

FILE NOTATIONS

Entered in NED File ✓
 ✓
 Card Indexed ✓

Checked by Chief
 Approval
 Disapproval

P.W.B.

 5-15-72

COMPLETION DATA:

Date Well Completed *9-19-72*

Location Inspected

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

Bond released
 State or Fee Land

LOGS FILED

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

WELL NO. SHELL-POTTER #1-14B5
API NO. 43-013-30127
SEC. 14, T. 02S, R. 05W
DUCHESNE COUNTY, UTAH

NOTES FROM COVER ON OLD WELL FILE:

CAUSE NO. 139-3/139-4 - SD

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

5. Lease Designation and Serial No.

Patented

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Potter ✓

9. Well No.

1-14B5

10. Field and Pool, or Wildcat

Altamont *cl*

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

NE/4 NE/4 Section 14-T 2S-R 5W

12. County or Parrish 13. State

Duchesne Utah

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 Division Production)

3. Address of Operator

1700 Broadway, Denver, Colorado 80202

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

At surface

1162' FNL and 872' FEL Sec 14

At proposed prod. zone

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

2 miles SE of Talmage

15. Distance from proposed* location to nearest

872' from sec and

16. No. of acres in lease

480

17. No. of acres assigned to this well

640

property or lease line, ft. (Also to nearest drlg. line, if any)

property line

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

None

19. Proposed depth

13,700'

20. Rotary or cable tools

Rotary

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

6682 GL (Ungraded)

22. Approx. date work will start*

Already spudded

23. PROPOSED CASING AND CEMENTING PROGRAM

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

As per attached drilling prognosis and certified survey plat.

1373/1399
OC

Verbal approval to spud obtained from Mr. Cleon Feight 5-11-72

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

24. Signed *J.C. Howard* Title Division Operations Engineer Date May 11, 1972

(This space for Federal or State office use)

Permit No. 43-013-30127 Approval Date

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

T2S, R5W, U. S. M.

S89°48'W

80.20

1162'

872'

1-14 B 5
Elev. Ungraded Ground
6682'

14

N0°02'W

N0°01'W

S89°56'W

80.42

X = Corners Found & Used (Stone).

PROJECT

SHELL OIL COMPANY

Well location, 1-14 B 5, located as shown in the NE 1/4 NE 1/4 Section 14, T2S, R5W, 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.

Lena Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 28 February 1972
PARTY G.S., M.S. & S.S.	REFERENCES GLO Plat
WEATHER Cool	FILE Shell Oil Company

DRILLING WELL PROGNOSIS

WELL NO. Potter 1-14B5
 TYPE WELL Development
 FIELD/AREA Altamont

5-1572

APPROX. LOCATION (SUBJECT TO SURVEY) NE 1/4, Section 14-T2S-R5W, Duchesne County, Utah

EST. G. L. ELEVATION 6,680' PROJECTED TD 13,700' OBJECTIVE Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17 1/2"	13 3/8"			300' ± (Through Boulders)	SAMPLES: 30' from surface to 7,000 feet 10' from 7,000' to T.D. CORES: None DST'S:
12 1/4"	9 5/8" 5,400'	BHC (Thru 9 5/8" csg)		TGR ₁ 4,900'	
8 3/4"	7" To Surf 11,500'	Sonic, DIL, CNL/FDC 9000' 2 Man Logging Unit	1°/1000'	TGR ₃ 9,550' T. Wasatch 11,300' Top of First 11,400' Red Tongue Base of First 11,500' Red Tongue Top Red Beds 12,000' Base Red Beds 12,300'	DEVIATION CONTROL 1°/1000'; Dogleg severity not to exceed 1 1/2°/100'. CEMENT See casing & cementing prognoses MUD See Mud Program
6 1/8"	5" Liner	Sonic, DIL, CNL/FDC 2 Man Logging Unit		T. Wasatch Lake 13,100' T.D. 13,700'	

ORIGINATOR: R. Duran DATE 5/1/72

ENGINEERING APPROVAL: PAV

PETROLEUM: P.O.H. For P.W.S.

OPERATIONS: [Signature]

OPERATIONS APPROVAL:
[Signature]
 DIV. DRILLING SUPT.

May 15, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Potter #1-14B5
Sec. 14, T. 2 S, R. 5 W, USM
Duchesne, Utah

Gentlemen:

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

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: (801) 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

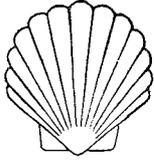
The API number assigned to this well is 43-013-30127.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

July 7, 1972

Re: Request To Commingle
Altamont Field
Duchesne County, Utah

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

Dear Mr. Feight:

This is a request for authorization to commingle treated oil in common storage facilities from wells in the Altamont Field, Duchesne County, Utah. The wells are the Shell Farnsworth 1-13B5 and Shell Potter 1-14B5 located as shown on Figure No. 1. The following discussion outlines our proposed system to commingle.

The centralized facility with common tankage for the wells would be located near the Farnsworth 1-13B5 well site. Figure No. 2 shows the proposed equipment layout at the central facility. The total, untreated production from each well flows to individual heater-treaters where the oil, gas and water is separated. The treated oil from the heater-treater will be continuously metered through a Lease Automatic Custody Transfer (LACT) type measuring system prior to flowing into common storage tanks. Tank bottom circulation (treating) from the storage tanks, is to a separate heater-treater to eliminate possible double metering of oil.

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

Mr. Cleon B. Feight

2

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

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

Yours very truly,

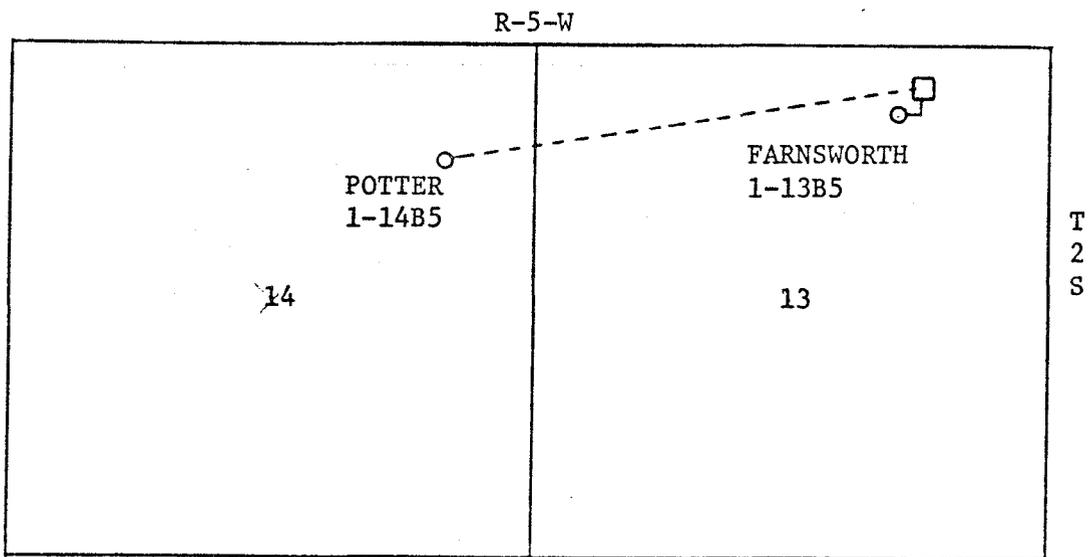


N. J. Isto
Division Production Manager
Rocky Mountain Division

GLS:mls

Attachments

LOCATION PLAT
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH



□ COMMON BATTERY LOCATION

--- PROPOSED FLOWLINE



FLOW DIAGRAM FOR PROPOSED
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD, UTAH

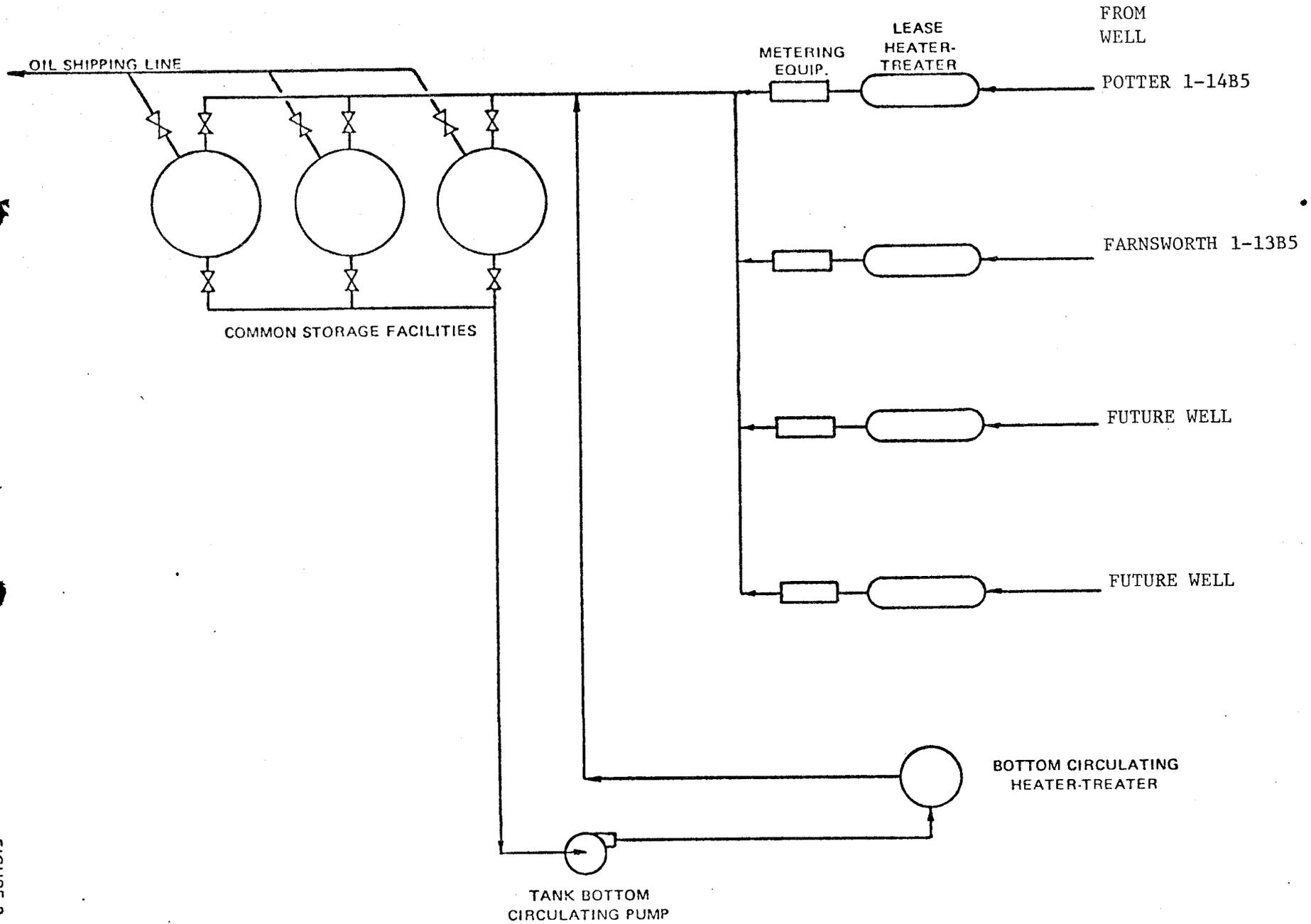


FIGURE 2

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

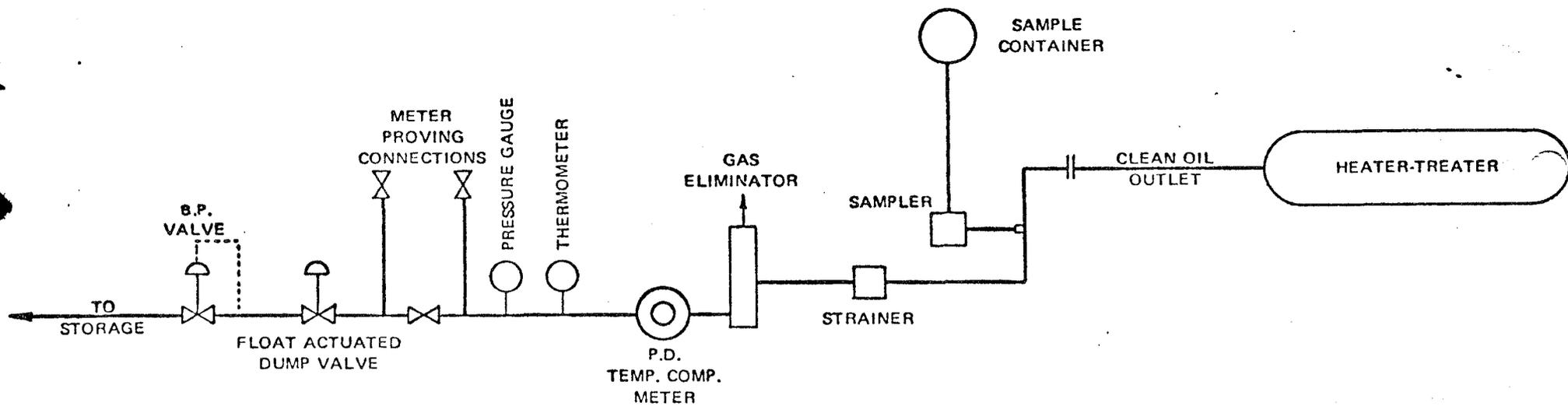


FIGURE 3

July 10, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

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

Re: Shell-Farnsworth #1-13B5,
Sec. 13, T. 2 S, R. 5 W,
Shell-Potter #1-14B5,
Sec. 14, T. 2 S, R. 5 W,
Duchesne County, Utah

Dear Mr. Isto:

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

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FREIGHT
DIRECTOR

CBF:sd

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

PKS

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Potter

9. WELL NO.

1-14B5

10. FIELD AND POOL, OR WILDCAT

Altamont

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

NE/4 NE/4 Section 14-T 2S-R 5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1162' FNL and 872' FEL Sec 14
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30127
DATE ISSUED 5-15-72

15. DATE SPUNDED 5-10-72
16. DATE T.D. REACHED 8-9-72
17. DATE COMPL. (Ready to prod.) 9-19-72
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6682 GL, 6708 KB
19. ELEV. CASINGHEAD 30'

20. TOTAL DEPTH, MD & TVD 13,734
21. PLUG, BACK T.D., MD & TVD 13,684
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
25. WAS DIRECTIONAL SURVEY MADE

Wasatch-Flagstaff perfs 11,652-13,659

Yes

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

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	323'	17 1/2"	450 SX	0
9 5/8"	40#	7200'	12 1/4"	500 SX	0
7"	26#	11,644'	8 3/4"	700 SX	0

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,308	13,732	363				

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

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-19-72		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-10-72	24	36/64"	→	1012	1171	129	1157
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
700	80	→	1012	1171	129	43.5° API	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used on rig, treaters and heaters and remainder flared
TEST WITNESSED BY

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

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 December 13, 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. OIL WELL COMPLETE. On 24-hr test ending 7 AM 10/11/72, flowed 1012 BO, 129 BW and 1171 MCF gas on 36/64" chk w/700 psi FTP and 80 psi CP from Wasatch-Flagstaff perms as follows: 11,652, 11,683, 11,689, 11,695, 11,724, 11,742, 11,753, 11,774, 11,785, 11,794, 11,842, 11,877, 11,885, 11,959, 11,984, 11,991, 12,145, 12,169, 12,212, 12,224, 12,258, 12,267, 12,293, 12,313, 12,340, 12,353, 12,475, 12,489, 12,502, 12,554, 12,562, 12,660, 12,762, 12,789, 12,814, 12,864, 13,064, 13,094, 13,197, 13,290, 13,310, 13,334, 13,348, 13,368, 13,377, 13,389, 13,403, 13,507, 13,606, 13,627, 13,632, and 13,659.

Oil Gravity: 43.5° API @ 60°F

Test Date: 10/10/72. Initial Prod Date: 9/19/72.

Elev: 6682 GL, 6708 KB.

/ Log Tops: TGR-3	9,590 (-2882)
UPPER WASATCH TRANSITION	11,160 (-4452)
LOWER WASATCH TRANSITION	12,300 (-5572)
FLAGSTAFF	12,635 (-5927)

This was a routine development well.
FINAL REPORT. OCT 12 1972

CASING AND CEMENTING

FIELD ALTAMONT WELL POTTER 1-14B5 KB TO CHF 27.40'

Shoe jt started in hole 8 PM 8-12-72

Ran 56 jts 18# 5" OD N-80 SFJ-P liner to 13,732'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&C</u> <u>LT&C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
	18#	5" x 7" x 26#	Burns liner hgr		7.50	11,308.69	11,316.19
53	18#	N-80	SFJ-P	X	2283.25	11,316.19	13,599.44
	18#	5" B & W Float Collar (Diff)			2.08	13,599.44	13,601.52
3	18#	N-80	SFJ-P	X	128.18	13,601.52	13,729.70
	18#	5" Halco Float Shoe (Diff)			2.30	13,729.70	13,732.00

Liner hung 2' off bottom

56 jts Total
(2411.43')

Top of liner at 11,308.69
Top of B & W Float Diff Collar at 13,599.44
Top of Halco Float Diff Shoe at 13,729.70

No. Make and Type:

12 centralizers spaced 6 from shoe and every 200'.

Cementing:

Broke circ at 3 AM 8-15-72 w/1100 psi. Reciprocated and circ 3 hrs. With 3½ bbls ahead, cemented through shoe at 13,732' w/363 sx Class "G" cement, 2% gel, 30% silica flour and .2% HR-4 (wt 15-15.2#/gal). Mixing complete in 120 min. Max press 1300 psi. Plug down 9:50 AM 8-15-72 w/1800 psi. Bled back 1 bbl.

CASING AND CEMENTING

FIELD ALTAMONT WELL POTTER 1-14B5 KB TO CHF 30.10'

Shoe jt started in hole at 1:30 PM 7-5-72

Ran 269 jts 26# S-95 LT&C 7" casing to 11,644'

<u>JTS</u>	<u>WT</u>	<u>GRADE</u>	<u>ST&C</u> <u>LT&C</u>	<u>NEW</u>	<u>FEET</u>	<u>FROM</u>	<u>TO</u>
269	26#	S-95	LT&C	X	11,614	30.10	11,644

269 jts Total

B & W Fillup Collar at 11,513

B & W Fillup Shoe at 11,644

No. Make and Type:

6 centralizers spaced 5' from above shoe and every other jt on collars

Cementing:

Reciprocated and circulated 50 min. With 20 bbls water ahead, cemented through shoe at 11,644' with 600 sx Hal Lite cmt (slurry 12.4 ppg), followed by 100 sx Class "G" cmt (slurry 15.8 ppg). Displaced w/442 bbls mud. Bumped plug w/2000 psi, bled back 4 bbls. Float held ok. CIP 3:30 AM. Had good circ while cmtg.

