

Verbal Approval By *LD*. 4-6-73

FILE NOTATIONS

Entered in NED File ✓
Location Map Plotted ✓
Card Indexed ✓

Checked by Chief *LD*
Approval Letter *4-11-73*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *9-20-73*

WW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected

Bond released
State or Fee Land

LOGS FILED

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

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1597' FNL and 2424' FEL Sec 18
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 4 miles SE of Altamont

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)
 1597' from sec line
 277' from property & lease line

16. NO. OF ACRES IN LEASE
 48

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
 12,900'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6066 GL (Ungraded)

22. APPROX. DATE WORK WILL START*
 4-13-73

5. LEASE DESIGNATION AND SERIAL NO.
 Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Babcock

9. WELL NO.
 1-18B3

10. FIELD AND POOL, OR WELDCAT
 Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SW/4 NE/4 Section 18-T 2S-R 3W

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

NW SW NE

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68#	300'	250 sx
12 3/4"	9 5/8"	40#	6,000'	600 sx
8 3/4"	7"	26#	10,800'	250 sx
6 1/8"	5" liner	18#	12,900'	275 sx

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

OK Exception for topography under Order in Cause 139-3/139-4. - *Bill Jarry*

Verbal Approval S.D. 4-6-73

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

24. SIGNED *K.A. Jordan* TITLE Division Operations Engr. DATE April 6, 1973

(This space for Federal or State office use)

PERMIT NO. 43-013-30219 APPROVAL DATE _____

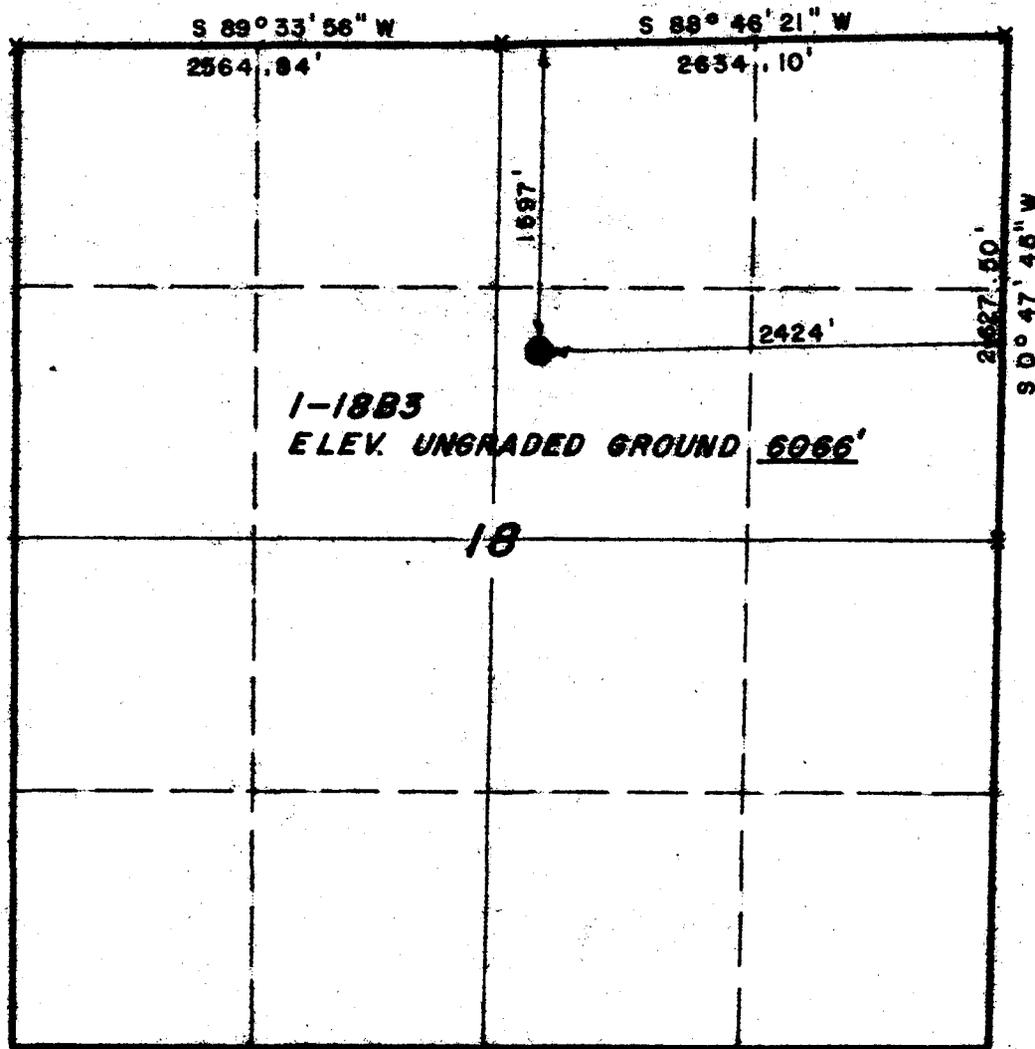
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

PROJECT
SHELL OIL COMPANY

Well location located as shown
in the SW 1/4 NE 1/4 Section
18, T2S, R3W, U.S.B.&M.
Duchesne County, Utah.



CERTIFICATE

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

James Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

X = Section Corners Located or Re-established

NOTE: Bearings are assumed but are relative.

SCALE 1" = 1000'	DATE 21 March, 1973
PARTY G.S. H.M. R.R.	REFERENCES GLO Plat
WEATHER Overcast - Cool	FILE SHELL 1973

Mud System Monitoring Equipment

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

BOP Equipment

300' - 6,000' - 3,000 psi hydril GH
6,000' - TD - 3-ram type BOP's and 1 bag type
5000# working pressure

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

Mud

Surface - 10,000' - Clear water
Circulate reserve pit
Flocculate as necessary

10,000' - TD - Weighted gel chemical

April 11, 1973

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No's:

Roper #1-14B3,
Sec. 14, T. 2 S, R. 3 W,
Reeder #1-17B5,
Sec. 17, T. 2 S, R. 5 W,
~~Babeock~~ #1-18B3,
Sec. 18, T. 2 S, R. 3 W,
Lawrence #1-30B4,
Sec. 30, T. 2 S, R. 4 W,
Broadhead #1-32B5,
Sec. 32, T. 2 S, R. 5 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted as per the following:

- #1-14B3: - Granted in accordance with the Order issued in Cause No. 131-14, dated August 11, 1971.
- #1-30B4: - Granted in accordance with the Order issued in Cause No. 139-3/139-4, dated June 24, 1971.
- #1-17B5 - Granted in accordance with the Order issued in Cause No. 139-3/139-4, dated June 24, 1971, paragraph D, providing for a topographical exception.
- #1-18B3
- #1-32B5

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

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

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

The API numbers assigned to these wells are as follows:

#1-14B3 - 43-013-30217; #1-17B5 - 43-013-30218;
#1-18B3 - 43-013-30219; #1-30B4 - 43-013-30220;
#1-32B5 - 43-013-30221

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

NOV 19 1973
WELD 1973

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

a. 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)
Gulf Oil Corporation

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 1597' FNL and 2424' FEL Sec 18
 At top prod. interval reported below
 At total depth

5. LEASE DESIGNATION AND SERIAL NO. Patented
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME Babcock
 9. WELL NO. 1-18B3
 10. FIELD AND POOL, OR WILDCAT Altamont
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW/4 NE/4 Section 18-T 2S-R3W

14. PERMIT NO. 43-013-30219 DATE ISSUED 4-9-73
 12. COUNTY OR PARISH Duchesne 13. STATE Utah
 15. DATE SPUNDED 4-16-73 16. DATE T.D. REACHED 5-30-73 17. DATE COMPL. (Ready to prod.) 7-20-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6060 GL, 6090 KB 19. ELEV. CASINGHEAD 24.5'

20. TOTAL DEPTH, MD & TVD 12,903 21. PLUG, BACK T.D., MD & TVD 12,885 22. IF MULTIPLE COMPL., HOW MANY*
 23. INTERVALS DRILLED BY
 ROTARY TOOLS Total
 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch & Flagstaff perms 10,664-12,782
 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHCS, GNL-FDC, 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#	311'	17 1/2"	400 SX	0
9 5/8"	40#	5,995'	12 1/4"	860 SX	0
7"	26#	10,600	8 3/4"	435 CF	0

29. LINER RECORD CF

SIZE	TOP (MD)	BOTTOM (MD)	CEMENT*	SCREEN (MD)
5"	10,403	12,901	420	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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

33.* PRODUCTION
 DATE FIRST PRODUCTION 7-20-73 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing
 DATE OF TEST 7-26-73 HOURS TESTED 24 CHOKE SIZE 10/64" PROD'N. FOR TEST PERIOD \rightarrow OIL—BBL. 343 GAS—MCF. 589 WATER—BBL. 8 GAS-OIL RATIO 1717
 FLOW. TUBING PRESS. 3400 CASING PRESSURE 0 CALCULATED 24-HOUR RATE \rightarrow OIL—BBL. 343 GAS—MCF. 589 WATER—BBL. 8 OIL GRAVITY-API (CORR.) 43.7° API

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. R. Jordan TITLE Division Operations Engr. DATE Oct. 29, 1973

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

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885. Flowing. On 24-hr test, flwd
339 BO, 10 BW and 619 MCF gas on 10/64" chk w/3450 psi
FTP and zero CP.

JUL 25 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885. Flowing. On 24-hr test, flwd
454 BO, 30 BW and 720 MCF gas on 10/64" chk w/3450 psi
FTP and zero CP. JUL 26 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885. Flowing. OIL WELL COMPLETE.
On 24-hr test, flwd 343 BO, 8 BW and 589 MCF gas on
10/64" chk w/3400 psi FTP and zero CP from Wasatch
and Flagstaff perms 10,664, 10,665, 10,676, 10,677,
10,678, 10,679, 10,683, 10,684, 10,685, 10,717, 10,718,
10,719, 10,723, 10,770, 10,771, 10,779, 10,780, 10,781,
10,782, 10,783, 10,784, 10,822, 10,823, 10,827, 10,840,
10,841, 10,845, 10,872, 10,894, 10,895, 10,896, 10,897,
10,915, 10,916, 10,937, 10,938, 10,939, 10,940, 10,947,
10,948, 10,954, 10,955, 11,097, 11,098, 11,099, 11,107,
11,108, 11,113, 11,119, 11,120, 11,121, 11,122, 11,141,
11,142, 11,143, 11,144, 11,145, 11,146, 11,147, 11,232,
11,233, 11,255, 11,256, 11,337, 11,378, 11,379, 11,390,
11,391, 11,392, 11,393, 11,418, 11,419, 11,496, 11,497,
11,498, 11,501, 11,502, 11,503, 11,504, 11,505, 11,520,
11,521, 11,522, 11,523, 11,597, 11,598, 11,599, 11,619,
11,620, 11,621, 11,622, 11,623, 11,624, 11,639, 11,640,
11,641, 11,759, 11,760, 11,768, 11,769, 11,770, 11,799,
11,800, 11,819, 11,820, 11,861, 11,862, 11,869, 11,870,
11,871, 11,889, 11,929, 11,930, 11,940, 11,941, 11,942,
12,000, 12,001, 12,002, 12,044, 12,045, 12,054, 12,055,
12,056, 12,057, 12,095, 12,099, 12,105, 12,106, 12,107,
12,117, 12,118, 12,119, 12,156, 12,157, 12,158, 12,285,
12,286, 12,287, 12,288, 12,314, 12,315, 12,316, 12,317,
12,367, 12,440, 12,441, 12,442, 12,474, 12,475, 12,476,
12,484, 12,510, 12,511, 12,512, 12,513, 12,514, 12,525,
12,526, 12,527, 12,542, 12,543, 12,549, 12,550, 12,577,
12,578, 12,640, 12,641, 12,642, 12,643, 12,644, 12,645,
12,646, 12,647, 12,690, 12,691, 12,692, 12,693, 12,694,
12,770, 12,771, 12,781, 12,782.

Oil Gravity: 43.7° API @ 60°F.

Compl Test Date: 7/26/73. Initial Prod Date: 7/20/73.

Elev: 6060 GL, 6090 KB.

Log Tops: TGR₃ 9,150 (-3060)
M₁ 10,470 (-4380)
M₃ 11,724 (-5634)
M₆ 12,880 (-6790)

This well was drilled for routine development.
FINAL REPORT. JUL 27 1973

CASING AND CEMENTING

FIELD ALTAMONT WELL BABCOCK 1-18B3 KB TO CHF 26.50'

Shoe jt started in hole 11 AM 5-1-73

Ran 147 jts 40# K-55 9 5/8" csg to 5995'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
147	40#	K-55	X	X	None rep.	0	5995'

147 jts Total

Halliburton fill collar at 5910

Halliburton guide shoe at 5995

No., Make and Type

4 B & W centralizers spaced every other jt from 5990 to 5743.

Cementing

Pipe stopped at 5785. Washed to bottom. Circ btms up. Pumped 10 bbls water ahead. Mixed 625 cu ft BJ lite, .4% R-5 (12.4# slurry), followed by 235 cu ft Class "G" cem, .4% R-5 (15.9# slurry). Displaced with 453 bbls mud. Did not bump plug. Float held ok. CIP 9:45 PM.

CASING AND CEMENTING

FIELD ALTAMONT WELL BABCOCK 1-18B3 KB TO CHF --

Shoe jt started in hole 5-14-73

Ran 258 jts 28# S-95 LT&C 7" csg to 10,600'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>LT&C</u>	<u>NEW</u>	<u>FROM</u>	<u>TO</u>
258	26#	S-95	X	X		10,600

258 jts Total

Halliburton fillup collar at 10,466

Halliburton fillup shoe at 10,600

No., Make and Type

6 B & W centralizers spaced every 2 jts from 10,590-10,084'

Cementing

Circ btms up. Pumped 10 bbls water ahead. Mixed 99 sx BJ lite (12.4# slurry) followed by 220 sx 15.9# slurry. Displaced with 411 bbls mud. Bumped plug. CIP 10 AM. Flood held ok w/1500 psi.

OIL WELL

SHELL OIL COMPANY-GULF-

ALTAMONT

FROM: 4-17 - 7-27-73

LEASE	BABCOCK	WELL NO.	1-18B3
DIVISION	ROCKY MOUNTAIN	ELEV	6090 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAHALTAMONT

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test

"FR" 280/50/1/280. Drilling. Dev: 1/2° @ 130'.
Located 1597' FNL and 2424' FEL, SW/4, NE/4, Section 18-
T2S-R3W, Duchesne County, Utah.
Elev: 6066 GL (ungraded) APR 17 1973
Shell Working Interest: 74.95%
This is a routine Wasatch development test.
Spudded 17½" hole @ 6 AM, 4/16/73. Repaired and changed
kelly drive bushing.

