	1 year(s) 2 month(s)
31	ERCANBRACK 3-14B1	43-047-54203	Fee	2 year(s) 2 month(s)
32	OSTLER 7-20C4	43-013-53137	Fee	1 year(s) 2 month(s)
33	MYRIN LIVESTOCK 3-20B3	43-013-53133	Fee	1 year(s) 3 month(s)
34	HILL 4-28A1	43-013-53111	Fee	1 year(s) 2 month(s)
35	BULLOCK 4-17C4	43-013-52900	Fee	1 year(s) 3 month(s)
36	LINDSAY TRUST 4-18B4	43-013-52766	Fee	1 year(s) 5 month(s)



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

43 013 30140  
Chandler 1-5B4  
5 2S 4W

### NOTICE OF VIOLATION

### OIL AND GAS CONSERVATION ACT

**TO THE FOLLOWING OPERATOR:**

EP Energy  
Linda Renken  
1001 Louisiana Street, Suite 2628D  
Houston, TX 77002

Date of Mailing: 10/31/2016  
Certified Mail No.: 7015 0640 0003 5276 0396

**Compliance Deadline:** 12/1/2016

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the described site and/or records on the date listed below and has found alleged violation(s) of the act, rules or permit conditions as described below.

**Description of Violation(s):**

On March 21, 2016, the Division sent a letter to EP Energy outlining that 36 wells were in non-compliance with the requirements for extended shut-in or temporarily abandoned status and what actions were required for these wells. EP Energy was given 30 days to supply the requested information. In an email correspondence with the Division, EP Energy requested and was granted a two month extension to have this information submitted. It is well past the June 21, 2016 extended deadline and the majority of the wells listed on the following page have not had sundries filed with the required information. Seven of the wells on the list have had a sundry submitted that was denied because of a lack of information showing wellbore integrity and sufficient justification for continued shut-in status. Four of the wells from the original list included with the March 21, 2016 letter have approved plugging plans but have not yet been plugged and abandoned.

**See list of wells / sites on next page**

**Rule Reference(s):**

**Rule R649-3-36. Shut-in and Temporarily Abandoned Wells**

**Rule R649-3-4.3. Bonding**

**Rule R649-3-4.41. Bonding**



**Required Actions:**

For the well(s) subject to this notice, you shall fulfill full cost bonding requirements for each well. You shall also submit all information as required by R649-3-36, plug and abandon the well(s), or place the well(s) on production.

**\* Fines may be levied up to \$10,000.00 per day for every well in violation given the authority provided under U.C.A 40-6-11, part 4**

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

**Compliance Deadline:** 12/1/2016

**Dayne K Doucet**

Digitally signed by Dayne K Doucet  
DN: cn=Dayne K Doucet, o, ou,  
email=daynedoucet@utah.gov, c=US  
Date: 2016.10.28 14:32:44 -06'00'

Petroleum Engineer

(801) 538-5303

cc: Compliance File

Well File

Dustin Doucet, Petroleum Engineer

Josh Payne, Compliance Manager

**List of Wells or Sites:**

Well or Site	API #	Date of Inspection/Violation
MILES 2-35A4	43-013-31087	10/28/2016
FLY/DIA L BOREN 1-14A2	43-013-30035	10/28/2016
R HOUSTON 1-22Z1	43-013-30884	10/28/2016
HORROCKS 5-20A1	43-013-34280	10/28/2016
ASAY E J 1-20A1	43-013-30102	10/28/2016
ELLSWORTH 1-17B4	43-013-30126	10/28/2016
ELLSWORTH 1-19B4	43-013-30183	10/28/2016
ELLSWORTH 2-8B4	43-013-30898	10/28/2016
BROADHEAD 2-32B5	43-013-31036	10/28/2016
ELLSWORTH 2-17B4	43-013-31089	10/28/2016
HUNT 2-21B4	43-013-31114	10/28/2016
CEDAR RIM 8-A	43-013-31171	10/28/2016
MILES 2-3B3	43-013-31261	10/28/2016
MATTHEWS 2-13B2	43-013-31357	10/28/2016
HORROCKS 2-5B1E	43-047-32409	10/28/2016
FARNSWORTH 1-12B5	43-013-30124	10/28/2016
ELDER 1-13B2	43-013-30366	10/28/2016

**List of Wells or Sites (cont.):**

Well or Site	API #	Date of Inspection/Violation
POTTER 1-24B5	43-013-30356	10/28/2016
PETERSON 4-22C6	43-013-51163	10/28/2016
FARNSWORTH 1-13B5	43-013-30092	10/28/2016
BROTHERSON 2-35B5	43-013-30908	10/28/2016
WRIGHT 2-13B5	43-013-31267	10/28/2016
→ CHANDLER 1-5B4	43-013-30140	10/28/2016
ROBB 2-29B5	43-013-31130	10/28/2016
ERCANBRACK 3-14B1	43-047-54203	10/28/2016
OSTLER 7-20C4	43-013-53137	10/28/2016
HILL 4-28A1	43-013-53111	10/28/2016
BULLOCK 4-17C4	43-013-52900	10/28/2016
LINDSAY TRUST 4-18B4	43-013-52766	10/28/2016