CASING AND CEMENTING

FIELD ALTAMONT WELL POTTER 1-14B5 Rig Floor-CHF 28.65

Shoe jt started in hole 9:15 AM 6-4-72

Ran 180 jts 40# "K" ST&C 9 5/8" csg to 7200'

<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>
180	40#	K	X	X	7168	CHF	7200

180 jts Total

B & W Fillup Collar at 7111'

B & W Fillup Shoe at 7200'

No. Make & Type:

4 centralizers spaced 5' above shoe from 6880-7195

Cementing:

Ran and cmtd 180 jts 40# "K" ST&C 9 5/8" csg at 7200' w/400 sx Dow lite (12.4#/gal) followed by 100 sx Class "G" (15.8#/gal). Washed down from 7070-7200'. Circ w/ air and water and mixed cmt. Bumped plug w/2,000 psi. Float held ok. CIP 11:25 PM. Stripped BOP's and landed csg in slips. Pumped 300 sx Class "G" cmt containing 2% CaCl₂ in 13-3/8" x 9 5/8" annulus - no fillup. Pumped in 300 add'l sx in two stages w/no fillup.

OIL WELL
SHELL OIL COMPANY

ALTAMONT

LEASE POTTER
DIVISION ROCKY MOUNTAIN
COUNTY DUCHESNE

WELL NO. 1-14B5
ELEV 6708 KB
STATE UTAH

FROM: 5-12 - 10-12-72

OCT 27 1972

UTAH

ALTAMONT

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test

"FR" 160/97/2/160. Prep to recmt conductor.
Located 1162' FNL and 872' FEL, Section 14-T2S-R5W,
Duchesne County, Utah
Elev: 6682 GL (ungraded)
13,700' Wasatch Test
Shell Working Interest: 100%
Drilling Contractor: Brinkerhoff Drilling Co.
This is a routine Wasatch development test.
Well spudded 8 PM, 5/10/72. Cmtd cond pipe w/35 sx
cmt. Dev: 3/4° @ 77' and 1° @ 160'

MAY 12 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

5/13: 293/97/3/133. Drilling.
Mud: Spud mud
5/14: 323/97/4/30. Installing csg head. Dev: 3/4°
@ 293'. Ran and cmtd 8 jts (327') 13-3/8" OD 68# csg
to 323' w/450 sx Class "G" cmt plus 3% CaCl₂. CIP @
8 PM 5/13. Had cmt returns. WOC. Cleaned cellar and
cut off csg.

Mud: Spud mud
5/15: 421/97/5/98. Drilling. Finished installing
13-5/8" csg head and tested to 1000 psi. Nipped up
BOP (Hydril). Repaired No. 2 pump clutch and ran in
hole w/BHA. Tested cst to 500 psi, held OK. Drld cmt
and plugs for 2 1/4 hrs. MAY 15 1972
Mud: Wtr

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

1083/97/6/662. Tripping. Dev: 1/2° @ 776' and 1/4° @
892'.
Mud: Wtr MAY 16 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

1583/97/7/500. Drilling. Dev: 1° @ 1249' and 1580'.
Laid down two bad DC's and replaced same. CO to btm,
gaining circ.
Mud: Wtr. MAY 17 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

2117/97/8/534. Spotting pill. Dev: 3/4° @ 1670'
and 1/4° @ 2062'. Tripped for new bit @ 1675. Lost
circ while drlg @ 2117 - unable to regain returns.
Pulled 2 stds and mixed sawdust pill.
Mud: Wtr MAY 18 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

2189/97/9/72. Drilling. After spotting LCM pill,
could not circ hole. Pulled out of hole - could not
fill. RU rotating head and blooie line and ran in hole.
MAY 1 9 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

5/20: 2690/97/10/501. Tripping for new bit. Dev:
1/4° @ 2660'.
Mud: Aerated lime wtr (1100 cu ft/min)
5/21: 3106/97/11/416. Drilling. Changed rubber in
rotating head and dressed reamer.
Mud: Aerated wtr (1100 cu ft/min)
5/22: 3555/97/12/449. Drilling. Dev: 0° @ 3200'.
Tripped for new bit @ 3204. Circ and reamed 40'.
Mud: Aerated lime wtr (1100 cu ft/min) MAY 2 2 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

4005/97/13/450. Drilling. Dev: 1/4° @ 3740'. Tripped
for new bit @ 3744'.
Mud: Aerated lime wtr (1100 cu ft/min) MAY 2 3 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

4380/97/14/375. Drilling. Dev: 1/2° @ 4222'. Tripped
for new bit @ 4222. Circ hole. MAY 2 4 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

4615/97/15/235. Drilling. Tripped for new bit @
4455'. Changed rotating head. Circ prior to taking
survey @ 4455 - no picture.
Mud: Aerated lime wtr (1100 cu ft/min) MAY 2 5 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13-3/8" csg @ 323'

4975/97/16/360. Drilling. Finished tripping in w/new
bit and circ hole.
Mud: Aerated wtr (1100 cu ft/min) MAY 2 6 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13 3/8" csg @ 323'

5/27 5255/97/17/280. Drilling.
Dev: 1° @ 5217. 1 hr repairing rig.
Mud: Air lime water.
5/28 5498/97/18/243. Tripping for bit. Dev: 3/4° @ 5498'.
Mud: Air, lime water.
5/29 5742/97/19/244. Drilling.
Mud: Air, lime water.
5/30 5985/97/20/243. Drilling. MAY 3 0 1972
Mud: Air, lime water.

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13 3/8" csg @ 323'

6195/97/21/210. Drilling
Broke circ after shutting off air. MAY 31 1972
Mud: air, lime water

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13 3/8" csg @ 323'

6408/97/22/213. Tripping to change bits.
Dev: 1° @ 6400'.
Mud: Air, lime water JUN 1 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13 3/8" csg @ 323'

6686/97/23/278. Drilling. Hole open on trip. No
fillup noted. Reamed to bottom 6274-6408. Unloaded
hole - broke circ. Strapped in hole, no correction.
Trip gas - 530 units, gas units dropped slowly to 30 units
Background - 30 units
Connection - 130 units JUN 2 1972
Mud: Air, lime wtr.

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
13 3/8" csg @ 323'

6/3: 7156/97/24/470. Drilling.
Mud: Air, lime wtr
6/4: 7200/97/25/44. Pulling out of hole; prep to run csg.
Eastman survey. Retrieved wear bushing.
6/5: 7200/97/26/0. Flanging up.
Pulled wear bushing. Ran and cmt 180 jts 40# "K" ST&C 9 5/8"
csg at 7200' w/400 sx Dow lite (12.4#/gal) followed by 100 sx
Class "G" (15.8#/gal). Washed down from 7070'-7200'. Circ
w/air and water and mixed cmt. Bumped plug w/2000 psi. Float
held ok. CIP 11:25 p.m. Stripped BOP's and landed csg in
slips. Shoe at 7200'. Fillup collar at 7111'. JUN 5 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

7200/97/27/0. Flanging up. Pumped 300 sx Class "G"
cmt containing 2% CaCl₂ in 13-3/8" x 9-5/8" csg annulus -
no fill up. Pumped in 300 add'l sx in 2 stages w/no
fill up. Ran CBL from 7103-5180. Top of cmt @ 5550'.
Good cmt from 7103-6000'. JUN 6 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

7200/97/28/0. Tripping in. Flanged up kill line, chk
line and set chk skid. Mixed and pmpd into 13-3/8 x
9-5/8 annulus 300 sx 12.4 ppg gel cmt in 150-sk stages
w/no fill up. Tested BOP stack, kelly cock, inside
BOP's and chk lines to 5000 psi. JUN 7 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

7326/97/29/126. Tripping w/new bit. Drld out FC @
7111 and CO cmt to 7180. Tested csg to 2500 psi, OK.
Drld out shoe @ 7200. JUN 8 1972
Mud: Aerated Wtr

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

7770/97/30/444. Drilling. Tripped in w/new bit.
Washed and reamed 15' to btm. JUN 9 1972
Mud: wtr.

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

6/10: 8215/97/31/445. Drilling.
Mud: Wtr
6/11: 8698/97/32/483. Drilling for new bit.
Mud: Wtr
6/12: 9100/97/33/402. Drilling. Dev: 1-3/4° @ 8698'.
Washed 80' to btm. JUN 12 1972
Mud: Wtr

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

9950/97/34/850. Drilling. Planning to mud up.
Mud: Wtr JUN 13 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

10,225/97/35/275. Drilling. Drld to 9980 and dis-
placed w/600 bbls gel mud. Pulled 30 stds into csg.
Washed 45' to btm. Lost approx 50 bbls mud while
drldg since mudding up. Background gas: 40-60 units.
No connection gas.
Mud: (gradient .468) 9.0 x 35 x 10.0 JUN 14 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

10,573/97/36/348. Tripping for new bit. Incr mud to
9.2 ppg @ 10,400'. Lost approx 300 bbls mud last 24
hrs. Experiencing some tight hole on connections.
Background gas: 60 units.
Mud: (gradient .478) 9.2 x 35 x 6.2 JUN 15 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

10,670/97/37/97. Drilling. Started trip in w/new
bit, circ @ 7000'. Continued tripping in hole, washing
60' to btm. Lost 40 bbls mud on trip. Background gas:
20 units. Trip gas: 250 units.
Dev: 3° @ 10,570' JUN 16 1972
Mud: (gradient .494) 9.5 x 36 x 8.0

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

6/17: 10,955/97/38/285. Drilling. Lost approx 75
bbls mud last 24 hrs, losing majority while drlg @
10,900-930. Incr mud wt from 9.5 to 9.7 ppg @ 10,870.
Background gas: 150 units. Connection gas: 270 units.
Had small drlg break from 10,886-10,890 w/830 units gas.
Mud: (gradient .504) 9.7 x 35 x 4.0 (2% LCM)

6/18: 11,185/97/39/230. Drilling. Lost 275 bbls mud.
Background gas: 185 units w/10.4 ppg mud. Connection
gas: 325 units w/10.4 ppg mud. Max gas: 850 units w/
10 ppg mud.

Mud: (gradient .540) 10.4 x 36 x 6

6/19: 11,214/97/40/29. Tripping for new bit. Circ
and washed to btm, drlg on jk. Lost half of cone on bit.
Dropped multishot survey, hanging up in DC.

Mud: (gradient .540) 10.4 x 37 x 6.4

JUN 19 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,260/97/41/46. Drilling. Finished tripping in w/new
bit. Circ hole, unplugged DC and tried to locate survey
tool. Background gas: 150 units. Trip gas: 550 units.
Mud: 10.4 x 38 x 4

JUN 20 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,353/97/42/93. Tripping out w/multishot survey.
Background gas: 200 units. Connection gas: 325 units.
Lost 100 bbls mud last 24 hrs.
Mud: 10.5 x 37 x 5.6

JUN 21 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,357/97/43/4. Tripping out w/bit. Drld bridges from
8755-8900 and 10,000-10,150. Drld on jk 6½ hrs, losing
one cone off bit.
Mud: 10.5 x 40 x 4.0

JUN 22 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,360/97/44/3. Drilling on jk. Ran jk mill and milled
on cones lost off bit, making 3' w/mill. Background
gas: 150 units. Trip gas: 1750 units.
Mud: (gradient .540) 10.5 x 42 x 4.2

JUN 23 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

6/24: 11,361/97/45/1. Tripping in w/new bit. Ran 8-3/4"
jk mill and drld on cones lost off bit. Background gas:
100 units. Trip gas: 1800 units.

6/25: 11,378/97/46/17. Drilling. Finished trip w/new
bit and drld on jk 2 hrs. Background gas: 70 units.
Trip gas: 1750 units. Lost 325 bbls mud @ 11,368'.
Mud: (gradient .540) 10.5 x 40 x 4.4

6/26: 11,443/97/47/65. Drilling. Tripped for new
bit @ 11,399. Circ hole. Lost 100 bbls mud. Background
gas: 30 units. Trip gas: 1250 units.
Mud: 10.6 x 40 x 6

JUN 26 1972

Shell-Potter 1-14B5
(D) Brinkerhoff
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,508/97/48/65. Drilling. Lost 462 bbls mud @ 11,464.
Sptd LCM pill. Background gas: 20 units.
Mud: 10.7 x 42 x 5 JUN 27 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,538/97/49/30. Drilling. Made SLM - no correction.
Tripped in w/new bit, breaking circ @ 7200, 9500 and
washed 53' to btm. No mud loss on trip. Lost approx
50 bbls mud last 24 hrs. JUN 28 1972
Trip gas: 1600 units. Background gas: 90 units.
Mud: (gradient .561) 10.7 x 40 x 5.0 (15% LCM)

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,593/97/50/55. Drilling. Started losing mud @ rate
of 60 bbls/hr @ 11,592. Mixed and sptd 100-bbl pill
on btm. Pulled 20 stds. WO pill 3 hrs. Staged in
hole to btm, rec full returns. Lost approx 240 bbls
mud last 24 hrs. Background gas: avg 30 units, w/200
units after WO pill. JUN 29 1972
Mud: (gradient .561) 10.8 x 40 x 5.2 (25% LCM) (2% oil)

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
9-5/8" csg @ 7200'

11,653/97/51/60. Circ 10.9 ppg mud w/600 psi pump
press. Had drlg break from 11,608-11,616 and 11,644-
11,648. Checked for flow on 1st drlg break - well
did not flow. Circ after reaching TD before short trip.
Shut off pump and checked for flow. Well flowed. Circ
and cond, incr mud wt from 10.8 to 10.9. Lost approx
220 bbls mud. Avg background gas: 50 units w/max of
700 units in 24-hr period. Had 300 units gas after
well flowed small amt. No mud loss presently. JUN 30 1972
Mud: (gradient .567) 10.9 x 47 x 4.8 (25% LCM) (3% oil)

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
9-5/8" csg @ 7200'

7/1: 11,653/97/52/0. RU Schl. Hole not stable w/
10.9 ppg mud. Started losing mud while incr mud wt
to 11.0 ppg. Slowed pump to 300 psi and mixed add'l
LCM. Hole healed. Circ and cond 11 ppg mud and made
10 std short trip - hole OK. Circ out gas. Lost approx
300 bbls mud. Background gas: 35 units. Connection
gas: 120 units.

Mud: (gradient .572) 11.0 x 45 x 6.0 (25% LCM) (2% oil)

7/2: 11,653/97/53/0. Prep to log. Finished RU Schl.
Attempted to log - unable to get tool down. Hit bridge
@ 10,290. RD Schl and lubricator. Ran RR bit, breaking
circ @ 7200 and 9500. Reamed hole @ 10,290 - went to
btm. Circ out 160 units gas. Circ @ low press to avoid
losing excess mud. Lost approx 50 bbls last 24 hrs.

Mud: (gradient .572) 11.0 x 45 x 8.8 (25% LCM) (2% oil)

7/3: 11,653/97/54/0. Tripping. Logged 21½ hrs.

Mud: (gradient .572) 11.0 x 45 x 8 JUL 3 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
9-5/8" csg @ 7200'

7/4: 11,653/97/54/0. Tripping in to cond mud. Tried to circ @ 7200' - no returns. Sptd LCM pill @ 9500'. Pulled to 5000' - no circ. Pulled to 2000' and regained circ. Cut mud back to 10.8 ppg. Circ and 3000' and 5000'. Lost 350 bbls mud last 24 hrs. JUL 5 1972
Mud: 10.8 x 42

7/5: 11,653/97/55/0. Laying down DP. Circ @ 5000', 7000', 9000' and 11,653' w/lowered mud wt. Made 25 st short trip and circ after trip. Trip gas: 850 units.
Mud: (gradient .560) 10.8 x 44 x 8.4

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,653/97/56/0. Flanging up BOP's. Laid down DP, HWDP and DC's and RU to run csg. Ran 269 jts 7" S-95 LT&C 26# csg w/shoe @ 11,644 and collar @ 11,513 With 20 bbls wtr ahead, cmtd csg w/600 sx Hal lite cmt (slurry 12.4 ppg), followed by 100 sx Class "G" cmt (slurry 15.8 ppg). Displaced w/442 bbls mud. Bumped plug w/2000 psi, bled back 4 bbls. Float held OK. CIP @ 3:30 AM. Had good circ while cmtg. JUL 6 1972
Mud: 10.8 x 42 x 8.5

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,653/97/57/0. Testing BOP stack.
Landed csg in slips w/200,000#.
Flanged up and chgd pipe rams. JUL 7 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

7/8: 11,653/97/58/0. Picking up 3½" DP. Tested BOP's, mud lines and kelly cock. Picked up 15 DC's and started picking up 3½" DP. JUL 10 1972

7/9: 11,653/97/59/0. Drlg out cmt. Finished picking up 3½" DP, rubbered top 5000'. Circ and cond mud to 10.3 ppg. Started drlg out cmt. Top of cmt @ 11,348.

7/10: 11,653/97/60/0. Tripping in hole. Drl'd cmt from 11,340. Collar @ 11,513 and shoe @ 11,644. Tested csg to 2000 psi. Cond mud to 10.8 ppg. Drl'd out to 11,653.
Mud: 11.0 x 46 x 44

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,733/97/61/80. Drilling. Finished tripping in hole w/new bit.
Mud: (gradient .587) 11.4 x 52 x 6.0 JUL 11 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,845/97/62/112. Drilling.
Mud: (gradient .658) 12.3 x 44 x 4.0 JUL 12 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,938/97/63/93. Drilling. Circ out GCM @ 11,932.
Mud GC 13.7 to 12.6 w/max of 450 units gas. Background
gas before show: 2-6 units. Presently carrying 20
units. Incr mud wt from 12.3 to 13.7 (per prognosis).
Lost approx 70 bbls mud last 24 hrs. JUL 1 3 1972
Mud: (gradient .710) 13.7 x 45 x 4.1

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,015/97/64/77. Drilling. Lost approx 125 bbls mud
last 24 hrs. Max gas last 24 hrs: 450 units. Background
gas: 2 units.
Mud: (gradient .725) 14.0 x 44 x 4.3 JUL 1 4 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

7/15: 12,064/97/65/49. Repairing electric panel.
Checked for flow. Reduced pump rate and installed wear
bushing. Tripped out of hole for new bit - DC panel out.
Lost 100 bbls mud last 24 hrs.