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

311/50/2/0. Nippling up. Dev: 1/4° @ 311'. Ran 7
jts 13-3/8, 68#, K-55, ST&C csg w/guide shoe @ 311' and
collar @ 270'. With 40 BW ahead, cmtd w/400 sx Class
"G" w/3% CaCl₂. Displaced w/40 BW. Bumped plug w/1000
psi, float held OK. CIP @ 2:20 PM. WOC, weld csg hd
and started to nipple up BOP. APR 18 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

1136/50/3/825. Drilling. Finished nippling up.
Drld FC and shoe. APR 19 1973
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

4/20: 2036/50/4/900. Drilling. Dev: 3/4° @ 1136'.
CO to btm.
4/21: 2870/50/5/834. Drilling. Dev: 3/4° @ 2136'.
Changed bit @ 2136.
4/22: 3507/50/6/637. Tripping. Dev: 3/4° @ 3507'.
Changed bits @ 2890 and 3507.
4/23: 4051/50/7/544. Circ. Changed bit @ 4051. APR 23 1973
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

4200/50/8/149. Drilling. Circ 100 bbl gel pill to
clean hole. Tripped out, x-over sub between 6½" DC's
and 8" DC. Twisted off. Ran overshot w/8" grapple -
failed to latch onto fish. Tripped in w/7-3/4" grapple -
failed to latch onto fish. Tripped in w/7-1/2" grapple
and latched onto fish, pulling out of hole w/same. Ran
bit and washed 180' to btm. APR 24 1973
Mud: Wtr

CASING AND CEMENTING

Field ALTAMONT Well BABCOCK 1-18B3

Job: 5" O.D. Casing/Liner Ran to 12,901 feet (KB) on 6-2, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					24.50	KB	CHF
						CHF	
	Hanger		SFJP	X	7.55	10,403.31	10,410.86
55	18#	N-80	SFJP	X	2,356.03	10,410.86	12,766.89
	18#	P-110 Float Collar	"	X	1.70	12,766.89	12,768.59
3	18#	N-80	"	X	130.13	12,768.59	12,898.72
	18#	P-110 Float shoe	"	X	2.28	12,898.72	12,901.00

Casing Hardware:

Float shoe and collar type Halliburton diff fill
 Centralizer type and product number B & W 12,500 B & W solid type (Circled)
 Centralizers installed on the following joints In hole 1, 3, 7, 10, 13, 18, 22, 26, 30, 34, 38, 42, 46, 51, 55, 57
 Other equipment (liner hanger, D.V. collar, etc.) Burns plain type hanger (circ grooves and holes)

Cement Volume:

Caliper type Sonic Caliper volume 272 ft³ + excess over caliper
5.5 ft³ + float collar to shoe volume 13.3 ft³ + liner lap 15.5 ft³
 + cement above liner 64 ft³ = 423 ft³ (Total Volume).

Cement:

Preflush-Water 10 bbls, other _____ Volume _____ bbls
 First stage, type and additives 420 sx Class "G", 30% silica flour, 1.5% D-31, .2% R-5
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume 290 sx. Pumpability 4 hours at 180 °F.
 Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate 3.5 to 4+ B/M
 Percent returns during job 100%
 Bumped plug at 2:15 AM with 2750 psi. Bled back 3/4 bbls. Hung csg with 32,000 lbs on slips hanger.

Remarks:

Pumped 10 bbls weighted (15.3) mud sweep ahead of cement. Attempted to use BJ DBS Blender. Same failed; had to mix cmt in tbg, wt varied from 15.1 ppg to 15.8 ppg. No densiometer was employed because of breakdown.

Drilling Foreman C. A. Simar
 Date 6-2-73

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

4710/50/9/510. Drilling. Dev: 3/4° @ 4543. Tripped
for new bit @ 4543. Washed 90' to btm. APR 25 1973
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

4993/50/10/283. Washing 750' to btm. Dev: 1° @ 4993.
Mud: (.431) 8.3 x 27 APR 26 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

5470/50/11/477. Drilling. Tripped in w/new bit and
washed to btm.
Mud: (.431) 8.3 x 27 APR 27 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

4/28: 5674/50/12/204. Drilling. Mixed 50-sk gel pill
to wipe hole @ 5586 - lost returns. Pulled 10 stds.
Bit plugged. Pulled 5 stds and unplugged bit. Washed
from 4900' to btm.

Mud: (.457) 8.8 x 31 x 14.8

4/29: 6000/50/13/326. Circ.

Mud: (.457) 8.8 x 42 x 10.8

4/30: 6000/50/14/0. Perf'g csg @ 5666. APR 30 1973 Made wiper
trip and circ btms up. Ran 142 jts 9-5/8" csg, stopping
on bridge @ 5793. CO and washed to 5863. Pipe plugged -
could not circ. RU to shoot 4 holes @ 5666.

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
13-3/8" csg @ 311'

6000/50/15/0. Tripping out for csg. Perf'd 4 holes
@ 5666 and circ. Pulled and laid down 9-5/8" csg.
Picked up DC, reamer and stab and CO fill from 5793-
6000. Circ hole clean for csg and started tripping
out.

Mud: (.468) 9.0 x 53 x 8.6

MAY 1 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

6000/50/16/0. Nippling up. Washed to btm from 5785-5995.
Ran 147 jts 9-5/8", 40#, K-55 csg w/shoe @ 5995 and FC
@ 5910. Circ btms up. With 10 BW ahead, cmt'd w/625 cu
ft B-J Lite w/0.4% R-5 (slurry 12.4 ppg). Tailed in w/
235 cu ft w/0.4% R-5 (slurry 15.9 ppg). Displaced w/453
bbls mud. Did not bump plug. Float held OK. CIP @
9:45 PM, 5/1. Nippled down and installed csg spool.
Tested spool to 2000 psi. Started nippling up. MAY 2 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

6060/50/17/0. Drilling. Finished nipping up. Press
tested BOP stack to 5000 psi. Drld FC, cmt and shoe and
tested csg to 2000 psi, OK. MAY 3 1973
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9 5/8" csg at 5995'

6615/50/18/555 Drilling. MAY 4 1973
Mud: Water

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

5/5: 7325/50/19/710. Drilling.
5/6: 8025/50/20/700. Drilling. MAY 7 1973
5/7: 8777/50/21/752. Drilling.
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

9230/50/22/453. Tripping in w/new bit. MAY 8 1973
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

9866/50/23/636. Drilling. Background gas: 35-40 units.
Connection gas: 45 units. MAY 9 1973
Mud: Wtr

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

10,215/50/24/349. Drilling. Lost 60 bbls mud @
10,140-10,160. Background gas: 200 units. Connection
gas: 300 units. MAY 10 1973
Mud: (.551) 10.6 x 40 x 7.4

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

10,355/50/25/140. Drilling. Gas show @ 10,248 w/mud
cutting from 10.8 to 10.0 for approx 1½ hrs. Circ out
GCM @ 10,260. Tripped for new bit @ 10,303 and washed
20' to btm. Dev: 3° @ 10,303. Lost 100 bbls mud last
24 hrs. Background gas: 150 units. Connection gas:
175 units. Trip gas: 1200 units. MAY 11 1973
Mud: (.598) 11.5 x 46 x 6.6

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
9-5/8" csg @ 5995'

5/12: 10,525/50/26/170. Drilling. Drld w/slow seepage into fm to 10,467 and drld from 10,467-10,497 w/excessive loss. Sptd LCM pill on btm. Pulled 5 stds, circ and rotated at reduced speed and waited for hole to heal. Went back to btm slowly and resumed drlg w/no mud loss. Lost 450 bbls mud past 24 hrs. Background gas: 1300 units. Connection gas: 1500 units.

Mud: (.629) 12.1 x 47 x 72 (20#/bbl LCM) (2% oil)

5/13: 10,600/50/27/75. Logging. Circ and cond mud to log for 4 hrs. Short tripped and pulled out of hole, making SLM, no correction. RU Schl. Schl generator went out. No mud loss. Background gas: 700-1400 units. Connection gas: 900-1500 units. Short trip gas: 1150 units.

Mud: (.629) 12.1 x 42 x 6.6 (15% LCM) (2% oil) MAY 14 1973

5/14: 10,600/50/28/0. Tripping in hole. Schl ran DIL and CNL-FDC from 5995-10,600 and BHCS from 0-10,600.

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

10,600/50/29/0. Circ. Tripped in and circ 5½ hrs. Laid down 5" DP and 7" DC's. Pulled wear bushing. RU and ran 258 jts 7", 26#, S-95 LT&C csg w/shoe @ 10,600' and fillup collar @ 10,466'.
Mud: (.629) 12.1 x 43 x 6.5 (2% oil) MAY 15 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

10,600/50/30/0. Picking up DC's. Circ btms up. With 10 BW ahead, cmtd csg w/135 cu ft B-J Lite w/0.4% R-5 (slurry 12.4 ppg) followed by 300 cu ft Class "G" w/ 0.4% R-5 (slurry 15.9 ppg). Displaced w/411 bbls mud. Bumped plug w/1500 psi, float held OK. CIP @ 10 AM, 5/15. Installed csg spool and tested to 3500 psi, OK. Changed pipe rams and tested BOP stack to 5000 psi. MAY 16 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

10,657/50/31/57. Tripping for new bit. Picked up DC's and DP. Drld cmt and tested csg to 2000 psi.
Mud: (.665) 12.8 x 42 x 8.0 MAY 17 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

10,796/50/32/139. Drilling. Tripped in w/new bit and CO to btm, circ hole.
Mud: (.670) 12.9 x 41 x 6.6 MAY 18 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg at 10,600'

5/19: 10,929/50/33/133 Drilling. Packed swivel. Chgd
out kelly. Background gas - 120 units, downtime gas -
600-800 units. No mud loss.

Mud: (.681) 13.1 x 42 x 6.4

5/20: 11,080/50/34/151 Drilling. Packed swivel.
Cleaned screen in drawworks. Background gas - 160
units, connection 400-1000 units. No mud loss.

Mud: (.702) 13.5 x 42 x 6.0

5/21: 11,247/50/35/167 Drilling. Checked flow.
Packed swivel. Background gas - 320 units, connection
500-550 units, mud loss 40 bbls.

Mud: (.717) 13.8 x 44 x 5.6 MAY 21 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg at 10,600'

11,404/50/36/157 Drilling. Packed swivel. BG gas -
60 units, Conn gas - 600-800 units. No mud loss.

Mud: 14.4 x 43 x 5.2 MAY 22 1973

Shell-Gulf -
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg at 10,600'

11,565/50/37/161 Drilling. Packed swivel. BG gas
60 units, conn gas - 700 units. Mud lost last 24
hrs - 200 bbls.

Mud: (.769) 14.8 x 43 x 5.6 MAY 23 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg at 10,600'

11,780/50/38/215 Drilling. BG gas 375 units,
connection gas 540 units, mud loss 150 bbls.

Mud: (.790) 15.2 x 42 x 6.2 MAY 24 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg at 10,600'

11,870/50/39/90 Drilling. Made trip for bit. Circ.
BG gas - 120 units, trip gas 2400 units.

Mud: (.795) 15.3 x 44 x 5.6 (LCM 5%) MAY 25 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

5/26: 12,080/50/40/210. Drilling. Packed swivel.
Background gas: 40 units. Connection gas: 200 units.
Downtime gas: 480 units. Lost 100 bbls mud.
Mud: (.795) 15.3 x 46 x 5.2 (5#/bbl LCM)
5/27: 12,276/50/41/196. Drilling. Slowed RPM and
slacked off on bit wt due to high torque. Background
gas: 80 units. Connection gas: 230 units.
Mud: (.795) 15.3 x 43 x 5.6
5/28: 12,453/50/42/177. Drilling. Background gas:
50 units. Connection gas: 200 units. No mud loss.
Mud: (.800) 15.4 x 44 x 5.8 (2% oil)
5/29: 12,695/50/43/242. Drilling. Background gas:
30-40 units. Connection gas: 60 units. No mud loss.
Mud: (.795) 15.3 x 45 x 6.0 (2% oil) MAY 29 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

12,900/50/44/205. Circ to log. Short tripped to
shoe. Circ 1 hr. No mud loss. Background gas: 60-80
units. Connection gas: 340 units. Short trip gas: 500
units w/mud cutting to 14.1.
Mud: (.795) 15.3 x 49 x 6.0 (2% oil) MAY 30 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

12,903/50/45/0. Tripping in to CO. Made 3' SLC:
12,900 = 12,903. RU Schl and ran DIL, CNL-FDC (no
good). Logging line parted while logging w/BHCS.
Tripped in w/WL spear and caught line. RU logging
truck and pulled line out, OK. Tripped in to CO.
(New logging truck on location.) MAY 31 1973
Mud: (.795) 15.3 x 49 x 6

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
7" csg @ 10,600'

12,903/50/46/0. Logging. Finished tripping in and
circ to log. Lost approx 100 bbls mud from tanks due
to leaky gate, repaired same. Tripped out to log. Ran
BHCS. Ran CNL-FDC - tool failed. Changed tool and
started rerunning same. Background gas: 50 units.
Trip gas: 800 units. JUN 1 1973
Mud: (.800) 15.4 x 46 x 6.2

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
5" liner @ 12,901'

6/2: 12,903/50/47/0. Running 5" liner. Finished running CNL-FDC. Ran DIL, OK. Logger's TD 12,902. Tripped in and CO. Circ and cond hole. Made SLM - no correction. Picked up and ran 58 jts 5", 18#, N-80, SFJ-P liner w/Burns liner hanger, rabbiting DP. Background gas: 50 units. Trip gas: 960 units. Mud: (.800) 15.4 x 48 x 6.0

6/3: 12,903/50/48/0. WOC. Finished tripping in w/liner, tagging btm. Circ out 1100 units w/btms up. With liner hung @ 12,901, B-J cmtd w/420 cu ft Class "G" w/30% Silica flour, 1.5% D-31 and 0.2% R-5. Bumped plug @ 2:15 PM, 6/2/73 w/2700 psi. Over displaced by 1 bbl. Floats held OK. Pulled 20 stds and slugged pipe. Laid down 26 DC's, 30 jts DP. Tripped in to 7000'± and circ while WOC. Mud: (.795) 15.3 x 46 x 6.4

6/4: 12,903/50/49/0. Tripping out. Tagged top of cmt @ 9146. DO cmt, tagging liner top @ 10,403. Circ out, filled annulus and tested csg to 1700 psi for 15 min, OK.

Mud: (.795) 15.3 x 46 x 8.6 JUN 4 1973

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,900' Wasatch Test
5" liner @ 12,901'

12,903/50/50/0. PB 12,885. Circ. Tripped in w/3-1/8" DC and 2-7/8" DP tagging liner top @ 10,403. DO Chevron packing from 10,409-10,410. Tripped in and tagged cmt @ 12,708. Drld cmt to 12,766, FC @ 12,766 and cmt from 12,768-12,885. Circ out, prep to test liner. JUN 5 1973
Mud: (.795) 15.3 x 47 x 6.8

Shell-Gulf-
Babcock 1-18B3
(D) Brinkerhoff #56
12,903' Wasatch Test
5" liner @ 12,901'

13,903/50/51/0. PB 12,885. Laying down DP. Circ out cmt. Tested liner to 1700 psi for 15 min, OK. Made inflow test, OK. JUN 6 1973
Mud: (.795) 15.3 x 47 x 6.8

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
5" liner @ 12,901'

TD 12,903. PB 12,885. MORT. Laid down 3 1/2" DP and DC's. Nippled down BOP. Installed 5 1/2" FBB hanger w/ BPV, tbg spool and master valve. Released rig @ 6 AM, 6/7/73. (RDUFA) JUN 7 1973

Shell-Gulf-
Babcock 1-18B3
(D) Western Oilwell
12,903' Wasatch Test
5" liner @ 12,901'

TD 12,903. PB 12,885. (RRD 6/7/73). Picking up tbg. MI&RU Western Oilwell Service Company rig #17 on 7/9/73.
JUL 10 1973

Shell-Gulf-
Babcock 1-18B3
(D) Western Oilwell
12,903' Wasatch Test
5" liner @ 12,901'

TD 12,903. PB 12,885. Picking up new tbg. Installed BOP and tested to 5000 psi. Picked up 4-1/8" bit, 2492' of 2-7/8" tbg work string, 7" Baker scraper and started picking up new tbg. JUL 11 1973

Shell-Gulf-
Babcock 1-18B3
(D) Western Oilwell
12,903' Wasatch Test
5" liner @ 12,901'

TD 12,903. PB 12,885. Circ out hvy gelled mud. Hit hvy gelled mud @ 10,420. Circ out to 11,600. JUL 12 1973

Shell-Gulf-
Babcock 1-18B3
(D) Western Oilwell
12,903' Wasatch Test
5" liner @ 12,901'

TD 12,903. PB 12,885. Setting pkr, prep to run 5 1/2" heat string. Circ out hvy mud from 11,600-12,885. Displaced mud w/250 gal B-J mud sweep followed by 500 BW followed by 150 gal B-J mud sweep and FW until returns clean. Sptd 45 bbls 2% salt wtr in liner. SI. Checked for flowback, OK. Press tested csg to 4500 psi, OK. Pulled tbg, bit and scraper. RU OWP and ran CBL, VDL and PDC logs from 12,885-8950. Held 3000 psi in csg while running CBL and VDL. Cmt top @ 8950'. Bonding good. JUL 13 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
5" liner @ 12,901'

TD 12,903. PB 12,885.
7/14: Running prod eqmt. Set Baker Model "D" pkr w/ flapper w/top @ 10,378. RD OWP. Changed out BOP rams to 5 1/2". Picked up and ran 5 1/2", 14# heat string w/Type I special turned down cplgs w/tail @ 4530. Installed 5 1/2" BPV, removed BOP, installed 10" 5000 x 6" 5000 psi tbg spool, installed BOP, changed rams to 2-7/8" and removed BPV. Tested to 5000 psi, OK. Started picking up prod eqmt.

7/15: SI, prep to perf on 7/17. Ran prod eqmt as follows (all tbg 2-7/8" EUE 8rd, N-80 and all mandrels Camco KBMG w/"E" type dummies w/Model "BK-2" latches): Baker Model "C" expendable plug holder w/Model "B" pushout plug in place - tested to 7500 psi w/tail @ 10,410, 30' 2-7/8" NU 10rd non-perf'd prod tube, Baker anchor seal assembly w/2 seals, Baker "EL" on-off connector w/2.313" Otis "N" profile w/2.255" no-go w/top @ 10,373, 4' sub, 7" centralizer, 2 jts tbg, mandrel #13HO w/top @ 10,300, 19 jts tbg, mandrel #7HO w/top @ 9705, 23 jts tbg, mandrel #43HO w/top @ 8986, 25 jts tbg, mandrel #2HO w/top @ 8205, 39 jts tbg, mandrel #1HO w/top @ 6990, 54 jts tbg, mandrel #5HO w/top @ 5310, 78 jts tbg, mandrel #7HO w/top @ 2897, 94 jts tbg (no subs). Landed tbg w/2000# set-down wt. Unlatched from on-off connector, circ trtd FW in annulus and sptd 2% NaCl wtr in tbg. Landed tbg and press tested to 7500 psi for 1 hr, losing 100 psi. Installed BPV, removed BOP, installed
(Continued)

(Continued)

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
5" liner @ 12,901'

10,000# Xmas tree and tested to 10,500#, OK. Removed BPV. Released rig @ 7 PM, 7/14/73. RU Archer Reed and knocked out Baker knock-out plug @ 10,410 and followed to PBT. RD Archer Reed.
7/16: SI, prep to perf. JUL 16 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885. SI, prep to perf. JUL 17 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885. Prep to AT. RU OWP and perf'd from top down unidirectionally using magnetic decentralized steel tube carrier gun w/JRC DP Sidewinder charges:
Run #1: 10,664, 10,665, 10,676, 10,677, 10,678, 10,679, 10,683, 10,684, 10,685, 10,717, 10,718, 10,719, 10,723, 10,770, 10,771, 10,779, 10,780, 10,781, 10,782, 10,783, 10,784, 10,822, 10,823, 10,827, 10,840, 10,841, 10,845, 10,872, 10,894, 10,895, 10,896, 10,897, 10,915, 10,916, 10,937, 10,938, 10,939, 10,940, 10,947, 10,948, 10,954.
Press from 200-350 psi. Run #2: 10,955, 11,097, 11,098, 11,099, 11,107, 11,108, 11,113, 11,119, 11,120, 11,121, 11,122, 11,141, 11,142, 11,143, 11,144, 11,145, 11,146, 11,147, 11,232, 11,233, 11,255, 11,256, 11,337, 11,378, 11,379, 11,390, 11,391, 11,392, 11,393, 11,418, 11,419, 11,496, 11,497, 11,498, 11,501, 11,502, 11,503, 11,504, 11,505, 11,520, 11,521. Press from 700-1000 psi. Run #3: 11,522, 11,523, 11,597, 11,598, 11,599, 11,619, 11,620, 11,621, 11,622, 11,623, 11,624, 11,639, 11,640, 11,641, 11,759, 11,760, 11,768, 11,769, 11,770, 11,799, 11,800, 11,819, 11,820, 11,861, 11,862, 11,869, 11,870, 11,871, 11,889, 11,929, 11,930, 11,940, 11,941, 11,942, 12,000, 12,001, 12,002, 12,044, 12,045, 12,054, 12,055. Press from 800-1200 psi. Run #4: 12,056, 12,057, 12,095, 12,099, 12,105, 12,106, 12,107, 12,117, 12,118, 12,119, 12,156, 12,157, 12,158. Gun malfunctioned. Ran to btm and spudded gun, attempting to correct malfunction - gun hung up. Pulled out of rope socket leaving in hole complete gun (28 guns not fired). Looking up is 1" OD x 1/2" long fishing neck, 1-7/16" OD x 1' long cable head, 1-11/16" x 18" long collar locator, 2-1/8" OD x 2-1/2" long top sub, 2" OD x 12" long gun barrel and 2-1/8" x 1/2" sub (total of 41' of subs and guns). Decentralized magnetic gun is 2" OD x 12" long. Top of gun @ 12,845. Starting and ending press on run #4 1500.
Run #5: 12,285, 12,286, 12,287, 12,288, 12,314, 12,315, 12,316, 12,317, 12,367, 12,440, 12,441, 12,442, 12,474, 12,475, 12,476, 12,484, 12,510, 12,511, 12,512, 12,513, 12,514, 12,525, 12,526, 12,527, 12,542, 12,543, 12,549,
(Continued)

(Continued)

Shell-Gulf-
Babcock 1-18B3

12,550, 12,577, 12,578, 12,640, 12,641, 12,642, 12,643,
12,644, 12,645, 12,646, 12,647, 12,690, 12,691, 12,692,
12,693, 12,694, 12,770, 12,771, 12,781, 12,782. Press
went to zero while working out of cable head. Press
from 700-1030 psi. RD OWP.

JUL 18 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885 (jk @ 12,845). Prep to flow to
pit to clean up. TP 2500 psi on 7/18. MI&RU B-J.
AT gross perms 10,664-12,782 w/55,000 gal 15% HCl.
Each 1000 gal contained 3 gal G-10, 3 gal C-15, 3 gal
J-22, 1# radioactive trtd sd, 30# OS-160 Wide Range
Unibeads and 30# Unibead Buttons. Flushed w/4400 gal
FW w/each 1000 gal containing 165# NaCl and 3 gal G-10.
Pmpd acid and ball sealers as follows: 22 bbls acid,
dropped one 7/8" RCN 1.24 gr ball sealer, 7 bbls acid,
dropped one ball. Repeated 7 bbls and 1 ball 180 times.
Pmpd 21 bbls acid and followed with flush. Max press
8900 psi, min 4650 psi, avg 6900 psi. Max rate 8 B/M,
min 4.5 B/M, avg 7.5 B/M. ISIP 5100 psi decr to 4400
psi in 5 min to 3950 psi in 10 min to 3900 psi in 15
to 3800 psi in 20 min. Good ball and bead action.
Breaks from 100-1600 psi. RD B-J. RU OWP and ran
GR log from 12,800-10,300. Log indicated 7 zns not
taking fluid (five btm zns plus two w/1 hole each).
Log also indicated fluid gone from 10,664-10,555
w/full scale reading from 10,555-10,460. RD OWP. JUL 19 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885 (jk @ 12,845). Flowing. TP on
7/19: 3100 psi. Flowed to pit. 5 hrs on 64/64" chk,
flwg est 400 BO, 600 BW (GOR 1000) w/900-850 psi FTP.
Last hr, flwd est 180 BO, 20 BW (GOR 1000) on 64/64"
chk w/850 psi FTP. SI w/press incr from 3100 to 3300
psi in 25 min. Turned to tank battery. SI @ approx
3 AM. JUL 20 1973

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885 (jk @ 12,845). Flowing. On
various tests, well flwd as follows:
Report JUL 23 1973

Date	BO	BW	MCF Gas	Chk	FTP	CP	Hrs
7/21	151	47	120	10/64"	3500	0	10
7/22	584	9	842	10/64"	3650	0	24
7/23	762	20	796	10/64"	3500	0	24

Shell-Gulf-
Babcock 1-18B3
(D)
12,903' Wasatch Test
KB 6090'
5" liner @ 12,901'

TD 12,903. PB 12,885 (jk @ 12,845). Flowing. On 24-hr
test, flwd 492 BO, 15 BW and 781 MCF gas on 10/64" chk
w/3500 psi FTP and zero CP. JUL 24 1973

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 1597' FNL & 2424' FEL Section 18		8. FARM OR LEASE NAME Babcock
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6090 KB	9. WELL NO. 1-18B3
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 18-T2S-R3W
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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) _____	

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

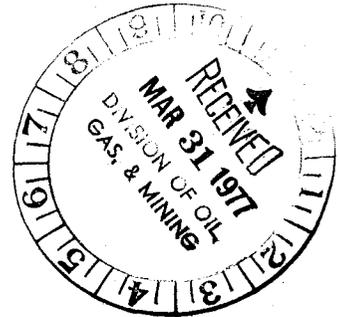
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

See attachment

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: April 1, 1977

BY: P. H. [Signature]



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

SIGNED [Signature] TITLE Div. Opers. Engr. DATE 3/30/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

ACID TREAT
SHELL-GULF

FROM: 3/30/77

LEASE	BABCOCK	WELL NO.	ALTAMONT 1-18B3
DIVISION	WESTERN	ELEV	6090 KB
COUNTY	DUCHESNE	STATE	UTAH

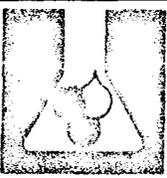
UTAH

ALTAMONT

Shell-Gulf-
Babcock 1-18B3
(AT)

"FR" TD 12,903. PB 12,885. AFE provided funds to AT. MI&RU HOT & WL 3/25/77. RIH w/std'g valve & seated in no-go nip. Tested tbg to 3000 psi w/o any bleed off. Pulled SV & RD WL & HOT. 3/26 BJ bullheaded 65 bbls 15% HCl wt'd inh'd acid down tbg. Pmp'd 30 bbls prod wtr down tbg & well went on vac. Pmp'd 65 bbls 15% HCl acid foll'd w/65 BW. Allowed well to set 1 hr & pmp'd another 65 BW to displ liner vol by 1.5 times. SI overnight. 3/27 SITP 50 psi. Opened well & cleaned up acid wtr to pit. Well started prod'g oil & turned well to bty & started gas lift'g. Returned well to prod 11:30 a.m. 3/27. In 22 hrs well prod 247 BO, 473 BW. 3/28 well prod 150 BO & 419 BW on gas lift.
FINAL REPORT

MAR 30 1977



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2237
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 5-2-75
 RESULTS REPORTED 5-5-75

SAMPLE DESCRIPTION
 COMPANY Shell Oil Company LEASE _____ FIELD NO. _____
 FIELD _____ COUNTY _____ STATE _____ WELL NO. 1-18B3
 SAMPLE TAKEN FROM _____
 PRODUCING FORMATION Wasatch TOP Sec 18-25-3W
 REMARKS _____

SAMPLE TAKEN BY Tom Green

CHEMICAL AND PHYSICAL PROPERTIES

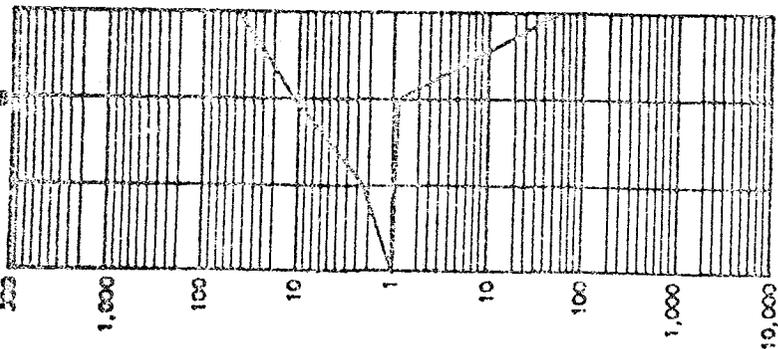
SPECIFIC GRAVITY @ 60/60° F. 1.0086 pH 8.51 RES. 15.0 CHM METERS @ 77°F

TOTAL HARDNESS 59.35 mg/L as CaCO₃ TOTAL ALKALINITY 732.0 mg/L as CaCO₃

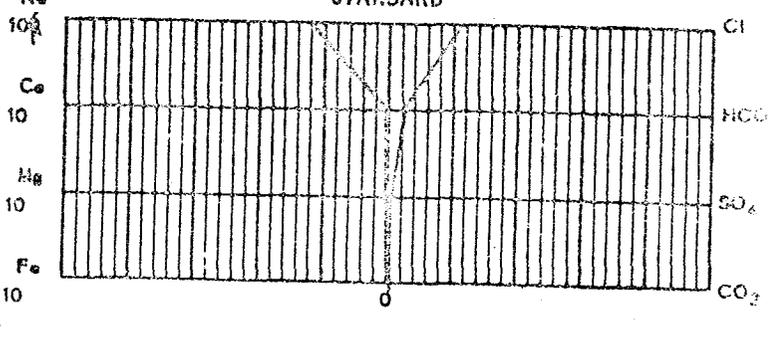
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ⁺⁺	20.9	1.05		
MAGNESIUM - Mg ⁺⁺	1.43	0.12		
SODIUM - Na ⁺	1399.0	60.83		
BARIUM (INCL. STRONTIUM) - Ba ⁺⁺	0	0		
TOTAL IRON - Fe ⁺⁺ AND Fe ⁺⁺⁺	0.70	0.03	52.03	
BICARBONATE - HCO ₃ ⁻	704.0	11.54		
CARBONATE - CO ₃ ⁻⁻⁻	28.0	0.93		
SULFATE - SO ₄ ⁻⁻⁻	123.0	2.56		
CHLORIDE - CL ⁻	1999.2	56.32	71.35	
TOTAL DISSOLVED SOLIDS	3240			