Mud: (gradient .738) 14.2 x 45 x 4.3

7/16: 12,100/97/66/36. Drilling. Tripped to pick up
5 DC's and Dailey jars. Repaired electrical eqmt.
Circ @ 6000, 9000 and 11,600 and washed 95' to btm.
No mud loss last 24 hrs. Background gas: 3 units.
Max of 710 units last 24 hrs. Connection gas: 85 units.
Trip gas: 210 units. JUL 1 7 1972

Mud: (gradient .735) 14.2 x 44 x 4.2

7/17: 12,186/97/67/86. Drilling. Lost approx 150 bbls
mud last 24 hrs. Background gas: 4 units. Max of 500
units last 24 hrs. Connection gas: 500 units.
Mud: (gradient .735) 14.2 x 45 x 4.2

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,229/97/68/43. Circ @ 10,960. Drlg break from
12,225-12,229. Checked for flow. Lower kelly cock
parted. Dropped drill string 10' to btm. Ran over-
shot, engaged fish and pulled same, rec 13-2/3 stds
DP. Ran in w/overshot, bumper sub and 2 DC's.
Engaged fish and circ OK. Pulled to 10,960. Circ
btms up. JUL 1 8 1972
Mud: 14.1 x 45 x 4.3

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,229/97/69/0. Tripping. Pulled fish, laying down
15 crooked singles of DP. Magnafluxed DC's. Changed
3 DC's, 2 stabs and kelly. Started tripping in hole,
breaking circ @ 7200 and 9500. JUL 1 9 1972
Mud: 14.3 x 46 x 4.3

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
9-5/8" csg @ 7200'

7/4: 11,653/97/54/0. Tripping in to cond mud. Tried to circ @ 7200' - no returns. Sptd LCM pill @ 9500'. Pulled to 5000' - no circ. Pulled to 2000' and regained circ. Cut mud back to 10.8 ppg. Circ and 3000' and 5000'. Lost 350 bbls mud last 24 hrs. JUL 5 1972
Mud: 10.8 x 42

7/5: 11,653/97/55/0. Laying down DP. Circ @ 5000', 7000', 9000' and 11,653' w/lowered mud wt. Made 25 st short trip and circ after trip. Trip gas: 850 units.
Mud: (gradient .560) 10.8 x 44 x 8.4

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,653/97/56/0. Flanging up BOP's. Laid down DP, HWDP and DC's and RU to run csg. Ran 269 jts 7" S-95 LT&C 26# csg w/shoe @ 11,644 and collar @ 11,513 With 20 bbls wtr ahead, cmtd csg w/600 sx Hal lite cmt (slurry 12.4 ppg), followed by 100 sx Class "G" cmt (slurry 15.8 ppg). Displaced w/442 bbls mud. Bumped plug w/2000 psi, bled back 4 bbls. Float held OK. CIP @ 3:30 AM. Had good circ while cmtg. JUL 6 1972
Mud: 10.8 x 42 x 8.5

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,653/97/57/0. Testing BOP stack.
Landed csg in slips w/200,000#. JUL 7 1972
Flanged up and chgd pipe rams.

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

7/8: 11,653/97/58/0. Picking up 3½" DP. Tested BOP's, mud lines and kelly cock. Picked up 15 DC's and started picking up 3½" DP. JUL 10 1972

7/9: 11,653/97/59/0. Drlg out cmt. Finished picking up 3½" DP, rubbered top 5000'. Circ and cond mud to 10.3 ppg. Started drlg out cmt. Top of cmt @ 11,348.

7/10: 11,653/97/60/0. Tripping in hole. Drld cmt from 11,340. Collar @ 11,513 and shoe @ 11,644. Tested csg to 2000 psi. Cond mud to 10.8 ppg. Drld out to 11,653.
Mud: 11.0 x 46 x 44

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,733/97/61/80. Drilling. Finished tripping in hole w/new bit.
Mud: (gradient .587) 11.4 x 52 x 6.0 JUL 11 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

11,845/97/62/112. Drilling.
Mud: (gradient .658) 12.3 x 44 x 4.0 JUL 12 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,343/97/70/114. Drilling. Reamed 30' to btm. Circ
1½ hrs. No mud loss last 24 hrs. Background gas: 5
units. Connection gas: 280 units. JUL 2 0 1972
Mud: (gradient .740) 14.3 x 49 x 2.5

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,461/97/71/118. Drilling. Background gas: 5 units.
Connection gas: 40 units. JUL 2 1 1972
Mud: (gradient .740) 12.4 x 48 x 3.8

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

7/22: 12,544/97/72/83. Drilling. Circ hole and mixed
LCM. Lost 60 bbls mud @ 12,515. Background gas: 5
units. Connection gas: 425 units.
Mud: (gradient .740) 14.5 x 49 x 4.6
7/23: 12,580/97/73/36. Drilling. Tripped for new bit
@ 12,568. Circ @ 11,500' and 7000'. Washed 30' to btm.
Changed kelly; pin broke off - changed again. Background
gas: 3 units. Trip gas: 166 units. JUL 2 4 1972
Mud: (gradient .745) 14.6 x 58 x 3.3
7/24: 12,700/97/74/120. Drilling. Circ 30 min. Back-
ground gas: 5 units. Connection gas: 425 units.
Mud: (gradient .745) 14.6 x 50 x 6.1

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,807/97/75/107. Drilling. Changed kelly. Tripped
to csg shoe - back to btm and circ 30 min. Background
gas: 10 units. Connection gas @ 12,713: 1200 units.
Short trip gas: 250 units. JUL 2 5 1972
Mud: (gradient .755) 14.7 x 45 x 6.6

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,808/97/76/1. Circ. Tripped for new bit @ 12,808.
Hole not taking proper amt of mud. Ran back to btm and
checked well - small amt of flow. No DP press. Circ
gas up from btm and cut mud from 14.7 to 12.2 ppg. Mud
logger recorded 800 units gas. Built mud wt to 14.8 ppg.
Started losing mud. Added LCM. Checked well for flow -
flowing small stream of mud. Raised mud wt to 14.9 ppg.
Lost 125 bbls mud last 24 hrs. Background gas: 95 units.
Mud: (gradient .775) 14.9 x 48 x 6.0 JUL 2 6 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,814/97/77/6. Circ. Tripped for new bit @ 12,814.
Cond mud 10 hrs. Lost 186 bbls mud last 24 hrs.
Mud: (gradient .775) 14.9 x 48 x 4.5 JUL 2 7 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

12,818/97/78/4. Spotting pill. Stopped losing mud after adding LCM to mud system. Pulled mill tooth bit and jk basket, rec 2 small pcs of jk. Went in hole w/ dia bit and circ @ 7000, 9000 and 11,000. Washed btm 50'. Started losing mud while drlg - 50% returns. Stopped drlg and circ. Mixed and sptd 210-bbl LCM slurry. Plan to pull to approx 5000' and start staging in hole. Had 10 units gas past 24 hrs.
Mud: 14.9 x 48 x 8.2 (6% LCM) (2% oil) JUL 28 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

7/29: 12,818/97/79/0. Staging in hole. Finished sptd LCM pill. Pulled to 6500. WO hole to heal. Staged in hole 1000' at a time. Cut mud wt from 14.9 ppg to 14.8 ppg while staging in hole. Circ 3 jts off btm. No mud loss last 24 hrs. Background gas: 15 units. Max gas: 45 units.

Mud: 14.8 x 48 x 6.2 (12% LCM)

7/30: 12,882/79/80/64. Drilling. Finished staging in hole, washing down last 90'. No mud loss last 24 hrs. Background gas: 20 units. Max gas: 400 units.

Mud: (gradient .750) 14.8 x 50 x 6.0 (12% LCM) (2% oil)

7/31: 12,965/79/81/83. Drilling. No mud loss last 24 hrs. Background gas: 15 units. Connection gas @ 12,903: 1350 units; @ 12,935: 150 units. JUL 31 1972

Mud: (gradient .750) 14.8 x 51 x 6.5 (17% LCM) (1% oil)

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

13,045/79/82/80. Changing out kelly. Kelly cracked at btm on 6-5/8" left hand box. Pulled into csg. No mud loss last 24 hrs. Background gas: 50 units. Max gas: 750 units. AUG 1 1972

Mud: (gradient .750) 14.8 x 46 x 5.8 (8% LCM) (3% oil)

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

13,075/79/83/30. Drilling. Changed out kelly and kelly drive bushings. Tripped in hole, breaking circ @ 12,000'. Washed 30' to btm. No mud loss. Trip gas: 750 units. Connection gas: 150 units. Background gas: 60 units. AUG 2 1972

Mud: (gradient .750) 14.8 x 51 x 6.1

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

13,118/79/84/43. Testing BOP's and kelly valves. Slugged pipe and tripped out to change bits. Upper kelly valve leaking, replaced same. AUG 3 1972

Mud: (gradient .750) 14.8 x 50 x 6.1

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

13,153/79/85/35. Drilling. Finished testing BOP's, chk and kill lines, rams, kelly valves and std pipe w/5000 psi. Changed upper kelly valve. Tested hydril to 3000 psi. Tripped in hole to 9500' and broke circ. Finished tripping in hole, breaking circ @ 11,500 and 12,500. Washed last 30' to btm. No mud loss. Background gas: 110 units. Connection gas: 250 units. Max gas last 24 hrs: 500 units.
Mud: (gradient .750) 14.8 x 53 x 6.3 (\pm 4% LCM)

AUG 4 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

8/5: 13,241/79/86/88. Drilling. Tripped into csg to change swivel pkg. Had drag on stds #1, 2, 3, and 10. Reamed and re-reamed tight spot @ 13,160. Circ, washed and reamed 2 jts back to btm. No mud loss. Max gas: 525 units. Connection gas: 145 units. Background gas: 30 units.

Mud: (gradient .773) 14.9 x 54 x 5.2 (3% LCM)

8/6: 13,355/79/87/114. Drilling. Made wiper trip w/no drag. Pulled 11 stds. Started drlg @ 2:30 PM, 8/5/72. No mud loss last 24 hrs. Max gas: 650 units. Connection gas: 40 units. Background gas: 15 units.
Mud: (gradient .773) 14.9 x 56 x 4.8

8/7: 13,450/79/88/95. Drilling. Made short trip @ 13,417. Resumed drlg @ 7 PM. No mud loss. Max gas: 500 units. Connection gas: 155 units. Background gas: 154 units.

Mud: (gradient .774) 14.9 x 49 x 3.6

AUG 7 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

13,558/79/89/108. Drilling. Made 11 std wiper trip @ 13,550 - no drag. No mud loss last 24 hrs. Background gas: 10 units. Connection gas: 40 units. Max gas last 24 hrs: 350 units.

Mud: (gradient .774) 14.9 x 50 x 3.0

AUG 8 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,700' Wasatch Test
7" csg @ 11,644'

13,686/79/90/128. Drilling. No mud loss last 24 hrs. Background gas: 10 units. Connection gas: 30 units. Max gas: 280 units.

Mud: (gradient .774) 14.9 x 56 x 4.0

AUG 9 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
7" csg @ 11,644'

13,734/79/91/48. RU Schl to log. Drld deeper due to drlg break near TD. Circ drlg break and made caliper trip into csg w/no drag. Circ out, measuring out of hole. Had no mud loss last 24 hrs. Connection gas: 30 units. Background gas: 10 units. Max gas: 105 units.

Mud: (gradient .774) 14.9 x 50 x 4.0

AUG 10 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
7" csg @ 11,644'

13,734/79/92/0. Circ and cond mud. RU and ran Schl logs as follows: CNL-FDC, Sonic and Cal. Had two mis-runs. Broke circ @ 8000, 11,500 and 13,000. Now circ @ TD. Had no drag or fill-up. No mud loss last 24 hrs. Background gas: 30 units. Btms up gas: 500 units. Mud: (gradient .774) 14.9 x 63 x 4.0 AUG 11 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
5" liner @ 13,732'

8/12: 13,734/79/93/0. Circ hole prior to running liner. Circ and cond mud and pulled out of hole. RU Schl and ran Sonic w/cal from 13,734-11,644. Reran Sonic using special taping device. Pulled tool and removed cal. Reran Sonic - slick from 13,734-11,644. Did not run core slicer. RD Schl. Ran rerun bit and broke circ @ 8000, 11,500 and 13,000 and now circ and cond @ TD. Trip gas: 500 units.

Mud: (gradient .750) 14.9 x 58 x 4.3 (6% LCM)

8/13: 13,734/79/94/0. Circ and cond hole. RU to run 5" liner. Shop work required on liner running tools causing 7 hr delay. Had 750 units btms up gas.

Mud: (gradient .750) 14.9 x 53 x 6.2 (3% LCM)

8/14: 13,734/79/95/0. Circ liner. Ran 56 jts 5" 18# SFJ-P liner (2411'). Had difficulty w/liner hanger setting on connection. Circ out w/full returns. Hung liner 2' off btm @ 13,732. Unable to release liner. Made 25 rounds in rotary and trapped 8 rounds in pipe w/ tongs - worked pipe but unable to release. Trip gas: 500 units.

Mud: (gradient .750) 14.9 x 51 x 6.2 (3% LCM)

AUG 14 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
5" liner @ 13,732'

13,734/79/94/0. Circ w/liner on btm, prep to hang liner and cmt. Unable to release B&W liner hanger. Pulled B&W eqmt and laid down same. Went in hole w/Burns setting tool and circ and cond hole w/liner on btm.

Mud: (gradient .750) 14.9 x 50 x 6.3

AUG 15 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
5" liner @ 13,732'

13,734/79/95/0. Drlg cmt; CO to top of liner. Finished circ and cond w/liner on btm. Hung liner 2' of btm @ 13,732'. Released liner. Cmt w/363 sx Class "G" cmt w/2% gel, 30% silica flour and 0.2% HR-4. Plug bumped OK. CIP and plug on btm @ 9:50 AM, 8/15. Max and final press 1800 psi. Pulled running tools. Ran bit and scraper, tagging cmt @ 10,575. Top of liner @ 11,308. FC @ 13,599. Drld hd cmt @ 11,030.

Mud: (gradient .750) 14.9 x 52 x 6.4

AUG 16 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
5" liner @ 13,732'

13,734/79/96/0. DO cmt inside 5" liner. Drld cmt from 11,030 to 11,308, top of liner. Circ btms up. Tested csg to 450 psi, OK. Ran in hole w/three 3" DC's and 81 jts of 2-7/8" DP. CO liner from 11,308 to 13,598.
Mud: 14.9 x 49 x 6.5 AUG 17 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
5" liner @ 13,732'

13,734/79/97/0. PBTB 13,684. Testing csg @ 8400'. Finished DO firm cmt to 13,684. Circ hole clean. Pulled bit, scraper and jk sub, rec sev sml pcs of jk in basket. Ran M&M sqz tool to 11,210'. Tested lfner lap to 1100 psi and annulus to 1100 psi, OK. Displaced mud in DP w/81 BW. Set tool, released press and tested for in-flow for 30 min, OK. Reversed out wtr and released and pulled tool to 8400'.
Mud: 14.9 x 51 x 6.5 AUG 18 1972

Shell-Potter 1-14B5
(D) Brinkerhoff #41
13,734' Wasatch Test
5" liner @ 13,732'

8/19: 13,734/79/98/0. PBTB 13,684. Laying down 3 1/2" DP. Finished testing csg @ 8400' w/2100 psi, OK. Pulled tool to 5400' and attempted to set tool - tool failed. Replaced and ran back in hole to 5400'. Tested csg w/3100 psi for 15 min, OK. Pulled tool to 2600'. Tested csg to 4100 psi for 15 min, OK. Pulled tool.
Mud: 14.9 x 51 x 6.5

8/20: 13,734/79/99/0. PBTB 13,684. RDRT. Finished laying down DP, DC's and kelly. Nippled down BOP's. Installed tbg hd w/BP valve and nipped up Xmas tree. Released rig @ 9:30 PM, 8/19/72.

8/21: TD 13,734. PB 13,684. Prep to MORT. (RDUFA.)

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. (RRD 8/21/72) Prep to pick up tbg. MI&RU Western Oilwell Service 8/28. Removed valve. Installed BOP. AUG 29 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Picking up tbg. Tested BOP's to 5000 psi. Finished RU. Started to pick up tbg, picking up 2410' of tail, 7" csg scraper and 7500' of tbg. RU extra tongs to break and dope collars. AUG 30 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Pulling tbg. Finished picking up tbg. Ran tbg to 13,796. Ran 5-bbl gel plug. Circ out 14.9 ppg mud, circ until hole clean. Sptd 50 bbls 2% SW on btm. SI 15 min. Observed for flowback. Press tested to 4000 psi, OK. Started pulling tbg. AUG 31 1972

Shell-Potter I-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Running csg. Finished pulling
tbg. RU McC. RU lubricator. Press tested to 3000 psi.
Ran CBL, VDL and PDC logs from 13,660 to 9000' w/3000
psi. Top of cmt @ 9186. Cmt bonding fair to good.
Set Baker Model "D" pkr w/flapper but w/o jk pusher @
11,095. RD McC. SEP 1 1972

Shell-Potter I-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684.
9/2: Running prod eqmt. RU csg crew and ran 109 jts 5½"
14# K-55 heat string w/turn-down collars to 4520'. RD
csg crew. Started picking up prod eqmt.
9/3: RD workover rig. Ran prod eqmt as follows: Baker
Model "C" expendable plug holder w/Model "B" pushout plug
in place, 10' x 2-7/8" N-80 10rd nonperf'd prod tube,
seal assembly w/2 seals, Baker Model "EL" on-off connector
w/Otis 2.313" "N" nipple w/2.255" no-go, 3 jts (93')
2-7/8" EUE 8rd N-80 tbg, Camco KBMG mandrel w/dummy in place
set @ 11,002', 177 jts 2-7/8" (5002') EUE 8rd N-80 tbg,
Camco KBMG mandrel w/dummy in place @ 5499, 174 jts tbg,
one 6' sub, 1 jt tbg. Circ trtd wtr down back side.
Sptd 2% SW down tbg. Press tested tbg to 7500 psi for 1
hr, no leaks. Installed BP valve, removed BOP, installed
10,000 psi tree, removed BP valve, installed test plug and
tested tree to 10,500 psi, OK. Removed test plug.
Released rig @ 9 PM, 9/2/72.
9/4: Prep to perf. RD&MO Western Oilwell Service.
RU Camco. Knocked out Model "B" pushout plug. RD
Camco. MI&RU McC.
9/5: WO B-J for acid job. TP 4140 psi. Perf'd 1 hole
at each of following depths w/2" magnetic decentralized
steel tube carrier gun w/JRC charges: 11,652, 11,683,
11,689, 11,695, 11,724, 11,742, 11,753, 11,774, 11,785,
11,794, 11,842, 11,877, 11,885, 11,959, 11,984. Press
from 110 to 1310 psi. At 11,984 gun jumped, kicking
line above collar locator. Replaced collar locator.
Press dropped from 1350 to 1310 psi. Perf'd 11,991,
12,145, 12,169, 12,212, 12,224, 12,258, 12,267, 12,293,
12,313, 12,340, 12,353, 12,475, 12,489, 12,502, 12,554.
Press from 1460 to 1420 psi. Perf'd 12,502, 12,660,
12,762, 12,789, 12,814, 12,864, 13,064, 13,094, 13,197,
13,290, 13,310, 13,334, 13,348, 13,368 and 13,377. Press
from 2280 to 2320 psi. Perf'd 13,659, 13,632, 13,627,
13,606. Press from 2280 to 1940. Perf'd 13,507, 13,403,
13,389. Press from 1700 to 1680 psi. SEP 5 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. WO B-J. TP 4200 psi. MI acid
tank and filled w/wtr. SEP 6 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Prep to AT. MI&RU B-J on 9/6.
SEP 7 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Prep to flow to pit to clean up.
TP 2500 psi. AT gross perfs 11,652-13,659 w/27,000 gal
15% HCl. Each 1000 gal acid contained 20# G-5, 3 gal
C-15, 3 gal G-7 and 3 gal J-20. Distributed sixty-two
7/8" phenolic ball sealers (1.4 gravity) throughout acid.
Flushed w/5000 gal FW containing 165# NaCl and 20# G-5/
1000 gal. Max press 9600 psi, avg 9000 psi, min 7800 psi.
Max rate 12 B/M, avg 11 B/M, min 9.5 B/M. ISIP 5000 psi,
decr to 4500 psi in 5 min, to 4400 psi in 10 min, to 4300
psi in 15 min, to 4200 psi in 20 min. Avg HP 2420. Ball
inj malfunctioned w/50 balls in - did not ball out. Ball
action from 200-800 psi. Job completed @ 10:50 AM, 9/7.
RD B-J. SEP 8 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684.
9/9: Well SI. Opened well to pit @ 8 AM, 9/8 on 64/64"
chk. TP after 20 min, 500 psi, after 3 hrs 500 psi. Ran
on various chks for 1 hr w/press as follows:

Chk	TP	Chk	TP
32/64"	1600	40/64"	1100
34/64"	1400	42/64"	1050
36/64"	1200	48/64"	875
38/64"	1100	54/64"	780

ISIP 1450 psi, incr to 3100 psi in 15 min. RU B-J.
Pumped 70 bbls diesel down tbg. Avg press 4800 psi,
avg rate 1.25 B/M. Closed well in. (RDUFA) SEP 11 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner at 13,732'

TD 13,734. PB 13,684. Flowing. (RDD 9-11-72)
On various tests, well flowed as follows:

Date	Hr Test	BO	BW	MCF Gas	Chk	FTP	CP
9/20	12	1138	50	1003	22/64"	2050	130
9/21	24	2229	28	1222	29/64"	1400	140
9/22	22	2007	17	1958	29/64"	1250	150

SEP 22 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr tests, well
flowed as follows:
SEP 25 1972

Date	BO	BW	MCF Gas	Chk	FTP	CP
9/23	1948	18	2051	29/64"	1150	165
9/24	1908	15	1003	31/64"	1000	175
9/25	1833	6	1003	34/64"	950	195

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, well
flowed 1722 BO, 3 BW and 1003 MCF gas on 34/64" chk w/
900 psi FTP and 195 psi CP. SEP 26 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test,
flowed 1834 BO, 4 BW and 1535 MCF gas on 24/64"
chk w/1050 psi FTP and 185 psi CP. SEP 27 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, flowed
1823 BO, 10 BW and 1309 MCF gas on 25/64" chk w/1150
psi FTP and 150 psi CP. SEP 28 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, flowed
1186 BO, 11 BW and 1310 MCF gas on 25/64" chk w/1075 psi
FTP and 175 psi CP.
Correction to 9/28 report: Flowed 1128 BO in 23 hrs
instead of 1823 BO in 24 hrs.
Addition of statement to 9/27 report: Produced 1834 BO,
4 BW and 1535 MCF gas on 34/64" chk. Cut chk back to
25/64". SEP 29 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Well SI. On various tests, flowed
as follows:
OCT 2 1972

Date	Hrs	BO	BW	MCF gas	Chk	FTP	CP
9/30	23	1264	34	1560	34/64"	975	180
10/1	24	1350	47	1496	34/64"	850	185
10/2	9	584	67	564	34/64"	825	180

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, well
flowed 1286 BO, 58 BW and 1455 MCF gas on 36/64" chk
w/800 psi FTP and 150 psi CP. OCT 3 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, flowed
1271 BO, 63 BW and 1580 MCF gas on 36/64" chk w/800 psi
FTP and 180 psi CP. OCT 4 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, well
flowed 1259 BO, 58 BW and 1278 MCF gas on 36/64" chk
w/950 psi FTP and 90 psi CP. OCT 5 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, flowed
1239 BO, 57 BW and 1278 MCF gas on 36/64" chk w/700 psi
FTP and 100 psi CP. OCT 6 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On various tests, 1972
well flowed as follows:
OCT 9

Date	Hrs	BO	BW	MCF Gas	Chk	FTP	CP
10/7	24	1103	62	1135	36/64"	700	100
10/8	24	1129	47	1068	36/64"	700	100
10/9	22	890	80	835	36/64"	650	100

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, well
flowed 930 BO, 114 BW and 1171 MCF gas on 36/64" chk
w/650 psi FTP and 100 psi CP. OCT 10 1972

Shell-Potter 1-14B5
(D)
13,734' Wasatch Test
5" liner @ 13,732'

TD 13,734. PB 13,684. Flowing. On 24-hr test, flowed
1012 BO, 129 BW and 1171 MCF gas on 36/64" chk w/700
psi FTP and 80 psi CP. OCT 11 1972

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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Shell Oil Company</p> <p>3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1162' FNL & 872' FEL Section 14</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Potter</p> <p>9. WELL NO. 1-14B5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 14-T2S-R5W</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.) 6708 KB</p>	

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

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

BY: _____

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

SIGNED J.W. Kinneil TITLE Div. Opers. Engr. DATE 9/24/76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

INSTALL GAS LIFT EQUIP

ALTAMONT

SHELL OIL COMPANY

LEASE

POTTER

WELL NO.

1-14B5

DIVISION

WESTERN

ELEV

6708 KB

FROM: 9/9 - 9/24/76

COUNTY

DUCHESNE

STATE

UTAH

UTAH

ALTAMONT

Shell-Potter 1-14B5
(Install gas lift equip)

"FR" TD 13,734. PB 13,684. WO #420747 provides funds to equip well for gas lift. MI&RU CWS #8. Press tested csg to 1500 psi, ok. Pmp'd 80 bbls prod wtr down tbg; well on vac. Removed WH equip. Installed 10" 10,000# BOP's. SD for night.
SEP 09 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. SIP 0. Installed 5000# BOP's. Prep to CO prod liner. SD for night. SEP 10 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. Ran thru pkr @ 11,095 w/2-3/8 tbg & CO 5" prod liner to PB. Spt'd 1700 gals 15% acid in liner, pulled tbg tail to 11,000 & let acid set 1 hr 45 mins. Displ'd acid into frm w/80 bbls prod wtr. Pulled tbg & SD for night. 9/11 SIP 0. Ran tbg and mandrels with valves @ 10,997, 10,303, 9612, 8912, 8212, 7013 & 2906. Press'd tbg and tree to 5000 psi, ok. SD for night. SEP 13 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. SIP 0. Connected well to gas lift & fished SV. Released rig 9/13/76. Turned well over to prod.
SEP 14 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 29 BO, 56 BW, 25 MCF gas w/250 psi.
SEP 15 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 520 BO, 169 BW, 1412 MCF gas w/1300 psi.
SEP 16 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 234 BO, 481 BW, 1235 MCF gas w/1290 psi.
SEP 17 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
9/18:	24	131	549	1412	1280
9/19:	24	70	406	849	1170
9/20:	24	142	436	1019	1200

SEP 20 1976

Shell-Potter 1-14B5
(Install gas lift equip)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 188 BO, 424 BW, 883 MCF gas w/1240 psi inj press.
SEP 21 1976

Shell-Potter 1-14B5 TD 13,734. PB 13,684. On 24-hr test, gas lifted 186 BO,
(Install gas lift equip) 426 BW, 688 MCF gas w/1260 psi inj press. SEP 22 1976

Shell-Potter 1-14B5 TD 13,734. PB 13,684. On 24-hr test, gas lifted 389 BO,
(Install gas lift equip) 678 BW, 1528 MCF gas w/1280 psi inj press. SEP 23 1976

Shell-Potter 1-14B5 TD 13,734. PB 13,684. On 24-hr test 8/26/76 prior to
(Install gas lift equip) work, prod 0 BO, 0 BW, 4 MCF gas w/100 psi. On 24-hr test
dated 9/23/76 after work, gas lifted 389 BO, 678 BW, 1528
MCF gas w/1280 psi inj press.
FINAL REPORT SEP 24 1976

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. <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 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 1162' FNL & 872' FEL Section 14</p> <p>14. PERMIT NO.</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Patented</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Potter</p> <p>9. WELL NO. 1-14B5</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont</p> <p>11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 14-T2S-R5W</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6708 KB</p>		

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

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

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

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

See attachment



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Nov 1, 1977
BY: J. L. Ansell

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

SIGNED R. Plaudy TITLE Div. Ops. Engr. DATE OCT 28 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS w/attachment

MO PKR, CO & SPT ACID

SHELL OIL COMPANY

FROM: 9/21 - 10/10/77

ALTAMONT

LEASE

POTTER

WELL NO.

1-14B5

DIVISION

WESTERN

ELEV

6708 KB

COUNTY

DUCHESNE

STATE

UTAH

UTAH

ALTAMONT

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

"FR" TD 13,734. PB 13,684. WO provides funds to mill out Mdl D pkr, CO to PBD & spt acid. Bled csg to bty. 9/17 MI&RU CWS #25 & pmp'd 150 bbls down tbg; well on vac. Removed WH & installed BOP. Released seal assy from pkr & pulled tbg & LD gas mndrls. 9/19 RIH w/Bkr pkr picker. Pmp'd 300 BW; unable to get circ. Milled on pkr; pkr came free. Pulled 10' & pkr stuck. 9/20 Milled 1 hr & pkr came free. Pulled 150' of tbg & pkr stuck. Jar'd & milled 4 hrs; pkr came free. Started to get circ. POOH w/pkr drag'g. Left approx 1000' in hole. SD for night.

SEP 21 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. POOH & LD Mdl D pkr & pkr picker. RIH w/4-1/8 mill, WP, hyd jars & bumper jars. Ran to top of liner & pmp'd 350 BW down tbg. Started PU tbg; hit bridge @ 11,390. With 10,000# wtr, fell thru. Ran to 12,767 & hit solid bridge. RU power swivel & obtained circ. Fell thru bridge & hit soft bridge down to 12,828 & hit solid. Circ'd 1-1/2 times the tbg vol. Pulled tbg above top perf & SD for night.

SEP 22 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. Hit bridge @ 13,385. Hooked up power swivel & pmp'd 400 BW. Obtained partial circ & went thru bridge & hit solid @ 13,417. Milled 5 hrs; unable to go deeper. RD power swivel & started out of hole. Pull'g tbg wet. SD for night.

SEP 23 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. Fin'd pull'g tbg; found WL sinker bar, wire & slips from pkr in WP. RIH w/redressed mill. Tried to work tbg thru liner w/o success. Started POOH. SI for night.

SEP 26 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. (Correction rept of 9/23: hit solid @ 13,385 instead of 13,417.) 24 RIH w/4-1/8 mill; hung up @ 13,205+. Worked thru & tag'd solid @ 13,385; unable to go deeper. Pulled tbgs to 13,354. MI&RU BJ. Spt'd 5000 gals 15% acid as follows: pmp'd 46 BW & obtained circ. Pmp'd 5000 gals acid containing 6 gals C15/1000 gals, 2 gals J22/1000 gals & 50# citric acid/1000 gals. Lost circ after 30 bbls acid pmp'd. Well on vac after job. RD BJ & worked acid 1/2 hr. Started pull'g tbgs. 9/26 TP 500#; CP 350#. Bled gas & approx 2 BO to pit. Pmp'd 70 BW down tbgs & 50 bbls down csg; well on vac. Fin'd POOH. RIH w/7" full bore pkr & set @ 11,092 w/16,000# tension. Gas mndrls set @ foll'g depths: 10,995, 10,331, 9632, 8939, 8181, 6988, 5306 & 2893. Removed BOP & installed 5000# WH. SI for night.
SEP 27 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. Fin'd RU WH & flwline. Turned well over to prod. RD CWS #25 9/27.
SEP 28 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. Gauge not available.
SEP 29 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. On 12-hr test, gas lifted 549 BO, 371 BW, 1123 MCF gas w/1180 psi inj press. SEP 30 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 460 BO, 285 BW, 1220 MCF gas w/1140 psi inj press. OCT 03 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. On 24-hr test 9/30, gas lifted 385 BO, 97 BW, 1095 MCF gas w/1140 psi inj press. On 24-hr test 10/1, gas lifted 129 BO, 24 BW, 477 MCF gas w/1180 psi inj press. OCT 04 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. On 24-hr test 10/2, gas lifted 619 BO, 286 BW, 1281 MCF gas w/1220 psi inj press. On 24-hr test 10/3, gas lifted 283 BO, 373 BW, 1631 MCF gas w/1220 psi inj press. OCT 05 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 520 BO, 213 BW, 1631 MCF gas w/1220 psi inj press. OCT 06 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. On 24-hr test, gas lifted 351 BO, 490 BW, 1562 MCF gas w/1220 psi inj press. OCT 07 1977

Shell-Potter 1-14B5
(MO pkr, CO & spt acid)

TD 13,734. PB 13,684. Before CO & spt'd acid, well prod 29 BO, 18 BW & 89 MCF gas. After work, well prod on 10/6 370 BO, 365 BW, 1795 MCF gas w/1220 psi inj press. FINAL REPORT OCT 10 1977

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brotherson

9. WELL NO.

1-15B4

10. FIELD AND POOL, OR WILDCAT

Altamont

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

SE/4 NE/4 Section 15-T2S-R4W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1601' FNL & 1229' FEL Section 15

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6272 KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Pull gas lift equip & pkr	<input checked="" type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Pull gas lift equip & pkr	<input checked="" type="checkbox"/>		

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

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

See attachment

*Approved
Nov 1, 1977
P. H. Anicell
Chief Director
Utah Oil, Gas & Mining*

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

SIGNED P. Plautz

TITLE Div. Opers. Engr.

DATE OCT 12 1977

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

cc: USGS w/attachment

PULL GAS LIFT EQUIP & PKR

ALTAMONT

SHELL OIL COMPANY

LEASE BROTHERSON

WELL NO. 1-15B4

DIVISION WESTERN

ELEV 6272 KB

FROM: 4/21 - 10/6/77

COUNTY DUCHESNE

STATE UTAH

UTAH

ALTAMONT

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

"FR" TD 13,291. PB 13,263. Well currently SI. AFE #423837 provides funds to pull gas lift equip & Mdl D pkr, CO to approx 12,400 & isolate & monitor the static press of 2 perms betwn 12,200 & 12,249. MI&RU WOW #19. Bled well. Removed tree, installed BOPE & unstung from Mdl D pkr @ 10,763. Circ'd well w/600 bbls prod wtr. Pulled 50 stds tbg & SD for night.

APR 21 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

TD 13,291. PB 13,263. RIH & milled out Mdl D pkr @ 10,765 & started pulling. Pulled 25 stds tbg. SD for night.

APR 22 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

TD 13,291. PB 13,263. POOH; left part of Mdl D. RIH & milled out junk from Mdl D. Ran mill to 12,559. Plug'd off mill & started POOH. Junk from Mdl D @ 12,559; sli scale 12,550-12,559. 4/25 RIH w/Bkr 5" full bore pkr & ret BP. Did not set BP. SI well.

APR 25 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

TD 13,291. PB 13,263. Set ret BP @ 12,380 & pkr @ 12,360. Tested to 4000 psi, ok. Reset pkr @ 12,290. Pmp'd down tbg to 3000 psi; annulus would not std full. Satisfied that communication does not exist behind pipe. Set pkr & BP betwn perf @ 12,249 & 12,319 in blank pipe & tested to 4000 psi, ok. Reset pkr @ 12,210. Could not keep hole full to test for communication. Pmp'd down tbg into perms @ 1700 psi; no communication. POOH & left BP @ 12,260. Started RIH w/prod equip. SI well.

APR 26 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

TD 13,291. PB 13,263. RIH w/5" full bore pkr, nip for blanking plug, Bkr sliding sleeve, 7" tandem tension pkr & 8 gas mandrels. Installed 5000# tree & hooked up lines. Turned well over to prod. Released rig 4/26.

APR 27 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

TD 13,291. PB 13,263. SI.

APR 28 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip & pkr)

TD 13,291. PB 13,263. Well SI for isolation test'g. (Report discontinued until further activity)

APR 29 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 4/29/77) Bomb depth was 12,230. Pulled bombs out of hole. Went back in hole w/12-hr clock on same bombs & made gradient stops @ 0', 4000', 8000', 10,000', 11,000' & 12,230'. POOH. Reran bombs w/180-hr clock & set bombs @ 12,230' (Report discontinued until further activity)

MAY 19 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 5/19/77) POOH w/180-hr 5000 psi bombs. RIH w/5000 psi ele & 3-hr clock for gradient stops @ lubri, 5000', 10,000', 11,000', 12,000' & 12,230'. POOH w/same & RIH w/180-hr 5000 psi bombs. Bombs on btm @ 1 p.m. 5/31/77. (Report discontinued until further activity)

JUN 01 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 6/1/77) POOH w/tandem 5000 psi bombs & 180-hr clocks. RIH w/12-hr clock & 5000 psi element for gradient stops @ lubri, 5000'; 10,000'; 11,000'; 12,000' & 12,230'. Press @ datum 2820 psi. Temp 228 deg F. POOH & reran 5000 psi elements w/180-hr clocks to 12,230'. On btm 1 p.m. 6/7. (Report discontinued until further activity)

JUN 08 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 6/8/77) POOH w/5000 psi bombs & 180-hr clocks. RIH w/9000 psi element w/3-hr clock for gradient stops @ lubric; 5000', 10,000'; 11,000'; 12,000' & 12,250'. POOH w/same & RIH w/5000 psi elements & 180-hr clocks. Set bombs @ 12,230' @ 2 p.m. 6/14/77. (Report discontinued until further activity)

JUN 15 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 6/15/77) POOH w/5000 & 6000 psi bombs & 180-hr clocks. RIH w/bombs & 12-hr clocks for gradient stops @ lubri, 5000', 10,000', 11,000', 12,000' & 12,230'. POOH w/bombs & RIH w/5000 & 6000 psi bombs w/180-hr clocks. Set bombs @ 12,230' @ 12:25 p.m. 6/21/77. (Report discontinued until further activity)

JUN 22 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 6/22/77) POOH w/bombs & 180-hr clks. RIH w/bombs & 12-hr clks. Made gradient stops @ lubri; 5000'; 10,000'; 11,000'; 12,000' & 12,230'. POOH w/bombs. RIH w/bombs (5000 & 6000 psi elements) & 180-hr clks. Set bombs @ 12,230 @ 12:40 p.m. 6/28/77. (Report discontinued until further activity)

JUN 29 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. (RRD 6/29/77) RU Otis & RIH. Set Bkr FSC blanking plug @ 12,189. POOH & reran shifting tool. Shifted Bkr sliding sleeve @ 12,158. No noticeable press chng before & after shifting sliding sleeve. Opened well to bty & started gas lifting.

JUL 05 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 13,263. On 12-hr test 7/3, gas lifted 19 BO, 23 BW, 205 MCF gas w/1300 psi inj press.

JUL 06 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 13,263. On 24-hr test, gas lifted 207 BO, 165 BW, 463 MCF gas w/1000 psi inj press.

JUL 07 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 13,263. 7/5 On 24-hr test, gas lifted 273 BO, 165 BW, 1157 MCF gas w/1300 psi inj press. 7/6 On 24-hr test, gas lifted 193 BO, 150 BW, 1134 MCF gas w/1300 psi inj press.

JUL 08 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 13,263. On 24-hr test, gas lifted 169 BO, 154 BW, 858 MCF gas w/1300 psi inj press.

JUL 11 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 13,263. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
7/8	24	109	182	952	1320
7/9	24	93	157	922	1300
7/10	24	96	46	1740	1300

JUL 12 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 13,263. On 24-hr test, gas lifted 90 BO, 150 BW, 1291 MCF gas w/1380 psi inj press. This well is being prod thru a sliding sleeve. (Report discontinued until further activity)

JUL 13 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 13,263. (RRD 7/13/77) 9/12 MI&RU CWS #25. Bled csg & tbg to bty. Removed 5000# WH & installed BOP. Released Bkr Mdl D tandem tension pkr & Bkr Mdl C full bore pkr. RIH & latched onto BP. Tried to POOH, but BP hang'g up. Worked BP down & tried pull'g again w/o success. Attempted to reset BP; had problems. Pulled 2000' tbg & well blew out. SI for night.