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST _____

CHECKED _____

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Shell Oil Company</p> <p>3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1597' FNL & FEL Section 18</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME CA 96-84</p> <p>8. FARM OR LEASE NAME Babcock</p> <p>9. WELL NO. 1-18B3</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 NE/4 Section 18-T2S-R3W</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6090 KB</p>	

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

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

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

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

See Attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: May 3, 1978

BY: [Signature]



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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

(AT)

SHELL-GULF

LEASE BABCOCK

WELL NO. 1-18B3

DIVISION WESTERN

ELEV 6090 KB

FROM: 2/24 - 3/29/78

COUNTY DUCHESNE

STATE UTAH

UTAH

ALTAMONT

Shell-Gulf-
Babcock 1-18B3
(AT)

"FR" TD 12,903. PB 12,885. AFF #427187 provides funds to acid treat the well. MI&RU pmp trk & AT as folls: Pmp'd 30 bbls prod wtr down tbg. Pmp'd 65 bbls wt'd & gelled acid & foll'd w/65 bbls prod wtr. Allowed acid to react 1 hr & pmp'd another 65 bbls prod wtr. SI well overnight. Max rate 10 B/M, min 6. Max press 2800 psi, min 200. All acid contained (in add'n to wt'g material) 3 gals C15/1000 & 3 gals J22/1000.
FEB 24 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. Gauge not available.
FEB 27 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. Gauge not available.
FEB 28 1978

Shell-Gulf-
Babcock 1-18B3
(AT)
Shell-Tennec

TD 12,903. PB 12,885. On 24-hr test, prod 169 BO, 528 BW, 1210 MCF gas w/1180 psi inj press.
MAR 01 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, prod 109 BO, 643 BW, 1317 MCF gas w/210 psi.
MAR 02 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On various tests, gas lifted:

Date	Hrs	BO	BW	MCF Gas	Inj Press
2/27	24	128	535	1477	1180
2/28	24	136	444	1484	1180
3/1	24	120	530	1469	1180

MAR 03 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 111 BO, 424 BW, 1160 MCF gas w/1180 psi inj press.
MAR 06 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
3/3	24	119	485	1190	1180
3/4	24	119	0	1129	1180
3/5	24	128	503	1543	1180

MAR 07 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 129 BO,
603 BW, 1788 MCF gas w/1180 psi inj press. MAR 08 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 93 BO,
563 BW, 1481 MCF gas w/1180 psi inj press. MAR 08 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 127 BO,
423 BW, 1470 MCF gas w/1180 psi inj press. MAR 10 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 156 BO,
386 BW, 1300 MCF gas w/1180 psi inj press. MAR 13 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 152 BO,
535 BW, 1306 MCF gas w/1180 psi inj press. MAR 14 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 203 BO,
298 BW, 1280 MCF gas w/1180 psi inj press. MAR 15 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 20-hr test, gas lifted 99 BO,
0 BW, 870 MCF gas w/1180 psi inj press. MAR 16 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. 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>
3/13	24	130	539	1527	1180
3/14	24	143	445	908	1180
3/15	24	73	392	1047	1180

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 171 BO,
549 BW, 1350 MCF gas w/1180 psi inj press. MAR 20 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 144 BO,
459 BW, 1346 MCF gas w/1180 psi inj press. MAR 21 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 135 BO,
397 BW, 1214 MCF gas w/1180 psi inj press. MAR 22 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. 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>
3/19	24	185	471	1396	1180
3/20	24	150	457	1885	1180
3/21	24	161	298	909	1180

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 145 BO,
157 BW, 1461 MCF gas w/1180 psi inj press. MAR 27 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. On 24-hr test, gas lifted 149 BO,
25 BW, 1020 MCF gas w/1180 psi inj press. MAR 28 1978

Shell-Gulf-
Babcock 1-18B3
(AT)

TD 12,903. PB 12,885. Prior to work, well prod an avg
of 130 BO, 448 BW per day w/ an avg lift of 700 MCF gas
inj. After work, well prod an avg of 140 BO, 260 BW per
day w/an avg lift of 745 MCF/D gas inj. MAR 29 1978
FINAL REPORT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. PATENTED
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 831 Houston, Tx 77001 ATTN: P.G. GELLING RM# 6461 WCK		7. UNIT AGREEMENT NAME CA 96-84
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1597' FNL & 2424' FEL SEC. 18		8. FARM OR LEASE NAME Zabecek
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6090' KB	9. WELL NO. 1-18B3
		10. FIELD AND POOL, OR WILDCAT ALTAMONT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW 1/4 NE 1/4 T2S R3W
		12. COUNTY OR PARISH DUCHESSNE
		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.)*

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6-30-81
BY: M. J. Munday

[Signature]
JUN 28

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED D.A. Landis TITLE STAFF PROJ. ENGINEER DATE 6-15-81

(This space for Federal or State office use)

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

REMEDIAL PROGNOSIS
BABCOCK 1-18B3
SECTION 18, T2S, R3W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's share: 74.95%

Elevation (KB): 6090'
Elevation (GL): 6066'
TD: 12903'
PBD: 12885' (12845 Junk)
Casing: 13-3/8", 68#, K-55 to 311'; 9-5/8", 40#, K-55 to 5995'; 7", 26#, S-95 to 10,600'
Liner: 5", 18#, N-80; Top at 10403', bottom at 12901'
Tubing: 2-7/8", EUE, 6.5#, N-80 to 10,378'
Packer: 7" Baker Model D at 10,378'
Perforations: 10,664' - 12,782' (183 holes)
Artificial Lift: Gas lift.
Objective: CO, perforate, and stimulate the Wasatch.

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.
2. Pull tubing and seals, laying down gas lift mandrels while coming out.
3. RIH and mill out Baker 7" Model "D" at 10,378'. CO 5" liner to 12845' (PBD).
4. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
 - a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120° phasing.
 - b. Record and report well head pressure before and after each run.
 - c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment I. Depth reference is OWP's GR/CBL dated 7-13-75.
5.
 - a. If well can be controlled with water after perforating, run a 5" fullbore packer on tubing and set at \pm 11,660'. Test tubing to 6500 psi.
 - b. If well cannot be controlled with water after perforating, lubricate in a 5" Model "FA-1" packer with Model "B" expendable plug in place and set at \pm 11,660'. Run in with latch-in seal assembly. Latch into packer at \pm 11,660' and pressure test tubing to 6500 psi. Run in with sinker bars and jars on wireline and knock out expendable plug from packer at \pm 11,660'. Continue to Step 6.
6. Acid treat perms 12,782'-11,689' (222 new, 79 old) with 30,000 gallons of 7-1/2% HCL as follows:

- a. Pump 1000 gallons acid.
- b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 100 gallons.
- c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
- d. Repeat Step (b) 5 more times and Step (c) 4 more times for a total of 6 stages acid and 5 of diverting material (total 30,000 gallons acid and 200 ball sealers).
- e. Flush with 110 bbls of clean produced water.

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

7. Run RA log from PBD to 11,600'.
8.
 - a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 9.
 - b. If well does not flow, continue with Step 9.
9.
 - a. If a 5" fullbore packer was used in Step 5, POOH with tubing and packer. RIH with 5" RBP and 5" fullbore packer. Set RBP at 11,660'±. Pressure test to 3000 psi. If okay, spot 1 sack of sand on plug (at field's discretion).
 - b. If a 5" Model "FA-1" packer was used in Step 5, POOH with tubing. RIH with Model "D" latching plug. Pressure test plug to 3000 psi. If okay, spot 1 sack of sand on plug (at field's discretion).
10. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
 - a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120°F phasing.
 - b. Record and report wellhead pressure before and after each run.

- c. Perforate (from bottom up) 3 shots per foot at depths shown on Attachment II. Depth reference is OWP's GR/CBL dated 7-13-73.
11. a. If well can be controlled with water after perforating, run a 7" fullbore packer on tubing and set at $\pm 10,380'$. Test tubing to 6500 psi.
- b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer (with flapper) and set at $\pm 10,380'$. Run tubing, latch into packer, and put well on production.
12. Acid treat perfs 11,636'-10,646' (165 new, 104 old) with 25,000 gallons of 7-1/2% HCL as follows:
- a. Pump 1000 gallons acid.
- b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 100 gallons.
- c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
- d. Repeat Step (b) 4 more times and Step (c) 3 more times for a total of 5 stages acid and 4 of diverting material (total 25,000 gallons acid and 200 ball sealers).
- e. Flush with 110 bbls of clean produced water.

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

13. Run RA log from $\pm 11,660'$ to $\pm 10,300'$.
14. a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 15.
- b. If well does not flow, continue with Step 15.

- 15. a. If a 7" fullbore packer was used in Step 11, POOH with tubing and packer.
- b. If a 7" Model "D" packer was used in Step 11, POOH with tubing and seals. RIH and mill out 7" Model "D".
- 16. a. If an RBP was used in Step 9a, circulate sand (if necessary) and retrieve BP. Proceed to Step 17.
- b. If a 5" Model "FA-1" packer with Model "D" latching plug was used in Step 9b, RIH and retrieve latching plug. RIH in and mill out 5" Model "FA-1" packer. Proceed to Step 17.
- 17. RIH with tubing, GL mandrels, and 7" packer. Set packer at $\pm 10,380'$. Install GL mandrels as shown in Attachment III.
- 18. Return well to production.
- 19. Report well tests on morning report until production stabilizes.

G. L. Thompson

Date

SPT:KW

MEB
2-5-81

Attachment - I

Depth reference is OWP's CBL/GA dated 7-13-78.

12782	12366	12026
771	349	010
756	326	12000
727	314	11991
718	289	970
707	282	962
690	270	940
644	241	928
638	217	910
627	207	887
576	198	868
552	178	860
546	168	831
525	154	818
510	144	804
498	136	797
482	116	780
473	105	765
458	098	757
450	093	744
439	080	734
427	075	727
414	064	714
374	055	707
	043	689

Total 222 perforations (338 PF at 74 depths)

ATTACHMENT II

Depth reference is OWP's CELIGR dated 7-13-75.

11635	11184.	11803
617	157	889
593	139	878
542	136	866
528	116	852
455	107	839
427	101	830
413	095	821
375	052	817
349	034	796
333	008	775
309	11000	764
299	10982	717
250	960	712
239	949	699
227	942	678
216	932	671
206	910	658
		646

Total 165 perforations (33RF at 55 depths)

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

SUBMIT **TRIPPLICATE***
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR SHELL OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR P.D. Box 831 HOUSTON, TX 77001 ATTN: P.G. GELLING RM. # 6459 WCK</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1597' FNL + 2424' FEL Sec. 18</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. PATENTED</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME CA 96-84</p> <p>8. FARM OR LEASE NAME Babcock</p> <p>9. WELL NO. 1-1883</p> <p>10. FIELD AND POOL, OR WILDCAT ALTAMONT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW1/4 NE1/4 T2S R3W</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6090' KB</p>	<p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE UTAH</p>

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

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

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

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

SEE ATTACHED

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

SIGNED *W. F. N. KellDore* TITLE DIVISION PROD. ENGINEER DATE 8-20-81
W. F. N. KELLDORE
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

ALTAMONT OPERATIONS
 DAILY COMPLETIONS AND REMEDIALS REPORT
 WELL HISTORY FOR WELL 350
 ISSUED 07/02/81

WELL: BABCOCK 1-18B3
 LABEL: FIRST REPORT
 AFE: 513437
 FOREMAN: K.C. LAROSE
 RIG: WCV #19
 OBJECTIVE: C.C. - PERFORATE AND STIMULATE
 AUTH. AMNT: 136000
 DAILY COST: 9400
 CUM COST: 9400
 DATE: 4-24 AND 4-25-81
 ACTIVITY: 4-24-81 STATUS: AFE # 513437 FOR 136000 IS TO C.C. -
 02 PERFORATE AND STIMULATE THE WASATCH. FIRST REPORT.
 03 4-24-81 STATUS: MIRU - TOOK 5000# TREE OFF - INSTALLED
 04 BOPS - STUNG OUT OF PACKER. POOH WITH 2 7/8 IN.
 05 TUBING WHILE LAYING DOWN GAS LIFT MANDRELS - WELL
 06 HAS 5 1/2 IN. HEAT STRING - TOOK BOPS OFF AND 5 1/2 IN.
 07 SPCOL - INSTALLED 10 IN. BOPS - PULLED 5 1/2 IN.
 08 HEAT STRING UP OUT OF THE HANGER. SDFN
 09 4-25-81 STATUS: HAD CASING CREW OUT - POOH WITH
 10 107 JOINTS OF 5 1/2 IN. HEAT STRING - LAYING IT
 11 DOWN - TOOK 10 IN. BOP OFF - INSTALLED BOP - PUT ON
 12 PACKER PLUCKER - RIF SDFN

LABEL: -----
 DAILY COST: 3500
 CUM COST: 12900
 DATE: 4-27-81
 ACTIVITY: 4-27-81 STATUS: RIF - MILLED 7 IN. MODEL D PACKER
 02 CUT - POOH - PUT ON A 4 1/8 IN. MILL AND WASH PIPE -
 03 RIF - STAYED ABOVE LINER TOP. SDFN

LABEL: -----
 DAILY COST: 6050
 CUM COST: 25500
 DATE: 4-28 AND 4-29-81
 ACTIVITY: 4-28-81 STATUS: RUN IN LINER ONLY GOT 3 FT. TAGGED
 02 OUT - TRIED TO GET CIRCULATION WITH RIG PUMP
 03 COULDN'T GET IT - RIG UP DOWELL PUMP TRUCK - GOT
 04 CIRCULATION - MILLED DOWN 320 FT. - SPOTTED ACID -
 05 PULLED UP OUT OF LINER. SDFN
 06 4-29-81 STATUS: RUN BACK IN LINER. RIG UP PUMP

ALTA MONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 07/02/81

07 TRUCK - PUMP WATER DOWN TUBING - DISPLACED ACID OUT
 08 OF LINER - TRIED TO GET CIRCULATION - COULDN'T GET
 09 IT. DRCP ACID FLAKES DOWN HOLE AND PUMP WITH WATER
 10 STILL DIDN'T HELP. RIG UP POWER SWIVEL - MADE DOWN
 11 2 JOINTS - WOULDN'T GO ANY FURTHER - PULLED UP OUT
 12 OF THE LINER - RUN BACK IN - SPOTTED ACID FLUSHED
 13 WITH WATER . POOH - TOOK WASH PIPE OFF - PUT ON A
 14 4 1/16 IN. FLAT BOTTOM MILL - R/H - STAYED ABOVE
 15 THE LINER. SDFN

LABEL: 810501
 DAILY COST: 3750
 CUM COST: 29250
 DATE: 4-30-81
 ACTIVITY: 4-30-81 STATUS: RUN IN LINER TAGGED OUT PICKED
 02 UP STARTED PUMPING WATER RIG UP POWER SWIVEL
 03 STARTED MILLING MILLED DOWN TO 12351 FT. MADE
 04 1345 FT. PULLED UP OUT OF THE LINER SECURED WELL
 05 SDFN

LABEL: -----
 DAILY COST: NONE
 CUM COST: 29250
 DATE: 5-1 AND 5-2 AND 5-3-81
 ACTIVITY: 5-1-81 STATUS: RIG BROKE DOWN - ALL DAY - NO COST.
 02 5-2-81 STATUS: RIG BROKE DOWN - ALL DAY - NO COST.
 03 5-3-81 STATUS: SUNDAY SHUTDOWN.

LABEL: -----
 DAILY COST: 3600
 CUM COST: 32850
 DATE: 5-4-81
 ACTIVITY: 5-4-81 STATUS: RUN IN LINER WITH 4 1/16 IN. FLAT
 02 BOTTOM MILL - TAGGED SCALE @ 12400 FT. - MILLED
 03 DOWN TO 12825 FT. - PULLED UP OUT OF LINER -
 04 TUBING WAS FULL OF OIL - SWAB OIL TO BIT - FULL
 05 TUBING OUT OF THE HOLE - HAD ONE JOINT OF TUBING
 06 FULL OF SCALE - S.D.F.N.

LABEL: -----
 DAILY COST: 16750
 CUM COST: 49600

ALTIAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 07/02/81

DATE: 5-5-81
ACTIVITY: 5-5-81 STATUS: RIG UP OWP - RIH WITH 3 1/8 IN.
02 CASING GUN - SHOT FROM 12782 TO 12374 AS PRCG
03 CALLED FOR - 3 SHOTS PER FOOT - 24 STOPS @ 72 NEW
04 HOLES. POOH - PRESSURE WAS 0# @ START AND 0# @ END.
05 PUT ON SECOND GUN - RIH - SHOT FROM 12366 TO 12026
06 AS PRCG CALLED - 26 STOPS @ 78 NEW HOLES - 0# @
07 START AND 0# @ END. POOH - PUT ON THIRD GUN - RIH
08 SHOT FROM 12010 TO 11689 AS PRCG CALLED FOR - 24
09 STOPS @ 72 NEW HOLES - 0# @ START AND 0# @ END.
10 POOH - RIG OWP DOWN - PUT ON A 5 IN. FULLBORE
11 PACKER. RUN IN 2100 FT. TUBING. S.D.F.N.

LABEL: -----
DAILY COST: 3250
CUM COST: 52850

DATE: 5-6-81
ACTIVITY: 5-6-81 STATUS: RIH WITH 5 IN. FULLBORE PACKER AND
02 TUBING. TRIED TO SET PACKER - WOULDN'T SET - POOH
03 PUT ON A NEW 5 IN. FULLBORE - RIH - SET PACKER @
04 11665 FT. WITH 15000# TENSION - HUNG TUBING OFF -
05 TOOK BOPS OFF - INSTALLED 10000# FRACK TREE. S.D.F.N.

LABEL: -----
DAILY COST: 53600
CUM COST: 106450

DATE: 5-7-81
ACTIVITY: 5-7-81 STATUS: PUMP WATER DOWN BACK SIDE TRIED TO
02 FILL IT UP - WOULDN'T FILL UP. RIG UP DCWELL ACIDIZED
03 WELL WITH 33000 GALS. OF 7 1/2 PERCENT ACID - 200
04 BALL SEALERS - 3500 # B.A.F. - DONE IN 6 STAGES -
05 PUMP 110 BBL. OF FLUSH WATER. I.S.T.F. -1500 #
06 5 MIN-1300 # 10 MIN-900 # 15 MIN -770 # 20 MIN-500 #
07 MAX RATE-18.8 BBL. A MIN @ 7200 # PSI AVG RATE-
08 12 B.P.M. MAX PRESS -7500 # AVG PRESS-1300 #
09 CASING PRESS-1300 # HAD TWO PUMPS ON THE BACK SIDE.
10 RIG DCWELL DOWN. S.D.F.N.

LABEL: -----
DAILY COST: 7250
CUM COST: 119450
DATE: 5-8 AND 5-9-81

ALTA MONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 07/02/81

ACTIVITY: 5-8-81 ACTIVITY: RIG UP CWP AND RUN RA LOG.
02 RELEASE PKR. AND COME OUT OF HOLE WITH 5 IN.
03 FULLBORE AND TBG. AT 11665 FT. SET UP TO PERF.
04 NEXT DAY. S.D.C.N.
05 5-8-81 DAILY COST 5750 CUM. COST 112200.
06 5-9-81 ACTIVITY: RIG UP CWP. RIH AND SET CAST
07 IRON BRIDGE PLUG AT 11660 FT. MADE TWO RUNS W/3
08 1/8 IN. PERFORATING GUNS. SHOT ACCORDING TO AFE
09 SHEET STARTING AT 11635 AND SHOT THE LAST ONE AT
10 10646 FT. TOTAL OF 165 PERFORATIONS AT 55
11 DEPTHS. NO PSI CHANGE AFTER EACH RUN. RIG
12 DOWN CWP. RIH WITH 7 IN. FULLBORE PKR. AND TBG.
13 SET PKR. AT 10380 FT. TRIED TO PSI UP BACKSIDE
14 BUT COULD ONLY PSI UP TO 1000 # S.D.C.N.

LABEL: -----

DAILY COST: 5150
CUM COST: 124600
DATE: 5-11-81
ACTIVITY: 5-11-81 ACTIVITY: MOVE THE PKR. UP THE HOLE
02 300 FT. SET PKR. AND PRESSURE TEST BACKSIDE.
03 PRESSURED UP TO ONLY 1300# AND PSI. WOULD NOT
04 HOLD. POOH WITH 7 IN. PKR. AND TBG. SET PKR.
05 SIX TIMES WHILE COMING OUT OF HOLE AND PSI. TEST
06 BACKSIDE. FINALLY PRESSURED UP BACKSIDE WHEN SET
07 PKR. AT 5000 FT. RIG UP MCCULLOUGH TO RUN 7 IN. CSG
08 LOG. LOGGED 7 IN. CSG. FOUND CSG. SPLIT AT
09 7430 FT. RIG DOWN MCCULLOUGH. S.D.C.N.

LABEL: -----

DAILY COST: 7800
CUM COST: 7800
DATE: 5-12 AND 5-13-81
ACTIVITY: 5-12-81 ACTIVITY: RIG STANDING BY. WAITING FOR
02 DECISION CONCERNING CSG.
03 5-13-81 ACTIVITY: RIG UP CWP. RIH AND SET 5 IN.
04 CAST IRON BP AT 10500 FT. RIG DOWN CWP. RIH WITH
05 TUBING TO 10495 FT. START CIRCULATING HOLE WITH
06 450 BBL. OF MUD. CIRCULATED HOLE 4 1/2 HOURS.
07 MUD WEIGHT WAS 10.4 AND VIS 38. POOH WITH TUBING.
08 SDON. AFE IS BEING PREPARED FOR THIS CSG JOB.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350

ISSUED 07/02/81

LABEL: -----
DAILY COST: 11200
CUM COST: 27000
DATE: 5-14 AND 5-15 AND 5-16-81
ACTIVITY: 5-14-81 ACTIVITY: REMOVE 6 IN. BOP. INSTALL 10 IN.
02 BOP. SET UP CSG JACKS FC R FOUR STAR. START PULLING
03 ON 7 IN. CSG WITH CSG JACK. PULLED 250000# BEFORE
04 CSG STARTED MOVING. 7 IN. SLIPS WOULD NOT COME AS
05 7 IN. STARTED MOVING. PUMPED MORE MUD DOWN 7 IN.
06 TO RELIEVE GAS PCKETS. WELDED SLIPS TO 7 IN. TO
07 GET SLIPS OUT OF HOLE. PULLED ON 7 IN. AGAIN AND
08 GOT SLIPS OUT OF HOLE. PULLED SEVERAL TIMES ON 7 IN.
09 WITH UPWARDS OF 400000#. CSG STILL NOT COMING WITH
10 EASE. QUIT PULLING ON 7 IN. CSG. SET UP WELLHEAD
11 TO PUMP WATER AND MUD DOWN 7 IN. AND CIRCULATE BACK
12 UP 5 5/8 IN. PUMPED 1000 BBC DOWN 7 IN. BUT COULD
13 NOT GET CIRCULATION.
14 5-15-81 ACTIVITY: LEFT WELL OPEN TO PIT. RECOVERED
15 MUD AND WATER. WAITED FOR DIA-LOG TO ARRIVE ON
16 LOCATION. RIG UP DIA-LOG TO RUN CSG. RUN LOG FROM
17 6500 FT. TO 8500 FT. CONFIRMED HOLE IN CSG AT 7430 FT.
18 RIG DOWN DIA-LOG. SDON
19 5-16-81 ACTIVITY: RIG UP DIA-LOG TO RUN FREE-POINT.
20 FREE-POINT HOLE AND FOUND CSG FREE ALL THE WAY TO
21 7280 FT. FROM 7280 FT. TO 7430 CSG WAS STUCK. RIG
22 DOWN DIA-LOG. SDON

LABEL: 810519
DAILY COST: 5550
CUM COST: 32550
DATE: 5-18-81
ACTIVITY: 5-18-81 ACTIVITY: PULLED 7 IN. CSG UP W/CSG JACKS
02 TO PUT 7 IN. SLIPS IN PULLED OFF BOP AND RUN IN
03 HOLE WITH 7 IN FULLBORE PACKER AND 1 JT TBG HANG
04 OFF 7 IN. CSG WITH 240000 LBS (WEIGHT OF CSG
05 193000) REMOVE CSG JACKS AND 10 IN BOP CLEANED
06 UP WELLHEAD AND HAD WELDER CUT OFF 7 IN. CSG PULLED
07 OUT PACKER AND PUT ON 10 IN. X 6 IN. SPOOL AND BOP
08 HAD CAMERON PACK OFF 7 IN. 7 IN. WOULD NOT PACK
09 OF F HAD TO REMOVE BOP AND 10 IN. X 6 IN. SPOOL
10 REPLACED A BUSHING PUT BOP AND 10 IN. X 6 IN. SPOOL
11 BACK ON AND PRESSURE TEST WELLHEAD TO 3500 PSI

ALTA MONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 07/02/81

12 HELD OK START IN HOLE WITH 7 IN. FULLBORE
13 PACKER AND TBG (4000 FT.) SDCN

LABEL: -----

DAILY COST: 6450
CUM COST: 35000
DATE: 5-20-81
ACTIVITY: 5-20-81 ACTIVITY: FINISH RUNNING IN HOLE W/PACKER AND
02 TBG. SET PACKER AT 7550 FT. AND PRESSURE TEST CSG.
03 TO 2000# BELOW 7550 FT. RIH TO 8006 FT. AND CIRCULATE
04 MUD OUT OF HOLE. CIRCULATE FOR 2 HRS. AND PULL UP
05 TO 7320 FT. AND SET PACKER. PRESSURE TEST 7 IN. TO 2000#.
06 POOH W/PACKER AND TBG. RIH WITH RETRIEVABLE BRIDGE PLUG AND
07 SET AT 7550 FT. POOH WITH TBG. RIG UP CWP. RIH WITH
08 2 BAGS OF SAND AND DUMP ON TOP OF RETRIEVABLE BRIDGE
09 PLUG. AFTER DUMPING SAND PULL UP FOR A WHILE THEN
10 TAGGED SAND AGAIN TO SEE IF SAND WAS ON TOP OF BRIDGE PLUG.
11 RIG DOWN CWP. START IN HOLE WITH 7 IN. FULLBORE
12 PACKER AND TBG. (20 STANDS). SDCN.

LABEL: -----

DAILY COST: 6550
CUM COST: 45950
DATE: 5-20-81
ACTIVITY: 5-20-81 ACTIVITY: FINISH IN HOLE WITH PACKER AND
02 TBG. SET PACKER AT 7202 FT. RIG UP HALLIBURTON.
03 PRESSURE UP BACKSIDE. PUMP WATER TO ESTABLISH INV.
04 RATE. 2.25 BBL @ 1900#. PUMP FRESH WATER (10 BBL)
05 DOWN HOLE. MIX CEMENT - START DOWN HOLE. (CLASS
06 6 CEMENT WITH .6 PERCENT LOSS FLUID ADDITIVE (75
07 CUBIC FT. - 66 SACKS). PUMP ALL CEMENT (13 BBL)
08 AND FOLLOW WITH WATER. SQUEEZE CEMENT. FINALLY
09 GOT CEMENT TO SET UP AND HOLD 2500#. RIG DOWN
10 HALLIBURTON. SDCN.

LABEL: -----

DAILY COST: 2800
CUM COST: 48750
DATE: 5-22-81
ACTIVITY: 5-21-81 ACTIVITY: RELEASE PACKER AND POOH WITH
02 7 IN. FULLBORE PACKER AND TBG. (7202 FT.). RIH
03 WITH 6 1/8 IN. BIT AND TBG. RIG UP POWER SWIVEL.

ALAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 07/02/81

04 TAG CEMENT AT 7313 FT. DRILLED 10 FT. AND PULLED
05 OFF TO CHECK RETURNS. RETURNS SLOWED CEMENT STILL
06 GREEN. PULLED 2 JOINTS OUT OF HOLE. SDCN.