SEP 13 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. TP 650#; CP 500#. Pmp'd 20 BW down tbg. Pulled 10 stds tbg & well blew in again. MI&RU WL trk. RIH & opened Bkr sliding sleeve. Pmp'd 20 BW w/0 psi. RD WL. Fin'd POOH w/Mdl B pkr, sliding sleeve, blanking plug nip & full bore. LD 50 jts tbg. Started in hole w/7" full bore. SD for night.

SEP 14 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. Fin'd RIH w/gas mndrls. Set Bkr full bore @ 10,670 w/12,000# tension & Bkr unloader & +45 SN above pkr. Gas mndrls set @ 10,639, 10,095, 9495, 8895, 8201, 7008, 5283 & 2901. Removed BOP & installed 5000# WH. RD CWS #25 9/14/77.

SEP 15 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. Gauge not available.

SEP 16 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 111 BO, 102 BW, 1049 MCF gas w/1020 psi inj press.

SEP 19 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test 9/16, gas lifted 11 BO, 44 BW, 716 MCF gas w/1020 psi inj press. On 6-hr test 9/17, gas lifted 0 BO, 0 BW, 228 MCF gas w/1020 psi inj press. SEP 20 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test 9/18, gas lifted 11 BO, 50 BW, 692 MCF gas w/1020 psi inj press. On 23-hr test 9/19, gas lifted 308 BO, 0 BW, 0 MCF gas w/1020 psi inj press. SEP 21 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 280 BO, 54 BW, 1012 MCF gas w/1160 psi inj press. SEP 22 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 41 BO, 0 BW, 944 MCF gas w/1100 psi inj press. SEP 23 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 24 BO, 0 BW, 583 MCF gas w/1000 psi inj press. SEP 26 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
9/23	24	36	15	486	1000
9/24	24	42	15	500	960
9/25	24	29	36	409	980

SEP 27 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 36 BO, 46 BW, 566 MCF gas w/960 psi inj press. SEP 28 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 35 BO, 26 BW, 300 MCF gas w/960 psi inj press.

SEP 29 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 52 BO, 41 BW, 420 MCF gas w/1050 psi inj press. SEP 30 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test, gas lifted 41 BO, 45 BW, 472 MCF gas w/940 psi inj press. OCT 03 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test 9/30, gas lifted 40 BO, 41 BW, 441 MCF gas w/960 psi inj press. On 24-hr test 10/1, gas lifted 10 BO, 18 BW, 526 MCF gas w/940 psi inj press. OCT 04 1977

Shell-Brotherson 1-15B4 (Pull gas lift equip & pkr) TD 13,291. PB 12,612. On 24-hr test 10/2, gas lifted 169 BO, 32 BW, 506 MCF gas w/980 psi inj press. On 24-hr test 10/3, gas lifted 19 BO, 54 BW, 674 MCF gas w/980 psi inj press. OCT 05 1977

Shell-Brotherson 1-15B4
(Pull gas lift equip &
pkr)

TD 13,291. PB 12,612. Prior to removing all isolation
equip, well had 0 prod. After work, well avg'd 40 BO, 32
BW & 108 MCF gas per day w/344 MCF gas inj & 1340 psi CP.
FINAL REPORT

OCT 06 1977

47
February 27, 1975

MEMO FOR FILING

Re; Shell Oil Co.
Potter 1-14B5
Sec. 14, T. 2 S, R. 5 W
USM, Duchesne County, Utah

On January 21, 1975, a visit was made to the above referred to well site.

POW - Location and pit in good shape. Pit was fenced in; no fluids.

CLEON B. FEIGHT
DIRECTOR

CBF:th

cc: U.S. Geological Survey

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001		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 1162' FNL & 872' FEL		8. FARM OR LEASE NAME Potter
14. PERMIT NO.		9. WELL NO. 1-14B5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6708' KB		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 14-T2S-R5W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

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

See attached worksheet.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 8/14/80
BY: Clem B Feigert



18. I hereby certify that the foregoing is true and correct
SIGNED J.M. BERGSTEIN FOR J.M. BERGSTEIN TITLE Division Production Engineer DATE 8/6/80

(This space for Federal or State office use)

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

REMEDIAL PROGNOSIS
POTTER 1-14B5
SECTION 14, T2S, R5W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's Share: 100%

Elevation (KB): 6708'

Elevation (GL): 6682'

TD: 13,734'

PBTD: 13,684'

Casing: 13-3/8", 68#, K-55 to 323'; 9-5/8", 40#, K-55 to 7200'; 7", 26#, S-95 to 11,644'

Liner: 5", 18#, N-80; top at 11,309', bottom at 13,732'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 10,800'

Packer: 7" fullbore at 10,800'

Perforations: 10,855'-13,659' (478 holes)

Artificial lift: Gas lift mandrels at 2955', 5185', 6775', 7835', 8510', 9070', 9630', 10,190', 10,750'

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.
2. Pull tubing, 7" packer at 10,800', laying down gas lift mandrels while coming out.
3. RIH with 5" RBP and 5" fullbore packer. Set RBP at $\pm 12,600'$. Fill casing and pressure test plug to 3500 psi. If okay, spot sand (at field's discretion) on plug and pull tubing and retrieving plug.
4. RIH with 7" fullbore packer and set at $\pm 11,000'$.
5. Acid treat perfs 11,044'-12,557' (258 holes) with 34,000 gallons of 7-1/2% HCL as follows:
 - a. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 125 gallons.
 - b. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
 - c. Repeat Step (a) 6 more times and Step (b) 5 more times for a total of 6 stages and 5 of diverting material (total 34,000 gallons acid and 224 ball sealers).
 - d. 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.
6. Run RA log from 12,600' to 10,950'.
 - 7a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 10.
 - b. If well does not flow, continue with Step 8.
 8. POOH with tubing and 7" fullbore packer at +11,000'.
 9. Circulate sand off top of bridge plug (if necessary) and retrieve bridge plug. POOH.
 10. RIH with tubing, packer, and gas lift mandrels. Set packer at +10,800'. Install mandrels as shown in Attachment I.
 11. Return well to production.
 12. Report well tests on morning report until production stabilizes.

G. L. Thompson

Date

MEB:JL

MEB
8/6/80

PD
FEL/SMB
8/6/80

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <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: C.E. Tixer Rm. #1916		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		8. FARM OR LEASE NAME POTTER
14. PERMIT NO.		9. WELL NO. 1-14B5
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6708' KB		10. FIELD AND POOL, OR WILDCAT AHAMONT
		11. SEC., T. R., M., OR BLK. AND SURVEY OR AREA NE1/4 NE1/4 T2S R5W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

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

SEE ATTACHED

RECEIVED
FEB 20 1981
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED C.E. Tixer TITLE DIVISION PROD. ENGINEER DATE 1-30-81

(This space for Federal or State office use)

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

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 339
ISSUED 10/10/80

WELL: POTTER 1-14 B5
 LABEL: FIRST REPORT
 AFE: 594627
 FOREMAN: K.C. LAROSE
 RIG: WQWS #22
 OBJECTIVE: ACIDIZE WELL AND RETURN TO PROD.
 AUTH. AMNT: 58000
 DAILY COST: EST 4150
 CUM COST: EST. 6650
 DATE: 9-19 AND 9-20 AND 9-21 AND 9-22-80
 ACTIVITY: 9-19-80 STATUS: MOVE TO LOCATION.
 02 9-19-80 ACTIVITY: FIRST REPORT ON THIS LOCATION AFE
 03 594627 PROVIDES FUNDS TO ACIDIZE WELL AND RETURN TO
 04 PRODUCTION THE WELL HAD MAJOR REMEDIAL IN APRIL OF
 05 1980 BUT PERFORATIONS FROM 11044 FT. TO 12557 FT.
 06 SHOWED POOR TREATMENT THIS AFE PROVIDES TO RETREAT THIS
 07 INTERVAL. PBD 13634 TO 13734. MOVE RIG AND EQUIP.
 08 FROM 1 -2885 TO LOCATION AND RIG UP. S.D.O.N.
 09 9-20-80 STATUS: PULL PROD. EQUIP. AND RUN BP
 10 9-20-80 ACTIVITY: PUMP PROD. WTR. DOWN CSG. AND TBG.
 11 REMOVE 5000# WELLHEAD INSTALL BOPS AND RELEASE 7 IN.
 12 FULLBORE PKR. P.O.O.H. WITH TBG. AND LAY DOWN 9 GAS
 13 LIFT MANDRELS WITH VALVES. MAKE UP 5 IN. BAKER RBP
 14 AND 5 IN. FULLBORE PKR. PICK UP 65 FT. JTS. TBG. AND
 15 RIH TO 6000 FT. PLUS OR MINUS. S.D.R.O.
 16 9-21-80 STATUS: SHUT DOWN.
 17 9-22-80 STATUS: SET BP AND PREPARE TO ACIDIZE.

LABEL: -----
 DAILY COST: 3500
 CUM COST: 10150
 DATE: 9-22-80
 ACTIVITY: 9-22-80 STATUS: FINISHED RUNNING B.P.
 02 9-22-80 ACTIVITY: HAD WAX CUTTER RUN KNIFE
 03 DOWN TBG. PUMPED 150 BRLS. HOT WTR. DOWN TBG. SET
 04 B.P. PSI CHECKED PLUGGED O.K. SPOTTED SAND
 05 STARTED OUT OF HOLE WITH TBG. AND PLUG. S.D.O.N.

LABEL: -----
 DAILY COST: EST 45900
 CUM COST: EST 56050

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 339
ISSUED 10/10/80

DATE: 9-23-80
ACTIVITY: 9-23-80 STATUS: FINISHED POOH WITH TBG. AND 5 IN.
02 PKR.
03 9-23-80 ACTIVITY: PUT ON A 7 IN. BAKER PKR. AND
04 RIH SET PKR. AT 10998 FT. FILLED BACKSIDE UP
05 HOOKED DOWELL UP FOR ACIDIZING ACIDIZE WELL WITH
06 34000 GALLONS OF 7 1/2 % HCL-STARTED AT 3 P.M.
07 FINISHED AT 4:58 P.M. TOTAL PUMP TIME 1 HR. 17 MIN.
08 ISD 4200# 5 MIN. 3900# 10 MIN. 3600# 15 MIN.
09 3500# 20 MIN. 3500 # MAX. RATE 17 BBLs. MIN. AVER
10 RATE 14 BBLs. MIN. MIN RATE 8 BBLs MIN. MAX PSI
11 9000# AVER PSI 8100# MIN PSI 6200# MAX CSG PSI
12 2700# TOTAL ACID 816 BBLs. FLUSH WTR 110 BBLs.
13 TOTAL FLUIDS 926 BBLs. RIG DOWN DOWELL. RIG UP
14 OWP FOR RA LOG RIH PERES AT 11044 FT. TO 12557 FT.
15 LOG READ 75% TREATMENT DOWN TO 12459 FT. COULD
16 NOT GET DOWN ANY FURTHER. POOH RIG DOWN OWP.
17 S.D.O.N.

LABEL: -----
DAILY COST: EST 6600
CUM COST: EST 69200
DATE: 9-24 AND 9-25 AND 9-26-80
ACTIVITY: 9-24-80 STATUS: OPENED WELL TO PIT.
02 9-24-80 ACTIVITY: WELL WENT ON VACUUM
03 PUT NEW DRILLING LINE ON UNSEATED 7 IN. FULLBORE
04 PKR. POOH WITH PKR. PUT FISHING TOOL ON TO
05 RETRIEVE BRIDGE PLUG. RIH. S.D.O.N.
06 9-25-80 STATUS: FINISHED RIH.
07 9-25-80 ACTIVITY: RIH WITH FISHING TOOL. TAG
08 SAND 70 FT. ABOVE BRIDGE PLUG. PUMPED WTR.
09 DOWN BACK SIDE TO WASH SAND OFF BRIDGE PLUG.
10 PUMPED 350 BBLs. OF WTR. DOWN BACK SIDE BEFORE
11 WE GOT WTR. BACK AT SURFACE. CIRCULATED WTR.
12 FO R 45 MIN. WHILE CSG. DOWN HOLE-LATCHED ON TO
13 BRIDGE PLUG-RELEASED IT-STARDED OUT OF HOLE-
14 S.D.O.N.
15 9-26-80 PRODUCTION FOR 14 HRS. 1 OIL- 33 WTR.-
16 13 MCF GAS- 213 INJ.
17 9-26-80 STATUS: PUT ON PROD. AT 7:30 PM
18 9-26-80 ACTIVITY: PUMPED WTR. DOWN WELL TO
19 KILL. FINISHED PULLING BRIDGE PLUG PUT 7 IN.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 339
ISSUED 10/10/80

20 FULLBORE PKR.-GUIBERSON- ON UNLOADED RIH WITH PKR
 21 TBG AND MANDRELS. TALLYED PIPE GOING IN HOLE
 22 COULD NOT GET PKR. TO SET. PUT ON 6 FT. SUB AND
 23 SET PKR. AT 10822 FT. PUT DO-NUT ON AND SET IN
 24 TBG. HANGER PUT TREE ON AND HOOKED UP FLOWLINE.
 25 PUT WELL ON PROD. 7:30 PM S.D.O.N.

LABEL: -----
 DAILY COST: 2200
 CUM COST: 71400
 DATE: 9-27 AND 9-28 AND 9-29-80
 ACTIVITY: 9-27-80 STATUS: WELL FLOWING TO BATTERY.
 02 9-27-80 ACTIVITY: MOVED RIG OFF. S.D.O.N.
 03 9-27-80 1 OIL- 33 WTR.- 13 MCF GAS.- 213 INJ.
 04 9-28-80 0 OIL- 10 WTR.- 442 MCF GAS.- 78 INJ. GAS
 05 9-29-80 115 OIL- 25 WTR.- 412 MCF GAS- 242 INJ.

LABEL: -----
 CUM COST: 71400
 DATE: 9-30-80
 ACTIVITY: 9-30-80 47 OIL- 200 WTR. - 383 MCF GAS- 288 INJ.

LABEL: -----
 CUM COST: 71400
 DATE: 10-1 AND 10-2-80
 ACTIVITY: 10-1-80 0 OIL- 192 WTR.- 413 MCF GAS- 262 INJ.
 02 10-2-80 22 OIL- 187 WTR.- 412 MCF GAS- 285 INJ.

LABEL: FINAL REPORT
 CUM COST: 71400
 DATE: 10-3 AND 10-4-80
 ACTIVITY: THE RIG MOVED OFF THIS LOCATION ON SEPT. 27 1980
 02 THERE ARE PROD. TESTS FROM 9-28 THRU 10-2-80.
 03 10-3-80 25 OIL-194 WTR-412 MCF GAS-281 INJ.-50# TBG.
 04 64/64 CHOKE.
 05 10-4-80 26 OIL- 269 WTR-442 MCF GAS-404 INJ.-
 06 100# TBG.- 64/64 CHOKE.

LABEL: -----
 CUM COST: 71400
 DATE: 10-1-80
 ACTIVITY: 10-1-80 0 OIL- 192 WTR.- 413 MCF GAS- 262 INJ.

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures

MONTHLY OIL AND GAS PRODUCTION REPORT

Duchesne

Operator name and address:

UTEX OIL CO. % SHELL WESTERN E&P INC.		Utah Account No. <u>N1040</u> N0840
PO BOX 576 HOUSTON TX 77001 ATTN: P.T. KENT, OIL ACCT.		
<i>Operator name change</i>		Report Period (Month/Year) <u>8 / 84</u>
		Amended Report <input type="checkbox"/>

Well Name	Producing Zone	Days Oper	Production Volume	Gas (MSCF)	Water (BBL)
API Number	Entity	Location	Oil (BBL)		
POTTER 1-1485	WSTC	0	0	0	0
4301330127 01665 02S 05W 14	WSTC	0	0	0	0
LUTRIDGE 1-385	GR-WS	21	696	0	2417
4301330117 01670 02S 03W 3	GR-WS	21	696	0	2417
SHELL TEX 1-0985	WSTC	0	0	0	0
4301330121 01675 02S 05W 9	WSTC	0	0	0	0
BROTHERSON 1-33A4	GR-WS	31	1256	1866	3322
4301330272 01680 01S 04W 33	GR-WS	31	1256	1866	3322
CHANDLER 1-0584	WSTC	12	231	491	2813
4301330140 01685 02S 04W 5	WSTC	12	231	491	2813
EHRTCH 1-11B5	WSTC	23	129	946	1709
4301330157 01690 02S 05W 11	WSTC	23	129	946	1709
EELSWORTH 1-1784	WSTC	28	4743	4853	5110
4301330126 01695 02S 04W 17	WSTC	28	4743	4853	5110
UTE UNIT 1-0184	WSTC	22	759	738	6891
4301330129 01700 02S 04W 1	WSTC	22	759	738	6891
REEDER 1-1785	WSTC	31	1093	149	7835
4301330218 01710 02S 05W 17	WSTC	31	1093	149	7835
UTE UNIT 1-2285	WSTC	20	273	1171	1883
4301330134 01715 02S 05W 22	WSTC	20	273	1171	1883
ROBB 1-29B5	WSTC	31	1179	3430	5074
4301330135 01720 02S 05W 29	WSTC	31	1179	3430	5074
REMYINGTON 1-34A3	WSTC	31	1638	2297	6963
4301330139 01725 01S 03W 34	WSTC	31	1638	2297	6963
POTTER 1-2485	WSTC	11	66	511	430
4301330356 01730 02S 05W 24	WSTC	11	66	511	430
OCT - 2 TOTAL			12063	16452	44447

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete. Date 9-28-84

Authorized signature _____ Telephone _____

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

PERMIT IN TRIPLICATE
(Other instructions on reverse side)

010924A

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Potter, 1-14/35

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14 25 5w

12. COUNTY OR PARISH 13. STATE
Muchaine

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ANR Limited Inc.

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

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

See attached list

RECEIVED
DEC 31 1986

DIVISION OF OIL, GAS & MINING

14. PERMIT NO.
43-013-30127

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

12. COUNTY OR PARISH 13. STATE
Muchaine

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <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.)

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 _____
COORDINATING OFFICE OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

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

Attention: Ms. Lisha Romero

N0235

N0675

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

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

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

Very truly yours,

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

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

CC: AWS

CTE:mmw

Lisha,

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



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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N0235

Report Period (Month/Year) 11 / 87

Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
FARNSWORTH #2-12B5 4301331115 01646 02S 05W 12	WSTC				
UTE TRIBAL 1-20B5 4301330376 01650 02S 05W 20	WSTC				
ELLSWORTH 1-08B4 4301330112 01655 02S 04W 8	WSTC				
ELLSWORTH 1-09B4 4301330118 01660 02S 04W 9	WSTC				
POTTER 1-14B5 4301330127 01665 02S 05W 14	WSTC				
LOTRIDGE GATES FEE 1-3B3 4301330117 01670 02S 03W 3	GR-WS				
SHELL TEW 1-09B5 4301330121 01675 02S 05W 9	WSTC				
BROTHERSON 1-33A4 4301330272 01680 01S 04W 33	WSTC				
CHANDLER 1-05B4 4301330140 01685 02S 04W 5	WSTC				
EHRICH 1-11B5 4301330157 01690 02S 05W 11	WSTC				
EHRICH #3-11B5 4301331080 01691 02S 05W 11	WSTC				
ELLSWORTH 1-17B4 4301330126 01695 02S 04W 17	WSTC				
ELLSWORTH #2-17B4 4301331089 01696 02S 04W 17	WSTC				
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 _____

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

RECEIVED
JUN 6 1988

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or to a different test hole. Use "APPLICATION FOR PERMIT—" for (Utah, Kansas).)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Patented
2. NAME OF OPERATOR ANR Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		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 1162' FNL & 872' FEL Section 14		8. FARM OR LEASE NAME Potter
14. PERMIT NO. 43-013-30127	15. ELEVATIONS (Show whether DP, RT, CR, etc.) 6708' KB	9. WELL NO. 1-14B5
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLE. AND SUBST. OR ASSE NE/4 NE/4 Sect. 14, T2S, R5W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

We plan to convert the above referenced well from a gas lift to a rod pump to reduce lifting costs and increase production.