LABEL: -----
DAILY COST: 3200
CUM COST: 58950
DATE: 5-22-23-26-81
ACTIVITY: 5-22-81 ACTIVITY: CAUGHT CIRCULATION. START DRILLING
02 CEMENT WITH 6 1/8 INCH BIT. START DRILLING AT 7325 FT.
03 AND DRILLED TO 7418 FT. RETURNS FROM CUTTINGS
04 SHOWED CEMENT WAS STILL GREEN. PULLED OFF CEMENT
05 AND CIRCULATED WITH HOT WATER FOR 4 HRS. SDCN.
06 5-23-81 ACTIVITY: GET CIRCULATION. START DRILLING
07 ON CEMENT AT 7418 FT. AND DRILL THROUGH ALL CEMENT.
08 CEMENT STILL LOCKED GREEN. POOH WITH 6 1/8 IN. MILL
09 AND TBG. RIH AND LATCH ONTO RETRIEVABLE BRIDGE PLUG.
10 POOH WITH RETRIEVABLE BRIDGE PLUG. SDCN.
11 5-26-81 ACTIVITY: RIH WITH TBG. AND 4 1/8 IN. BIT.
12 CIRCULATED MUD OUT OF HOLE. STARTED DRILLING OUT
13 5 IN. CAST IRON BRIDGE PLUG AT 10500 FT. HAD HARD
14 TIME KEEPING CIRCULATION WHILE DRILLING OUT BRIDGE
15 PLUG. DRILLED OUT BRIDGE PLUG AND PUSHED TO CI BRIDGE
16 PLUG AT 11660 FT. PRESSURE TEST CSG. TO 2500#.
17 START OUT OF HOLE WITH CI BRIDGE PLUG. LAID DOWN
18 44 JOINTS ON PIPE RACKS. PULLED 130 STANDS. SDCN.

LABEL: -----
DAILY COST: 2750
CUM COST: 61700
DATE: 5-27-81
ACTIVITY: FINISH COMING OUT OF HOLE WITH TBG. AND MILL (30 STANDS).
02 RIG DOWN POWER SWIVEL. RIH WITH TBG. AND 7 IN.
03 FULLCRE PACKER. SET PACKER AT 10372 FT. FILL
04 BACK SIDE WITH 380 BBL. WATER. TEST BACKSIDE TO
05 2000#. REMOVE BOP AND INSTALL 10000# FRAC TREE.
06 TEST TREE AND GET PREPARED FOR ACID JOB. HEAT ACID
07 AND FLUSH WATER FOR ACID JOB. SDCN.

LABEL: 810529
DAILY COST: 50550
CUM COST: 175150

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 07/02/81

DATE: 5-28-81
ACTIVITY: 5-28-81 ACTIVITY: RIG UP DOWELL HOLD SAFETY MFG ACIDIZE
02 ACCORDING TO PRG MAX RATE 15 BPM AVG RATE 14 BPM MIN RATE
03 12 BPM MAX PRESS 8600 PSI AVG PRESS 7800 PSI MIN PRESS
04 2500 PSI CSG PRESS 2500 PSI ACID 695 BBL FLUSH 110 BBL
05 TOTAL FLUID 805 BBL ISIP 3600 PSI 5 MIN-3100 PSI 10 MIN-
06 1800 PSI 15 MIN-600 PSI 20 MIN -0 PSI RIG DOWN DOWELL RIG UP
07 CWP AND RUN RA LOG RIG DOWN CWP LOG SHOWS GOOD TREATMENT
08 MOST PERFS COULD NOT LOG BOTTOM 11 PERFS RELEASE PACKER AND
09 PUGH WITH TPG AND PKR (10372 FT.) START IN HOLE WITH TPG
10 AND 4 1/8 IN. MILL TO DRILL OUT CI BRIDGE PLUG SDON

LABEL: 810531
DAILY CCST: 2600
CUM CCST: 182200
DATE: 5-29-30-81

ACTIVITY: 5-29-81 ACTIVITY: FINISH RUNNING IN HOLE WITH 4 1/8
02 IN. MILL HAD TO PICK UP 82 JTS OF TPG OFF PIPE RACKS
03 TAGGED 20 FT. ABOVE BRIDGE PLUG DRILLED THROUGH ACID
04 FLAKES AND PERE BALLS BEFORE TAGGING BRIDGE PLUG
05 COULD NOT KEEP CIRCULATION WHILE DRILLING DRILLED
06 THROUGH CIBP AND CHASED TO BOTTOM PUGH WITH TPG AND
07 MILL LAID DOWN 82 JTS RIG DOWN POWER SWIVEL STARTED
08 IN HOLE WITH 7 IN. FULLBORE PACKER GAS MANDRELS AND
09 TPG (20 STANDS) SDON
10 5-30-81 STATUS: RIG W/TPG AND GL MANDRELS AND GET WELL
11 READY FOR PRODUCTION
12 5-30-81 ACTIVITY: FINISH RIG W/TPG 7 MANDRELS AND PKR
13 SET PKR @ 10376 + OR - W/18000 PSI TENSION REMOVE BOP
14 AND INSTALL 5000 PSI WELLHEAD TURN WELL OVER TO
15 PRODUCTION FOR WELLHEAD HOOK-UP RD AND PREPARE TO
16 MOVE RIG SD FOR WEEKEND
17 6-1-81 STATUS: MOVE RIG TO 1-33A5

LABEL: 810608
DAILY CCST: 810608
CUM CCST: 182200
DATE: 5-31-81 AND 6-1-2-3-4-5-6-81

ACTIVITY: 5-31-81 ACTIVITY: HRS 24 -OIL 30-WTR 306-MCF GAS 386
02 CHOKE 30/64-FIP 400-CP 800-INJ GAS 196
03 6-1-81 ACTIVITY: HRS 24-OIL 35-WTR 294-MCF GAS 97
04 CHOKE 30/64-FIP 50-CP 800-INJ GAS 87

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
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05	6-2-81 ACTIVITY: HRS 24-OIL 62-WTR 152-MCF GAS 958
06	CHOKER 26/64-FIP 400-CP 1100-INJ 844
07	6-3-81 ACTIVITY: HRS 24 -OIL 67-WTR 161-MCF GAS 1303
08	CHOKER 50/64-FIP 250-CP 1060-INJ 1028
09	6-4-81 ACTIVITY: 24 HRS-OIL 62-WTR 247-MCF GAS 786
10	CHOKER 50/64-FIP 150-CP 750-INJ 472
11	6-5-81 ACTIVITY: HRS 24 -OIL 62-WTR 231-MCF GAS 800
12	CHOKER 50/64-FIP 150-CP 950-INJ GAS 485
13	6-6-81 ACTIVITY: 24 HRS -OIL 125-WTR 79-MCF GAS 1002
14	CHOKER 50/64-FIP 80-CP 1000-INJ 889

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

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

CA 96-84

8. FARM OR LEASE NAME

Babcock

9. WELL NO.

1-18B3

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 18 T2S R3W
SW/4 NE/4

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company ATTN: B. T. Ellison 6486 WCK.

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

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

1597' FNL & 2424' FEL Sec. 18

14. PERMIT NO.

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

KB 6090'

12. COUNTY OR PARISH

Duchesne

18. STATE

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(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.)*

Current Status: Currently producing 27 BOPD, 113 BWPD, and 65 MCFPD from Wasatch (10,646'-12,782').

Proposed Work: Acid treat Wasatch (10,646'-12,782') with 30,000 gallons 15% HCL.

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

SIGNED B. T. Ellison

TITLE Div. Prod. Engr.

DATE 3/3/83

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

CA 96-84

8. FARM OR LEASE NAME

Babcock

9. WELL NO.

1-18B3

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 18 T2S R3W
SW/4 NE/4

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
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At surface

1597' FNL & 2424' FEL Sec. 18

14. PERMIT NO.

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

KB 6090'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

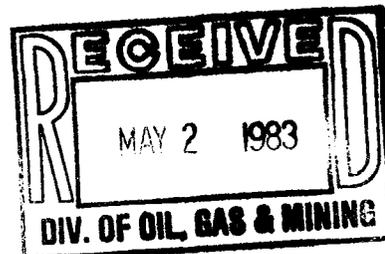
(Other)

(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.)*

Current Status: Currently producing 15 BOPD and 179 BWPD from the Wasatch (10,646'-12,782').

Proposed Work: Clean out and acid treat the Wasatch perms with 20,000 gallons of 15% HCL.



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

SIGNED Bart T. Ellison

TITLE Div. Prod. Engr.

DATE 4/28/83

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

PRINT IN TRIPLICATE*
(Other instructions on
reverse side)

1 M

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company ATTN: C. A. Miller 6586 WCK.

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

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

1597' FNL 2424' FEL Sec. 18

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6090'

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
CA 96-84

8. FARM OR LEASE NAME
Babcock

9. WELL NO.
1-18B3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA
Sec. 18 T2S R3W
SW/4 NE/4

12. COUNTY OR PARISH 13. STATE
Duchesne Utah

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

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

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

COMPLETED OPERATIONS

Cleaned out and acid treated Wasatch (10,646'-12,782') with 20,000 gallons 15% HCL. Returned well to production.

SEP 01 1983
DIVISION OF OIL, GAS & MINING

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

SIGNED C. A. Miller TITLE Div. Oper. Engr. DATE 8/22/83

(This space for Federal or State office use)

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

STATE: UTAH
FIELD: ALTAMONT

WELL: BABCOCK 1-18B3

LABEL: FIRST REPORT
WO NO.: 588077
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 72000
DAILY COST: 300
CUM. COST: 300
TYPE OF JOB: CO STIMULATE WASATCH
OBJECTIVE: WASATCH

DATE(S): 8-9-83
PRESENT STATUS: RU
LATEST TEST: OIL 20 WTR 225 FOR JULY
ACTIVITY: MIRU HOOK UP GAS LINE TO CSG AND BLED GAS TO
02 TREATER SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BABCOCK 1-18B3

LABEL: -----
WO NO.: 588077
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 72000
DAILY COST: 1981
CUM. COST: 2281
TYPE OF JOB: CO STIMULATE WASATCH
OBJECTIVE: WASATCH

DATE(S): 8-10-83
PRESENT STATUS: CO CSG
LATEST TEST: JULY 20 OIL 225 WTR
ACTIVITY: BLED OFF WELL PUMP 50 BBLs WTR DOWN TBG REMOVE
02 WH PUT ON BOPS RELEASE PKR POOH LAYING DOWN GAS
03 LIFT MANDRELS AND PKR RIH W/ 4 1/8 IN MILL
04 CLEAN OUT TOOL AND 333 JTS TBG SDON

STATE: UTAH
FIELD: ALTAMONT

WELL: BABCOCK 1-18B3

LABEL: -----
WO NO.: 588077
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 72000
DAILY COST: 3613
CUM. COST: 5894
TYPE OF JOB: CO STIMULATE WASATCH
OBJECTIVE: WASATCH

DATE(S): 8-11-83
PRESENT STATUS: CO CSG
LATEST TEST: JULY 20 OIL 225 WTR
ACTIVITY: BLED OFF WELL PUMP 20 BBLS WTR DOWN TBG FIN RIH
W/ MILL PU TBG TAG AT 12770 FT RU POWER SWIVEL
CO TO 12825 FT LAY DOWN SWIVEL AND 82 JTS
WORKSTRING POOH W/ CLEAN OUT TOOL AND MILL TBG
PLUGGED OFF W/ 7000 FT IN HOLE PUT 5000 LB PRESS
ON TBG COULDNT PUMP DOWN SDON
02
03
04
05
06

STATE: UTAH
FIELD: ALTAMONT

WELL: BABCOCK 1-18B3

LABEL: -----
WO NO.: 588077
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 72000
DAILY COST: 4533 11963
CUM. COST: 10427 22390
TYPE OF JOB: CO STIMULATE WASATCH
OBJECTIVE: WASATCH

DATE(S): 8-12 AND 8-13-83
PRESENT STATUS: ACIDIZE
LATEST TEST: JULY 20 OIL 225 WTR
ACTIVITY: 8-12-83 BLED OFF WELL PUMP 100 BBLS WTR DOWN CSG
RU OWP AND SHOOT 4 HOLES IN BOT JT TBG COULDNT
02 PULL GUN PUMP 300 BBLS WTR DOWN CSG GUN CAME LOOSE
RD OWP POOH W/ TBG AND CO TOOL PU 5 IN 18 MT ST
03 HD PKR PLUS 45 SN RIH SET PKR AT 10546 FT W/
04 20000 LBS COMP TEST CSG TO 1800 LBS REMOVE BOP PO WH
05 8-13-83 RU NOWSCO TO ACID TREAT 10646-12782 FT
06 W/ 20000 GAL HCL PUMPED 476 BBLS 15 PERCENT HCL
07 MAX 5 BPM W O PRESS ON CSG AND TBG PUMPED 100 BBLS
08 FLUSH W/ 500 LBS ON TBG O ON CSG RD NOWSCO CLEAN
09 MUD TANKS SDON
10
11

STATE: UTAH
FIELD: ALTAMONT
WELL: BABCOCK 1-18B3

LABEL: -----
WO NO.: 588077
FOREMAN: B.J. THOMPSON
RIG: WOW 19
AUTH. AMNT: 72000
DAILY COST: 2256
CUM. COST: 24646
TYPE OF JOB: CO STIMULATE WASATCH
OBJECTIVE: WASATCH

DATE(S): 8-15-83
PRESENT STATUS: RUN RODS
LATEST TEST: JULY 20 OIL 225 WTR
ACTIVITY: BLED 1100 LBS TBG PRESS TO PIT PUMP 50 BBLs WTR
02 DOWN TBG REMOVE WH PUT ON BOPS RELEASE PKR POOH
03 LAY DOWN PKR PU HILAND 7 IN 26 ANCHOR 1 JT TBG
04 PLUS 45 SN AND 332 JTS TBG RIH LAND TBG REMOVE
05 BOPS AND DONUT SET ANCHOR AT 10332 FT W/ 20000 LBS
06 TENSION RD TBG EQUIP RU ROD EQUIP SDON

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

UTEX OIL CO.
% SHELL WESTERN E&P INC.

Duck
N1000

PC BOX 576
HOUSTON TX 77001
ATTN: P.T. KENT, OIL ACCT.

Operator name change

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
BABCOCK 1-1883 4301330219 01855 02S 03W 18	GR-WS	31	938	1139	9512
BROTHERSON 1-26B4 4301330336 01856 02S 04W 26	WSTC	30	529	4902	1019
SHELL UTE 1-21B5 4301330262 01860 02S 05W 21	WSTC	23	789	1024	4634
HANSON TRUST 1-29A3 4301330314 01861 01S 03W 29	GRRV	22	182	925	4424
BROTHERSON 1-24B4 4301330229 01865 02S 04W 24	WSTC	31	848	2764	4876
UTE 1-12B6 4301330268 01866 02S 06W 12	WSTC	31	179	20	210
TEW 1-1B5 4301330264 01870 02S 05W 1	GR-WS	28	3764	1874	5948
GOODRICH 1-18B2 4301330397 01871 02S 02W 18	GR-WS	31	1165	1239	4027
MEAGHER EST 1-20B2E 4304730186 01875 02S 02E 20	WSTC	31	551	466	0
UTE 1-34B1E 4304730198 01880 02S 01E 34	WSTC	3	10	8	0
WHITEHEAD 1-22A3 4301330357 01885 01S 03W 22	WSTC	24	1401	3176	956
UTE TRIBAL 1-26A3 4301330348 01890 01S 03W 26	WSTC	31	1999	1846	6209
UTE 1-06B2 4301330349 01895 02S 02W 6	WSTC	18	1701	3223	2572
TOTAL			14058	22606	44388

Comments (attach separate sheet if necessary)

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

Date 9-28-84

Telephone

Authorized signature

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

BMIT IN TRIPLICATE
(Other instructions on
reverse side)

010971

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 requirements.
See also space 17 below.)
At surface

See attached list

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
Babcock

9. WELL NO.
1-18B3

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 18 T. 33 S.

12. COUNTY OR PARISH 13. STATE
Duchessne

14. PERMIT NO.
43-013-30219

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

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) - Change Operator

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

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:



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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235
Report Period (Month/Year) 11 / 87
Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
CROOK 1-06B4 4301330213 01825 02S 04W 6	WSTC				
POTTER 1-02B5 4301330293 01826 02S 05W 2	WSTC				
UTE UNIT 1-12B3 4301330205 01830 02S 03W 12	GR-WS				
FIELDSTED 1-29A4 4301330276 01831 01S 04W 29	GR-WS	✓			
UTE UNIT 1-07B2 4301330206 01835 02S 02W 7	WSTC				
HUNT #2-21B4 4301331114 01839 02S 04W 21	WSTC				
HUNT 1-21B4 4301330214 01840 02S 04W 21	WSTC				
BROTHERSON 1-28A4 4301330292 01841 01S 04W 28	WSTC				
LAWRENCE 1-30B4 4301330220 01845 02S 04W 30	WSTC				
SHELL UTE 1-08A1E 4304730173 01846 01S 01E 8	WSTC				
FLYING DIAMOND ROPER 1-14B3 4301330217 01850 02S 03W 14	WSTC				
UTE TRBL 1-33Z2 4301330334 01851 01N 02W 33	WSTC				
BABCOCK 1-18B3 4301330219 01855 02S 03W 18	WSTC				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____
Authorized signature _____ Telephone _____

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

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

Attention: Ms. Lisha Romero

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

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

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

Very truly yours,

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

The computer shows the ANR Limited wells listed under account no. N0235. DTS 1-26-88

CC: AWS

CTE:mmw

*Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88*

WORKOVER PROCEDURE

Babcock 1-18B3
Section 18, T2S, R3W
Duchesne County, Utah

WELL DATA

Location: 1597' FNL & 2424' FEL
Elevation: 6060' GL, 6069' KB
Total Depth: 12,903' PBD: 12,825'
Casing: 13-3/8", 68#, K-55 set @ 311'
9-5/8", 40#, K-55 set @ 5995'
7", 26#, S-95 set @ 10,600'
5", 18#, N-80 & P-110 from 10,403'-12,901'
Tubing: 2-7/8", 6.5#, N-80 @ 5818'
Perforations: Wasatch from 10,646'-12,820' (total 570 holes)
Tubular Data:

Description	ID	Drift	Capacity B/F	Burst (psi)	Collapse (psi)
7", 26#, S-95	6.276"	6.151"	.0382	8600	7800
5", 18#, P-110	4.276"	4.151"	.0177	13,940	13,450
5", 18#, N-80	4.276"	4.151"	.0177	10,140	10,490
2-7/8", 6.5#, N-80	2.441"	2.347"	.00579	10,570	11,160

Present Status: Shut in with parted casing at 7280'.

PROCEDURE

1. MIRU service rig. Kill well if needed. ND wellhead and NU BOP.
2. POOH w/production tubing.
3. PU 6-1/8" swedge and 2-7/8" workstring and TIH. Swedge out and align 7" casing.
4. Run casing inspection log to evaluate length of part.
5. Perforate 8 squeeze holes at 7300'. RIH and set Howco casing alignment tool across part. Set EZ drill retainer @ 7250'.
6. Cement 7" casing from 7300' to surface if circulation is possible.
7. Drill out and test casing to 2500 psi. Repeat squeeze if necessary.
8. TIH and retrieve RBP @ 9240'.
9. Perforate Wasatch 10,650'-12,757' with 3 SPF using 3-1/8" casing gun as per attached schedule.
10. PU 5" x 2-7/8" retrievable packer on 2-7/8" x 3-1/2" tbg & TIH. Set packer @ 10,500'. NOTE: Test tubing to 9000 psi on TIH.
11. Acidize Wasatch perfs 10,646'-12,820' with 24,000 gals 15% HCl w/additives and 1500 1.1 sg ball sealers.
 - A. Precede acid with 250 bbls water with 10 gal per 1000 scale inhibitor and 500 gal Xylene.
 - B. All water to contain 3% KCl.
 - C. Acidize in 6 stages of 4000 gal each with diverter stages of 1000 gal gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
 - D. Acid will be tagged with followup log to determine diversion.
 - E. Maximum pumping pressure to be 9000 psi.
12. Flow back acid load. Unseat packer and POOH laying down work string.
13. Rerun production string and return to production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
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
Use "APPLICATION FOR PERMIT—" for

RECEIVED
OCT 23 1989

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ANR Production Company

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1597' FNL and 2424' FEL, Section 18, T2S, R3W

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
CA 96-84

8. FARM OR LEASE NAME
Babcock

9. WELL NO.
1-18B3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW/NE Section 18, T2S, R3W

12. COUNTY OR PARISH 13. STATE
Duchesne Utah

14. PERMIT NO.
43-013-30219

15. ELEVATIONS (Show whether SF, HT, GR, ETC.)
6090' KB

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 checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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.)*

Attempted to repair casing part per attached chronological report. Attempt was unsuccessful. A cement squeeze, add perforations and acid job were planned but cancelled. Well is currently being evaluated.

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

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

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 10/19/89

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BABCOCK #1-18B3 (REPAIR PARTED CSG, PERF, ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 39.4241% ANR AFE: 62773
TD: 12,903'
CSG: 5" LINER @ 10,403'-12,901'
PERFS: 10,646'-12,820'
CWC(M\$): \$141.5

Page 1

- 7/19/89 POOH w/2-7/8" tbg. MIRU.
DC: \$284 TC: \$284
- 7/20/89 Prep to RIH w/5-1/2" swage. Circ well w/60 BW. ND WH. NU BOPS. POOH w/2-7/8" tbg. RIH w/4-7/8" csg swage & BHA on 2-7/8" tbg to 7702'. Start POOH w/csg swage.
DC: \$3,950 TC: \$4,234
- 7/21/89 Swage 7" csg. POOH w/4-7/8" csg swage & BHA. RIH w/5-1/2" csg swage & BHA to 7280'. Work thru tight spot. RIH to 7619'. POOH to 7280'. Circ well w/80 BW. Rec'd black oil. POOH w/5-1/2" csg swage. Start RIH w/5-3/4" csg swage & BHA.
DC: \$5,813 TC: \$10,047
- 7/24/89 CO BHA. Fin RIH w/5-3/4" csg swage to 7280'. Worked swage thru @ 18,000#. RIH to 7619'. POOH w/5-3/4" csg swage & BHA on 2-7/8" tbg. RIH w/dump bailer. Could not drop thru spot @ 7926'. Ran CCL from 7100' to 7700'. Bad collar kicks @ 7432' & 7275'. Lost 1-1/2 sxs sd. RIH w/6" csg swage & BHA on 2-7/8" tbg to 7280'. Csg taking 90,000#. Jars leaking.
DC: \$4,463 TC: \$14,510
- 7/25/89 RIH w/6" csg swage. POOH w/6" csg swage & BHA on 2-7/8" tbg. RIH w/5-7/8" csg swage & BHA on 2-7/8" tbg to 7280'. Work thru tight spot. RIH & tag RBP @ 9240'. POOH to 7926'. Circ hole w/150 BW. POOH w/5-7/8" csg swage. RIH w/dump bailer & spot 2 sxs sd on RBP @ 9240'. Run CCL from 7950'-7000'. Bad collar @ 7432' & 7275'.
DC: \$8,073 TC: \$22,583
- 7/26/89 Swage 7" csg. RIH w/6" csg swage & BHA on 2-7/8" tbg to 7280'. Made 3". Stuck swage. Jarred 2-1/2 hrs @ 114,000#. Pulled free. POOH w/6" swage. Start RIH w/5-15/16" csg swage & BHA on 2-7/8" tbg.
DC: \$4,070 TC: \$26,653
- 7/27/89 RIH w/6" csg swage. Fin RIH with 5-15/16" csg swage & BHA on 2-7/8" tbg. Work thru tight spot @ 7280'. RIH to 7702'. Jarred thru tight spot @ 7280' while POOH. Attempt to circ 7" x 9-5/8" csg. Press csg to 2000#. Bled to 1600#/10 mins. No circ. POOH with 5-15/16" csg swage.
DC: \$4,930 TC: \$31,583
- 7/28/89 POOH w/6" csg swage. PU 6" csg swage & TIH. Worked thru collapse @ 7280' several times. Pmpd thru hole in 7" csg @ 1.4 BPM & 2600# w/no circ to sfc.
DC: \$5,833 TC: \$37,416
- 7/31/89 Swage csg @ 7280' w/6-1/16" swage. Swage thru tight spot @ 7280' w/6" swage. RIH to 7702'. POH & LD 6" swage. TIH w/6-1/16" swage.
DC: \$4,333 TC: \$41,749
- 8/1/89 POH w/6-1/16" swage. Swage thru tight spot @ 7280' w/6-1/16" swage. RIH to 7702'. POH w/6-1/16" swage. Rig broke dwn.
DC: \$2,626 TC: \$44,375
- 8/2/89 Rig broke dwn.
- 8/3/89 RIH w/csg insp log. POH & LD 6-1/16" swage. RIH w/6-1/8" swage. Hole appears to be 5' long. Taking 1-1/2 pts to jar up thru tight spot @ 7280'. Prep to run csg inspect log.
DC: \$4,393 TC: \$48,768

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BABCOCK #1-18B3 (REPAIR PARTED CSG, PERF, ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

Page 2

- 8/4/89 Fish centralizer. RIH w/6-1/8" csg swage thru tight spot @ 7280'. RIH to 7702'. POOH to 7280'. Circ hole w/100 BW. POOH w/BHA. Run csg inspection log from 7840'-6000'. Tool hung up @ 7280'. Lost centralizer.
DC: \$4,291 TC: \$53,059
- 8/7/89 Mill out tight spot. RIH w/3-5/8" spear & BHA on 2-7/8" tbg. Tagged fish @ 7280'. POOH w/fish. RIH w/6-1/8" string mill & BHA on 2-7/8" tbg to 7280'. Mill out tight spot @ 7280'. Circ hole clean.
DC: \$7,868 TC: \$60,927
- 8/8/89 TFNB. Mill out tight spot from 7281'-7284'. Circ hole clean. Mill worn out.
DC: \$3,701 TC: \$64,628
- 8/9/89 Dress out 7" csg. POOH w/worn 6-1/8" string mill & BHA on 2-7/8" tbg. RIH w/new 6-1/8" string mill & BHA on 2-7/8" tbg. Mill out 7" csg from 7284'-7288'. Fell thru. Worked mill thru tight spot. Circ well clean. RIH to 7702'. POOH to 7280'.
DC: \$5,245 TC: \$69,873
- 8/10/89 POOH w/tbg & pkr. POOH w/tbg & mill. PU 7" pkr & TIH. Tst csg to locate hole.
DC: \$4,874 TC: \$74,747
- 8/11/89 Fish 7" pkr. 7" pkr hung @ 7280'. RIH w/chem cutter & cut off 2-7/8" tbg @ 7252'. POOH w/2-7/8" tbg. RIH w/4-11/16" x 2-7/8" OS & BHA on 2-7/8" tbg. Could not latch fish.
DC: \$7,217 TC: \$81,964
- 8/14/89 Fish 7" pkr. POOH w/4-11/16" x 2-7/8" OS & BHA on 2-7/8" tbg. RIH w/bent shoe & 4-11/16" x 2-7/8" OS w/6-1/8" swage & BHA on 2-7/8" tbg. Could not latch fish. Knocked pkr loose. Swaged tight spot. POOH. Guide lip wore off. RIH w/5-3/4" OS & BHA on 2-7/8" tbg to 7200'.
DC: \$4,510 TC: \$86,474
- 8/15/89 Swage 7" csg. Fin RIH w/5-3/4" x 2-7/8" OS & BHA on 2-7/8" tbg to 7280'. Unable to pass tight spot. POOH. OS stacked out on csg lip. RIH w/6-1/8" csg swage & BHA on 2-7/8" tbg to 7280'. Worked csg swage thru tight spot.
DC: \$4,337 TC: \$90,811
- 8/16/89 Mill out 7" csg. Worked 6-1/8" swage thru tight spot @ 7280'. Becoming sticky. POOH w/6-1/8" swage & BHA on 2-7/8" tbg. RIH w/4-11/16" x 2-7/8" OS & BHA to 7280'. Would not pass. POOH. RIH w/stinger & tandem 6-1/8" string mills & BHA to 7280'.
DC: \$4,365 TC: \$95,176
- 8/17/89 Mill out 7" csg. Milled on 7" csg from 7280'-7285'.
DC: \$5,069 TC: \$100,245
- 8/18/89 TIH w/new mills. Mill on 7" csg @ 7280' while getting iron and shale in returns. POOH & replace tandem string mills. TIH w/same.
DC: \$4,267 TC: \$104,512
- 8/21/89 POOH to change out mills. Milled on csg 11 hr making 3' of progress.
DC: \$4,212 TC: \$108,724
- 8/22/89 Mill on csg. Milled on 7" csg 7286'-7289'. POOH & LD 6-1/8" string mills. PU 6" & 6-1/8" string mill & TIH. Milled 7289'-7290'.
DC: \$4,532 TC: \$113,256
- 8/23/89 RIH w/retr hd. Mill on tight spot 7290'-7293'. RIH to 7604'. Mill on tight spot. Fell thru to fish. Pkr stuck to stinger. POOH w/pkr.
DC: \$3,382 TC: \$116,638

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BABCOCK #1-18B3 (REPAIR PARTED CSG, PERF, ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