18. I hereby certify that the foregoing is true and correct
SIGNED Branda W. Swank TITLE Assoc. Regulatory Analyst DATE 6-1-88
Branda W. Swank
(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
JUL 11 1988

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
1162' FNL & 872' FEL (NE NE)

5. LEASE DESIGNATION AND SERIAL NO.
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Potter

9. WELL NO.
1-14B5

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 14, T2S-R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO.
43-013-30127

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6708' KB

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

Above-referenced well was converted from gas lift to rod pump 7-1-88.

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

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

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE July 7, 1988
(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

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

December 12, 1988

Ms. Eileen Dey
ANR Production Company
P.O. Box 749
Denver, Colorado 80201-0749

Dear Ms. Dey:

RE: Approvals for Conversion of Artificial Lift Equipment

Based on our recent telephone conversation, I reviewed our records for the eight wells listed on the attached table. During June and July of this year, the Division of Oil, Gas and Mining received both preliminary and subsequent sundry notices which indicated that the eight wells were converted from gas lift to rod pump. The sundry notices were recorded and filed but the Division took no action to approve or acknowledge receipt of the documents. This letter will attempt to better explain the procedures regarding submittal and approval of sundry notices.

The types of operations for which the Division requires a notice of intent include any workover or other downhole operation on a well which affects the producing zone of the well. Such activities include recompletions, plug backs, plug and abandonment, perforation and reperforation, acid stimulation, fracture stimulation, etc. The sundry notice form (DOGGM form 5) should be used for submitting a notice of intent to the Division. In all cases where notice of intent is required, approval must be obtained either verbally or in writing prior to commencing such operations. After the operation has been performed, the operator should submit a subsequent notice using the sundry notice form which provides the details of the work performed and any modifications to a previously stated plan of operations.

Sundry notice forms should also be utilized for requests for approval or notification to the Division of gas venting or flaring, testing activities, leaks or spills, undesirable events, or other conservation related operation. Approval of such activities may be required contingent upon whether advance knowledge of the operation was available and whether the activity was an emergency necessitated by prudent operations. For example, gas venting or flaring normally requires prior approval; however, in cases of emergencies, reasonable amounts of gas may be vented or flared without approval as long as the Division is timely notified and the operator acts to control the emergency condition.

Page 2
Ms. Eileen Dey
December 12, 1988

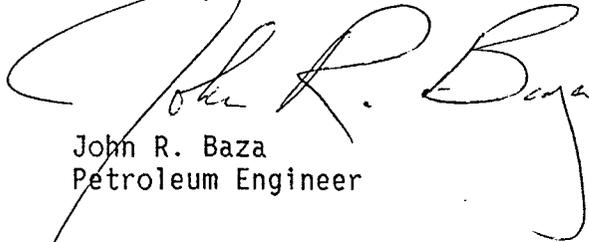
The Division does not normally require prior notice of intent and approval of other surface operations or routine maintenance activities unless such notice has been required under a condition of approval, by a formal request for action by the Division, or by order of the Board of Oil, Gas and Mining. However, if an operation causes a substantial change in production or disposition of product from a well, it would be helpful to receive a short explanation from the operator. In such circumstances, subsequent notice of well activities is adequate and sufficient. The Division will not normally respond to subsequent notification of work performed, and such documents will simply be recorded and filed in Division records.

Another situation in which sundry notice forms may be used is notification of change of operator on a well. Again, this is not a circumstance that the Division must approve; however, the Division must receive prompt notification of operator changes from both the previous operator and the new operator of any well in the state. The Division will record any operator changes upon receipt of notification from both parties, and no other response or action will be taken by the Division.

In the case of the eight wells on the attached list, it is not necessary to provide notice of intent or obtain approval from the Division for conversion of the artificial lift equipment as long as no other associated downhole work is involved. For this reason, the Division did not respond to your submitted sundry notices. Any documents of this type which you might submit in the future will normally be recorded and filed as information items.

I hope this clarifies the procedures for sundry notice submittal and approval. If you have any other questions or concerns, please do not hesitate to contact me.

Sincerely,



John R. Baza
Petroleum Engineer

Attachment
cc: D. R. Nielson
R. J. Firth
Well files
OI2/22-23

ANR PRODUCTION COMPANY

<u>Well Name & Number</u>	<u>API Number</u>	<u>Section, Township & Range</u>
Hanson 1-32A3	43-013-30141	32, 1 South, 3 West
Jenkins 1-1B3	43-013-30175	1, 2 South, 3 West
Hansen Trust 1-5B3	43-013-30109	5, 2 South, 3 West
Hanson 1-9B3	43-013-30144	9, 2 South, 3 West
Evans 1-19B3	43-013-30265	19, 2 South, 3 West
Brotherson 1-10B4	43-013-30110	10, 2 South, 4 West
Brotherson 1-26B4	43-013-30336	26, 2 South, 4 West
Potter 1-14B5	43-013-30127	14, 2 South, 5 West

OI2/24

STATE OF UTAH
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 & SERIAL NO. Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR ANR Production Company	8. FARM OR LEASE NAME Potter	
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749	9. WELL NO. #1-14B5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1162' FNL & 372' FEL (MENE) At proposed prod. zone	10. FIELD AND POOL, OR WILDCAT Altamont	
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 14, T2S-R5W	
14. API NO. 43-013-30127	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6703' KB	12. COUNTY Duchesne
		13. STATE Utah

18. 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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____	DATE OF COMPLETION _____

(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.)

* Must be accompanied by a cement verification report.

See attached chronological history on the casing leak repairs and fishing job on the above-referenced well.

OIL	GAS
JTD	SLG
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 January 16, 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

MICROFILMED

OPERATOR ANR LEASE _____
WELL NO. POTTER 1-1485 API 43-013-30127
NE
NE SEC. 14 T. 2S R. 5W CONTRACTOR _____
COUNTY Duchesne FIELD Altamont

DRILLING/COMPLETION/WORKOVER:

APD WELL SIGN HOUSEKEEPING BOPE
 SAFETY POLL. CONTROL SURFACE USE PITS
 OPERATIONS OTHER

SHUT-IN _____ / TA _____ :
 WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY
 OTHER

ABANDONED:
 MARKER HOUSEKEEPING REHAB. OTHER

PRODUCTION:
 WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*
 METERING* POLL. CONTROL PITS DISPOSAL
 SECURITY SAFETY OTHER

STATUS DISPOSITION:
 VENTED/FLARED SOLD LEASE USE

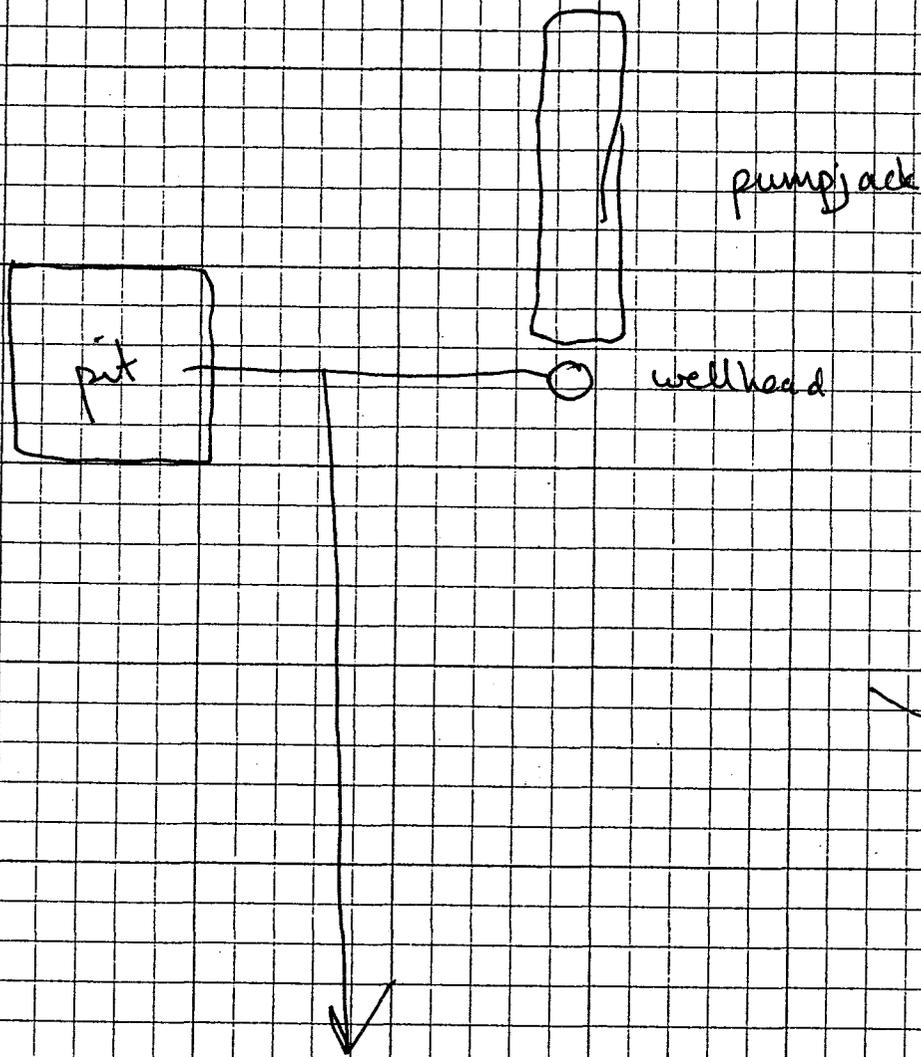
LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: location, wellhead, pit, pumpjack

REMARKS: OK

ACTION: _____

INSPECTOR: GARY GARNER DATE 4/20/89



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

6. Lease Designation and Serial Number
Patented
7. Indian Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

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

8. Unit or Communitization Agreement
N/A
9. Well Name and Number
Potter #1-14B5

Type of Well
 Oil Well Gas Well Other (specify)

10. API Well Number
43-013-30127
11. Field and Pool, or Wildcat
Altamont

Name of Operator
ANR Production Company

Address of Operator
P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number
(303) 573-4476

Location of Well
Footage 1162' FNL & 872' FEL
Co. Sec. T. R. M. : NE/NE Section 14, T2S-R5W

County : Duchesne
State : UTAH

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

- NOTICE OF INTENT
(Submit in Duplicate)
- Abandonment
 - Casing Repair
 - Change of Plans
 - Conversion to Injection
 - Fracture Treat
 - Multiple Completion
 - Other
 - New Construction
 - Pull or Alter Casing
 - Recompletion
 - Shoot or Acidize
 - Vent or Flare
 - Water Shut-Off

- SUBSEQUENT REPORT
(Submit Original Form Only)
- Abandonment
 - Casing Repair
 - Change of Plans
 - Conversion to Injection
 - Fracture Treat
 - Other
 - New Construction
 - Pull or Alter Casing
 - Shoot or Acidize
 - Vent or Flare
 - Water Shut-Off

Approximate Date Work Will Start 12/15/91

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
Must be accompanied by a cement verification report.

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

Please see the attached procedure to fish a tubing anchor, cement squeeze a water producing interval, add perforations and acidize all perforations in the subject well.

APPROVED BY THE COMMISSIONER OF OIL, GAS AND MINING

12-11-91
[Signature]

RECEIVED

DEC 09 1991

DIVISION OF OIL GAS & MINING

I hereby certify that the foregoing is true and correct

Name & Signature
Eileen Damm Dey
Eileen Damm Dey

Title Regulatory Analyst Date 12/5/91

WORKOVER PROCEDURE

Potter #1-14B5
Section 14, T2S, R5W
Duchesne County, Utah

WELL DATA

Location: 1162' FNL & 872' FEL
Elevation: 6680' GL, 6708' KB
Total Depth: 13,734'
PBSD: 13,684'
Casing: 13-3/8", 68#, K-55, ST&C @ 323', cmt'd w/450 sxs
9-5/8", 40#, K-55, ST&C @ 7200', cmt'd w/700 sxs (TOC @ 5550')
7", 26#, S-95, LT&C @ 11,644', cmt'd w/700 sxs
5", 18#, S00-95 liner from 11,309' to 13,732', cmt'd w/363 sxs
Tubing: 2-7/8", 6.5#, 8rd N-80 @ 10,383'

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
9-5/8" 40# K-55	8.835"	8.765"	.0758 B/F	3950 psi	2570 psi
7" 26# S-95	6.276"	6.151"	.0382 B/F	8600 psi	7800 psi
5" 18# S00-95	4.276"	4.151"	.0177 B/F	12040 psi	11880 psi
2-7/8" 6.5# N-80	2.441"	2.341"	.00579 B/F	10570 psi	11160 psi
3-1/2" 9.3# N-80	2.992"	2.867"	.00870 B/F	10160 psi	10530 psi

WELL HISTORY

- September 1972: Initial completion from 11,652' to 13,659', 1 SPF, 52 holes. Acidized w/27,000 gals 15% HCl. IP was 1012 BOPD, 129 BWPD and 1170 MCFPD on a 36/64" choke w/700 psi FTP.
- September 1976: Gas lift installed when well quit flowing.
Rate after: 389 BOPD, 678 BWPD and 1528 MCFPD.
- September 1977: CO & acidized w/5000 gals 15% HCl.
Prior to work: 29 BOPD, 18 BWPD and 89 MCFPD.
After work: 370 BOPD, 365 BWPD and 1795 MCFPD.
- April 1980: Perf from 10,855' to 13,637', 3 SPF, 426 total holes. Acidized perfs from 10,855' to 13,659' (426 new, 52 old) w/34,000 gals 7-1/2% HCl.
Before work: 5 BOPD, 75 BWPD and 78 MCFPD.
After work: 65 BOPD, 308 BWPD and 712 MCFPD.
- September 1980: Acidized perforations from 11,044' to 12,557' w/34,000 gals 7-1/2% HCl.
No apparent production improvement - 26 BOPD, 269 BWPD and 442 MCFPD.
- June 1988: Install beam pump.
Before: 30 BOPD, 309 BWPD and 167 MCFPD (on gas lift).
After: 81 BOPD, 530 BWPD and 127 MCFPD.
- November 1989: Repair csg part. Unable to fish parted tubing.

PRESENT STATUS

SI on 56-day production cycle. No fluid to pump. Last production was on November 11, 1991 when the well made 2 BO, 6 BW, 5 MCF.

PROCEDURE

- 1) MIRU service rig. Kill well. POOH w/rods. RIs TAC & POOH w/tbg.
- 2) PU & RIH w/6" shoe dressed out to 6-1/8" and into 5-1/4", wash pipe, bumper sub, 4 drill collars and jars. Wash over 4' - 2-7/8" tbg stub and tbg anchor catcher on liner top @ $\pm 11,309'$.
- 3) If the TAC does not come loose once the liner top is reached, TIH w/grapple, overshot and jars, and jar the TAC free. POOH. RIH w/mill and dress up liner top.
- 4) PU & RIH w/4-1/8" mill & CO tools. CO 5" liner to PBTD @ $\pm 13,684'$.
- 5) RU wireline service company. PU & RIH w/RBP and set @ $\pm 11,010'$. Dump 2 sxs of sand on bridge plug.
- 6) Perform bradenhead type cmt squeeze across perforations from 10,855' to 10,922' (24 total holes) w/200 sxs.
- 7) DO cmt and pressure test to 2300 psi. If csg leaks, repeat squeeze. DO and pressure test. Wash out sand over RBP.
- 8) PU & RIH w/retrieving head and retrieve bridge plug.
- 9) RU wireline service company. RIH w/3-1/8" csg gun, 3 SPF, 120° phasing and perforate from 11,319' to 13,581', 139 settings, 417 total holes per the attached perf schedule. RIH w/4" csg gun, 3 SPF, 120° phasing and perf from 11,049' to 11,293', 23 settings, 69 total holes per the attached perf schedule.
- 10) PU & RIH w/7" 26# Arrowset I-10K treating pkr, on/off tool and F-nipple on 3-1/2" tbg. Set pkr @ $\pm 11,000'$.
- 11) Acidize perfs form 11,049' to 13,659', 956 total holes (470 old, 486 new) w/28,700 gals 15% HCl w/1800 - 1.1 S.G. BS's and specified additives. Max treating pressure 8500 psi. Note: This acid job should be designed to include:
 - A) All fluids to be heated to 150°F.
 - B) Precede acid w/250 bbls 3% KCl wtr w/10 gals per 1000 gals scale inhibitor and 400 - 1.1 S.G. BS's evenly spaced.
 - C) Spearhead acid w/500 gals xylene.
 - D) Acidize w/5 stages of 5740 gals 15% HCl each containing 280 - 1.1 S.G. BS's and 4 diverter stages of 1500 gals gelled saltwater with 1/2 ppg benzoic acid flakes and rock salt.

Workover Procedure
Potter #1-14B5
Page Three

- 12) Flow/swab back acid load.
- 13) Rls pkr, POOH and LD 3-1/2" tbg. PU & RIH w/production equipment. Return to production.

SCP:tmr

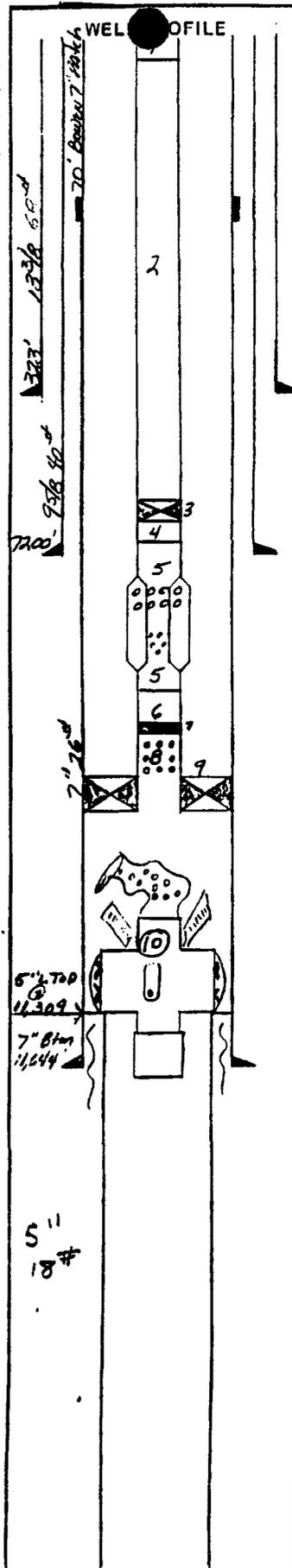
Perforation Schedule
 Potter #1-14B5
 NE/4 Section 14, T2S-R5W
 Duchesne County, Utah

Depth reference: Schlumberger BHC Sonic (7/2/72, 8/11/72).