Page 3

- 8/24/89 TIH w/new retr hd. TIH w/RBP retr hd on 2-7/8" tbg. Washed dn 9151'9233'.
Attempted to latch RBP w/o success. POOH w/tbg & head. Retr hd worn out.
DC: \$2,515 TC: \$119,153
- 8/25/89 Fish RBP. RIH w/PBJB & BHA on 2-7/8" tbg to 9233'. CO 7" csg to 9234'.
Circ hole clean. POOH. RIH w/5-3/4" x 2-3/8" OS & BHA on 2-7/8" tbg to
7200'.
DC: \$4,644 TC: \$123,797
- 8/28/89 Prep to re-land 7" csg in slips. Fin TIH w/OS. Tagged RBP @ 9234'.
Latched RBP & POOH w/wet string. Rec'd top of control arm. Found 7" csg
15' below WH. PU 3-1/2" OS & RIH. Attempted to get below 7280' w/o
success. POOH w/tbg & OS.
DC: \$4,764 TC: \$128,561
- 8/29/89 TIH w/string mills. ND tbg hd. Cut 5' of 7" csg off top. PU 7" Bowen csg
patch of 7" csg & TIH. Latched csg & landed in slips. NU tbg hd. PU
tandem string mills on 2-7/8" tbg & TIH.
DC: \$9,431 TC: \$137,992
- 8/30/89 Prep to RIH w/4-3/4" OS. TIH w/string mills while milling thru 7280'. RIH
to 7702'. POOH w/tbg & mills. PU 5-7/8" OS & TIH. Tagged at 6306' &
could not work thru. POOH & LD 5-7/8" OS.
DC: \$6,095 TC: \$144,087
- 8/31/89 POOH w/mills. PU 4-11/16" OS & TIH to 6306'. Unable to get through. POOH
w/OS. PU tandem 6-1/8" string mills & TIH to 7300' working csg @ 6306' &
7280'.
DC: \$4,607 TC: \$148,694
- 9/1/89 POOH w/OS. Mill thru 7280'. RIH to 7702'. POOH w/tandem 6-1/8" mills &
BHA on 2-7/8" tbg. RIH w/4-11/16" x 1" OS & BHA on 2-7/8" tbg to fill @
9195'. CO 7" csg to 9203'. Tools plugging off. Circ well clean. Start
POOH w/BHA.
DC: \$5,857 TC: \$154,551
- 9/5/89 Prep to retr RBP. Fin POOH w/OS & BHA on 2-7/8" tbg. RIH w/tandem 6-1/8"
mills & BHA on 2-7/8" tbg to 6306'. Mill thru to 7280'. Mill thru 7280'.
RIH & tag fill @ 9203'. CO 7" csg to 9234'. Rec'd shale & iron. Start
POOH w/BHA.
DC: \$4,666 TC: \$159,217
- 9/6/89 POOH & check overshot. Tag up @ 9234'. No add'l fill. POOH & LD BHA.
RIH w/4-11/16" OS. Tag up @ 9226'. Circ on to RBP @ 9234'. Attempt to
latch on RBP unsuccessful. POOH to check OS.
DC: \$5,032 TC: \$164,249
- 9/7/89 Prep to retr RBP. POOH w/OS & BHA on 2-7/8" tbg. OS wearing on iron. RIH
w/6" x 1" OS & BHA on 2-7/8" tbg to 6350'.
DC: \$4,065 TC: \$168,314
- 9/8/89 Prep to mill out RBP. Run thru tight spot @ 7280'. Tag fill @ 9225'. DO
approx 10", hard. POOH. Pieces of iron in shoe. RIH w/5-7/8" overshot
w/1" grapple. Tag fill @ 9237'. Latch on RBP. Drag out of hole. Only
retr control bar. Tbg collars apparently dragging. Prep to mill out RBP.
DC: \$5,556 TC: \$173,870
- 9/11/89 Mill on RBP. RIH w/6" washover shoe w/4-5/8" ID on cut right. Tag RBP @
8984' (moved RBP 250' Friday). Mill 1-hr, plug fell. Push plug to ln top.
Mill on plug. Made 14".
DC: \$5,538 TC: \$179,408
- 9/12/89 Tag 4' of fill on RBP. Mill out 5" on RBP. Mill worn. Start POOH to chng
out shoe.
DC: \$4,285 TC: \$183,693

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BABCOCK #1-18B3 (REPAIR PARTED CSG, PERF, ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

Page 4

- 9/13/89 POOH. LD shoe. Worn 1 ft inside. RIH w/new 6" shoe. Circ 4' fill off plug. Made 5" hard drlg. Mill worn. Start POOH.
DC: \$4,394 TC: \$188,087
- 9/14/89 POOH w/shoe. All cutright on shoe gone. RIH w/new 6" shoe. Circ 10' fill off RBP. Made 3" on shoe then wore out. Start POOH.
DC: \$4,573 TC: \$192,660
- 9/15/89 RIH w/new 6" shoe. LD shoe. Had 5-5/8" impression on btm. Appear to be on btm cone of RBP. PU & RIH w/5-7/8" OS w/4-1/2" grapple. Circ 4' fill off RBP. Attempt to latch on to RBP & jar loose unsuccessful. PU & RIH w/new 6" shoe.
DC: \$4,327 TC: \$196,987
- 9/18/89 Milling RBP. Circ 6' fill off RBP. Mill 3" on RBP. Mill wore out. POOH & LD 6" shoe. PU & RIH w/6" diamond shoe. Circ 2' fill off RBP. Mill 10" on RBP.
DC: \$9,357 TC: \$206,344
- 9/19/89 Mill on bad spot at 6306'. Mill on RBP. Made 10" on btm drag block assmbly. POOH & LD mill. RIH w/5-7/8" OS w/4-1/2" grapple. Stack out @ 6306'. LD OS. RIH w/2 - 6-1/8" string mills to 6306'.
DC: \$5,229 TC: \$211,573
- 9/20/89 Waiting on orders. RIH w/string mill to 7063'. Stacked out on wax. Pmpd hot wtr dwn csg & drill out to 7190'. Stacked out again. Tbg plugged. Btm collar had scale plug. PU & RIH w/5-7/8" overshot w/4-1/2" grapple. Could not get thru bad spot @ 6306'.
DC: \$5,806 TC: \$217,379
- 9/21/89 LD overshot & BHA. RIH w/162 jts 2-7/8" & .45 SN. Land tbg. LD 164 jts 2-7/8".
DC: \$6,625 TC: \$224,004
- 9/22/89 ND BOPS. NU WH. RDSU. Drop from report until further evaluation.
DC: \$11,753 TC: \$235,757

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

SUBMIT IN TRIPLICATE*
(Other instructions reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back or re-completion work. Use "APPLICATION FOR PERMIT—" for this purpose.)

RECEIVED
NOV 15 1989

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 N/A
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME CA 96-84
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1597' FNL & 2424' FEL (SWNE) Section 13		8. FARM OR LEASE NAME Babcock
14. PERMIT NO. 43-013-30219		9. WELL NO. 1-18B3
15. ELEVATIONS (Show whether SF, ST, GN, etc.) 6090' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Section 13, T2S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

See attached proposed procedure to plug and abandon the above referenced well.

OIL AND GAS	
1-IRB ✓	GLH
3-TLT	SLS
2-TAS ✓	
4-5- MICROFILM ✓	
5-A	FILE

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

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 11/13/89
Brenda W. Swank

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
OF UTAH DIVISION OF OIL, GAS, AND MINING

CONDITIONS OF APPROVAL, IF ANY:
See attachment.

DATE: 11-22-89
*See instructions on Reverse Side Richard R. Bay

P&A PROCEDURE

Babcock 1-18B3
Section 18, T2S, R3W
Duchesne County, Utah

WELL DATA

Location: 1597' FNL & 2424' FEL
Elevation: 6060' GL, 6090' KB
Total Depth: 12,903' PBTD: 12,825'
Casing: 13-3/8", 68#, K-55 set @ 311'
9-5/8", 40#, K-55 set @ 5995'
7", 26#, S-95 set @ 10,600'
5", 18#, N-80 & P-110 from 10,403'-12,901'
Tubing: 2-7/8", 6.5#, N-80 @ 5818'
Perforations: Wasatch from 10,646'-12,820' (total 570 holes)
Tubular Data:

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity B/F</u>	<u>Burst (psi)</u>	<u>Collapse (psi)</u>
7", 26#, S-95	6.276"	6.151"	.0382	8600	7800
5", 18#, P-110	4.276"	4.151"	.0177	13,940	13,450
5", 18#, N-80	4.276"	4.151"	.0177	10,140	10,490
2-7/8", 6.5#, N-80	2.441"	2.347"	.00579	10,570	11,160

Present Status: Shut in with RBP @ 10,403' and casing collapsed at 7280' and 6306'.

PROCEDURE

1. MIRU service rig. ND WH & NU BOP. Kill well and POOH w/kill string.
2. Spot 100' cement plug from 10,304'-10,404'.
3. Set CIBP @ 7150'. TIH w/2-7/8" tbg & tag CIBP. Spot 100' cmt on top of plug.
4. Cut 7" casing @ 5000'. POOH laying down csg. TIH with 2-7/8" tbg. Spot 50 sx cmt plug 4900'-5100'.
5. POOH and spot 50 sx cmt plug 2480'-2680'.
6. POOH and spot 50 sx plug 200' - surface.
7. Cut off 9-5/8" csg 5' below ground level. Install dry hole marker as necessary.

UTAH DIVISION OF OIL, GAS AND MINING
CONDITIONS OF APPROVAL FOR WELL PLUGGING AND ABANDONMENT

ANR Production Company
Babcock #1-18B3 Well
Section 18, T. 2S, R. 3W
Duchesne County, Utah
November 22, 1989

Reference document: Sundry notice dated November 13, 1989.

1. The operator shall notify the division at least 24 hours prior to commencing plugging operations to allow witnessing by a division representative.
2. All casing annuli which are open to the surface shall be sealed with cement to allow for a plug at least a 100' in length at the surface.

OI58/122

**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 wells into different reservoirs.
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 N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME CA-96-84
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1597' FNL & 2424' FEL, Section 18		8. FARM OR LEASE NAME Babcock
14. PERMIT NO. 43-013-30219		9. WELL NO. 1-18B3
15. ELEVATIONS (Show whether of, to, or, etc.) 6090' KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA Section 18, T2S-R3W
		12. COUNTY OR PARISH; 13. STATE Duchesne Utah

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

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

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

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

See attached chronological report to plug and abandon referenced well

OIL AND GAS	
DRN	RJF
JRB	GLH
DTC	SLS
1-TAS	
2- MICROFILM	
3- FILE	

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

SIGNED Timothy K. Sciba TITLE Administrative Manager DATE March 26, 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 5

BABCOCK #1-18B3 (P&A)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 39.4241% ANR AFE: 62940
TD: 12,903' PBD: 10,403'
CSG: 5" LINER @ 10,403'-12,901'
PERFS: ALL UNDER RBP @ 10,403'
CWC(M\$): \$40.0 (-\$71.7M INCL SALV)

- 3/12/90 Prep to spot cmt plugs. MIRU.
DC: \$1,767 TC: \$1,767
- 3/13/90 Spot cmt plugs. Circ hole clean. ND WH. NU BOP's. RIH w/2-7/8" tbg to
6306'. Unable to get deeper. Spot 50 sxs cmt plug @ 6306' to 6039'. POOH
to 3700'.
DC: \$6,597 TC: \$8,364
- 3/14/90 Spot cmt plugs. Press tst 13-3/8" x 9-5/8" csg to 500#. OK. Circ hole
clean. Perf 4 holes @ 2680'. Circ hole clean. Perf 4 holes @ 200'.
DC: \$5,443 TC: \$13,807
- 3/15/90 TIH w/tbg open ended to 2680'. Spot 100 sx. POH w/tbg. Spot 88 sx @ sfc.
ND BOP. Weld on plate. Fin P&A. MO rig @ 2:30 p.m. Final report.
DC: \$4,364 TC: \$18,171



ORIGINAL INVOICE

The Western Company of North America

P.O. BOX 94480 TULSA, OKLAHOMA 74194
(817) 731-5100

DEBIT
MAR 20 1990
COASTAL OIL & GAS CORP
DENVER

TO COASTAL OIL & GAS
P.O. BOX 120
ALTAMONT, UT 84001

TERMS
~~NET CASH DUE ON OR BEFORE 30 DAYS~~
AFTER DATE OF INVOICE

FEDERAL I.D. NO. C 75-0763484

INVOICE NO.

340419

PLEASE DISREGARD THIS INFORMATION

18463 15 35 43 2 20 9

DATE			OUR RECEIPT NO.	SERVICES FROM OUR STATION AT	OUR ENGINEER	SIGNED FOR YOU BY
MO.	DAY	YR.				
03	13	90	118647	VERNAL CEMENTING	EDWARDS	BOZARTH
FOR SERVICING WELL NAME			COUNTY		STATE	YOUR ORDER NO.
UTE 1-18B3			DUCHEPNE		UT	
UNITS	CODE	DEPTH AND DESCRIPTION			UNIT PRICE	AMOUNT
60.0	K1006	MILEAGE CHARGE, PER UNIT, PER MILE			2.200	132.00
60.0	K1026	MILEAGE AUTO/PICK-UP/TREATING VAN			.850	51.00
1.0	K2446	CEMENTING 1ST 8 HRS 5000-7000 FT			1680.000	1,680.00
13.0	K2446	PLUS PER 100 FT OR FRACT BELOW 5000			20.000	260.00
400.0	M1006	LAND JOBS			.950	380.00 **
1128.0	M2306	DELIVERY CHARGE PER TON MILE			.750	846.00 **
50.0	P433L	PREMIUM CEMENT, VERNAL, UT.			7.800	390.00 **
SUB TOTAL						3,739.00
	90200	SALES CONCESSION ON SERVICES				972.14-
	96326	DUCHEPNE COUNTY .875%				10.47
	96900	UTAH SALES & USE TAX 5.094%				60.91

94 1499: 002.4 000 000 62940 789 8776 2838.24

SAC

032390

Property Name _____
 Type of Service _____
 Comments _____
 AFE LOE
 Appr. By [Signature] Date 3-20-90
 Appr. By _____ Date _____
 Appr. By _____ Date _____

PAY THIS AMOUNT →

2,838.24

POOR COPY

CUSTOMER COPY

THE WESTERN COMPANY

SERVICE ORDER AND

118647

SHADED AREAS FOR ACCOUNTING USE ONLY

OF NORTH AMERICA

FIELD RECEIPT NO.

WESTERN DISTRICT: Utah WELL CLASS: OIL DISPOSAL 3

WELL NAME AND NUMBER: Utah 1300 NONE 3

WELL LOCATION: 1300 COUNTY: 1300 STATE: UT FIELD SALES AND SERVICE REPRESENTATIVE: 04060

ARRIVE LOCATION: 1300 SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE OF THIS FORM AND REPRESENT THIS ORDER MUST BE SIGNED BEFORE WORK CAN COMMENCE

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

UNITS	CODE	DEPTHS AND DESCRIPTION	UNIT PRICE	AMOUNT
600	X1006	...		132.00
600	X1006	...		51.00
1.0	X1006	...		620.00
13.0	X1006	...		760.00
4000	X1006	...		380.00
1125	X1006	...		846.00
500	P43	...		390.00
		...		759.00
		...		972.14
		...		576.50

JOB TYPE CODES: 10. CONDUCTOR, 11. SURFACE, 12. INTERMEDIATE, 13. LOW PRESSURE, 14. LINE, 15. TIEBACK, 16. PLUG & ABANDON, 17. PLUG BACK, 18. SQUEEZE, 19. PUMPING, 20. BULK SALE (CEMENT), 31. ACID, FRACTURE, 32. FRACTURE, 35. BULK SALE (STIM), 40. SAND CONTROL, 51. TOOL RENTAL, 52. TOOL REDRESS, 53. TOOL SERVICE

SERVICE RECEIVED. I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMAN LIKE MANNER

WESTERN COMPANY