13581	13320	12817	12603	12280	11976	11728	11495	11354	11163
13561	13306	12781	12557	12273	11962	11715	11484	11349	11157
13552	13284	12768	12538	12263	11949	11707	11479	11343	11149
13527	13266	12759	12522	12249	11942	11697	11472	11331	11136
13514	13258	12756	12458	12233	11935	11669	11460	11319	11125
13497	13238	12751	12438	12178	11929	11644	11453	11293	11118
13475		12744	12416	12153	11872	11625	11445	11282	11100
13469		12738	12394	12115	11866	11614	11442	11277	11097
13463	12992	12730	12388	12112	11853	11607	11441	11255	11089
13442	12959	12713	12382	12096	11831	11582	11426	11247	11063
13420	12936	12710	12364	12093	11825	11557	11411	11216	11049
13405	12900	12707	12357	12084	11816	11544	11406	11200	
13399	12889	12688	12348	12078	11809	11538	11391	11183	
13364	12872	12674	12331	12065	11777	11531	11379	11180	
13352	12858	12663	12305	12058	11766	11525	11376	11176	
13344	12847	12633	12297	12038	11745	11517	11370	11173	
13336	12833	12608	12285	12025	11740	11500	11367	11170	

Gross Wasatch interval 11,049'-13,581'
 162 feet, 113 zones

RJL REVISED 11/19/91 PERFS
 6/26/91



OPERATOR <u>ANR PROD CO</u>	Casing	Liner	Tubing
WELL # <u>1-1425</u>	SIZE	7	5 2 7/8
FIELD <u>ALHAMONT</u>	WEIGHT	26	18 6.5
COUNTY <u>Duchess</u>	GRADE		
STATE <u>NY</u>	THREAD		Reg
DATE <u>12-13-89</u>	DEPTH	11652	13659
<input type="checkbox"/> NEW COMPLETION	<input checked="" type="checkbox"/> WORKOVER		

ITEM NO.	EQUIPMENT AND SERVICES		
		K-A	22'
1	HANGER CEMENT 2 7/8 RIG TOP + Btm		.90
2	337 Jts 2 7/8		10,397.17
3	x 45 SEAT NUT @ 10,420.09'		1.10
4	2 7/8 N-80 RIG RPA JT		4.10
5	4 1/2 POOR BOY GAS ANCHOR		32.48
6	PLAIN JT 2 7/8 N-80 RIG		31.58
7	2 1/2 KNOCK OUT ANCH @ 10,489.35		—
8	PERF JT 2 7/8 RIG N-80		31.45
9	M.S.O.T 7" ANCHOR w/ TENSILE SLAPS TOP @ w/ 2 7/8 x 2 7/8 SLAPS AND/OR SET w/ 2 7/8 TENSION		10,510.80
10	(TRUCK IN HOLE) APPROX 4' PERF 2 7/8 SLAB 2- SECTIONS OF BOWEN 6112 2" GRAPPL M.S.O.T 7" ANCHOR SETTING ON LNER TOP @ 11,309' TAGGING UP ON FISH @ 11,304'		
	7" ISG SET IN SLAPS @ 235,000'		

COMMENTS: PERFS 11652-13659 52 holes
10855-13637 426 holes
CLEANED OUT TO 1263 6-30-88

PREPARED BY <u>STEVE WAL</u>	OFFICE <u>POOL 237</u>	PHONE <u>646-4755</u>
---------------------------------	---------------------------	--------------------------

T.O. 13734
PRTO 13655

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

6. Lease Designation and Serial Number

Patented

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Potter #1-14B5

10. API Well Number

43-013-30127

11. Field and Pool, or Wildcat

Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well

- Oil Well
- Gas Well
- Other (specify)

2. Name of Operator

ANR Production Company

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 1162' FNL & 872' FEL
Q.C. Sec. T., R., M. : NE/NE Section 14, T2S-R5W

County : Duchesne

State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion 2/19/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

Please see the attached chronological history of the procedure performed for fishing the TAC, squeezing, perforating and acidizing the above referenced well.

RECEIVED
MAR 09 1992

DIVISION OF
OIL GAS & MINING

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

Name & Signature

(State Use Only)

Erleen Danini Bey
Erleen Danini Bey

Title Regulatory Analyst Date 3/4/92

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

6. Lease Designation and Serial Number	Patented
7. Indian Allottee or Tribe Name	N/A
8. Unit or Communitization Agreement	N/A
9. Well Name and Number	Potter 1-14B5
10. API Well Number	43-013-30127
11. Field and Pool, or Wildcat	Altamont

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT (for such proposals)

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
 ANR Production Company

3. Address of Operator
 P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number
 (303) 573-4476

5. Location of Well
 Footage : 1162' FNL & 872' FEL
 Q. Sec. T., S., M. : NE/NE Section 14, T2S-R5W
 County : Duchesne
 State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start 1/15/92

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

Please see the attached procedure to plug & abandon the above referenced well.

RECEIVED

DEC 23 1992

DIVISION OF
OIL, GAS & MINING

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

DATE: 12-29-92
BY: [Signature]

as per attached stipulation

I hereby certify that the foregoing is true and correct.

Name & Signature
[Signature]
Title Use Only) Eileen Damm - Dey

Title Regulatory Analyst Date 12/21/92

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

POTTER #1-14B5 (FISH TAC, SQZ, PERF & ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 90.0000% ANR AFE: 63805
TD: 13,734' PBD: 13,684'
5" LINER @ 11,309'-13,732'
PERFS: 10,855'-13,659'
CWC(M\$): 264.8

PAGE 3

1/24/92 MIRU.
DC: \$1,243 TC: \$1,243

1/27/92 PU fishing tools. POOH w/rods & tbg.
DC: \$3,490 TC: \$4,733

1/28/92 Cont to mill on fish. PU & RIH w/6-1/8" shoe, 6" wash pipe, 2 junk
baskets, 1 jar, 4 - 4-3/4" DC's on 2-7/8" tbg. Tag fish @ 11,304'.
Mill on fish 4 hrs.
DC: \$6,829 TC: \$11,562

1/29/92 Cont milling. Mill 2.5 hrs, made 8". POOH w/tbg. Junk basket full
of metal shavings. 6-1/8" shoe wore out on outside edge. SIH w/new
shoe.
DC: \$5,155 TC: \$16,717

1/30/92 POOH w/worn mill. Mill on fish 7 hrs. Made 1-1/2 feet.
DC: \$5,583 TC: \$22,300

1/31-2/1/92 Prep to run RBP. POOH w/tbg & mill. TAC stuck in shoe. LD
fishing tools. PU & RIH w/4-1/8" mill & CO tools. Work mill through
liner top. Tag fill @ 13,655'. CO fill to 13,656'. POOH.
DC: \$9,907 TC: \$32,207

2/3/92 Prep to sqz wtr zone. RIH w/WL RBP and set @ 11,020'. Dump 2 sx
sand on top. RIH w/2-7/8" tbg. Establish inj rate into perfs
10,855' to 10,922', 24 holes @ 2.5 BPM @ 1200 psi.
DC: \$6,964 TC: \$39,171

2/4/92 POOH w/tbg. Spot 200 sx cmt across perfs. Bradenhead sqz 7 bbls cmt
slurry into perfs @ 1600 psi. Reverse circ tbg.
DC: \$10,402 TC: \$49,573

2/5/92 Prep to circ out cmt. RIH w/6-1/8" drag bit. Did not tag cmt. PT
to 1600 psi. Bled to 1400 psi/5 min, 1100 psi/30 min. Cement
apparently did not set. POOH to 9206'. Circ. Press up on cmt to
1600 psi. Lost 100 psi/20 min. Leave 1600 psi on well.
DC: \$2,974 TC: \$52,547

2/6/92 Cont to DO cmt. SITP 20 psi. RIH & tag cmt @ 9985'. DO 60' hard
cmt & 60' soft cmt to 10,105'. PT to 1600 psi. Bled to 1350 psi/15
min. DO hard & soft cmt to 10,568'. Circ hole clean. Press up to
1600 psi. Lost 200 psi/15 min. Increase press to 1600 psi.
DC: \$3,181 TC: \$55,728

2/7-9/92 Retrieving bridge plug. Do soft & hard cmt to RBP. Did not tag
sand, POOH. PU & RIH w/pkr, set pkr @ 10,700'. PT csg to 1600 psi,
held. PT tbg to 1600 psi. Lost 30 psi in 30 min. Made 5 swab runs.
Swbd back 40 BW. No inflow. RIH w/retrieving hd w/cutright on edges
& jars.
DC: \$10,033 TC: \$65,761

2/10/92 Retrieve RBP. RIH w/retrieving head. Coring cmt & plugging up.
POOH w/retrieving head.
DC: \$3,313 TC: \$69,074

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

POTTER #1-14B5 (FISH TAC, SQZ, PERF & ACDZ)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 90.0000% ANR AFE: 63805

PAGE 4

2/11/92 Retrieve RBP. RIH w/6-1/8" drag bit. DO cmt & tag RBP. SIH w/retrieving head.
DC: \$3,507 TC: \$72,581

2/12/92 Prep to perf. RIH w/retrieving head. POOH w/RBP.
DC: \$5,041 TC: \$77,622

2/13/92 RIH w/7" pkr. Perf Wasatch @ 11,049'-13,581' (162'). FL incr from 9300' to 3900'. RIH w/7" pkr on 3-1/2" tbg.
DC: \$29,382 TC: \$107,004

2/14-16/92 Release pkr. Set 7" pkr @ 10,975'. Acdz perfs w/28,700 gals 15% HCl + add & 1800 - 1.1 BS's. MTP 8900 psi, ATP 8000 psi. MIR 22 BPM, AIR 18 BPM. ISIP 3500 psi, 15 min 3000 psi. Good diversion. 1250 BLWTBR. Swabbed 38 BO and 115 BLW.
DC: \$59,600 TC: \$166,604

2/17/92 POOH w/pkr. Release pkr. POOH w/3-1/2" tbg.
DC: \$4,613 TC: \$171,217

2/18/92 RIH w/rod string. POOH w/pkr & 3-1/2" tbg. RIH w/rod pump equip on 2-7/8" tbg. Set TAC @ 10,388', PSN @ 10,280'.
DC: \$5,240 TC: \$176,457

2/19/92 Return online. RIH w/1-3/4" pump & 86 rod design. PT tbg to 500 psi, held.
DC: \$25,383 TC: \$201,840

2/19/92 Pmpd 162 BO, 234 BW, 250 MCF/18 hrs.

2/20/92 Pmpd 135 BO, 194 BW, 193 MCF.

2/21/92 Pmpd 127 BO, 247 BW, 191 MCF.

2/22/92 Pmpd 160 BO, 214 BW, 189 MCF.

2/23/92 Pmpd 141 BO, 221 BW, 181 MCF.

2/24/92 Pmpd 74 BO, 286 BW, 174 MCF.

2/25/92 Pmpd 98 BO, 258 BW, 156 MCF.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

December 29, 1992

Stipulations for Plugging and Abandonment of
Potter 1-14B5
Section 14, Township 2 south, Range 5 West
Duchesne County, Utah
API # 43-013-30127

1. Notify Division of Oil Gas and Mining 24 hours prior to the beginning of the P & A operations.
2. Perforations of the casing are unnecessary.
3. Place a balanced cement plug in the 7" casing from $\pm 373'$ to $\pm 273'$ or 50' in and 50' out of 13 3/8" casing shoe.
4. After cut off, put 10 sack plug in 7" at surface and 100' plugs in all casing annuli.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

POTTER #1-14B5 (FISH PROD EQUIP)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 67.605% ANR AFE: 62953
TD: 13,734' (WASATCH)
CSG: 5" LINER @ 11,309'-13,732'
PERFS: 10,855'-13,659' (WASATCH)
CWC(M\$): \$142.8

- 11/20-12/4/89 Prep to repatch 7" csg. Pmp 50 BW dwn csg. POOH w/2-7/8" tbg & rods. Remaining fish: perf'd 2-7/8" x 4' sub, 7" TAC and 2 grapple segments. RU csg jacks.
DC: \$42,848 TC: \$42,848
 - 12/5/89 Fish TAC. RIH w/7" RBP & set @ 1260'. ND BOPS. Unland 7" csg. Cut 7" csg off @ 70'. POOH. Dressed 7" top. RIH w/7" csg patch & land 7" csg. Test 7" csg to 1000#. OK.
DC: \$11,917 TC: \$54,765
 - 12/6/89 Fish TAC. RIH W/5-3/4" x 2-3/8" OS & BHA on 2-7/8" tbg to 9917'.
DC: \$4,936 TC: \$59,701
 - 12/7/89 RIH w/new OS. Fin RIH w/5-3/4" x 2-3/8" OS & BHA to fish @ 11,304'. Could not latch. POOH.
DC: \$4,161 TC: \$63,862
 - 12/8/89 POOH w/OS. RIH w/5-3/4" x 2-3/8" OS BHA to fish @ 11,304'. Could not latch fish.
DC: \$4,237 TC: \$68,099
 - 12/11/89 RIH w/rod pump BHA. POOH w/BHA & OS. Start RIH w/7" TAC, 4-1/2" PBGA & PSN on 2-7/8" tbg.
DC: \$4,147 TC: \$72,246
 - 12/12/89 RIH w/86 tapered rod string. Fin RIH w/rod pmp BHA on 2-7/8" tbg. Set TAC @ 10,520'. ND BOP. Land tbg w/18,000# tension. NU WH. Flush tbg w/60 BW. Start RIH w/rod pmp & 86 tapered rod string.
DC: \$6,353 TC: \$78,599
 - 12/13/89 Prep to put on pump. Fin RIH w/rods & pump. Hung well on. RDMO.
DC: \$75,207 TC: \$153,806
 - 12/14/89 Place well on rod pump prod. Pmpd 5 BO, 323 BW, 48 MCF/20 hrs.
 - 12/15/89 Pmpd 18 BO, 449 BW, 48 MCF.
 - 12/16/89 Pmpd 27 BO, 418 BW, 60 MCF.
 - 12/17/89 Pmpd 18 BO, 469 BW, 45 MCF.
 - 12/18/89 Pmpd 11 BO, 643 BW, 75 MCF.
 - 12/19/89 Pmpd 5 BO, 733 BW, 83 MCF.
 - 12/20/89 Pmpd 4 BO, 592 BW, 81 MCF.
- Before on rod pump avg'd: 32 BOPD, 515 BWPD, 290 MCFPD. Final report.

PLUG AND ABANDONMENT PROCEDURE

Potter #1-14B5
Section 14, T2S, R5W
Duchesne County, Utah

WELL DATA

Location: 1162' FNL & 872' FEL
Elevation: 6680' GL, 6708' KB
Total Depth: 13,734'
PBD: 13,684'
Casing: 13-3/8" 68# K-55 ST&C @ 323', cmt'd w/450 sxs
9-5/8" 40# K-55 ST&C @ 7200', cmt'd w/700 sxs (TOC @ 5550')
7" 26# S-95 LT&C @ 11,644', cmt'd w/700 sxs
5" 18# S00-95 liner from 11,309' to 13,732', cmt'd w/363 sxs
Tubing: 2-7/8" 6.5# 8rd N-80 @ 10,383'

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u>	<u>Burst</u>	<u>Collapse</u>
9-5/8" 40# K-55	8.835"	8.765"	.0758 B/F	3950 PSI	2570 PSI
7" 26# S-95	6.276"	6.151"	.0382 B/F	8600 PSI	7800 PSI
5" 18# S00-95	4.276"	4.151"	.0177 B/F	12040 PSI	11880 PSI
2-7/8" 6.5# N-80	2.441"	2.341"	.00579 B/F	10570 PSI	11160 PSI

WELL HISTORY

- September 1972: Initial completion from 11,652' to 13,659', 1 SPF, 52 holes. Acidized w/27,000 gals 15% HCl. IP was 1012 BOPD, 129 BWPD and 1170 MCFPD on a 36/64" choke w/700 psi FTP.
- September 1976: Gas lift installed when well quit flowing.
Rate after: 389 BOPD, 678 BWPD and 1528 MCFPD
- September 1977: CO and acidized w/5000 gals 15% HCl.
Prior to work: 29 BOPD, 18 BWPD and 89 MCFPD
After work: 370 BOPD, 365 BWPD and 1795 MCFPD
- April 1980: Perf from 10,855' to 13,637', 3 SPF, 426 total holes. Acidized perfs from 10,855' to 13,659' (426 new, 52 old) w/34,000 gals 7½% HCl.
Before work: 5 BOPD, 75 BWPD and 78 MCFPD
After work: 65 BOPD, 308 BWPD and 712 MCFPD
- September 1980: Acidized perforations from 11,044' to 12,557' w/34,000 gals 7½% HCl. No apparent production improvement - 26 BOPD, 269 BWPD and 442 MCFPD.
- June 1988: Install beam pump.
Before: 30 BOPD, 309 BWPD and 167 MCFPD (on gas lift)
After: 81 BOPD, 530 BWPD and 127 MCFPD

November 1989: Repair csg part. Unable to fish parted tubing.

February 1992: Fish parted tubing off liner top. Cmt squeeze perforations from 10,855' to 10,922' (24 holes) w/200 sxs cmt, perforate from 11,049' to 11,293', 3 SPF, 69 total holes. Acidize perfs from 11,049' to 13,659', 956 total holes w/28,700 gals 15% HCl w/1800 BS's and diverter.

Pre-workover Prod Rate: 2 BOPD, 6 BWPD, 5 MCFPD

Post-Workover Prod Rate: 98 BOPD, 258 BWPD, 156 MCFPD

Present Status: Shut in - poor economics. Casing leak. Last production 9/27/92. 0 BO, 312 BW, 10 MCF w/a 1.5" pump @ 8.5 SPM and 139" stroke length.

PROCEDURE

1. MIRU service rig. ND wellhead. POOH and LD rods. Send 3/4" National EL rods in for inspection. POOH w/tbg.
2. PU & RIH open ended. Spot 125 sxs cmt on top of RBP @ 10,460'. Total plug from $\pm 9790'$ to $\pm 10,460'$. Attempt to circ hole w/9.0# mud.
3. PU & RIH w/retainer on 2-7/8" tbg. Set retainer @ $\pm 7600'$. Establish circ down 7" csg and up 7" x 9-5/8" annulus. Pump 200 sxs below CICR. Spot 120 sxs cmt on top of CICR. Total cmt plug from $\pm 6960'$ to $\pm 7945'$. Circ hole w/9.0# mud.
4. RU wireline service company. Perforate 4 SPF @ $\pm 2820'$. Establish circ. Pump 14 sxs cmt through perfs and up 7" x 9-5/8" annulus. Leave 100' plug in 7" casing from 2820' to 2720' (19 sxs cmt).
5. RIH and perforate 7" casing 4 SPF @ 370'. Establish circ. Pump 125 sxs cmt down 7" csg and up 7" x 9-5/8" annulus to surface. Total plug from surface to 370'.
6. Fill 13-3/8" x 9-5/8" annulus w/cmt from 370' to surface, approximately 108 sxs.
7. Weld DHM to 7" csg w/necessary inscription. RDMO. Restore location as required.

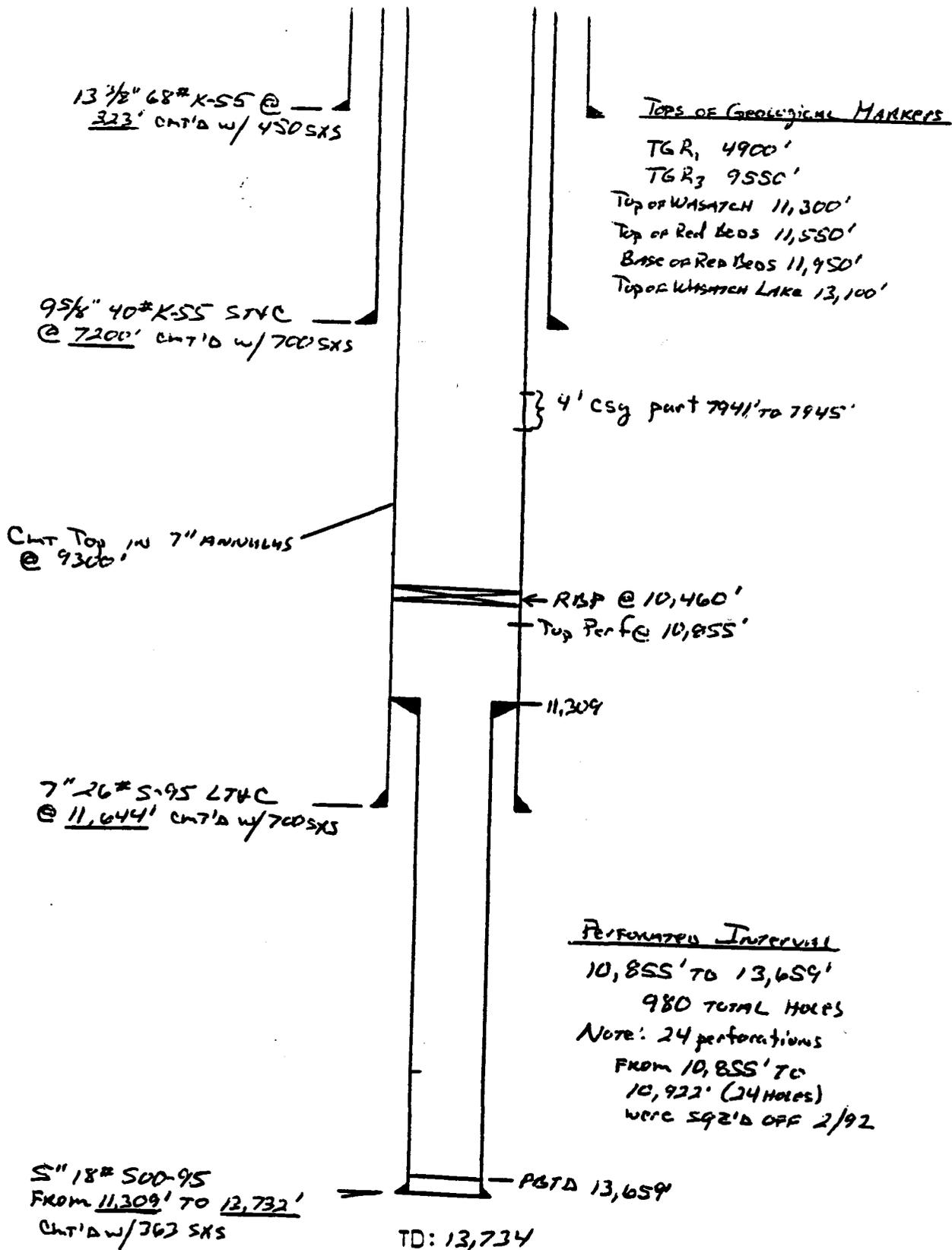
SCP:cam

PRESENT WELLBORE SCHEMATIC

Potter #1-1425

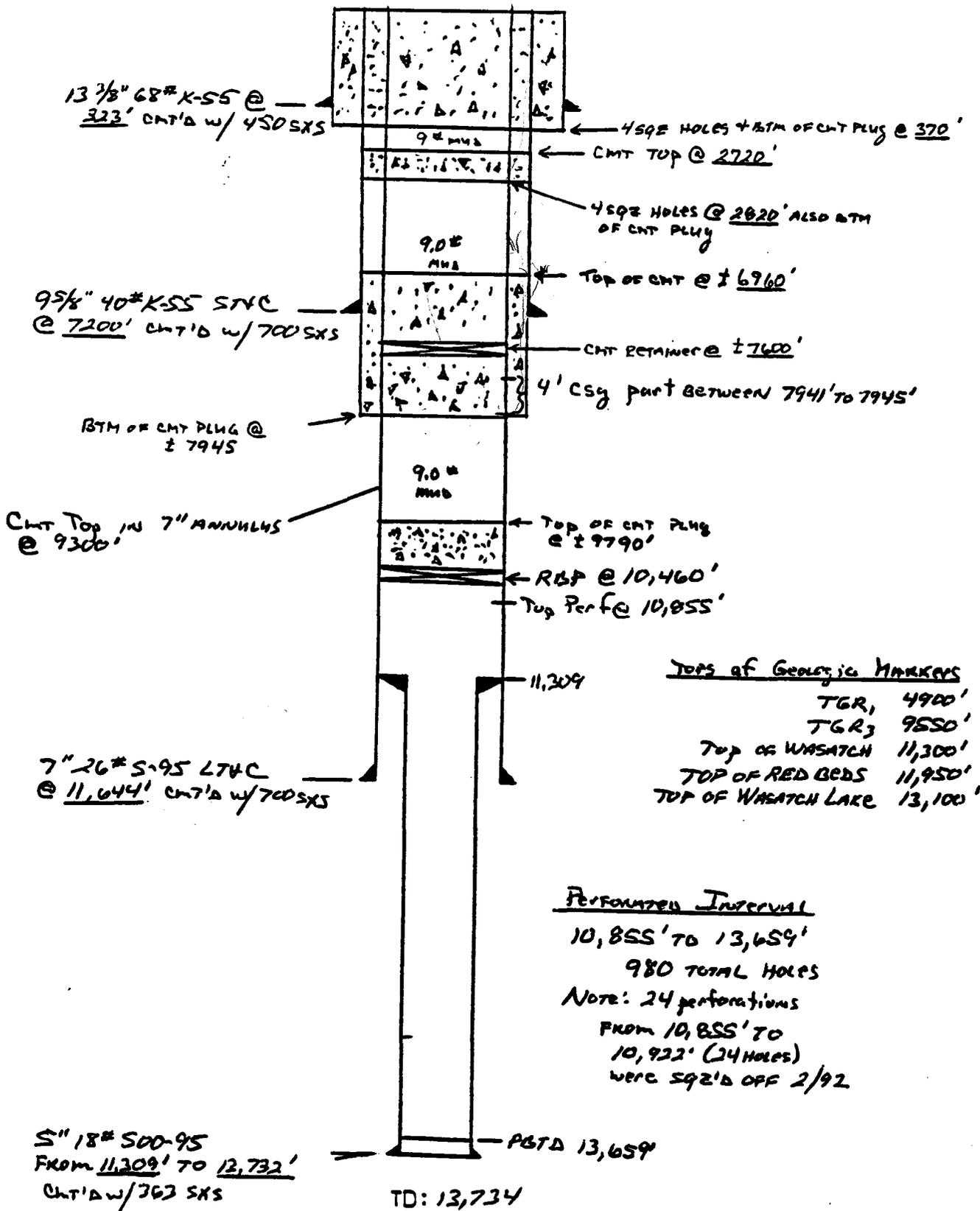
S.C. Prutch

10/9/92



Potter #1-1425
 PROPOSED P&A SCHEMATIC

S.C. Prutch
 10/9/92



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ABANDONMENT OPERATIONS

COMPANY NAME: ANR COASTAL PRODUCTION CO.

WELL NAME: POTTER 1-14B5

QTR/QTR: NE/NE SECTION: 14 TOWNSHIP: 2 S RANGE: 5 W

COUNTY: DUCHESNE API NO: 43-013-30127

CEMENTING COMPANY: SUN WELL SERVICE WELL SIGN: Y

INSPECTOR: HEBERTSON TIME: VARIOUS DATE: 1-20-1-23/93

CEMENTING OPERATIONS: PLUGBACK: SQUEEZE: P&A WELL: X

SURFACE PLUG: Y INTERMEDIATE PLUG: 7,940 & 7,200'

BOTTOM PLUG SET @: 10,460 WIRELINE: Y MECHANICAL:

PERFORATIONS: SQUEEZE PRESSURE: N/A

CASING SIZE: SURFACE: 9 5/8" PRODUCTION: 7 "

GRADE: SURFACE: PRODUCTION: S-95,26#

PRODUCTION CASING TESTED TO: PSI TIME: MIN:

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

1. SURFACE PLUG: 20 SX G NEAT

2. INTERMEDIATE PLUGS: 300 SX G NEAT VARIOUS DRPTHs.

3. BOTTOM PLUG: 125 SX G NEAT

4. CEMENT ON TOP OF PLUG: 2-SX.

5. ANNULUS CEMENTED: 100' PLUG IN ANNULUS

6. FLUID IN WELL BORE: 9 LB BRINE WATER.

ABANDONMENT MARKER SET:

PLATE: Y PIPE: CORRECT INFORMATION:

REHABILITATION COMPLETED: N

COMMENTS: 7,940 7" CASING PULLED 125 SX PLUGGS SET 50' IN AND .
50' OUT OF SEVEN INCH. 125 SX PLUG SET IN 9 5/8 AT 7,200' 50' IN
AND 50' OUT. SURFACE PLUG SET AT SURFACE ANNULUS FILLED.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Potter #1-14B5

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-30127

3. Address and Telephone Number:

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Wildcat:

Altamont

4. Location of Well

Footages: 1162' FNL & 872' FEL

County: Duchesne

QQ, Sec., T., R., M.: (NE/NE) Section 14, T2S-R5W

State: Utah

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

NOTICE OF INTENT

(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion 1/25/93

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

* Must be accompanied by a cement verification report.

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

Please see the attached chronological history and cement verification for the plug and abandon procedure performed on the above referenced well.

RECEIVED

MAR 03 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature:

Kileen Danni Dey
Kileen Danni Dey

Title: Regulatory Analyst

Date: 2/26/93

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

POTTER #1-14B5 (PLUG & ABANDONMENT)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 90.0000% ANR AFE: 64447
TD: 13,734'
5" LINER @ 11,309'-13,732'
PERFS: P&A'D (WASATCH)
CWC(M\$): 49.4

PAGE 5

- 1/19/93 MIRU Sun Well Service. POH & LD 107 - 1", 123 - 7/8", 157 - 3/4", 20 - 1" rods. ND WH, NU BOP. Tag PBD @ 10,460' w/2-7/8" tbg. RU cementers. SDFN.
- 1/20/93 Est circ. Spot 125 sx cmt @ 9800' to top of RBP @ 10,460'. POH to 9300'. Circ hole w/9 ppg brine. POH, ND WH. Attempt to weld on landing jt - magnetized - would not weld.
- 1/21/93 Latch 7" csg w/spear. Jack 7" csg free @ previous part @ 7941'. TOH & LD 7" csg. NU WH. SDFN.
- 1/22/93 RIH w/open-ended 2-7/8" tbg, spot 75 sx cmt @ 7803'-7997'. POH, spot 100 sx cmt @ 7000'-7251' (9-5/8" shoe). POH, spot 35 sx cmt @ 270'-370'. POH, spot 40 sx cmt @ sfc to 120'.
- 1/25/93 Dig out WH, cut off WH & csg. Spot 90 sx cmt in 9-5/8" x 13-3/8" annulus @ sfc to 280'. Weld on plate. State of Utah witnessed P&A. Well P&A'd 1/25/93. Final report.
TC: \$25,500

Retain in Well File

PLUGGING DIAGRAM W/CASING CUT OFF

OPERATOR Coastal Oil & Gas

LEASE NO. _____

WELL NAME & NO. Potter 1-14-85

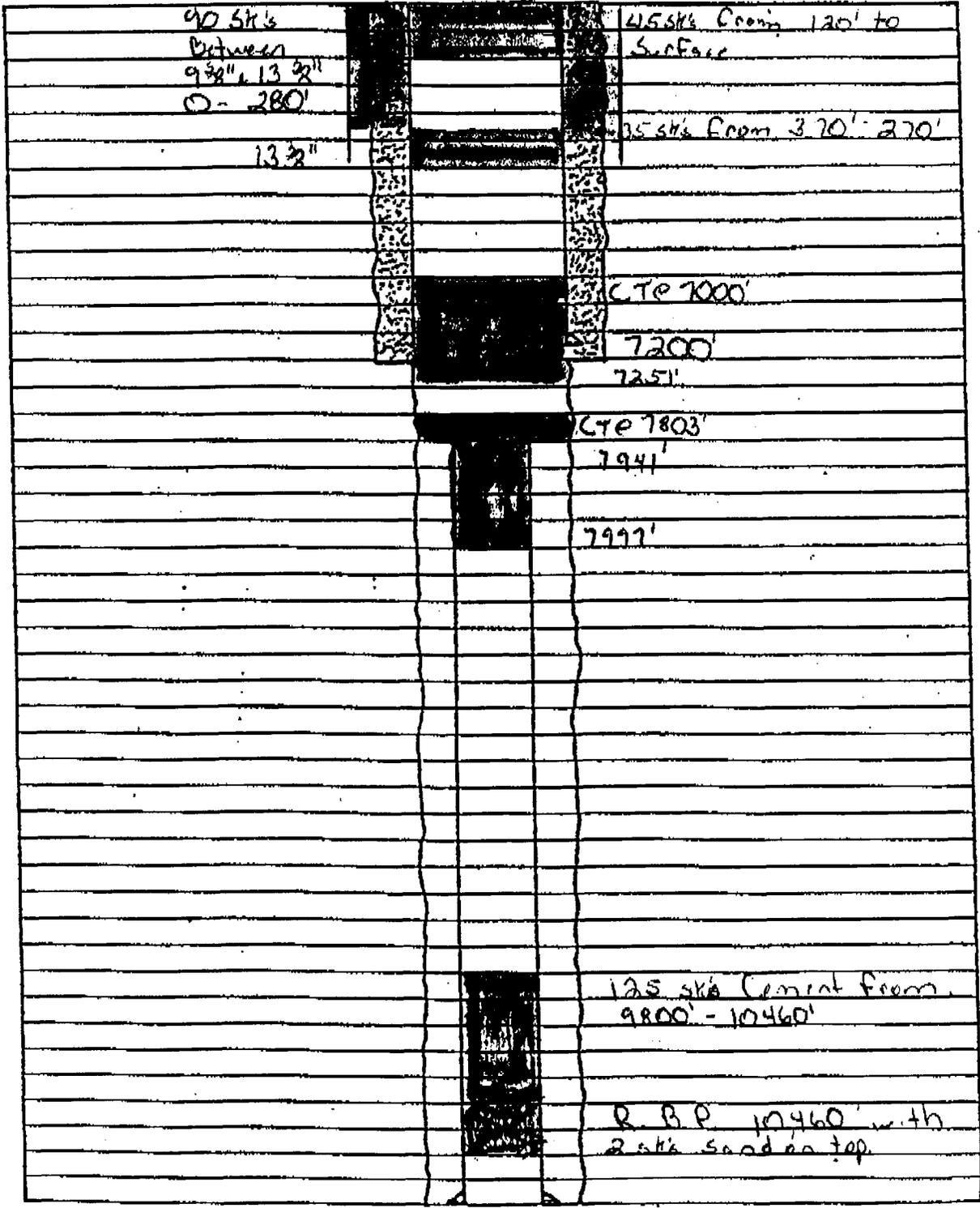
44' SEC. 14 T. 2S R. 5W

FIELD Altamont Blue Bell COUNTY Ouchesne

STATE Utah

INSPECTOR _____ TITLE _____

DATE _____



EP-2032 (REV. 12-83)

xc: Eileen

INCIDENT/LEAK REPORT

REPORT DATE 2-2-93

INCIDENT/LEAK REPORT FOR (Check appropriate classifications)

LINE LEAK POLLUTANT SPILL BLOWOUT LIFE THREATENING
 INJURY LOSS OF LIFE FIRE EXPLOSION

A. INCIDENT REPORT INFORMATION

LOCATION: FIELD Lewiston COUNTY McKenzie SECTION 14 T 150N R 10W LEASE NO. 1433 SURFACE OWNER Pete Mygaard Jr.

STATE North Dakota

TIME OF INCIDENT: DATE 2-1-93 TIME OF DISCOVERY 5:30 AM TIME OF INCIDENT 6:00 AM Someone called

NATURE AND CAUSE OF INCIDENT: Treater fire, burned Treater house and piping inside Treater house
Treater vessel seems to be ok. Fire confined to house + piping

DESCRIPTION OF ENVIRONMENTAL IMPACT OR PERSONAL INJURY: no environmental impact or personal injuries.

VOLUME OF LIQUIDS SPILLED: BARRELS OIL none BARRELS WATER none VOLUME OF LIQUIDS RECOVERED: BARRELS OIL none BARRELS WATER none

TIME TO CONTROL AND CLEANUP: 1 hr from reporting time fire was put out by Alexander Fire Department which is about 4 miles away

CLEAN UP PROCEDURE:

ACTION TO PREVENT RECURRENCE:

DATA ON EQUIPMENT INVOLVED: MAKE OR MANUFACTURER (if plastic pipe) C.E. Niles Treater SIZE 6 x 20 vert. WORKING-TEST PRESSURE 60# vessel INSTALLATION DATE 1981

TYPE USE water treater PHYSICAL DAMAGE Treater house + piping EST. CLEANUP COST FOREMAN'S CHARGE CODE

AGENCY NOTIFICATION LIST:

EPA	NAME	DATE REPORTED
BLM	NAME	DATE REPORTED
DEPT. OF HEALTH	NAME	DATE REPORTED

B. LEAK REPORT INFORMATION

LOCATION (use well no., station no., water well no., section no., or comments):

1. (Nearest origin point ~~of leak~~) 14-33 Mygaard. 2. (Nearest destination point ~~of leak~~) at Battery + well location.

2. SOURCE OF LEAK (Check all applicable ballot boxes):

INTERNAL CORROSION BODY HOT OILING/OVER PRES. EARTH MOVEMENT
 EXTERNAL CORROSION COLLAR WELD BACKHOE OTHER (specify) (use comments/sections)

LEAK OCCURRED: FEET FROM NEAREST WELL PLANT OR BATTERY AT END OF LINE: USE OF LEAKING ITEM: 3. water treater 4. LINE, TANK (TREATER) OR PUMP MADE OF: Steel

5. TERRAIN (LEVEL, UPHILL, DOWNHILL): 6. ESTIMATED REPAIR COST: 7000, to 10,000

COMMENTS: Someone drove by on highway and I thought that the man who passed the road had a fire on his S.W.D. well. He called the Alexander Fire Dept they responded @ 6:05 minutes they had the fire out by 6:45 AM. I called the Alexander Fire Dept 2-2-93. they said their cost would be approx \$350.00. I thanked them for their quick response.

REPORTED BY: D.R. Danner APPROVED BY: