

FILE NOTATIONS

Entered in NID File ✓
Location Map Finaad ✓
Card Indexed ✓

Checked by Chief *PWB*
Approval Letter *11-20-72*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *10-7-73*
OW..... NW..... TA.....
GW..... OS..... PA.....

Location Inspected ...
Bond released
State or Fee Land

LOGS FILED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR **Shell Oil Company (Rocky Mtn Div. Production)**
Amerada Hess Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **2270' PSL and 2554' FEL Sec 35**
 At proposed prod. zone

11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA
N/4 SE/4 Section 35-T 15-R 34

12. COUNTY OR PARISH **Duchesne** 13. STATE **Utah**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1 1/2 miles west of Bluebell

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) **2270' from nearest lease line**

16. NO. OF ACRES IN LEASE **640**

17. NO. OF ACRES ASSIGNED TO THIS WELL **640**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **No other wells on lse**

19. PROPOSED DEPTH **15,000'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **6101 GL (Ungraded)**

22. APPROX. DATE WORK WILL START* **Soon**

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462-180A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-35A3

10. FIELD AND POOL, OR WILDCAT
Altamont dfa

11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA
N/4 SE/4 Section 35-T 15-R 34

12. COUNTY OR PARISH **Duchesne** 13. STATE **Utah**

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	68#	300'±	To etc
12 1/2"	9 5/8"	40#	6500'±	1000 cu ft - Cam lower
8 3/4"	7"	26#	11,700'±	2,000' and eqn cam top
6 1/8"	5"	18#	15,000' TD	800 cu ft
				800 cu ft - Circ through liner

As per attached survey plat and four copies of Designation of Operator from Amerada Hess Corp.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
 2 cc's: Oil and Gas Conservation Commission w/survey plat and copies of Designation of Operator Salt Lake City, Utah

DATE **11-20-72**
 BY **C. P. Ferguson**

for mud 13/14
Ok

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

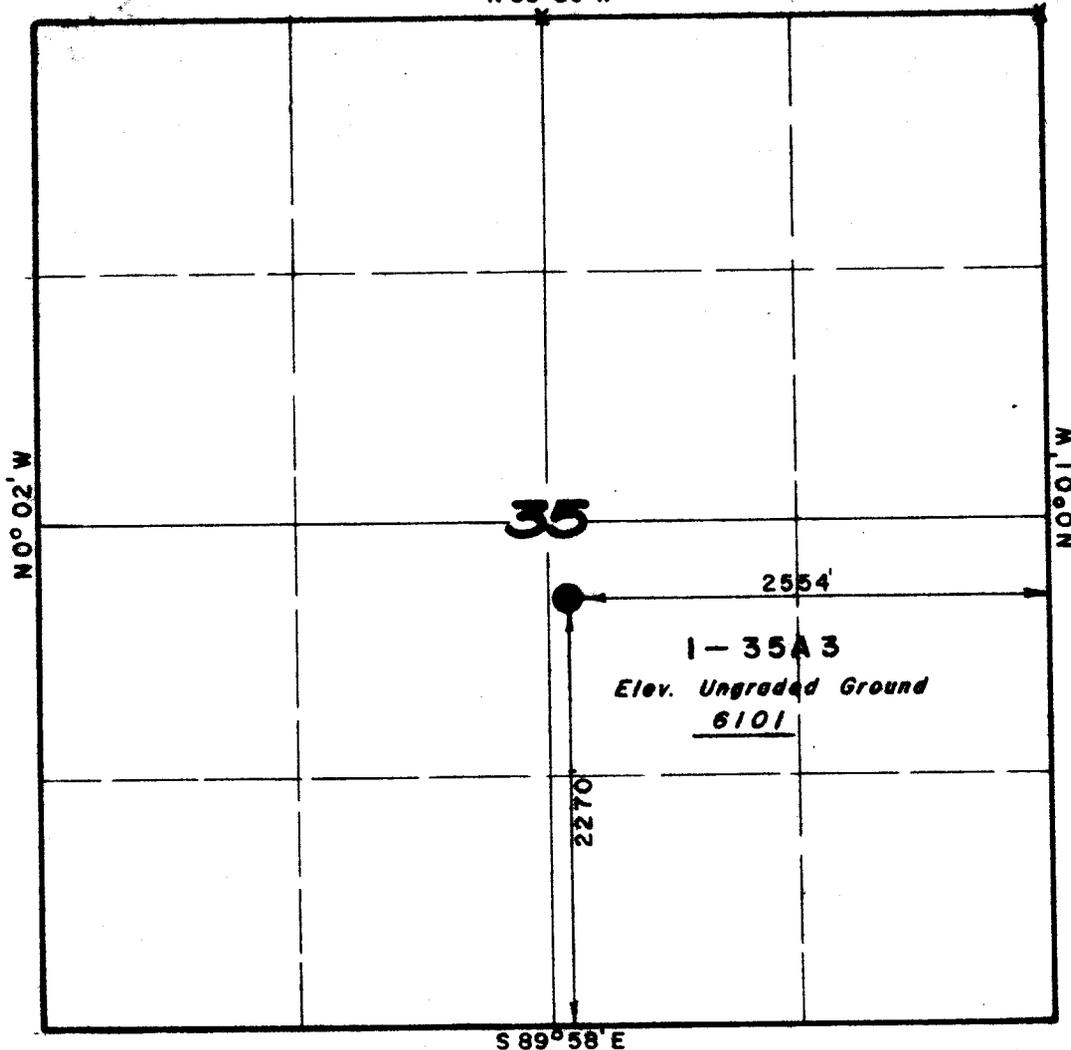
24. SIGNED K. E. JORDAN TITLE Division Operations Engr. DATE November 16, 1972

(This space for Federal or State office use)
 PERMIT NO. 43-013-30181 APPROVAL DATE _____

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

T1S, R3W, U.S.B. & M.

N 89° 59' W



N 0° 02' W

N 89° 59' W

35

2554'

1-35A3

Elev. Ungraded Ground
6101

2270'

S 89° 58' E

X = Corners found & used.

PROJECT
SHELL OIL COMPANY

Well location, 1-35A3, located as shown in the NW 1/4 SE 1/4 Section 35, T1S, R3W, U.S.B. & M., Duchesne County, Utah.



CERTIFICATE

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

Gene 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 23 Oct. 1972
PARTY G.S. & H.M.	REFERENCES GLO Plat
WEATHER Cool	FILE Shell Oil Company

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Uintah and Ouray Agency
SERIAL No.: Indian Lease No. 14-20-H62-1804

and hereby designates

NAME: Shell Oil Company
ADDRESS: 1700 Broadway, Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 1 South, Range 3 West, Uinta Meridian, Utah
Section 35: All

(containing 640 acres)

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

AMERADA HESS CORPORATION
(formerly Amerada Petroleum
Corporation)

BY *C. M. Murray*
(Signature of lessee)
C. M. Murray, Attorney-In-Fact

P. O. Box 2040, Tulsa, Okla. 74102
(Address)

October 24, 1972
(Date)

November 20, 1972

Shell Oil Company
1700 Broadway
Denver, Colorado

Re: Well No. Ute #1-35A3
Sec. 35, T. 1 S, R. 3 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 131-14, dated August 11, 1971.

Said approval is, however, conditional upon this office receiving written notification as to the type of blowout prevention equipment, and mud monitoring system to be installed on said well.

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: 277-8890
OFFICE: 328-5771

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

The API number assigned to this well is 43-013-30181.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

OIL WELL

SHELL-AMERADA HESS-

FROM: 11-30-72 - 11-6-73

ALTAMONT

LEASE	UTE	WELL NO.
DIVISION	ROCKY MOUNTAIN	ELEV
COUNTY	DUCHESNE	STATE

1-35A3
6132 KB
UTAH

UTAHALTAMONT

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test

"FR" 70/100/1/70. Drilling.
Located 2270' FSL and 2554' FEL (NW/4, SE/4),
Section 35-T1S-R3W, Duchesne County, Utah.
Elev: 6101 GL (ungraded)
15,000' Wasatch Test
Shell Working Interest: 100% (Amerada carried 50%)
Drilling Contractor: Parker Drilling
This is a routine Wasatch development well.
Spudded well 9:30 PM, 11/29/72. NOV 30 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13 3/8" csg at 310'

310/100/2/240 WOC. Reamed 20'. BHA stuck; working
kelly out of hole. Dev: 3/4° at 150, 1° at 300.
Ran and cem 8 jts (313') 68# K-55 8rd Rg-3 ST&C
13 3/8" csg at 310' w/100 sx BJ lite, 2% CaCl₂ and
175 sx Class "G" cem, 2% CaCl₂. Bumped plug w/500
psi 1 AM 12-1-72. Circ approx 50 sx cement.
Mud: (.447) 8.6 x 40 DEC 1 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

12/2: 310/100/3/0. Drilling cmt. Welded on WF head.
Nippled up BOP stack. Tripped in w/BHA and drld plug
@ 269'.
Mud: Wtr
12/3: 1420/100/4/1110. Drilling. Dev: 1-1/4° @ 800',
1-1/2° @ 1196, 1-3/4° @ 1360'. Tripped for new bit @
1360'.
Mud: Wtr
12/4: 2235/100/5/815. Drilling. Dev: 2° @ 1860,
1-1/2° @ 2175'. DEC 4 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

3054/100/6/819. Tripping for new bit.
Mud: Wtr DEC 5 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

3414/100/7/360. Thawing out air lines. Dev: 1 1/2° @
3054. Changed out btm reamer - replaced w/stab.
Mud: Wtr DEC 6 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

3644/100/8/230. Washing 200' of fill to btm. Dev: 1 1/2°
@ 3644. Tripped for new bit @ 3644. Started reaming
and washing to btm - 200' of fill. DEC 7 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13 3/8" csg at 310'

4025/100/9/381 Drilling. DEC 3 1972
Mud: (.433) Water

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

12/9: 4445/100/10/420. Drilling.
Mud: Wtr
12/10: 4834/100/11/389. Drilling. DEC 11 1972
Mud: Wtr
12/11: 5197/100/12/363. Drilling.
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5294/100/13/97. Drilling. Dev: 2° @ 5234'. Tripped
for new bit @ 5262, washing and reaming 372' of fill
to btm. DEC 12 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5652/100/14/358. Drilling.
Mud: Wtr DEC 13 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5903/100/15/251. Attempting to back off DP @ 5452.
Pipe stuck @ 5850 while making connection; lost
returns. Installed oil jars under kelly and jarred
on stuck pipe. RU Dia-log and ran freepoint and back-off
shot - pipe free @ top DC. Attempted back off 3 jts above
free pipe @ 5452 - unable to back off. DEC 14 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13 3/8" csg at 310'

5903/100/16/0 Displacing hole w/gel mud. Backed off
DP at 5520' leaving 1 jt on top of DC's. Circ while
waiting on gel mud and fishing tools. Pulled DP. SIM
out. Picked up 1 jt DP w/7 3/4" DOT jars, 3 9" DC's,
6 - 7" and 15 jts DP. Ran in hole to approx 5,000'.
Mud: (.433) Wtr DEC 15 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

12/16: 5903/100/17/0. Circ and cond mud. Top of fish @ 5520. Attempted to displace hole w/gelled mud - fishing string plugged w/drill cuttings. CO 90' to btm, tripped to 4500' breaking circ every std to top of fish. Circ and cond mud and hole, circ out cuttings.

Mud: (gradient .442) 8.5 x 32-36 x 20

12/17: 5903/100/18/0. Washing over fish @ 5525.

Attempted to screw into fish - too much fillup on top of fish. Pulled jarring assembly, picked up 8 jts (230') of 10-3/4" 51# Hydril wash pipe and went in hole, finding fillup @ 5210. Washed 310' to top of fish which cond mud. Got over top of fish w/o trouble.

Mud: (gradient .468) 9.0 x 48 x 9.0

12/18: 5903/100/19/0. Pulling out of hole w/fish. Washed over fish from 5520-5740. Circ and cond mud. Pulled wash pipe and tripped in w/jarring assembly. Screwed into fish and jarred out 5 jts DP. Started tripping out w/fish.

Mud: (gradient .468) 9.0 x 47 x 8.0 DEC 18 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5928/100/20/25. Drilling. Finished pulling fish and unplugged same. Made up BHA and went in hole, reaming and washing from 5202-5903. DEC 19 1972

Mud: 8.9 x 37 x 8

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

6140/100/21/212. Drilling. DEC 20 1972

Mud: 8.9 x 34

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

6292/100/22/152. Drilling.

Mud: 9.0 x 33 DEC 21 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

6396/100/23/104. Drilling. Circ btms up, tripped for new bit @ 6336, ran in hole w/BHA and washed 140' to btm.

Mud: 9.2 x 32 x 8.9 DEC 22 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

12/23: 6598/100/24/202. Drilling.

Mud: 9.1 x 31 x 114.

12/24: 6800/100/25/202. Short tripping. Circ and worked pipe prior to short tripping.

Mud: 9.1 x 51 x 11.3

12/25: 6800/100/26/0. Cmtg 9-5/8" csg. Finished short tripping, circ and sptd 80-bbl gel pill. Made SIM out of hole and laid down twelve 9" DC's, 3 stabs, shock sub and subs. Ran 165 jts K-55, 40# ST&C 9-5/8" csg w/pipe stopping @ 6740. Washed to 6757. Hal shoe @ 6757 and float @ 6632'.

Mud: 9.1

12/26: 6800/100/27/0. Nippling up 9-5/8" csg. Mixed and sptd 625 cu ft B-J lightwt w/0.1% R-5, followed by 235 cu ft Class "G". CIP @ 8 AM, 12/25/72. Did not bump plug. Five bbls over displacement. WOC, nipped down and started nippling up 9-5/8" csg DEC 26 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

6800/100/28/0. Installing kelly spinner and nippling up. Finished nippling up 9-5/8" csg. Mixed and pmpd 300 sx Class "G" cmt w/3% CaCl₂ between 9-5/8" x 13-3/8" annulus w/max of 150 psi press. Tested BOP's and lines to 5000 psi using Yellow Jacket. DEC 27 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

6874/100/29/74. Drilling. Picked up and ran 7" DC and HW DP, hitting cmt @ 6597. Drld cmt float. Tested csg to 2000 psi. DEC 28 1972

Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

7110/100/30/236. Drilling. Dev: 3-1/4° @ 6906 and 3-3/4° @ 7000'. Changed bit @ 7000', washing to btm.

Mud: wtr DEC 29 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

12/30: 7511/100/31/411. Drilling.

12/31: 7893/100/32/382. Drilling.

1/1: 8256/100/33/363. Drilling.

1/2: 8473/100/34/217. Drilling. Tripped for new bit @ 8308.

Mud: Wtr JAN 2 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

8885/100/35/412. Drilling. JAN 3 1973
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

9221/100/36/336. Tripping in w/jk sub. Dev: 3° @
9221. While tripping out, left 8 inserts and bearings
out of cone in hole. JAN 4 1973
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

9610/100/37/389. Drilling. Finished trip in w/jk
sub, washed and reamed 30' and picked up jk in basket.
Mud: Wtr JAN 5 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

1/6: 10,086/100/38/476. Drilling.
Mud: Wtr
1/7: 10,191/100/39/105. Drilling. Mudded up @ 10,175.
Circ and worked pipe. Tripped for new bit @ 10,176.
Washed and reamed from 9911-10,176.
Mud: (gradient .452) 8.8 x 34 x 5.0 (2% oil)
1/8: 10,458/100/40/267. Driling. Hole sloughing.
Raised mud wt to 9.1. Connection gas: 50-200 units.
Mud: (gradient .460) 9.1 x 37 x 4.0 (3% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

10,683/100/41/225. Drilling. Background gas: 175-250
units. Connection gas: 350 units.
Mud: (gradient .485) 9.3 x 39 x 5.0 (2% oil) JAN 9 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

10,795/100/42/112. Drilling. Dev: 3° @ 10,700.
Washed 7' of fill to btm. Background gas: 50-175 units.
Trip gas: 1200 units. Mud cutting from 9.3 to 8.6 ppg.
Mud: (gradient .500) 9.6 x 40 x 5.2 (3% oil) JAN 10 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,044/100/43/249. Drilling. Background gas: 50-215
units. Connection gas: 450 units. JAN 11 1973
Mud: 10.1 x 39 x 5.8

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,253/100/44/209. Drilling. Lost 110 bbls mud. Back-
ground gas: 215 units. Max gas: 375 units. Connection
gas: 500 units, w/mud cutting from 11.1 to 10.9 ppg.
Mud: (gradient .559) 11.2 x 40 x 6.0 (2% oil) JAN 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

1/13: 11,290/100/45/37. Tripping in w/new bit.
Dev: 3° @ 11,280. Circ btms up and checked for
flow. Lost 475 bbls mud last 24 hrs. Background
gas: 275-500 units. Connection gas: 50-200 units.
Mud: 11.6 x 42 x 5.2 (4% LCM) (2% oil)

1/14: 11,368/100/46/78. Drilling. Washed and
reamed to btm. Lost 20 bbls mud last 24 hrs. Back-
ground gas: 150-200 units. Connection gas: 250-300
units.

Mud: 11.8 x 43 x 5.6 (5% LCM) (2% oil)

1/15: 11,443/100/47/75. Drilling. Reduced pump
rate due to lost circ. Background gas: 50-225 units.
Connection gas: 600 units. Lost 285 bbls mud past
24 hrs. JAN 15 1973

Mud: (gradient .625) 12 x 47 x 7.2 (5% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,496/100/48/53. Drilling. Tripped for new bit @
11,449. Broke circ @ 7500' and circ btms up. Reamed
15' to btm. Lost 50 bbls mud. Background gas: 65-175
units. Trip gas: 1250 units, w/mud cutting to 11.2 ppg.
Connection gas: 250 units. JAN 16 1973
Mud: (gradient .640) 12.3 x 40 x 7.0 (5% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,597/100/49/101. Drilling. Background gas: 60-100
units. Connection gas: 175 units. Lost 150 bbls mud.
Mud: (gradient .645) 12.4 x 41 x 7.2 (6% LCM) (2% oil)
JAN 17 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,650/100/50/53. Logging. Circ and cond mud 3½ hrs.
RU Schl and attempted to run DIL - tool failed. Back-
ground gas: 50-100 units. Connection gas: 600 units.
Lost 30 bbls mud last 24 hrs. JAN 18 1973
Mud: (gradient .650) 12.5 x 43 x 7.2 (6% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,650/100/51/0. Staging in hole. Had two misruns
while attempting to log. Down 8 hrs due to Schl tool
problems. Ran in hole, breaking circ @ 6757. Ran
logs as follows: DIL and FDC-CNL-GR from 11,660-6757
and BHCS-GR w/cal from 11,660-300. JAN 19 1973
Mud: (gradient .650) 12.5 x 43 x 7.2 (6% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

1/20: 11,650/100/52/0. Running 7" csg. Staged in hole and broke circ @ 10,000'. Circ out 1100 units gas @ 10,883 w/mud cutting from 12.5 to 11.0 ppg. Ran to btm and circ and cond mud. Mud cutting to 11.7 ppg w/900 units gas. Pulled wear bushing and RU to run 7" csg. Lost 50 bbls mud last 24 hrs. Hole made some oil while circ.

Mud: (gradient .650) 12.5 x 45 x 8.2 (5% LCM) (4% oil)

1/21: 11,650/100/53/0. Nippling up and WOC. Float eqmt not working while running csg. Filled csg every 10 jts. Circ @ 3000'. Csg started flowing @ 6000'. Dropped ball and circ w/o returns w/no indication of when ball went through float or shoe. SD pump w/flow-back through csg. Pmpd in 13.3 ppg slug - cont'd flowing back. Flowed until dead and finished running csg. Ran 32 jts 7" 29# S-95 ST&C (1399.34') and 244 jts 7" 26# CF-95 LT&C (10,255.80') w/shoe @ 11,649 and float @ 11,512. Cmtd w/100 sx B-J lightwt w/0.5% D-31 and 117 sx Neat w/1% D-31 and 0.1% R-5. Had no returns. Bumped plug @ 4 AM w/2000 psi, float held OK. Lost 700 bbls mud last 24 hrs.

JAN 22 1973

Mud: 12.5 x 45 x 8.2 (5% LCM) (4% oil)

1/22: 11,650/100/54/0. Installing Hydril rubber. WOC, cut off 7" csg and installed AP spool. Tested to 3000 psi, OK. Nippled up BOP's and Yellow Jacket tested - Hydril would not hold.

Mud: 12.5

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,650/100/55/0. Picking up 3½" DP. Installed Hydril rubber and tested to 3500 psi. Installed wear ring and laid down 7" DC.

JAN 23 1973

Mud: 12.5

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,664/100/56/14. Drilling. Finished picking up 3½" DP. DO float, cmt and shoe. Tested csg to 2000 psi. Background gas: 15-50 units. Trip gas under shoe: 300 units.

Mud: (gradient .650) 12.5 x 53 x 8.0 JAN 24 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,707/100/57/43. Making up magnet and jk sub. Circ and mixed slug. Pulled out of hole, leaving approx 2/3 of one cone in hole. Background gas: 8 units. Downtime gas: 275 units.

Mud: (gradient .657) 12.7 x 44 x 7.8 JAN 25 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,712/100/58/5. Circ for trip. Ran in hole w/magnet and circ btms up. Worked magnet on btm, rec'g jk. Chained out of hole. Ran in w/BHA and reamed 57' to btm. Circ and cleaned btm 30 min. No mud loss. Background gas: 0-20 units. Connection gas: 75 units. Trip gas: 250 units w/mud cutting to 12.3 ppg. Mud: (gradient .658) 12.8 x 44 x 8.0
JAN 26 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

1/27: 11,725/100/59/13. Drilling. Rec'd some jk in jk sub, CO same. Tripped in hole and circ clean to btm, washing last 75' of hole. Tripped for bit @ 11,725.

Mud: 13.1 x 40 x 8.4

1/28: 11,828/100/60/103. Drilling. Circ and CO to btm.

Mud: 13.5 x 45 x 8.2

1/29: 11,906/100/61/78. Drilling. Lost 15 bbls mud last 24 hrs. Background gas: 5-40 units. Connection gas: 40 units.

Mud: 13.9 x 51 x 8.0
JAN 29 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,976/100/62/70. Drilling. Background gas: 0-30 units. Mud: (gradient .725) 14.0 x 49 x 7.8 (2% oil)
JAN 30 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

12,041/100/63/65. Drilling. Made short trip. Lost 10 bbls mud. Background gas: 5-25 units. Connection gas: 25 units.

Mud: (gradient .740) 14.3 x 45 x 7.0
JAN 31 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

12,136/100/64/85. Drilling. Drld 2 hrs, pmpd slug and pulled into csg w/no drag. Tripped out and laid down jk basket. Ran in w/new bit, breaking circ @ shoe. Washed 43' to btm. Background gas: 5-10 units. Connection gas: 5-10 units.

Mud: (gradient .750) 14.4 x 45 x 7.5 (2% oil)
FEB 1 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

12,293/100/65/157. Drilling. Mud: 14.8 x 45
FEB 2 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

2/3: 12,401/100/66/108. Drilling.
Mud: (gradient .780) 15.0 x 45 x 7.8
2/4: 12,506/100/67/105. Drilling. Checked for flow -
had 50% flow incr w/600 unit gas show @ 12,435. Built
mud wt in suction pit to 15.3 ppg. Lost 175 bbls mud.
Background gas: 5 units. Connection gas: 350-250 units.
Mud: (gradient .800) 15.4 x 47 x 7.9
2/5: 12,634/100/68/128. Drilling. No mud loss.
Background gas: 5-25 units. Connection gas: 200-750 units.
Mud: (gradient .805) 15.5 x 45 x 7.5 FEB 5 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

12,644/100/69/10. Reaming tight hole. Tripped for
bit w/hole being tight from 11,830-12,008. Tested
BOP's. Ran BHA to shoe, broke circ. Reamed from
11,837 to 12,008.
Mud: (gradient .805) 15.5 x 47 x 7.4 FEB 6 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

12,808/100/70/164. Drilling. Washed and reamed to
btm. Lost 41 bbls mud. Background gas: 2-20 units.
Trip gas: 1000 units w/mud cutting from 15.5 to 14.7
ppg.
Mud: (gradient .805) 15.5 x 7.6 WL FEB 7 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

12,966/100/71/158. Drilling. Lost 255 bbls mud.
Background gas: 50-30 units. Connection gas: 120
units.
Mud: (gradient .805) 15.5 x 44 x 7.0 FEB 8 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

13,104/100/72/138. Drilling. Short tripped - hole in
good cond. Cut mud wt from 15.5 to 14.4 ppg. Lost 80
bbls mud last 24 hrs. Varying wt, rotary speed and
pump press due to mud loss and torque. Short trip gas:
500 units w/mud cutting from 15.5 to 14.8 ppg. Back-
ground gas: 5-80 units. Connection gas: 110-300 units.
Mud: (gradient .800) 15.4 x 46 x 7.1 FEB 9 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

2/10: 13,257/100/73/153. Drilling. Lost 65 bbls mud.
Background gas: 25-30 units. Connection gas: 200 units.
Mud: 15.4 x 42
2/11: 13,397/100/74/140. Drilling. Lost 185 bbls mud.
Background gas: 20-75 units. Connection gas: 300 units.
Mud: (gradient .800) 15.4 x 42 x 6.8
2/12: 13,459/100/75/62. Drilling. Pulled 19 stds.
Tripped back w/no fill. Slugged pipe and pulled out of
hole for new bit. Broke circ @ 11,650, finished in
hole and reamed 60' to btm.
Mud: (gradient .800) 15.4 x 42 x 8.4 FEB 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

13,640/100/76/181. Drilling. Background gas: 10 units.
Connection gas: 150 units w/mud cutting to 15.2 ppg.
Mud: (gradient .800) 15.4 x 44 x 7.5 FEB 13 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

13,800/100/77/160. Drilling. Background gas: 40-150
units. Connection gas: 260 units w/mud cutting to 15.1
ppg. Raising mud wt to 15.5 ppg.
Mud: (gradient .800) 15.4 x 42 x 8.1 FEB 14 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,900' Wasatch Test
7" csg @ 11,649'

13,900/100/78/100. Logging. Circ and cond mud, slugged
pipe and short tripped. Circ and cond mud to log. Made
SLM out of hole - no correction. RU Schl and started
logging. Background gas: 15-45 units. Connection gas:
250 units. FEB 15 1973
Mud: (gradient .805) 15.5 x 42 x 8.1

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,900' Wasatch Test
7" csg @ 11,649'

13,900/100/79/0. Breaking down fishing tools. Ran
DIL - tool failed. Ran Sonic - tool stuck on btm.
Pulled 3900# above line wt - tool pulled off line.
(tool should have sheared off @ 5450# above line wt).
Made up 4-3/4" overshot w/3-3/8" grapple and went in
hole. Circ @ shoe. Circ and cond mud 2-3/4 hrs.
Mud cutting from 15.5 to 13.5 off btm. Latched onto
fish, worked free and chained out of hole.
Mud: (gradient .805) 15.5 x 42 x 8.1 FEB 16 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,900' Wasatch Test
7" csg @ 11,649'

2/17: 13,900/100/80/0. Making up BHA. Tripped in and
washed and reamed 40' to btm. Circ and cond mud. RU
Schl and ran DIL from 13,856-11,652. Ran CNL-FDC-GR
from 13,856-11,652 - no good.

Mud: (gradient .805) 15.5 x 42 x 8.1

2/18: 13,919/100/81/0. Logging. Tripped in hole to
12,140. Reamed at 12,160, 12,360, 12,410, 12,870,
12,920, 13,520, 13,700 and 13,900. Circ and cond mud,
sptd 40 sk walnut slug in OH and chained out. RU Schl
and started logging. Sonic log hung up @ 12,580 - pulled
loose. Made 19' SLC: 13,900 = 13,919. Trip gas: 1500
units w/mud cutting from 15.5 to 14.3 ppg.

Mud: (gradient .805) 15.5 x 44 x 6.0 FEB 19 1973

2/19: 13,919/100/82/0. Circ @ 13,919. Pulled Sonic -
tool stopped working @ 12,580. Ran Sonic-Gr from
12,565-11,653 and CBL-VDL-CCL-GR from 11,643-9800.
Ran to csg shoe and circ btms up.

Mud: 15.5 x 46 x 7.4

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/83/0. Bumping plug w/2900 psi. Circ and cond mud 4½ hrs for liner. Made SLM out of hole - no correction. Ran 35 jts 5", 18#, S00-95, SFJ liner (1373.78') and 26 jts 5", 18# N-80, SFJ (1104.35') using 19 B&W centralizers and Hal diff float eqmt. Burns liner hanger @ 13,911, top of liner @ 11,421 and float @ 13,790. Cmtd w/411 cu ft Class "G" w/ 1% D-31 and 0.1% R-5 (slurry wt 16.0 ppg). FEB 20 1973
Mud: 15.5 x 46 x 7.4

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/84/0. Cleaning cmt out of 7". Pulled liner setting tool (21 stds). Laid down hanger tool and ran in hole w/bit and scraper to 10,000'. Circ mud. Ran to 10,428 and CO cmt from 10,428-10,718. FEB 21 1973
Mud: 15.5 x 47 x 9.2

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/85/0. PB 13,911. Cleaning cmt. CO cmt in 7" csg to 11,360. FEB 22 1973
Mud: (gradient .805) 15.5 x 48 x 9.5

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/86/0. PB 13,911. CO 5" liner. DO cmt in 7" csg to 11,422. Circ btms up and tested liner lap to 1700 psi, OK. Laid down 30- 4-3/4" DC's. Picked up 2-7/8" work string and started CO 5" liner. FEB 23 1973
Mud: (gradient .805) 15.5 x 48 x 9.5

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

2/24: 13,919/100/87/0. PB 13,820. Testing 7" csg. Drld cmt and float. Tested liner to 1700 psi, OK. Ran to 11,350 and tested lines to 5000 psi. Displaced 3½" DP w/wtr to 10,000' (66 bbls). Inflow tested for 30 min, OK. Reversed out wtr. Pulled to 8300' and tested csg to 2400 psi, OK. Pulled to 4600' and tested csg to 3800 psi, OK. FEB 26 1973
Mud: 15.5 x 47 x 9.5

2/25: 13,919/100/88/0. PB 13,820. Nippling down BOP's. Pulled to 1000' and tested csg to 5000 psi, OK. Laid down sqz tool and DP.

2/26: TD 13,919. PB 13,820. RDRT. Installed 5½" AP FBB hanger and BPV in 10" 5000 x 10" 5000 psi AP spool. Released rig @ 12 noon, 2/25/73. (RDUFA)

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner at 13,911'

TD 13,919. PB 13,820. Preparing to pick up tbg.
(RRD 2-26-73) On 3/11, MI & RU Western Oilwell MAR 12 1973
Service. Installed and tested BOP's to 5,000 psi.

Shell-Amerada Hess-
Ute 1-35A3

(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Picking up tbg. Picked up 4-1/8"
bit, 2421' of 2-7/8" tbg work string, 7" scraper and
started picking up new tbg, pulling collars and redoping
same. MAR 13 1973

Shell-Amerada Hess-
Ute 1-35A3

(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Pulling tbg. Finished picking
up tbg. Ran to PBD. Displaced mud w/FW until returns
were clear. SI well and checked for flowback. Press
tested to 5000 psi, OK. Sptd 44 bbls wtr w/2% NaCl on
btm and started pulling tbg. MAR 14 1973

Shell-Amerada Hess-
Ute 1-35A3

(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Running heat string. Pulled and
laid down 2421' of 2-7/8" work string, bit and scraper.
RU Schl and ran CNL, CBL, VDL and PDC logs from 13,961-
11,000. Logged CBL under 3000 psi press. Bonding poor
to fair. Set Baker 7" Model "D" pkr w/flapper - top @
11,396. MAR 15 1973

Shell-Amerada Hess-
Ute 1-35A3

(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Prep to circ trtd wtr. Ran 5 1/2",
14# K-55 heat string w/Type I special turn-down cplgs
(36 jts) w/tail @ 1548. Installed BPV, removed BOP, MAR 16 1973
installed 6" 5000 x 10" 5000 tbg spool. Installed BOP
and tested to 5000 psi. Picked up and ran prod eqmt.

Shell-Amerada Hess-
Ute 1-35A3

(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820.
3/17: SI, MOCR. Finished running prod eqmt. Spaced
out, displaced csg w/trtd FW and sptd 2% salt wtr in
tbg. All wtr heated to 100°. Landed tbg w/4000# set-
down wt. Press tested tbg for 1 hr to 7500 psi - lost
50 psi. Installed BPV, removed BOP, installed 10,000#
Xmas tree, removed BPV, tested tree to 10,500 psi, OK.
RD Western Oilwell Service. Released rig @ 1 PM, 3/16.
MAR 19 1973

(Continued)

(Continued)

Prod eqmt as follows: Baker Model "C" expendable plug holder w/Baker Model "D" pushout plug @ 11,430, 30' 2-7/8" NU 10rd nonperf'd prod tube, Baker tbg seal assembly w/two seals, Baker anchor seal assembly w/two seals, Baker Model "EL" on-off connector w/Otis 2.313" "N" nipple w/2.255" no-go w/top @ 11,390, 2-7/8" EUE 8rd N-80 tbg sub w/centralizer - top @ 11,384, 3 jts tbg, Camco KBMG mandrel w/dummy in place #HN-7 w/top @ 11,284, 185 jts tbg, Camco KBMG mandrel w/dummy in place #HN-1 w/top @ 5510, 174 jts tbg, 3' sub, three 8' subs, 1 jt tbg. All tbg and subs 2-7/8" EUE 8rd N-80. (Total of 363 jts tbg, 6', 3' and three 8' subs, and 2 Camco mandrels w/dummies in place.)

3/18: SI. RU Archer Reed and knocked out Baker Model "D" pushout plug, chased to PBSD. RD Archer Reed.

3/19: SI. MAR 19 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. MAR 20 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Prep to-perf. MI&RU Schl to perf. MAR 21 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Perforating. Perf'd 1 hole at each of following depths w/unidirectional magnetic decentralized steel tube gun w/Schl Hyperjet charges. All depths refer to cased hole CNL dated 3/14/73.
Run #1: 11,670, 11,684, 11,785, 11,840, 11,856, 11,906, 11,937, 11,981, 12,115, 12,148, 12,177, 12,206, 12,268, 12,274, 12,282, 12,325, 12,345, 12,351. Press from 1120 to 3110 psi. Run #2: 12,396, 12,425, 12,434. Gun malfunctioned. Press from 3460 to 3450 psi. Run #3: 12,456, 12,464, 12,512, 12,531, 12,649, 12,658, 12,677, 12,690, 12,711, 12,725, 12,735, 12,786, 12,835, 12,905, 12,912, 12,931, 12,941, 12,947. Press 2750 psi. MAR 22 1973

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3
 Job: 13 3/8 " O.D. Casing/~~4 1/2~~ Ran to 310 feet (KB) on 11-30, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
8	68#	K-55	8rd ST&C		313	CHF	310

8 jts Total

Casing Hardware:

Float shoe and collar type _____
 Centralizer type and product number _____
 Centralizers installed on the following joints _____
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush—Water _____ bbls, other _____ Volume _____ bbls
 First stage, type and additives 100 sx BJ lite, 2% CaCl₂ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives 175 sx Class "G", 2% CaCl₂ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate _____
 Percent returns during job _____
 Bumped plug at 1 AM/RM with 500 psi. Bled back _____ bbls. Hung csg
 with _____ lbs on slips.

Remarks:

Drilling Foreman _____
 Date _____

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3
Job: 9 5/8 " O.D. Casing/~~Line~~ Ran to 6757 feet (KB) on 12-24, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
<u>165</u>	<u>40#</u>	<u>K-55</u>	<u>ST&C</u>			<u>CHF</u>	<u>6757</u>

165 jts Total

Casing Hardware:

Float shoe and collar type Hal shoe at 6757, float at 6632
Centralizer type and product number _____
Centralizers installed on the following joints _____
Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush-Water _____ bbls, other _____ Volume _____ bbls
First stage, type and additives 625 CF BJ litewt, .1% R-5 . Weight _____ lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
Second stage, type and additives 235 CF Class "G" . Weight _____ lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
Displacement rate _____
Percent returns during job _____

Did Not Bump Plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
with _____ lbs on slips. CIP 8 AM.

Remarks:

Drilling Foreman _____
Date _____

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3

Job: 7 " O.D. Casing/liner Ran to 11,649 feet (KB) on 1-20, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From	To	
						KB	CHF	31.80
							CHF	
		Diff Fill						
		Shoe	S-95	8rd	X 2.41	11,649.00	11,646.59	
3	29#	S-95	8rd ST&C	X	132.30	11,646.59	11,514.29	
		Diff Fill						
		Float Collar		8rd	X 1.81	11,514.29	11,512.48	
29	29#	S-95	8rd ST&C	X	1,267.04	11,512.48	10,245.44	
243	26#	CF-95	8rd LT&C	X	10,213.64	10,245.44	31.80	
						31.80	-0-	

275 jts Total

Casing Hardware:

Float shoe and collar type Hal Diff Fill S-95
 Centralizer type and product number Halliburton
 Centralizers installed on the following joints 12' above shoe, each collar thereafter, total of six centralizers
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush-Water 2 bbls, other _____ Volume _____ bbls
 First stage, type and additives 100 sx BJ litewt w/.5% D-31 and 117 sx Neat, 1% D-31, .1% R-5
 _____ . Weight 15.6 lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability 4 hours at _____ °F.
 Second stage, type and additives _____
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~Rotate~~/reciprocate Reciprocated
 Displacement rate 6 bbls
 Percent returns during job None
 Bumped plug at 4 AM/PM with 2000 psi. Bled back 1 1/2 bbls. Hung csg with _____ lbs on slips.

Remarks:

Lost 7 hrs due to Hal float equip no working by circ and etc. Cement job went well, no returns.

Drilling Foreman C. R. Killen
 Date 1-21-73

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3
Job: 5 " O.D. Casing/Liner. Ran to 13,911 feet (KB) on 2-20, 1973

Jts.	Wt.	Grade	Thread SFJ-P	New	Feet	From KB	To CHF
		Hal Shoe P-110	X		1.72	13,911.00	13,909.28
3	18#	S00-95	X		116.89	13,909.28	13,792.39
		Hal Diff FC P-110	X		2.25	13,792.39	13,790.14
32	18#	S00-95	X		1,256.89	13,790.14	12,533.25
26	18#	N-80	X		1,104.35	12,533.25	11,428.90
	18#	Burns liner Hgr	X		7.55	11,428.90	11,421.35
61 jts Total							

Casing Hardware:

Float shoe and collar type Hal Float and Shoe P-110 SFJ-P Diff Fill
Centralizer type and product number B & W 12,500, 19 centralizers
Centralizers installed on the following joints 6' above shoe, jt #2, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35, 38, 41, 49, 57, 60
Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ . Caliper volume 411 ft³ + excess over caliper
_____ ft³ + float collar to shoe volume _____ ft³ + liner lap _____ ft³
+ cement above liner 251 ft³ = _____ ft³ (Total Volume).

Cement:

Preflush-Water _____ bbls, other _____ Volume _____ bbls
First stage, type and additives 411 CF Class "G", 1% D-31 and .1% R-5
_____ . Weight 16.0 lbs/gal, yield 1.4
ft³/sk, volume 361 sx. Pumpability 4 hours at 230 °F.
Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____
ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate No
Displacement rate 3 B/M
Percent returns during job 100%
Bumped plug at 6 AM/~~PM~~ with 2900 psi. Bled back 1 1/2 bbls. Hung csg with 34,250 lbs on slips. (liner wt)

Remarks:

Liner went to btm. Circ btms up. Full returns throughout duration of job.
Temp - 3° below zero. No backflow after pulling stinger out of liner.

Drilling Foreman C. R. Killen
Date 2-20-73

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Prep to flow to pit. Finished perf'g as follows: Run #4: 13,794, 13,773, 12,976, 12,989, 13,028, 13,094, 13,173, 13,270, 13,329, 13,403, 13,571, 13,581, 13,627, 13,692. Press from 3200 to 4400 psi. MI&RU B-J and AT perf'd interval 11,670-13,794. Pmpd 30,000 gal 15% HCl w/each 1000 gal containing 20# G-5, 3 gal C-15, 10 gal J-7, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Unibead Buttons. Evenly distributed fifty-six 7/8" RCN ball sealers w/1.24 sp gr throughout acid. Flushed w/4700 gal FW w/165# NaCl and 20# G-5/1000 gal. Max press 10,000 psi, avg 8000 psi, min 6200 psi. Max rate 8 B/M, avg 6 B/M, min 2 B/M. ISIP 6000 psi to 5600 psi in 5 min, to 4900 psi in 10 min, to 4700 psi in 15 min, to 4500 psi in 20 min. Breaks from 100 to 500 psi. Balled out w/633 bbls acid on fm and 45 balls in top perfs (total of 53 perfs shot). Solid press of 9600 psi for 6 min. Bled to 2 min or 10 bbls. Let set 10 min. Dropped balls and pmpd remaining acid.

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. SI, WO tank facilities. Flowed to pit on 64/64" chk for 4½ hrs, flwg est 1290 BO and 310 BW (GOR 2200) w/press from 1125-1275 psi. On last hr, flowed 320 BO and 20 BW (GOR 2200) on 64/64" chk w/1275 psi. Chokes and press's as follows:

<u>Choke</u>	<u>Press</u>	<u>Choke</u>	<u>Press</u>
54/64"	1400 psi	14/64"	4400 psi
44/64"	1800 psi	4/64"	4900 psi
34/64"	2500 psi	ISIP	4050 psi
24/64"	3450 psi		

SI @ 2 PM w/5000 psi. RU Cable and ran 11,000 psi tandem bombs w/72-hr clocks. Press after bomb in hole @ 3:45 PM - 5150 psi. (RDUFA)

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. (RRD 3/26/73) SI, WO fac. Pulled BHP bomb making gradient stops @ 12,900 and 12,500. Press 1 hr and 40 min after SI - 8464 psi. Press 59½ hrs after bomb on btm - 8327 psi; after 69½ hrs - 8313 psi. TP 5005 prior to pulling bombs. (RDUFA)

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. (RRD 3/27/73). Flowing. On 16-hr test 10/7/73, flwd 482 BO, 122 BW and 312 MCF gas on 10/64" chk w/4450 psi FTP and zero CP. (First production)

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
768 BO, no wtr and 1212 MCF gas on 12/64" chk w/4300
psi FTP and zero CP. OCT 9 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
835 BO, 60 BW and 1483 MCF gas on 14/64" chk w/4300
psi FTP and zero CP. OCT 10 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test,
flwd 1092 BO, 18 BW and 1480 MCF gas on 14/64" chk
w/3900 psi FTP and zero CP. OCT 11 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
1020 BO, 8 BW and 1431 MCF gas on 14/64" chk w/3700
psi FTP and zero CP. OCT 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests, flwd
as follows:

<u>Test Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
10/13	1028	6	1446	14/64	3600	0
10/14	1003	9	1395	14/64	3600	0
10/15	966	8	1360	14/64	3500	0

OCT 15 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. On 4-hr test, flwd 82 BO,
1 BW and 360 MCF gas on 14/64" chk w/3500 psi FTP and
zero CP. OCT 16 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. OCT 17 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. OCT 18 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 12-hr test, flwd
320 BO, no wtr and 289 MCF gas on 10/64" chk w/4200
psi FTP and zero CP. OCT 19 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests, flwd
as follows: OCT 22 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
10/20	484	0	776	12/64"	4200	0
10/21	838	1	1018	12/64"	3800	0
10/22	787	0	1048	12/64"	3600	0

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
746 BO, 1 BW and 1035 MCF gas on 12/64" chk w/3500
psi FTP and zero CP. OCT 23 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
619 BO, no wtr and 873 MCF gas on 12/64" chk w/3500
psi FTP and zero CP. OCT 24 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
662 BO, 1 BW and 953 MCF gas on 12/64" chk w/3500 psi
FTP and zero CP. OCT 25 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner at 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test,
well flowed 701 BO, 0 BW, and 968 MCF on 12/64"
chk w/3500 FTP and 0 CP. OCT 26 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests,
flwd as follows:

OCT 29 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
10/27	712	0	968	12/64"	3400	0
10/28	727	0	995	12/64"	3400	0
10/29	779	0	1026	12/64"	3300	0

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
720 BO, no wtr and 995 MCF gas on 12/64" chk w/3000
psi FTP and zero CP. OCT 30 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
674 BO, 8 BW and 964 MCF gas on 12/64" chk w/3000 psi
FTP and zero CP. OCT 31 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
948 BO, 4 BW and 976 MCF gas on 12/64" chk w/3300 psi
FTP and zero CP.

NOV 1 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
722 BO, no wtr and 976 MCF gas on 12/64" chk w/3100
psi FTP and zero CP.

NOV 2 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests, flwd
as follows: NOV 5 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
11/3	775	1	1005	12/64"	3100	0
11/4	994	11	1260	14/64"	3000	0
11/5	715	0	980	12/64"	3000	0

Shell-Amerada Hess-
Ute 1-35A3

(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. OIL WELL COMPLETE.
Potentialled well w/24-hr test of 11/3/73, flwg 994 BO,
11 BW and 1260 MCF gas (GOR 1268) on 12/64" chk w/3000
psi FTP and zero CP from Wasatch and Flagstaff perfs.

11,670, 11,684, 11,785, 11,840, 11,856, 11,906, 11,937,
11,981, 12,115, 12,148, 12,177, 12,206, 12,268, 12,274,
12,282, 12,325, 12,345, 12,351, 12,396, 12,425, 12,434,
12,456, 12,464, 12,512, 12,531, 12,649, 12,658, 12,677,
12,690, 12,711, 12,725, 12,735, 12,786, 12,835, 12,905,
12,912, 12,931, 12,941, 12,947, 12,976, 12,989, 13,028,
13,094, 13,173, 13,270, 13,329, 13,403, 13,571, 13,581,
13,627, 13,692, 13,773, 13,794.

Oil Gravity: 44.2° @ 60°F.

Compl Test Date: 11/3/73. Initial Prod Date: 10/7/73.

Elev: 6101 GL, 6132 KB.

Log Tops: TGR₃ 9,860 (-3728)
UPPER WASATCH TRANSITION 11,300 (-5168)
FLAGSTAFF 12,540 (-6408)

This well was drilled for routine development.

FINAL REPORT. NOV 6 1973

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

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

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 2270' FSL and 2554' FEL Sec 35

At top prod. interval reported below

At total depth

State _____
14. PERMIT NO. 43-013-30181 DATE ISSUED 11-20-72

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-1804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-35A3

10. FIELD AND POOL, OR WILDCAT

Altamont

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

NW/4 SE/4 Section 35-
T 1S-R 3W

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 11-29-72 16. DATE T.D. REACHED 2-17-73 17. DATE COMPL. (Ready to prod.) 10-7-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6101 GL, 6132 KB 19. ELEV. CASINGHEAD 31'

20. TOTAL DEPTH, MD & TVD 13,919 21. PLUG, BACK T.D., MD & TVD 13,820 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Wasatch and Flagstaff perms 11,670-13,794 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHCS-GR, DIL, FDC-CNL/GR, CBL, VDL, & CCL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68#	310'	17 1/2"	275 SX	0
9 5/8"	40#	6,757'	12 1/4"	860 SX	0
7"	26 & 29#	11,649'	8 3/4"	217 SX	0

29. LINER RECORD CF 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACK CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,421	13,911	411				

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10-7-73	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-3-73	24	12/64"	→	994	1260	11	1268

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
3000	0	→	994	1260	11	44.2°

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

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

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

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

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

2 cc's: Oil and Gas Conservation Commission - Salt Lake City w/attachments

OIL WELL

SHELL-AMERADA HESS-

FROM: 11-30-72 - 11-6-73

ALTAMONTLEASEUTEWELL NO.

1-35A3

DIVISION

ROCKY MOUNTAIN

ELEV

6132 KB

COUNTY

DUCHESNE

STATE

UTAH

UTAHALTAMONT

Shell-Amerada Hess-

Ute 1-35A3

(D) Parker #118

15,000' Wasatch Test

"FR" 70/100/1/70. Drilling.

Located 2270' FSL and 2554' FEL (NW/4, SE/4),

Section 35-T1S-R3W, Duchesne County, Utah.

Elev: 6101 GL (ungraded)

15,000' Wasatch Test

Shell Working Interest: 100% (Amerada carried 50%)

Drilling Contractor: Parker Drilling

This is a routine Wasatch development well.

Spudded well 9:30 PM, 11/29/72.

NOV 30 1972

Mud: Wtr

Shell-Amerada Hess-

Ute 1-35A3

(D) Parker #118

13 3/8" csg at 310'

310/100/2/240 WOC. Reamed 20'. BHA stuck; working

kelly out of hole. Dev: 3/4° at 150, 1° at 300.

Ran and cem 8 jts (313') 68# K-55 8rd Rg-3 ST&C

13 3/8" csg at 310' w/100 sx BJ lite, 2% CaCl₂ and175 sx Class "G" cem, 2% CaCl₂. Bumped plug w/500

psi 1 AM 12-1-72. Circ approx 50 sx cement.

Mud: (.447) 8.6 x 40 DEC 1 1972

Shell-Amerada Hess-

Ute 1-35A3

(D) Parker #118

15,000' Wasatch Test

13-3/8" csg @ 310'

12/2: 310/100/3/0. Drilling cmt. Welded on WF head.

Nippled up BOP stack. Tripped in w/BHA and drld plug

@ 269'.

Mud: Wtr

12/3: 1420/100/4/1110. Drilling. Dev: 1-1/4° @ 800',

1-1/2° @ 1196, 1-3/4° @ 1360'. Tripped for new bit @

1360'.

Mud: Wtr

12/4: 2235/100/5/815. Drilling. Dev: 2° @ 1860,

1-1/2° @ 2175'. DEC 4 1972

Mud: Wtr

Shell-Amerada Hess-

Ute 1-35A3

(D) Parker #118

15,000' Wasatch Test

13-3/8" csg @ 310'

3054/100/6/819. Tripping for new bit.

Mud: Wtr DEC 5 1972

Shell-Amerada Hess-

Ute 1-35A3

(D) Parker #118

15,000' Wasatch Test

13-3/8" csg @ 310'

3414/100/7/360. Thawing out air lines. Dev: 1 1/2° @

3054. Changed out btm reamer - replaced w/stab.

Mud: Wtr DEC 6 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

3644/100/8/230. Washing 200' of fill to btm. Dev: 1 1/2°
@ 3644. Tripped for new bit @ 3644. Started reaming
and washing to btm - 200' of fill. DEC 7 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13 3/8" csg at 310'

4025/100/9/381 Drilling. DEC 8 1972
Mud: (.433) Water

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

12/9: 4445/100/10/420. Drilling.
Mud: Wtr
12/10: 4834/100/11/389. Drilling. DEC 11 1972
Mud: Wtr
12/11: 5197/100/12/363. Drilling.
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5294/100/13/97. Drilling. Dev: 2° @ 5234'. Tripped
for new bit @ 5262, washing and reaming 372' of fill
to btm. DEC 12 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5652/100/14/358. Drilling.
Mud: Wtr DEC 13 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5903/100/15/251. Attempting to back off DP @ 5452.
Pipe stuck @ 5850 while making connection; lost
returns. Installed oil jars under kelly and jarred
on stuck pipe. RU Dia-log and ran freepoint and back-off
shot - pipe free @ top DC. Attempted back off 3 jts above
free pipe @ 5452 - unable to back off. DEC 14 1972
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13 3/8" csg at 310'

5903/100/16/0 Displacing hole w/gel mud. Backed off
DP at 5520' leaving 1 jt on top of DC's. Circ while
waiting on gel mud and fishing tools. Pulled DP. SLM
out. Picked up 1 jt DP.w/7 3/4" DOT jars, 3 9" DC's,
6 - 7" and 15 jts DP. Ran in hole to approx 5,000'.
Mud: (.433) Wtr DEC 15 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

12/16: 5903/100/17/0. Circ and cond mud. Top of fish @ 5520. Attempted to displace hole w/gelled mud - fishing string plugged w/drill cuttings. CO 90' to btm, tripped to 4500' breaking circ every std to top of fish. Circ and cond mud and hole, circ out cuttings.
Mud: (gradient .442) 8.5 x 32-36 x 20

12/17: 5903/100/18/0. Washing over fish @ 5525. Attempted to screw into fish - too much fillup on top of fish. Pulled jarring assembly, picked up 8 jts (230') of 10-3/4" 51# Hydril wash pipe and went in hole, finding fillup @ 5210. Washed 310' to top of fish which cond mud. Got over top of fish w/o trouble.

Mud: (gradient .468) 9.0 x 48 x 9.0

12/18: 5903/100/19/0. Pulling out of hole w/fish. Washed over fish from 5520-5740. Circ and cond mud. Pulled wash pipe and tripped in w/jarring assembly. Screwed into fish and jarred out 5 jts DP. Started tripping out w/fish.

Mud: (gradient .468) 9.0 x 47 x 8.0 DEC 18 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

5928/100/20/25. Drilling. Finished pulling fish and unplugged same. Made up BHA and went in hole, reaming and washing from 5202-5903. DEC 19 1972
Mud: 8.9 x 37 x 8

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

6140/100/21/212. Drilling. DEC 20 1972
Mud: 8.9 x 34

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

6292/100/22/152. Drilling.
Mud: 9.0 x 33 DEC 21 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
13-3/8" csg @ 310'

6396/100/23/104. Drilling. Circ btms up, tripped for new bit @ 6336, ran in hole w/BHA and washed 140' to btm.
Mud: 9.2 x 32 x 8.9 DEC 22 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

12/23: 6598/100/24/202. Drilling.

Mud: 9.1 x 31 x 11.4.

12/24: 6800/100/25/202. Short tripping. Circ and worked pipe prior to short tripping.

Mud: 9.1 x 51 x 11.3

12/25: 6800/100/26/0. Cmtg 9-5/8" csg. Finished short tripping, circ and sptd 80-bbl gel pill. Made SLM out of hole and laid down twelve 9" DC's, 3 stabs, shock sub and subs. Ran 165 jts K-55, 40# ST&C 9-5/8" csg w/pipe stopping @ 6740. Washed to 6757. Hal shoe @ 6757 and float @ 6632'.

Mud: 9.1

12/26: 6800/100/27/0. Nippling up 9-5/8" csg. Mixed and sptd 625 cu ft B-J lightwt w/0.1% R-5, followed by 235 cu ft Class "G". CIP @ 8 AM, 12/25/72. Did not bump plug. Five bbls over displacement. WOC, nipped down and started nipping up 9-5/8" csg DEC 26 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

6800/100/28/0. Installing kelly spinner and nipping up. Finished nipping up 9-5/8" csg. Mixed and pmpd 300 sx Class "G" cmt w/3% CaCl₂ between 9-5/8" x 13-3/8" annulus w/max of 150 psi press. Tested BOP's and lines to 5000 psi using Yellow Jacket. DEC 27 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

6874/100/29/74. Drilling. Picked up and ran 7" DC and HW DP, hitting cmt @ 6597. Drld cmt float. Tested csg to 2000 psi. DEC 28 1972

Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

7110/100/30/236. Drilling. Dev: 3-1/4" @ 6906 and 3-3/4" @ 7000'. Changed bit @ 7000', washing to btm.

Mud: wtr DEC 30 1972

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

12/30: 7511/100/31/411. Drilling.

12/31: 7893/100/32/382. Drilling.

1/1: 8256/100/33/363. Drilling.

1/2: 8473/100/34/217. Drilling. Tripped for new bit @ 8308.

Mud: Wtr JAN 2 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

8885/100/35/412. Drilling. JAN 3 1973
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

9221/100/36/336. Tripping in w/jk sub. Dev: 3° @
9221. While tripping out, left 8 inserts and bearings
out of cone in hole. JAN 4 1973
Mud: Wtr

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

9610/100/37/389. Drilling. Finished trip in w/jk
sub, washed and reamed 30' and picked up jk in basket.
Mud: Wtr JAN 5 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

1/6: 10,086/100/38/476. Drilling.
Mud: Wtr
1/7: 10,191/100/39/105. Drilling. Mudded up @ 10,175.
Circ and worked pipe. Tripped for new bit @ 10,176.
Washed and reamed from 9911-10,176.
Mud: (gradient .452) 8.8 x 34 x 5.0 (2% oil)
1/8: 10,458/100/40/267. Driling. Hole sloughing.
Raised mud wt to 9.1. Connection gas: 50-200 units.
Mud: (gradient .460) 9.1 x 37 x 4.0 (3% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

10,683/100/41/225. Drilling. Background gas: 175-250
units. Connection gas: 350 units.
Mud: (gradient .485) 9.3 x 39 x 5.0 (2% oil) JAN 9 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

10,795/100/42/112. Drilling. Dev: 3° @ 10,700.
Washed 7' of fill to btm. Background gas: 50-175 units.
Trip gas: 1200 units. Mud cutting from 9.3 to 8.6 ppg.
Mud: (gradient .500) 9.6 x 40 x 5.2 (3% oil) JAN 10 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,044/100/43/249. Drilling. Background gas: 50-215
units. Connection gas: 450 units.
Mud: 10.1 x 39 x 5.8 JAN 11 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,253/100/44/209. Drilling. Lost 110 bbls mud. Back-
ground gas: 215 units. Max gas: 375 units. Connection
gas: 500 units, w/mud cutting from 11.1 to 10.9 ppg.
Mud: (gradient .559) 11.2 x 40 x 6.0 (2% oil) JAN 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

1/13: 11,290/100/45/37. Tripping in w/new bit.
Dev: 3° @ 11,280. Circ btms up and checked for
flow. Lost 475 bbls mud last 24 hrs. Background
gas: 275-500 units. Connection gas: 50-200 units.
Mud: 11.6 x 42 x 5.2 (4% LCM) (2% oil)
1/14: 11,368/100/46/78. Drilling. Washed and
reamed to btm. Lost 20 bbls mud last 24 hrs. Back-
ground gas: 150-200 units. Connection gas: 250-300
units.
Mud: 11.8 x 43 x 5.6 (5% LCM) (2% oil)
1/15: 11,443/100/47/75. Drilling. Reduced pump
rate due to lost circ. Background gas: 50-225 units.
Connection gas: 600 units. Lost 285 bbls mud past
24 hrs. JAN 15 1973
Mud: (gradient .625) 12 x 47 x 7.2 (5% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,496/100/48/53. Drilling. Tripped for new bit @
11,449. Broke circ @ 7500' and circ btms up. Reamed
15' to btm. Lost 50 bbls mud. Background gas: 65-175
units. Trip gas: 1250 units, w/mud cutting to 11.2 ppg.
Connection gas: 250 units. JAN 16 1973
Mud: (gradient .640) 12.3 x 40 x 7.0 (5% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,597/100/49/101. Drilling. Background gas: 60-100
units. Connection gas: 175 units. Lost 150 bbls mud.
Mud: (gradient .645) 12.4 x 41 x 7.2 (6% LCM) (2% oil)
JAN 17 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,650/100/50/53. Logging. Circ and cond mud 3½ hrs.
RU Schl and attempted to run DIL - tool failed. Back-
ground gas: 50-100 units. Connection gas: 600 units.
Lost 30 bbls mud last 24 hrs. JAN 18 1973
Mud: (gradient .650) 12.5 x 43 x 7.2 (6% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
9-5/8" csg @ 6757'

11,650/100/51/0. Staging in hole. Had two misruns
while attempting to log. Down 8 hrs due to Schl tool
problems. Ran in hole, breaking circ @ 6757. Ran
logs as follows: DIL and FDC-CNL-GR from 11,660-6757
and BHCS-GR w/cal from 11,660-300. JAN 19 1973
Mud: (gradient .650) 12.5 x 43 x 7.2 (6% LCM) (2% oil)

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

1/20: 11,650/100/52/0. Running 7" csg. Staged in hole and broke circ @ 10,000'. Circ out 1100 units gas @ 10,883 w/mud cutting from 12.5 to 11.0 ppg. Ran to btm and circ and cond mud. Mud cutting to 11.7 ppg w/900 units gas. Pulled wear bushing and RU to run 7" csg. Lost 50 bbls mud last 24 hrs. Hole made some oil while circ.

Mud: (gradient .650) 12.5 x 45 x 8.2 (5% LCM) (4% oil)

1/21: 11,650/100/53/0. Nippling up and WOC. Float eqmt not working while running csg. Filled csg every 10 jts. Circ @ 3000'. Csg started flowing @ 6000'. Dropped ball and circ w/o returns w/no indication of when ball went through float or shoe. SD pump w/flow-back through csg. Pmpd in 13.3 ppg slug - cont'd flowing back. Flowed until dead and finished running csg. Ran 32 jts 7" 29# S-95 ST&C (1399.34') and 244 jts 7" 26# CF-95 LT&C (10,255.80') w/shoe @ 11,649 and float @ 11,512. Cmtd w/100 sx B-J lightwt w/0.5% D-31 and 117 sx Neat w/1% D-31 and 0.1% R-5. Had no returns. Bumped plug @ 4 AM w/2000 psi, float held OK. Lost 700 bbls mud last 24 hrs.

JAN 22 1973

Mud: 12.5 x 45 x 8.2 (5% LCM) (4% oil)

1/22: 11,650/100/54/0. Installing Hydril rubber. WOC, cut off 7" csg and installed AP spool. Tested to 3000 psi, OK. Nippled up BOP's and Yellow Jacket tested - Hydril would not hold.

Mud: 12.5

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,650/100/55/0. Picking up 3½" DP. Installed Hydril rubber and tested to 3500 psi. Installed wear ring and laid down 7" DC.

JAN 23 1973

Mud: 12.5

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,664/100/56/14. Drilling. Finished picking up 3½" DP. DO float, cmt and shoe. Tested csg to 2000 psi. Background gas: 15-50 units. Trip gas under shoe: 300 units.

JAN 24 1973

Mud: (gradient .650) 12.5 x 53 x 8.0

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,707/100/57/43. Making up magnet and jk sub. Circ and mixed slug. Pulled out of hole, leaving approx 2/3 of one cone in hole. Background gas: 8 units. Downtime gas: 275 units.

JAN 25 1973

Mud: (gradient .657) 12.7 x 44 x 7.8

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,712/100/58/5. Circ for trip. Ran in hole w/magnet and circ btms up. Worked magnet on btm, rec'g jk. Chained out of hole. Ran in w/BHA and reamed 57' to btm. Circ and cleaned btm 30 min. No mud loss. Background gas: 0-20 units. Connection gas: 75 units. Trip gas: 250 units w/mud cutting to 12.3 ppg. JAN 26 1973
Mud: (gradient .658) 12.8 x 44 x 8.0

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

1/27: 11,725/100/59/13. Drilling. Rec'd some jk in jk sub, CO same. Tripped in hole and circ clean to btm, washing last 75' of hole. Tripped for bit @ 11,725.

Mud: 13.1 x 40 x 8.4

1/28: 11,828/100/60/103. Drilling. Circ and CO to btm.

Mud: 13.5 x 45 x 8.2

1/29: 11,906/100/61/78. Drilling. Lost 15 bbls mud last 24 hrs. Background gas: 5-40 units. Connection gas: 40 units.

Mud: 13.9 x 51 x 8.0 JAN 29 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

11,976/100/62/70. Drilling. Background gas: 0-30 units. Mud: (gradient .725) 14.0 x 49 x 7.8 (2% oil) JAN 30 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

12,041/100/63/65. Drilling. Made short trip. Lost 10 bbls mud. Background gas: 5-25 units. Connection gas: 25 units.

Mud: (gradient .740) 14.3 x 45 x 7.0 JAN 31 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

12,136/100/64/85. Drilling. Drl'd 2 hrs, pmp'd slug and pulled into csg w/no drag. Tripped out and laid down jk basket. Ran in w/new bit, breaking circ @ shoe. Washed 43' to btm. Background gas: 5-10 units. Connection gas: 5-10 units.

Mud: (gradient .750) 14.4 x 45 x 7.5 (2% oil) FEB 1 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

12,293/100/65/157. Drilling. FEB 2 1973
Mud: 14.8 x 45

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" csg @ 11,649'

2/3: 12,401/100/66/108. Drilling.
Mud: (gradient .780) 15.0 x 45 x 7.8
2/4: 12,506/100/67/105. Drilling. Checked for flow -
had 50% flow incr w/600 unit gas show @ 12,435. Built
mud wt in suction pit to 15.3 ppg. Lost 175 bbls mud.
Background gas: 5 units. Connection gas: 350-250 units.
Mud: (gradient .800) 15.4 x 47 x 7.9
2/5: 12,634/100/68/128. Drilling. No mud loss.
Background gas: 5-25 units. Connection gas: 200-750 units.
Mud: (gradient .805) 15.5 x 45 x 7.5 FEB 5 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

12,644/100/69/10. Reaming tight hole. Tripped for
bit w/hole being tight from 11,830-12,008. Tested
BOP's. Ran BHA to shoe, broke circ. Reamed from
11,837 to 12,008.
Mud: (gradient .805) 15.5 x 47 x 7.4 FEB 6 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

12,808/100/70/164. Drilling. Washed and reamed to
btm. Lost 41 bbls mud. Background gas: 2-20 units.
Trip gas: 1000 units w/mud cutting from 15.5 to 14.7
ppg.
Mud: (gradient .805) 15.5 x 7.6 WL FEB 7 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

12,966/100/71/158. Drilling. Lost 255 bbls mud.
Background gas: 50-30 units. Connection gas: 120
units.
Mud: (gradient .805) 15.5 x 44 x 7.0 FEB 8 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

13,104/100/72/138. Drilling. Short tripped - hole in
good cond. Cut mud wt from 15.5 to 14.4 ppg. Lost 80
bbls mud last 24 hrs. Varying wt, rotary speed and
pump press due to mud loss and torque. Short trip gas:
500 units w/mud cutting from 15.5 to 14.8 ppg. Back-
ground gas: 5-80 units. Connection gas: 110-300 units.
Mud: (gradient .800) 15.4 x 46 x 7.1 FEB 9 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

2/10: 13,257/100/73/153. Drilling. Lost 65 bbls mud.
Background gas: 25-30 units. Connection gas: 200 units.
Mud: 15.4 x 42
2/11: 13,397/100/74/140. Drilling. Lost 185 bbls mud.
Background gas: 20-75 units. Connection gas: 300 units.
Mud: (gradient .800) 15.4 x 42 x 6.8
2/12: 13,459/100/75/62. Drilling. Pulled 19 stds.
Tripped back w/no fill. Slugged pipe and pulled out of
hole for new bit. Broke circ @ 11,650, finished in
hole and reamed 60' to btm.
Mud: (gradient .800) 15.4 x 42 x 8.4 FEB 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

13,640/100/76/181. Drilling. Background gas: 10 units.
Connection gas: 150 units w/mud cutting to 15.2 ppg.
Mud: (gradient .800) 15.4 x 44 x 7.5 FEB 10 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
15,000' Wasatch Test
7" liner @ 11,649'

13,800/100/77/160. Drilling. Background gas: 40-150
units. Connection gas: 260 units w/mud cutting to 15.1
ppg. Raising mud wt to 15.5 ppg.
Mud: (gradient .800) 15.4 x 42 x 8.1 FEB 14 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,900' Wasatch Test
7" csg @ 11,649'

13,900/100/78/100. Logging. Circ and cond mud, slugged
pipe and short tripped. Circ and cond mud to log. Made
SLM out of hole - no correction. RU Schl and started
logging. Background gas: 15-45 units. Connection gas:
250 units. FEB 15 1973
Mud: (gradient .805) 15.5 x 42 x 8.1

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,900' Wasatch Test
7" csg @ 11,649'

13,900/100/79/0. Breaking down fishing tools. Ran
DIL - tool failed. Ran Sonic - tool stuck on btm.
Pulled 3900# above line wt - tool pulled off line.
(tool should have sheared off @ 5450# above line wt).
Made up 4-3/4" overshot w/3-3/8" grapple and went in
hole. Circ @ shoe. Circ and cond mud 2-3/4 hrs.
Mud cutting from 15.5 to 13.5 off btm. Latched onto
fish, worked free and chained out of hole.
Mud: (gradient .805) 15.5 x 42 x 8.1 FEB 16 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,900' Wasatch Test
7" csg @ 11,649'

2/17: 13,900/100/80/0. Making up BHA. Tripped in and
washed and reamed 40' to btm. Circ and cond mud. RU
Schl and ran DIL from 13,856-11,652. Ran CNL-FDC-GR
from 13,856-11,652 - no good.
Mud: (gradient .805) 15.5 x 42 x 8.1

2/18: 13,919/100/81/0. Logging. Tripped in hole to
12,140. Reamed at 12,160, 12,360, 12,410, 12,870,
12,920, 13,520, 13,700 and 13,900. Circ and cond mud,
sptd 40 sk walnut slug in OH and chained out. RU Schl
and started logging. Sonic log hung up @ 12,580 - pulled
loose. Made 19' SLC: 13,900 = 13,919. Trip gas: 1500
units w/mud cutting from 15.5 to 14.3 ppg.
Mud: (gradient .805) 15.5 x 44 x 6.0 FEB 19 1973

2/19: 13,919/100/82/0. Circ @ 13,919. Pulled Sonic -
tool stopped working @ 12,580. Ran Sonic-Gr from
12,565-11,653 and CBL-VDL-CCL-GR from 11,643-9800.
Ran to csg shoe and circ btms up.
Mud: 15.5 x 46 x 7.4

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/83/0. Bumping plug w/2900 psi. Circ and cond mud 4½ hrs for liner. Made SLM out of hole - no correction. Ran 35 jts 5", 18#, S00-95, SFJ liner (1373.78') and 26 jts 5", 18# N-80, SFJ (1104.35') using 19 B&W centralizers and Hal diff float eqmt. Burns liner hanger @ 13,911, top of liner @ 11,421 and float @ 13,790. Cmtd w/411 cu ft Class "G" w/ 1% D-31 and 0.1% R-5 (slurry wt 16.0 ppg). FEB 20 1973
Mud: 15.5 x 46 x 7.4

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/84/0. Cleaning cmt out of 7". Pulled liner setting tool (21 stds). Laid down hanger tool and ran in hole w/bit and scraper to 10,000'. Circ mud. Ran to 10,428 and CO cmt from 10,428-10,718. FEB 21 1973
Mud: 15.5 x 47 x 9.2

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/85/0. PB 13,911. Cleaning cmt. CO cmt in 7" csg to 11,360.
Mud: (gradient .805) 15.5 x 48 x 9.5 FEB 22 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Parker #118
13,919' Wasatch Test
5" liner @ 13,911'

13,919/100/86/0. PB 13,911. CO 5" liner. DO cmt in 7" csg to 11,422. Circ btms up and tested liner lap to 1700 psi, OK. Laid down 30- 4-3/4" DC's. Picked up 2-7/8" work string and started CO 5" liner. FEB 23 1973
Mud: (gradient .805) 15.5 x 48 x 9.5

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

2/24: 13,919/100/87/0. PB 13,820. Testing 7" csg. Drld cmt and float. Tested liner to 1700 psi, OK. Ran to 11,350 and tested lines to 5000 psi. Displaced 3½" DP w/wtr to 10,000' (66 bbls). Inflow tested for 30 min, OK. Reversed out wtr. Pulled to 8300' and tested csg to 2400 psi, OK. Pulled to 4600' and tested csg to 3800 psi, OK. FEB 26 1973
Mud: 15.5 x 47 x 9.5

2/25: 13,919/100/88/0. PB 13,820. Nippling down BOP's. Pulled to 1000' and tested csg to 5000 psi, OK. Laid down sqz tool and DP.

2/26: TD 13,919. PB 13,820. RDRT. Installed 5½" AP FBB hanger and BPV in 10" 5000 x 10" 5000 psi AP spool. Released rig @ 12 noon, 2/25/73. (RDUFA)

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner at 13,911'

TD 13,919. PB 13,820. Preparing to pick up tbg.
(RRD 2-26-73) On 3/11, MI & RU Western Oilwell
Service. Installed and tested EOP's to 5,000 psi. MAR 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Picking up tbg. Picked up 4-1/8"
bit, 2421' of 2-7/8" tbg work string, 7" scraper and
started picking up new tbg, pulling collars and redoping
same. MAR 13 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Pulling tbg. Finished picking
up tbg. Ran to PBD. Displaced mud w/FW until returns
were clear. SI well and checked for flowback. Press
tested to 5000 psi, OK. Sptd 44 bbls wtr w/2% NaCl on
btm and started pulling tbg. MAR 14 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Running heat string. Pulled and
laid down 2421' of 2-7/8" work string, bit and scraper.
RU Schl and ran CNL, CEL, VDL and PDC logs from 13,961-
11,000. Logged CBL under 3000 psi press. Bonding poor
to fair. Set Baker 7" Model "D" pkr w/flapper - top @
11,396. MAR 15 1973

Shell-Amerada Hess-
Ute 1-35A3
(D) Western Oilwell
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Prep to circ trtd wtr. Ran 5 1/2",
14# K-55 heat string w/Type I special turn-down cplgs
(36 jts) w/tail @ 1548. Installed BPV, removed BOP,
installed 6" 5000 x 10" 5000 tbg spool. Installed BOP
and tested to 5000 psi. Picked up and ran prod eqmt. MAR 16 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820.
3/17: SI, MOCR. Finished running prod eqmt. Spaced
out, displaced csg w/trtd FW and sptd 2% salt wtr in
tbg. All wtr heated to 100°. Landed tbg w/4000# set-
down wt. Press tested tbg for 1 hr to 7500 psi - lost
50 psi. Installed BPV, removed BOP, installed 10,000#
Xmas tree, removed BPV, tested tree to 10,500 psi, OK.
RD Western Oilwell Service. Released rig @ 1 PM, 3/16. MAR 19 1973

(Continued)

(Continued)

Prod eqmt as follows: Baker Model "C" expendable plug holder w/Baker Model "D" pushout plug @ 11,430, 30' 2-7/8" NU 10rd nonperf'd prod tube, Baker tbg seal assembly w/two seals, Baker anchor seal assembly w/two seals, Baker Model "EL" on-off connector w/Otis 2.313" "N" nipple w/2.255" no-go w/top @ 11,390, 2-7/8" EUE 8rd N-80 tbg sub w/centralizer - top @ 11,384, 3 jts tbg, Camco KBMG mandrel w/dummy in place #HN-7 w/top @ 11,284, 185 jts tbg, Camco KBMG mandrel w/dummy in place #HN-1 w/top @ 5510, 174 jts tbg, 3' sub, three 8' subs, 1 jt tbg. All tbg and subs 2-7/8" EUE 8rd N-80. (Total of 363 jts tbg, 6', 3' and three 8' subs, and 2 Camco mandrels w/dummies in place.)

3/18: SI. RU Archer Reed and knocked out Baker Model "D" pushout plug, chased to PBTB. RD Archer Reed.

3/19: SI. MAR 19 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. MAR 20 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Prep to-perf. MI&RU Schl to perf. MAR 21 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Perforating. Perf'd 1 hole at each of following depths w/unidirectional magnetic decentralized steel tube gun w/Schl Hyperjet charges. All depths refer to cased hole CNL dated 3/14/73.
Run #1: 11,670, 11,684, 11,785, 11,840, 11,856, 11,906, 11,937, 11,981, 12,115, 12,148, 12,177, 12,206, 12,268, 12,274, 12,282, 12,325, 12,345, 12,351. Press from 1120 to 3110 psi. Run #2: 12,396, 12,425, 12,434. Gun malfunctioned. Press from 3460 to 3450 psi. Run #3: 12,456, 12,464, 12,512, 12,531, 12,649, 12,658, 12,677, 12,690, 12,711, 12,725, 12,735, 12,786, 12,835, 12,905, 12,912, 12,931, 12,941, 12,947. Press 2750 psi. MAR 22 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. Prep to flow to pit. Finished perf'g as follows: Run #4: 13,794, 13,773, 12,976, 12,989, 13,028, 13,094, 13,173, 13,270, 13,329, 13,403, 13,571, 13,581, 13,627, 13,692. Press from 3200 to 4400 psi. MI&RU B-J and AT perf'd interval 11,670-13,794. Pmpd 30,000 gal 15% HCl w/each 1000 gal containing 20# G-5, 3 gal C-15, 10 gal J-7, 3 gal J-22, 30# OS-160 Wide Range Unibeads and 30# OS-160 Unibead Buttons. Evenly distributed fifty-six 7/8" RCN ball sealers w/1.24 sp gr throughout acid. Flushed w/4700 gal FW w/165# NaCl and 20# G-5/1000 gal. Max press 10,000 psi, avg 8000 psi, min 6200 psi. Max rate 8 B/M, avg 6 B/M, min 2 B/M. ISIP 6000 psi to 5600 psi in 5 min, to 4900 psi in 10 min, to 4700 psi in 15 min, to 4500 psi in 20 min. Breaks from 100 to 500 psi. Balled out w/633 bbls acid on fm and 45 balls in top perfs (total of 53 perfs shot). Solid press of 9600 psi for 6 min. Bled to 2 min or 10 bbls. Let set 10 min. Dropped balls and pmpd remaining acid. MAR 23 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. SI, WO tank facilities. Flowed to pit on 64/64" chk for 4½ hrs, flwg es: 1290 BO and 310 BW (GOR 2200) w/press from 1125-1275 psi. On last hr, flowed 320 BO and 20 BW (GOR 2200) on 64/64" chk w/1275 psi. Chokes and press's as follows:

<u>Choke</u>	<u>Press</u>	<u>Choke</u>	<u>Press</u>
54/64"	1400 psi	14/64"	4400 psi
44/64"	1800 psi	4/64"	4900 psi
34/64"	2500 psi	ISIP	4050 psi
24/64"	3450 psi		

SI @ 2 PM w/5000 psi. RU Cable and ran 11,000 psi tandem bombs w/72-hr clocks. Press after bomb in hole @ 3:45 PM - 5150 psi. (RDUFA). MAR 26 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
5" liner @ 13,911'

TD 13,919. PB 13,820. (RRD 3/26/73) SI, WO fac. Pulled BHP bomb making gradient stops @ 12,900 and 12,500. Press 1 hr and 40 min after SI - 8464 psi. Press 59½ hrs after bomb on btm - 8327 psi; after 69½ hrs - 8313 psi. TP 5005 prior to pulling bombs. (RDUFA). MAR 27 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. (RRD 3/27/73). Flowing. On 16-hr test 10/7/73, flwd 482 BO, 122 BW and 312 MCF gas on 10/64" chk w/4450 psi FTP and zero CP. (First production) OCT 8 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
768 BO, no wtr and 1212 MCF gas on 12/64" chk w/4300
psi FTP and zero CP. OCT 9 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
835 BO, 60 BW and 1483 MCF gas on 14/64" chk w/4300
psi FTP and zero CP. OCT 10 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test,
flwd 1092 BO, 18 BW and 1480 MCF gas on 14/64" chk
w/3900 psi FTP and zero CP. OCT 11 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
1020 BO, 8 BW and 1431 MCF gas on 14/64" chk w/3700
psi FTP and zero CP. OCT 12 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests, flwd
as follows:

<u>Pr</u>	<u>Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
	10/13	1028	6	1446	14/64	3600	0
	10/14	1003	9	1395	14/64	3600	0
	10/15	966	8	1360	14/64	3500	0

OCT 15 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. On 4-hr test, flwd 82 BO,
1 BW and 360 MCF gas on 14/64" chk w/3500 psi FTP and
zero CP. OCT 16 1973

Shell-Amerada Hess-
Ute 1-35A3
(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. OCT 17 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. SI. OCT 18 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 12-hr test, flwd
320 BO, no wtr and 289 MCF gas on 10/64" chk w/4200
psi FTP and zero CP. OCT 19 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests, flwd
as follows: OCT 22 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
10/20	484	0	776	12/64"	4200	0
10/21	838	1	1018	12/64"	3800	0
10/22	787	0	1048	12/64"	3600	0

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
746 BO, 1 BW and 1035 MCF gas on 12/64" chk w/3500
psi FTP and zero CP. OCT 23 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
619 BO, no wtr and 873 MCF gas on 12/64" chk w/3500
psi FTP and zero CP. OCT 24 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
662 BO, 1 BW and 953 MCF gas on 12/64" chk w/3500 psi
FTP and zero CP. OCT 25 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner at 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test,
well flowed 701 BO, 0 BW, and 968 MCF on 12/64"
chk w/3500 FTP and 0 CP. OCT 29 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests,
flwd as follows: OCT 29 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
10/27	712	0	968	12/64"	3400	0
10/28	727	0	995	12/64"	3400	0
10/29	779	0	1026	12/64"	3300	0

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
720 BO, no wtr and 995 MCF gas on 12/64" chk w/3000
psi FTP and zero CP. OCT 30 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
674 BO, 8 BW and 964 MCF gas on 12/64" chk w/3000 psi
FTP and zero CP. OCT 31 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
948 BO, 4 BW and 976 MCF gas on 12/64" chk w/3300 psi
FTP and zero CP.

NOV 1 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)

13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr test, flwd
722 BO, no wtr and 976 MCF gas on 12/64" chk w/3100
psi FTP and zero CP.

NOV 2 1973

Shell-Amerada Hess-
Ute 1-35A3

(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. On 24-hr tests, flwd
as follows: NOV 5 1973

<u>Rpt Date</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Chk</u>	<u>FTP</u>	<u>CP</u>
11/3	775	1	1005	12/64"	3100	0
11/4	994	11	1260	14/64"	3000	0
11/5	715	0	980	12/64"	3000	0

Shell-Amerada Hess-
Ute 1-35A3

(D)
13,919' Wasatch Test
KB 6132', GL 6101'
5" liner @ 13,911'

TD 13,919. PB 13,820. Flowing. OIL WELL COMPLETE.
Potentialled well w/24-hr test of 11/3/73, flwg 994 BO,
11 BW and 1260 MCF gas (GOR 1268) on 12/64" chk w/3000
psi FTP and zero CP from Wasatch and Flagstaff perfs.

11,670, 11,684, 11,785, 11,840, 11,856, 11,906, 11,937,
11,981, 12,115, 12,148, 12,177, 12,206, 12,268, 12,274,
12,282, 12,325, 12,345, 12,351, 12,396, 12,425, 12,434,
12,456, 12,464, 12,512, 12,531, 12,649, 12,658, 12,677,
12,690, 12,711, 12,725, 12,735, 12,786, 12,835, 12,905,
12,912, 12,931, 12,941, 12,947, 12,976, 12,989, 13,028,
13,094, 13,173, 13,270, 13,329, 13,403, 13,571, 13,581,
13,627, 13,692, 13,773, 13,794.

Oil Gravity: 44.2° @ 60°F.

Compl Test Date: 11/3/73. Initial Prod Date: 10/7/73.

Elev: 6101 GL, 6132 KB.

Log Tops: TGR₃ 9,860 (-3728)
UPPER WASATCH TRANSITION 11,300 (-5168)
FLAGSTAFF 12,540 (-6408)

This well was drilled for routine development.

FINAL REPORT. NOV 6 1973

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3

Job: 13 3/8 " O.D. Casing ~~13 3/8~~ Ran to 310 feet (KB) on 11-30, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
8	68#	K-55	8rd ST&C		313	CHF	310

8 jts Total

Casing Hardware:

Float shoe and collar type _____
 Centralizer type and product number _____
 Centralizers installed on the following joints _____
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush—Water _____ bbls, other _____ Volume _____ bbls
 First stage, type and additives 100 sx BJ lite, 2% CaCl₂
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives 175 sx Class "G", 2% CaCl₂
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate _____
 Percent returns during job _____
 Bumped plug at 1 AM/PM with 500 psi. Bled back _____ bbls. Hung csg
 with _____ lbs on slips.

Remarks:

Drilling Foreman _____
 Date _____

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3

Job: 9 5/8 " O.D. Casing/~~Line~~ Ran to 6757 feet (KB) on 12-24, 1972

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
<u>165</u>	<u>40#</u>	<u>K-55</u>	<u>ST&C</u>			<u>CHF</u>	<u>6757</u>

165 jts Total

Casing Hardware:

Float shoe and collar type Hal shoe at 6757, float at 6632
 Centralizer type and product number _____
 Centralizers installed on the following joints _____
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush—Water _____ bbls, other _____ Volume _____ bbls
 First stage, type and additives 625 CF BJ litewt, .1% R-5 . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives 235 CF Class "G" . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate _____
 Percent returns during job _____

Did Not Bump Plug at _____ AM/PM with _____ psi. Bled back _____ bbls. Hung csg
 with _____ lbs on slips. CIP 8 AM.

Remarks:

Drilling Foreman _____
 Date _____

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3

Job: 7 " O.D. Casing/~~Line~~ Ran to 11,649 feet (KB) on 1-20, 1973

Jts.	Wt.	Grade	Thread	New	Feet	From KB	To CHF	
								31.80
								CHF
		Diff Fill						
		Shoe S-95	8rd	X	2.41	11,649.00	11,646.59	
3	29#	S-95	8rd ST&C	X	132.30	11,646.59	11,514.29	
		Diff Fill						
		Float Collar	8rd	X	1.81	11,514.29	11,512.48	
29	29#	S-95	8rd ST&C	X	1,267.04	11,512.48	10,245.44	
243	26#	CF-95	8rd LT&C	X	10,213.64	10,245.44	31.80	
						31.80	-0-	

275 jts Total

Casing Hardware:

Float shoe and collar type Hal Diff Fill S-95
 Centralizer type and product number Halliburton
 Centralizers installed on the following joints 12' above shoe, each collar thereafter, total of six centralizers
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

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

Cement:

Preflush-Water 2 bbls, other _____ Volume _____ bbls
 First stage, type and additives 100 sx BJ litewt w/.5% D-31 and 117 sx Neat, 1% D-31, .1% R-5
 _____ . Weight 15.6 lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability 4 hours at _____ °F.
 Second stage, type and additives _____
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

Cementing Procedure:

~~Rotate~~/reciprocate Reciprocated
 Displacement rate 6 bbls
 Percent returns during job None
 Bumped plug at 4 AM/~~PM~~ with 2000 psi. Bled back 1 1/2 bbls. Hung csg with _____ lbs on slips.

Remarks:

Lost 7 hrs due to Hal float equip no working by circ and etc. Cement job went well, no returns.

Drilling Foreman C. R. Killen
 Date 1-21-73

CASING AND CEMENTING

Field Altamont Well Ute 1-35A3

Job: 5 " O.D. Casing/Liner. Ran to 13,911 feet (KB) on 2-20, 1973

Jts.	Wt.	Grade	Thread SFJ-P	New	Feet	From	To
						KB	CHF
						CHF	
		Hal Shoe P-110	X		1.72	13,911.00	13,909.28
3	18#	S00-95	X		116.89	13,909.28	13,792.39
		Hal Diff FC P-110	X		2.25	13,792.39	13,790.14
32	18#	S00-95	X		1,256.89	13,790.14	12,533.25
26	18#	N-80	X		1,104.35	12,533.25	11,428.90
	18#	Burns liner Hgr	X		7.55	11,428.90	11,421.35

61 jts Total

Casing Hardware:

Float shoe and collar type Hal Float and Shoe P-110 SFJ-P Diff Fill
 Centralizer type and product number B & W 12,500, 19 centralizers
 Centralizers installed on the following joints 6' above shoe, jt #2, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35, 38, 41, 49, 57, 60
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ . Caliper volume 411 ft³ + excess over caliper
 _____ ft³ + float collar to shoe volume _____ ft³ + liner lap _____ ft³
 + cement above liner 251 ft³ = _____ ft³ (Total Volume).

Cement:

Preflush-Water _____ bbls, other _____ Volume _____ bbls
 First stage, type and additives 411 CF Class "G", 1% D-31 and .1% R-5
 _____ . Weight 16.0 lbs/gal, yield 1.4
 ft³/sk, volume 361 sx. Pumpability 4 hours at 230 °F.
 Second stage, type and additives _____
 _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability _____ hours at _____ °F.

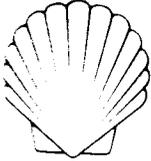
Cementing Procedure:

Rotate/reciprocate No
 Displacement rate 3 B/M
 Percent returns during job 100%
 Bumped plug at 6 AM/PM with 2900 psi. Bled back 1 1/2 bbls. Hung csg
 with 34,250 lbs on slips. (liner wt)

Remarks:

Liner went to btm. Circ btms up. Full returns throughout duration of job.
Temp - 3° below zero. No backflow after pulling stinger out of liner.

Drilling Foreman C. R. Killen
 Date 2-20-73



SHELL OIL COMPANY

P.O. BOX 831
HOUSTON, TEXAS 77001

August 16, 1974

Subject: Request to Commingle Oil
Wells 1-35A3, 1-36A3, 1-25A3, 1-26A3
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 Ute 1-35A3, Ute 1-36A3, 1-25A3 and 1-26A3 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 Ute 1-35A3 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 are separated. The treated oil from the heater-treater will be continuously metered 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 either a velocity-vortex or a positive displacement meter and is measured therein. Samples of the stream will be taken regularly and stored in a pressurized container for use in determining the average BS & W content. The meter will be checked by Shell for accuracy at least every four months by producing into a lease stock tank or test tank in a method similar to API Standard 1101, Section III, "Open Volumetric Provers". The metering system for each lease will be identical and will be operated at approximately the same temperature, pressure and metering flow rate. 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 meter factors derived from proving runs. This system complies fully with Rule F-1 of the Oil and Gas Conservation Act and will provide an effective metering system.

Mr. Cleon B. Feight, Director
Utah Oil and Gas Conservation Commission

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.

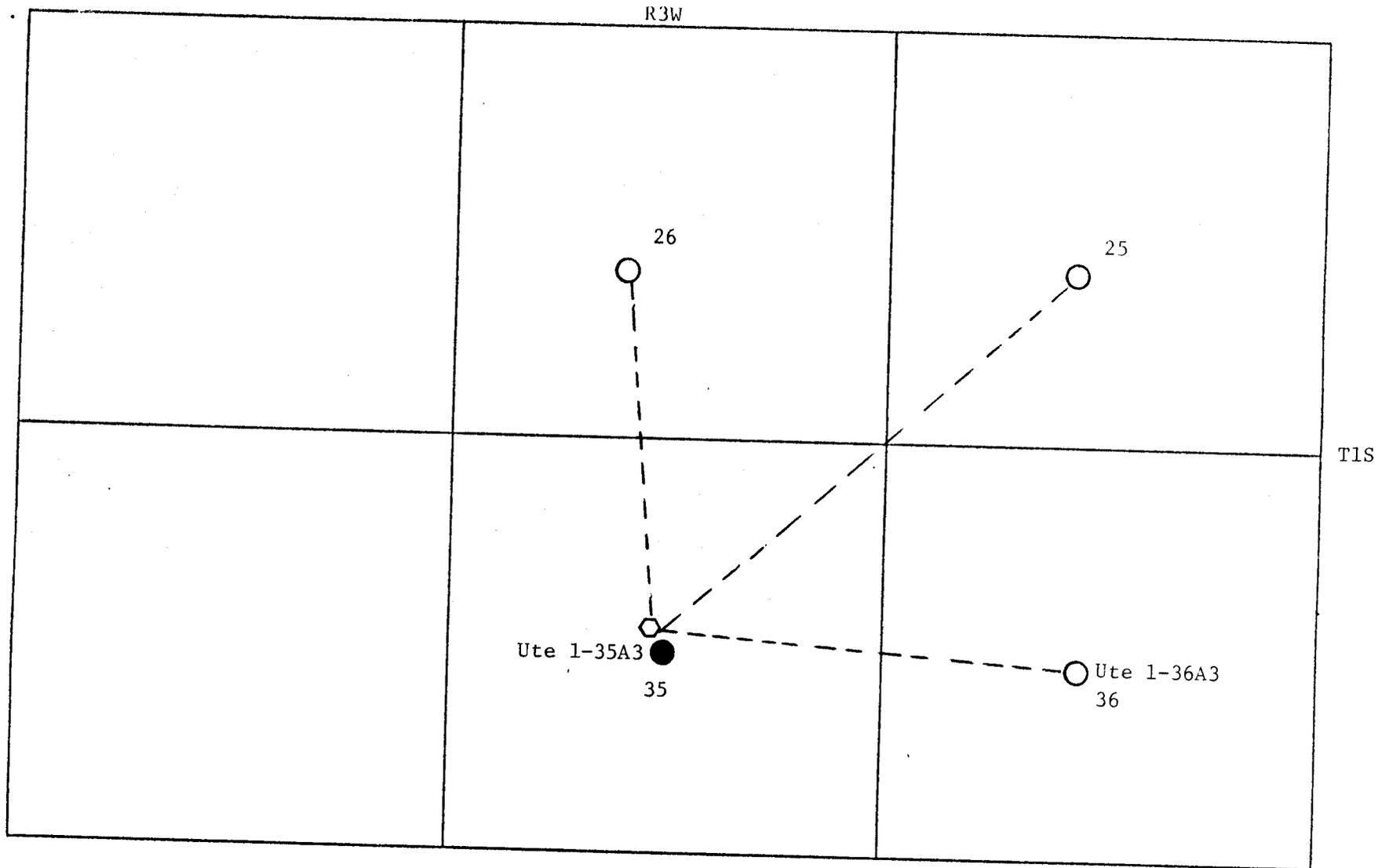
Yours very truly,



fa F. H. Richardson
Division Production Manager
Western Division

TES:AK

LOCATION PLAT
CENTRALIZED PRODUCTION FACILITIES
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH



- WELL LOCATION
- ⬡ BATTERY LOCATION
- PROPOSED FLOWLINE

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

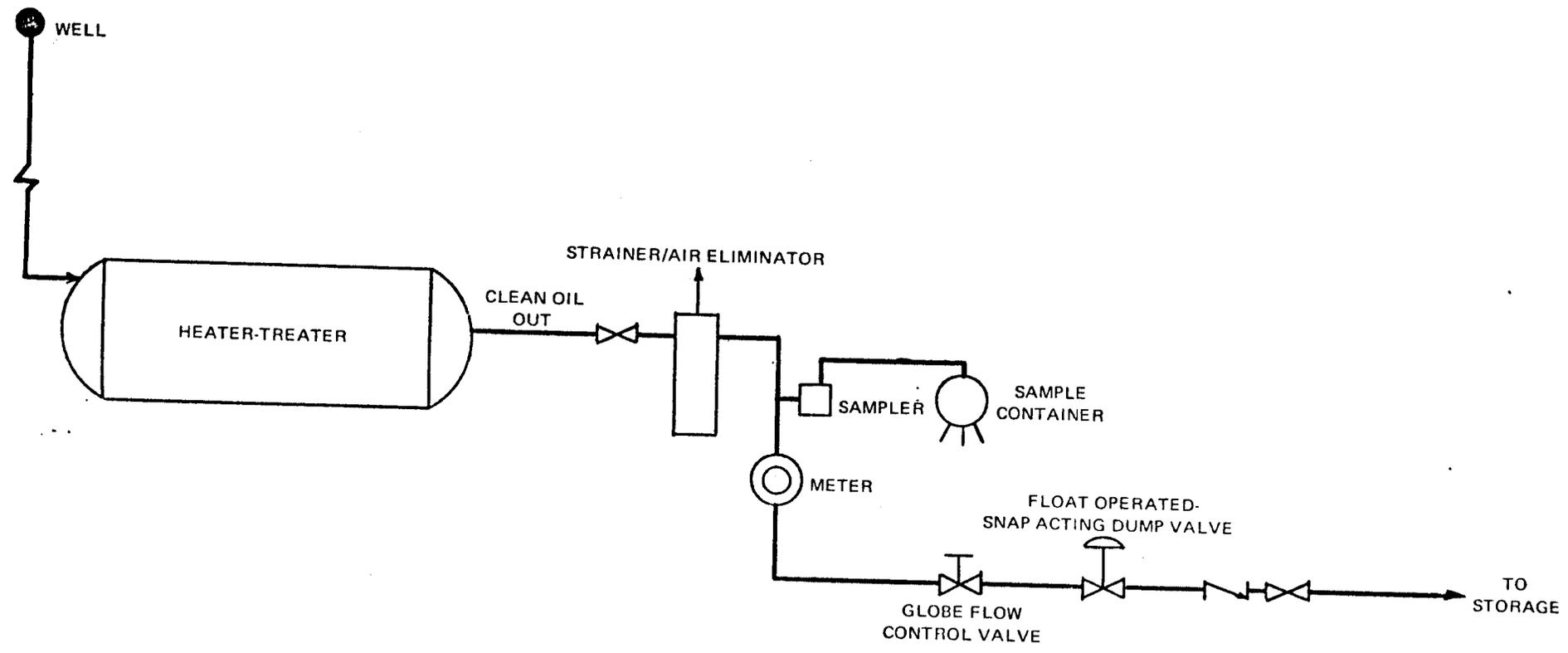
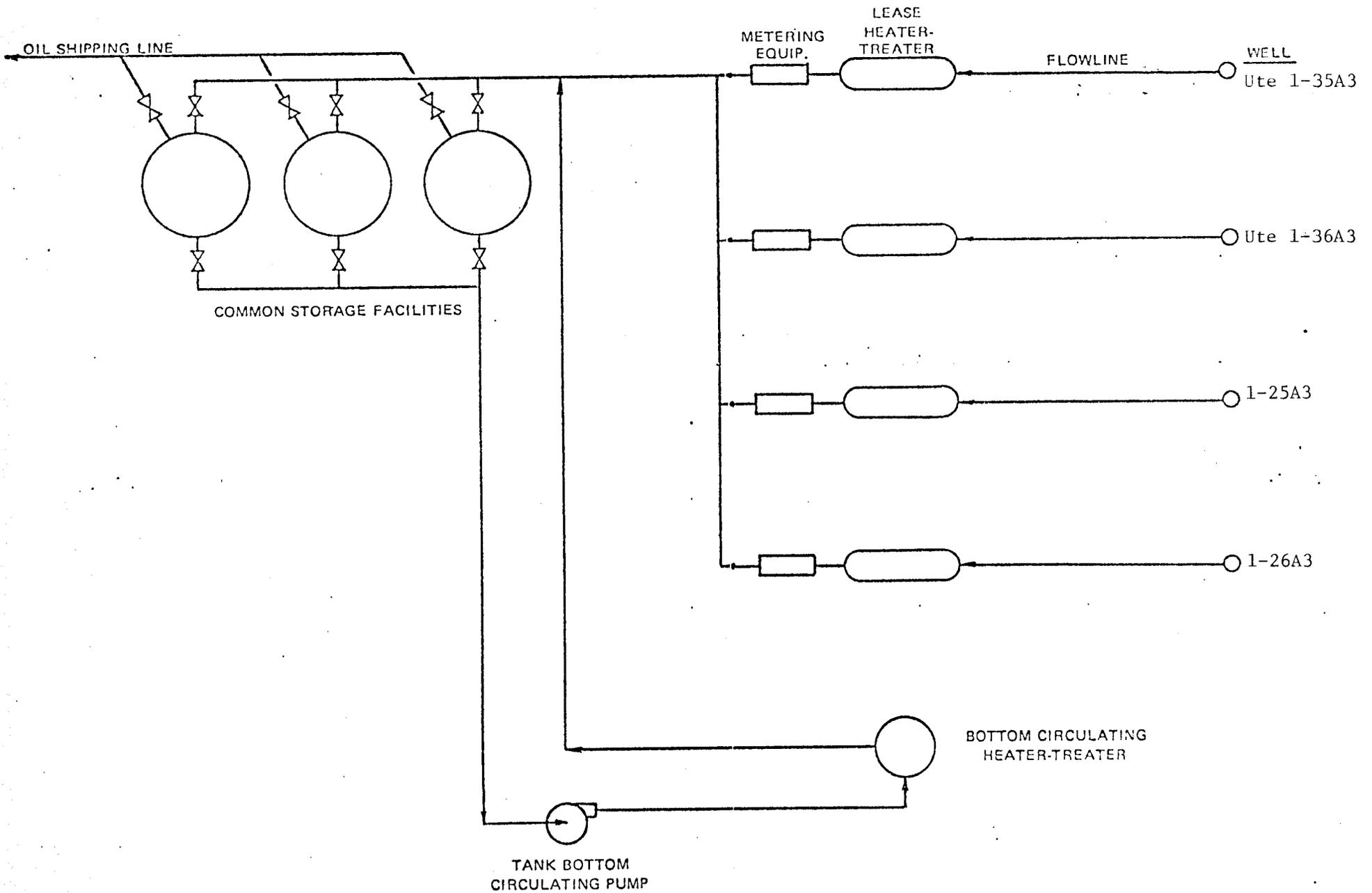


FIGURE 3

FLOW DIAGRAM FOR PROPOSED CENTRALIZED PRODUCTION FACILITIES ALTAMONT FIELD, UTAH



4
PI
August 21, 1974

Shell Oil Company
P. O. Box 831
Houston, Texas 77001

Attention: F. H. Richardson
Western Division Production Manager

Re: Well No's:

[- #1-35A3 - S35, T1S, R3W;
#1-36A3 - S36, T1S, R3W;
#1-25A3 - S25, T1S, R3W;
#1-26A3 - S26, T1S, R3W,
Altamont Field, Duchesne County, Utah

Gentlemen:

Relative to your letter of August 16, 1974, please be advised that approval to commingle treated oil in common storage facilities from the above referred to wells is hereby granted. However, approval for the #1-25A3 and #1-26A3 wells is contingent upon Notices of Intention to Drill being filed and approval obtained from this Division prior to drilling said wells.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:lp

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 42-R1424.
p I

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-1804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-35A3

10. FIELD AND POOL, OR WILDCAT

Altamont

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

NW/4 SE/4 Section 35-
T1S-R3W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2270' FSL and 2554' FEL Section 35

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6132 KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Acid Wash
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

As per attached report

✓ 2 cc: Utah State Oil and Gas Conservation Commission -
w/Attachment

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

SIGNED T.S. Mize TITLE Division Operations Engr. DATE 9/25/74

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

ACID WASH

ALTAMONT

SHELL OIL COMPANY

LEASE

UTE

WELL NO.

1-35A3

DIVISION

WESTERN

ELEV

6132 KB

COUNTY

DUCHESNE

STATE

UTAH

9/24/74

LOCATION

NW/4 SE/4 SECTION 35-T1S-R3W

UTAH

ALTAMONT

Shell-Amerada Hess-

Ute 1-35A3

(Acid Wash)

"FR" TD 13,919. PB 13,820. Flowing. ACID WASH TO REMOVE SCALE COMPLETE. Lease expense provided funds to acid wash to remove scale. On 9/21/74, acid washed w/2500 gal 15% HCl as follows: SI well and pmpd 2500 gal 15% HCl. Flushed w/total of 70 bbls cln fm wtr as follows: pmpd all acid and 45 bbls flush water at 5-1/4 B/M rate w/1500 psi sfc trtg press. When all acid and 45 bbls flush in tbg, cut pump rate to 1/4 B/M at 50 psi sfc trtg press. Pmpd 5 bbls flush at 1/4 B/M. Incr pump rate to 5-1/2 B/M w/500 psi sfc trtg press for remaining 20 bbls flush. SI overnight. SITP 1200 psi. Opened well to pit to clean up - well started making oil and gas immediately. Returned well to production. On 24-hr test 9/20/74, prior to acid wash, flwd 248 BO, 205 BW and 342 MCF gas through 16/64" chk w/750 psi FTP from Wasatch perfs 11,670-13,794. On 24-hr test 9/23/74, after acid wash, flwd 349 BO, 170 BW and 372 MCF gas through 16/64" chk w/800 psi FTP from Wasatch perfs 11,670-13,794. SEP 24 1974
FINAL REPORT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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. Tribal 14-20-H62-1804
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80202		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 2270' FSL & 2554' FEL Section 35		8. FARM OR LEASE NAME Ute
14. PERMIT NO.		9. WELL NO. 1-35A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6132 KB		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 SE/4 Section 35-T1S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Sept. 30, 1976
BY: P. L. Murrell

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

SIGNED

J. W. Krumel

TITLE

Div. Opers. Engr.

DATE

9/24/76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: Utah O&GCC w/attachment

INSTALL GAS LIFT EQUIP

ALTAMONT

SHELL-AMERADA HESS

LEASE UTE
 DIVISION WESTERN
 COUNTY DUCHESNE

WELL NO. 1-35A3
 ELEV 6132 KB
 STATE UTAH

FROM: 8/23/76 - 9/21/76

UTAH

ALTAMONT

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

"FR" TD 13,919. PB 13,820. AFE #523404 provides funds to equip for gas lift. Backed well down w/100 bbls clean lse wtr. MI&RU PU. Tested csg to 1500 psi; bled off 150 psi in 30 mins. Installed BOP's. Unlatched from pkr, pulled up & circ'd 200 bbls lse wtr. Pulled tbg. SD for night. SIP 0. Pulled 36 jts 5-1/2 heat string. Ran 20 jts 2-7/8 tbg. SD for weekend.
 AUG 23 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. SI.

AUG 24 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. SI.

AUG 25 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. SI.

AUG 26 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. SIP 0. RIH w/29' prod stinger, Bkr seal assy, Axelson seat'g nip & press'd tbg to 5000#. Bled to 0 in 3 mins. Chng'd std'g valve. Ran tbg w/gas lift valves @ 11,300, 10,700, 10,099, 9496, 8892, 8198, 7009, 5284 & 2908. SD for night. 8/25 SIP 0. RIH w/tbg, 2 8' subs & 1 3' sub & landed tbg w/3000# tension. Removed BOP's & set prod tree. Tested tree & tbg to 5000#, ok. Fished SV & opened well to bty and started gas lift'g. Released rig 8/25.

AUG 27 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. On various tests, prod:

Rept Date	Hrs	BO	BW	MCF Gas	Press
8/28:	24	381	230	1432	1400
8/29:	24	380	270	999	1400
8/30:	19	114	518	621	1400

AUG 30 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 145 BO, 500 BW, 519 MCF gas w/1380 psi inj press.

AUG 31 1976

Shell-Amerada Hess-
 Ute 1-35A3
 (Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 165 BO, 854 BW, 692 MCF gas w/150 psi inj press.

SEP 01 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 109 BO,
406 BW, 479 MCF gas w/1460 psi inj press.

SEP 0 2 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 135 BO,
402 BW, 397 MCF gas w/1380 psi inj press.

SEP 0 3 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>9/4:</u>	24	169	563	520	1400
<u>9/5:</u>	24	184	134	388	
<u>9/6:</u>	24	177	183	290	
<u>9/7:</u>	24	230	750	930	1390

SEP 0 7 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 161 BO,
585 BW, 615 MCF gas w/1400 psi inj press.

SEP 0 8 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 112 BO,
212 BW, 182 MCF gas w/1280 psi inj press.

SEP 0 9 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 266 BO,
683 BW, 651 MCF gas w/1380 psi inj press.

SEP 1 0 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>9/11:</u>	8	80	60	90	1400
<u>9/12:</u>	24	257	87	287	1380
<u>9/13:</u>	24	264	170	392	1380

SEP 1 3 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. Installed 10" BOP's. RIH w/Bkr 7"
pkr picker. Pmp'd 300 bbls prod wtr to try to est circ.
SI well overnight.

SEP 1 4 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. (Corr to rept of 9/14: Should have
read: On 24-hr test, gas lifted 212 BO, 191 BW, 403 MCF gas
w/1400 psi.) On 24-hr test, gas lifted 203 BO, 273 BW, 460
MCF gas w/1380 psi.

SEP 1 5 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 217 BO,
226 BW, 454 MCF gas w/1360 psi.

SEP 1 6 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 221 BO,
186 BW, 391 MCF gas w/1380 psi.

SEP 1 7 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
<u>9/18:</u>	24	219	499	705	1360
<u>9/19:</u>	24	201	174	430	1360
<u>9/20:</u>	24	275	141	358	1300

SEP 20 1976

Shell-Amerada Hess-
Ute 1-35A3
(Install gas lift equip)

TD 13,919. PB 13,820. On 24-hr test 8/19/76 before work, prod 143 BO, 215 BW, 187 MCF gas w/75 psi. On 24-hr test dated 9/20/76, gas lifted 275 BO, 141 BW, 358 MCF gas w/1300 psi.
FINAL REPORT

SEP 21 1976

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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. Tribal 14-20-H62-1804
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2270' FSL & 2554' FEL Section 35		8. FARM OR LEASE NAME Ute
14. PERMIT NO.		9. WELL NO. 1-35A3
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6132 KB		10. FIELD AND POOL, OR WILDCAT Altamont
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 SE/4 Section 35-T1S-R3W
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH Duchesne
18. I hereby certify that the foregoing is true and correct		13. STATE Utah

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 checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input 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 checked="" 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.)

See attachment

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: August 8, 1977

BY: P. H. Burwell

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

SIGNED

P. P. Plauty

TITLE

Div. Opers. Engr.

DATE

8/3/77

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: O&GCC w/attachment

ACID TREAT

SHELL-AMERADA HESS

FROM: 5/26 - 8/2/77

ALTAMONT

LEASE	UTE	WELL NO.	1-35A3
DIVISION	WESTERN	ELEV	6132 KB
COUNTY	DUCHESNE	STATE	UTAH

UTAH

ALTAMONT

Shell-Amerada Hess-
Ute 1-35A3
(AT)

"FR" TD 13,919. PB 13,820. AFE provides funds to AT. Well currently gas lifting 122 BO, 485 BW & 290 MCF gas per day. 5/24 MI&RU Sun to run SV to 11,395 to press test tbg. RIH w/SV & pmp'd 30 bbls prod wtr down tbg. Press'd tbg to 3000 psi 15 mins; press bled off to 2950 psi. Pulled SV. 5/25 MI&RU Dowell & AT perf'd interval 11,649-13,794 (53 holes) w/10,000 gals 5% HCl acid w/foll'g additives per 1000 gals acid: 2 gals M38, 20 gals L47, 2 gals F40, 25# L41 & 2 gals A200. SI well w/1100 psi. Pmp'd 40 BW to est rate & press. Pmp'd 10,000 gals 5% HCl & flushed w/250 bbls prod wtr. Max press 3000 psi, min 2700. Max rate 6 B/M, min 5.5. SI well @ 2800 psi & went on vac. SI well overnight.

MAY 26 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. No report.

MAY 27 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. No report.

MAY 31 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. No report.

JUN 01 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 113 BO, 416 BW, 432 MCF gas w/1280 psi inj press.

JUN 02 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 122 BO, 689 BW, 966 MCF gas w/1300 psi inj press.

JUN 03 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 131 BO, 450 BW, 620 MCF gas w/1270 psi inj press.

JUN 06 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
6/3	24	121	454	678	1260
6/4	24	158	296	1023	1260
6/5	24	165	521	771	1370

JUN 07 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 120 BO,
125 BW, 519 MCF gas w/1300 psi inj press.

JUN 08 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 118 BO,
607 BW, 752 MCF gas w/1370 psi inj press.

JUN 09 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 113 BO,
473 BW, 735 MCF gas w/1280 psi inj press.

JUN 10 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 118 BO,
513 BW, 845 MCF gas w/1280 psi inj press.

JUN 13 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. (Report discontinued until
further activity)

JUN 14 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. (RRD 6/14/77) MI&RU RMWL to chng
leak'g gas lift valve @ 5284'. RIH & set collar stop @
5400. POOH; RIH & pulled bad valve. Ran new valve w/test
rack press of 1391#. Pulled collar stop & returned well
to prod.

JUL 13 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 94 BO,
351 BW, 467 MCF gas w/1270 psi inj press.

JUL 14 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 112 BO,
543 BW, 560 MCF gas w/1270 psi inj press.

JUL 15 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 118 BO,
514 BW, 678 MCF gas w/1400 psi inj press.

JUL 18 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
7/15	24	98	484	619	1380
7/16	24	76	470	583	1400
7/17	24	88	480	590	1400

JUL 19 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 87 BO,
405 BW, 678 MCF gas w/1400 psi inj press.

JUL 20 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 86 BO,
643 BW, 732 MCF gas w/1300 psi inj press.

JUL 21 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 80 BO,
510 BW, 579 MCF gas w/1360 psi inj press.

JUL 22 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 90 BO,
509 BW, 597 MCF gas w/1360 psi inj press.

JUL 25 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
7/22	24	99	547	609	1320
7/23	24	109	642	793	1400
7/24	24	106	627	891	1370

JUL 26 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 95 BO,
639 BW, 872 MCF gas w/1340 psi inj press.

JUL 27 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 81 BO,
484 BW, 807 MCF gas w/1340 psi inj press.

JUL 28 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 87 BO,
634 BW, 783 MCF gas w/1340 psi inj press.

JUL 29 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 81 BO,
694 BW, 813 MCF gas w/1370 psi inj press.

AUG 01 1977

Shell-Amerada Hess-
Ute 1-35A3
(AT)

TD 13,919. PB 13,820. Prior to acid trtmt, well gas
lifted 122 BO, 485 BW & 290 MCF gas per day. After trtmt,
well gas lifted an avg of 87 BO, 509 BW & 479 MCF gas
per day.

FINAL REPORT

AUG 02 1977



LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-1686
 SAMPLE TAKEN 12-11-74
 SAMPLE RECEIVED 12-23-74
 RESULTS REPORTED 12-31-74

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY SHELL OIL CO. LEASE _____ WELL NO. 1-35A3
 FIELD _____ COUNTY _____ STATE _____ Sec 35-18.3W
 SAMPLE TAKEN FROM _____
 PRODUCING FORMATION Wasatch TOP _____
 REMARKS Produced Water

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

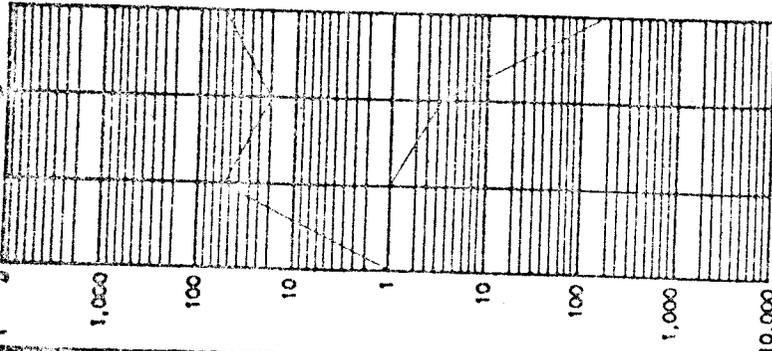
SPECIFIC GRAVITY @60/60° F. 1.0113 pH 8.25 RES. 0.90 OHM METERS @ 77° F

TOTAL HARDNESS 275.20 mg/L as CaCO₃ TOTAL ALKALINITY 1220 mg/L as CaCO₃

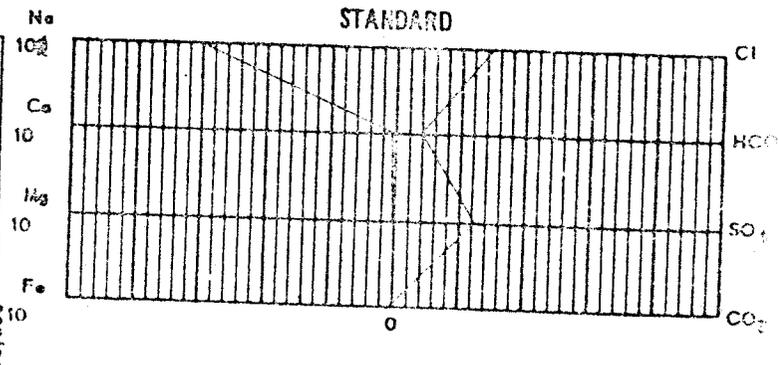
CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ⁺⁺	91.0	4.55		
MAGNESIUM - Mg ⁺⁺	11.6	0.95		
SODIUM - Na ⁺	3407.0	148.12		
BARIUM (INCL. STRONTIUM) - Ba ⁺⁺	0	0		
TOTAL IRON - Fe ⁺⁺ AND Fe ⁺⁺⁺	0.12	0.004	153.63	
BICARBONATE - HCO ₃ ⁻	1220	20.0		
CARBONATE - CO ₃ ⁼⁼	0	0		
SULFATE - SO ₄ ⁼⁼	3035	63.23		
CHLORIDE - CL ⁻	2499.0	70.39	153.62	
TOTAL DISSOLVED SOLIDS	8440			

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST _____

CHECKED _____

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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

Form approved.
Budget Bureau No. 42-R1424.

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.
Tribal 14-20-H62-1804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-35A3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/4 SE/4 Section 35-T1S-R3W

12. COUNTY OR PARISH
Duchesne

13. STATE
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
2270' FSL & 2554' FEL Section 35

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6132 KB

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 & 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 attachment

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

SIGNED *R. Plaudy* TITLE Div. Opers. Engr. DATE 11/21/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
cc: Utah O&GCC w/attachment

REMEDIAL PROGNOSIS
Ute 1-35A3
Section 35, T1S, R3W
Duchesne County, Utah
Bluebell Field

Pertinent Data:

KB Elevation: 6132'
KB-GL: 31'
TD: 13,919' PBDT: 13,820' (Hard scale @ +12,700')
7"-26#, CF-95, LT&C, and 7"-29#, S-95, ST&C @ 11,649'
5"-18#, S00-95, SFJ @ 13,911'; 5" liner top @ 11,422'
Packer: 7" Baker Model "D", top @ 11,396"
Tubing: 2 7/8", N-80, EUE

Shell W.I.: ^{50%} 100%
AFE no.: _____

Perforations: 53 perfs 11,670'-13,794' (BRB-M61)

Previous Stimulation:

- 3/73 - (Initial completion) - A.T. w/30,000 gals 15% HCl & 56 ball sealers. Balled out with 45 balls @ 9600 psi. No RA material used.
- 9/74 - A.T. w/2500 gals 15% HCl. Maximum 1500 psi surface treating pressure. No diverting material used.
- 9/75 - A.W. w/coiled tubing. Total of 4000 gals 15% HCl.
- 5/77 - A.T. w/10,000 gals 5% HCl including scale inhibitor. No diverting material used. Maximum 3000 psi surface treating pressure.

Current Status:

Average gas lift production in September was 60 BOPD and 494 BWP. Cumulatives as of 9/30/77 are: 322,493 BO and 453,570 BW with a cumulative GOR of 1351. Of these totals 38,214 BO and 173,249 BW has been produced since installation of gas lift in August 1976.

Current estimated BHP (pressure vs. cumulative plot) is 4300 psi @ 12,700'. Scaled off zones below 12,700' could be higher pressured.

Proposed Operation:

The proposed work is intended to 1) remove suspected scale buildup in the 5" liner, 2) perforate an additional 14 potential pay zones at 4 shots per foot, 3) reperforate 22 existing zones at 4 shots per foot, and 4) acid stimulate 408 perfs 12,650' - 13,794' (M3-M6). The 25 perforations existing above 12,600' will not be stimulated at this time due to their high producing water cut (89%).

Procedure:

1. MI&RU workover rig. Kill well w/produced water. Install and test BOPE as per field specs.
2. Release tubing and seal assembly from Model "D" packer @ 11,396' and POOH.
3. Mill and pluck 7" Model "D" packer @ 11,396'.
4. Clean out 5" liner to PBSD @ 13,830'.

Note: Significant obstructions (probably scale) were encountered at +12,700' and at +12,900' in December 1974 while attempting a production log. An acid wash with coiled tubing in September 1975 and an acid job in May 1977 were successful in removing ^{the} scale. probably not

5. Rig up OWP with lubricator (test to 5000 psi) and perforate as follows:
 - a) Perforate using a 3 1/8" O.D. hollow steel carrier, loaded with Hyperjet 13.5 gm charges at 90° phasing.
 - b) Record and report wellhead pressure before and after perforating.
 - c) Perforate (from bottom up) 4 shots per foot in each of the following intervals (depth reference is Schlumberger CCL-CNL dated 3/14/73) :

12,649-650 (4)	12,905-906 (4)	13,144-145 (4)
12,657-658 (4)	12,912-913 (4)	13,172-175 (12)
12,676-678 (8)	12,930-932 (8)	13,180-182 (8)
12,686-691 (20)	12,940-943 (12)	13,231-234 (12)
12,709-712 (12)	12,946-949 (12)	13,242-246 (16)
12,725-726 (4)	12,969-971 (8)	13,268-272 (16)
12,735-736 (4)	12,975-978 (12)	13,286-288 (8)
12,769-773 (16)	12,988-990 (8)	13,310-312 (8)
12,786-787 (4)	13,005-006 (4)	13,328-330 (8)
12,809-813 (16)	13,028-029 (4)	13,337-341 (16)
12,822-823 (4)	13,058-059 (4)	13,385-387 (8)
12,834-835 (4)	13,089-101 (48)	13,403-412 (36)

Total new perfs: 380 (22 old zones, 14 new zones)
 Total perfs in well after this job: 433 (408 below 12,590')

6. a) If well has pressure after perforating that will not bleed off, lubricate in a 5" Baker Model "FA" packer (w/flapper). Set at 12,590'. Run tubing and latch into packer. Test tubing to 6500 psi. Install 10,000 psi tree.
- b) If pressure after perforating bleeds off, run tubing w/5" Baker Fullbore packer and set at 12,590'. Test tubing to 6500 psi. Install 10,000 psi tree.

7. A.T. the 408 perfs (380 new, 28 old) 12,650' - 13,794' with 15,600 gallons 15% HCl as follows:
 - a) Pump 2000 gallons 15% HCl without ball sealers.
 - b) Pump 4200 gallons 15% HCl, dropping two 7/8" RCN ball sealers every 150 gallons.
 - c) Pump 500 gallons of 15% HCl including 500 lbs OS-160 Button Unibeads and 50 7/8" RCN ball sealers.
 - d) Repeat Step (b) two more times and Step (c) one more time. (Total of 15,600 gallons 15% HCl, 268 ball sealers, and two stages of Unibeads.)
 - e) Flush with 100 bbls (4200 gals) of clean produced water.
 - f) If necessary, follow flush with +50 bbls of diesel after +20 minutes shut-in.
- Note:
 - 1) All acid and flush should contain sufficient friction reducing agent for +50% friction reduction.
 - 2) All acid should contain sufficient inhibitor for 4 hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
 - 3) Maintain 2000 psi surface pressure on 7" x 2 7/8" annulus during job by pumping produced water into 7" casing. (There are 25 perfs above packer at 12,590'.)
 - 4) Inject acid and flush at maximum rate while not exceeding 9000 psi surface treating pressure.
 - 5) Increase amount of Unibeads if diverting action is not observed.
 - 6) Record ISIP and shut-in pressure decline for at least 20 minutes.
8.
 - a) If well flows, release rig and put on production. Proceed with Step 9 when well can be controlled with water.
 - b) If well does not flow, continue with Step 9.
9. Kill well with produced water. Remove tree and install BOPE as per field specs.
10. Pull tubing. If a Model "FA" packer was run in Step 6, RIH, mill over "FA" pkr and push to bottom. If a Fullbore was run in Step 6, make a clean out run to 13,820'. Spot +2000 gals 15% HCl on bottom after C.O.

11. Run production string with 7" retrievable packer and gas lift mandrels w/valves. (Gas lift design will follow this prognosis, based on potential of the well.) Set packer at +11,460'.
12. Put well on gas lift production. If performance of well has changed significantly, plan to run a production log. Coordinate with Altamont Engineering group.

JAS
MRS:
10/14/77

J. A. Stanzione

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

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

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 2270' FSL and 2554' FEL Sec 35
At top prod. interval reported below
At total depth _____

State _____

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-1804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-35A3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NW/4 SE/4 Section 35-
T 1S-R 3W

12. COUNTY OR PARISH Duchesne **13. STATE** Utah

14. PERMIT NO. 43-C13-30181 **DATE ISSUED** 11-20-72

15. DATE SPUDDED 11-29-72 **16. DATE T.D. REACHED** 2-17-73 **17. DATE COMPL. (Ready to prod.)** 10-7-73

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6101 GL, 6132 KB **19. ELEV. CASINGHEAD** 31'

20. TOTAL DEPTH, MD & TVD 13,919 **21. PLUG, BACK T.D., MD & TVD** 13,820

22. IF MULTIPLE COMPL., HOW MANY* _____ **23. INTERVALS DRILLED BY** _____ **ROTARY TOOLS** Total _____ **CABLE TOOLS** _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Wasatch and Flagstaff perms 11,670-13,794

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN BHCS-GR, DIL, FDC-CNL/GR, CBL, VDL, & CCL

27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	63#	310'	17 1/2"	275 SX	0
9 5/8"	40#	6,757'	12 1/4"	860 SX	0
7"	26 & 29#	11,649'	8 3/4"	217 SX	0

29. LINER RECORD CF

SIZE	TOP (MD)	BOTTOM (MD)	PACKER CEMENT*	SCREEN (MD)
5"	11,421	13,911	411	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
As per attachments

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION 10-7-73 **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** Flowing **WELL STATUS (Producing or shut-in)** Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-3-73	24	12/64"	→	994	1260	11	1268

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
3000	0	→	994	1260	11	44.2°

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

TEST WITNESSED BY _____

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

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

SIGNED J. S. Mize **TITLE** Division Operations Engr. **DATE** 12-1-73

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

2 cc's: Oil and Gas Conservation Commission - Salt Lake City w/attachments

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. Gauge not available.

JAN 13 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)
JAN 16 1978

TD 13,919. PB 13,820. On various tests well gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
1/10	24	47	476	1356	1175
1/11	24	0	568	1442	1115
1/12	24	0	567	1700	1235
1/13	24	0	598	1682	1235

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)
JAN 17 1978

TD 13,919. PB 13,820. On various tests well gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
1/14	24	0	458	1596	1235
1/15	24	0	331	1356	1235

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 0 BO, 289 BW, 1356 MCF gas w/1235 psi inj press. JAN 18 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 0 BO, 489 BW, 1589 MCF gas w/1205 psi inj press. JAN 19 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 0 BO, 528 BW, 1834 MCF gas w/1237 psi inj press. JAN 20 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 20 BO, 480 BW, 1682 MCF gas w/1205 psi inj press.

JAN 23 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 16 BO, 417 BW, 1881 MCF gas w/1205 psi inj press. JAN 24 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 18 BO, 516 BW, 1682 MCF gas w/1205 psi inj press. JAN 25 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 14 BO, 235 BW, 1103 MCF gas w/1205 psi inj press. JAN 26 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
1/23	24	15	366	1393	1205
1/24	24	23	297	1980	1205
1/25	24	12	368	1356	1205

JAN 27 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 12 BO, 243 BW, 678 MCF gas w/1205 psi inj press. JAN 30 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
1/27	24	14	177	863	1237
1/28	24	19	228	904	1237
1/29	24	18	292	1130	1237

JAN 31 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 15 BO,
245 BW, 957 MCF gas w/1237 psi inj press. FEB 01 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 18 BO,
296 BW, 1407 MCF gas w/1237 psi inj press. FEB 02 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. Gauge not available.

FEB 03 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 17 BO,
216 BW, 904 MCF gas w/1237 psi inj press. FEB 06 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>MCF Gas</u>	<u>Inj Press</u>
2/2	24	25	489	1307	1237
2/3	24	17	429	1130	1200
2/4	24	15	478	904	1200
2/5	24	34	484	904	1200

FEB 07 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. Gauge not available.

FEB 08 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. 2/7 MI&RU Geotex to run a fluid entry survey. Well log'd @ rate of 500 B/D which was 100% wtr per the density log. Well was very erratic w/gas inj @ approx 300-750 MCF/D depending when Geotex was in or out of hole. TP varied betwn 100-650 psi while being log'd. The foll'g is Geotex's interpretation of log: Had wtr entries @ these depths - 13,271 (no flw below); 13,270 (100 B/D entry); 13,172 (60 B/D); 13,094 (70 B/D); 13,028 (65 B/D); 12,786 (85 B/D); 12,712, 12,726, 12,735 (50 B/D across these perfs); 12,690, 12,648 (35 B/D across perfs). Note: these are preliminary reports - at no time did the density log indicate any presence of hydrocarbons.

FEB 09 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 19 BO,
251 BW, 1017 MCF gas w/1200 psi inj press. FEB 10 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 19 BO,
191 BW, 1060 MCF gas w/1200 psi inj press. FEB 13 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	MCF Gas	Inj Press
2/10	24	20	411	600	1200
2/11	24	20	446	882	1200
2/12	24	18	422	700	1200

FEB 14 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 8-hr test, gas lifted 6 BO,
185 BW, 300 MCF gas w/1200 psi inj press. FEB 15 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. MI&RU wax cutters & cut the well.
MI&RU WL to run a 72-hr press bldup. Datum pt is 12,700.
RIH & had a 2-hr flw'g survey. SI well for press bldup;
will pull bomb 2/17/78. FEB 16 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. SI for BHPS.
FEB 17 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. 2/17 POOH w/72-hr press bombs.
RIH w/a 3-hr press bomb & took gradient stop press
readings in the tbg. POOH & returned well to prod.
The well is currently gas lift'g 14 BO & 441 BW per day
w/an avg lift of 674 MCF/D gas inj. The well has had
an inflw log & BHPS run since the remedial work. Prior
to work, well was prod'g approx 100 BO/D. FEB 21 1978
FINAL REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

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. Tribal 14-20-H62-1804
2. NAME OF OPERATOR Shell Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2270' FSL & 2554' FEL Section 35		8. FARM OR LEASE NAME Ute
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6132 KB	9. WELL NO. 1-35A3
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 SE/4 Section 35- T1S-R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

P

See attachment



18. I hereby certify that the foregoing is true and correct
SIGNED R. P. Plaudy TITLE Div. Opers. Engr. DATE 2/22/78
(This space for Federal or State office use)

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

cc: Utah O&GCC w/attachment

CLEAN OUT, PERFORATE & STIMULATE

SHELL-AMERADA HESS

FROM: 12/21/77 - 2/21/78

LEASE
DIVISION
COUNTY

UTE
WESTERN
DUCHESNE

WELL NO.
FLPV
STATE

ALTAMONT
1-35A3
6132 KB
UTAH

UTAH
ALTAMONT

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

"FR" TD 13,919. PB 13,820. AFE #571587 provides funds to CO to PBTD, perf & stim & put well back on gas lift. Bled gas press off annulus. MI&RU WOW #17. Pmp'd 40 bbls prod wtr down tbg; tbg on vac. Installed tbg BPV, removed tree & installed & tested 6" BOP's. Removed BPV & SI well overnight.

DEC 21 1977

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. PU tbg off donut, released from Mdl D pkr & POOH. LD gas lift mndrls & latch in seal assy. RIH w/Bkr 7" pkr picker & latched into pkr. Pmp'd total 600 bbls prod wtr & est good circ. Milled on pkr 2 hrs & cut loose. Circ'd btms up. Pulled 4 stds 2-7/8 tbg & SI well for night.

DEC 22 1977

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

DEC 27 1977

TD 13,919. PB 13,820. 12/22: POOH w/tbg & pkr - pkr drug. Lower portion of pkr left in hole. Picked up 4-1/8 mill & RIH on 2-7/8" tbg - could not get into liner. Milled for 2 hrs. Circ hole clean & S.I. well over night. 12/23: CO 5" liner. Ran 4-1/8 mill to 13,784. Obstructions. Milled for 1 hr. Made 2'. PBTD 13,786. POOH. Well on vacuum. Installed BOP's & SI over Christmas.

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. Bled off csg press to 200 psi. Perf 5 runs w/3-1/8" csg gun as per prog. Final SICP 400 psi. S.I.

DEC 28 1977

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. Perf as follows: Run #1
4 holes/ft 13,403-412, 13,385-387, 13,337-41,
13,328-330. 17' perf & 68 holes. Run #2 - 4 holes/ft
13,310-12; 13,286-88; 13,268-72; 13,242-46; 13,231-34;
13,180-82 17' per'd 68 holes. Run #3 - 4 holes/ft
13,172-75; 13,089-101; 12,988-90; 12,975-78 20' perf'd
80 holes. Run #4 - 4 holes/ft 12,969-71; 12,946-49;
12,940-43; 12,930-32; 12,809-13 14' perf'd 56 holes.
Run #5 - 4 holes/ft 12,769-73; 12,709-12; 12,686-91;
12,676-78 14' perf'd 56 holes. Run #6 - 4 holes/ft
13,144-45; 13,058-49; 13,028-29; 13,005-006 4' perf'd
16 holes. Press before 300 psi, after 6 runs 400 psi.
SI. 12 hr SICP 750 psi. Run #7 - 4 holes/ft 12,912-
13; 12,905-906; 12,834-35; 12,822-23; 12,786-87;
12,735-36; 12,725-26; 12,657-58; 12,649-50 9' perf'd
36 holes. Press after Perf 750 psi. Total 380 holes in
95'. RIH w/Bkr Model FA pkr. Set @ 12,590'. Pumped
100 bbls wtr down csg, well dead. RIH w/tbg, latched
into pkr, spaced out. Released from pkr & pulled 1
stand. Well blew in. Circ clean. Filled backside
w/wtr. Press tbg to 6000 psi, K.O. plug blew out.
Pumped standing valve down. Press'd tbg to 2000 psi
bled off. Press'd tbg to 7000 psi. Bled off to 4800 psi
in 10 min. SI. DEC 29 1977

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

DEC 30 1977

TD 13,919. PB 13,820. CP 0 psi. TP 0 psi.
Pumped 100 bbls wtr down csg. Pulled 20 stands tbg
wet. Tested tbg to 6500 psi, bled to 4500 psi in 1
min. Latched onto standing valve, filled csg w/wtr.
POOH. Pulled 9000' tbg. Pumped 10 bbls wtr & dropped
standing valve. Press tbg to 5000 psi, bled to 3500
psi in 1 min. Pulled 5 stands, found bad collar.
Press tbg to 5000 psi, bled off to 4000 psi in 1 min.
Pulled tbg. Press tested standing valve to 5000 psi,
ok. Ran 2000'. SI.

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

JAN 3 1978

TD 13,919. PB 13,820. CP 0 psi. TP 50 psi. Pumped
100 bbl wtr down csg. Pulled tbg. RIH w/standing
valve. Ran 10 stands & tbg. Tested tbg to 6500 psi,
held ok. Ran 10 stands, tested to 6500 psi, ok.
Ran 3 stands, press to 6500 psi. Bled off to 4000
psi in 1 min, 1 collar leaked. Press tested tbg to 6500
psi, ok. Ran 86 stands, tested to 6000 psi, bled
to 5500 in 5 min. Pulled 40 stds, well kicked out of
tbg. SI. Pumped 60 bbls prod wtr down annulus,
circ well, well dead. Tested tbg - 60 stands to 7000
psi for 10 min, ok. Ran 5 stands, tested to 7000 psi.
Tbg press dropped to 0. SI

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. CP 500 psi; bled to pit. Pmp'd
150 BW down csg. Pulled 40 stds & found 1 split jt. Ran
20 stds & press tested to 7000 psi, held ok. Ran 20 stds
& press tested to 7000 psi, tbg leaked. Pulled 10 stds
& press tested to 7000 psi, tbg leaked. Pulled 5 stds &
press tested to 7000 psi, tbg leaked. Pulled 1 std &
found leak; 2 jts had bad threads. Press tested to 7000
psi, held ok. Ran 10 stds & press tested to 7000 psi,
held ok. Ran 10 stds & press tested to 7000 psi, held ok.
Ran 5 stds & SI overnight. Before each press test, csg
was filled w/wtr.

JAN 04 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. CP 500 i; bled to pit. Pmp'd 600 BW down csg. Press tested tbg in the hole to 7000 psi, held ok. Ran 10 stds & tested to 7000 psi, ok. Ran 20 stds & tested to 7000 psi, ok. Ran 20 stds & tested to 7000 psi, ok. Ran 20 stds & tested to 7000 psi, ok. Ran 20 stds & found 1 bad jt. PU 11 jts & tested to 7000 psi, ok. Removed BOP & landed tbg w/4000# tension. Installed 10,000 psi WH. MI&RU slickline trk. RIH w/fish'g tool & hit wax @ 3500'; unable to get thru. Est inj rate down csg of 4.3 B/M @ 1550 psi. Unable to get below 3500' w/wax knife. RD slickline & SD for night. Before each press test csg was filled w/wtr. Note: repl'd 7 collars & 11 stds in the prod string.
JAN 05 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. 1/5 TP 0 & CP 300 psi; bled csg to pit. Removed WH & installed BOP. Pmp'd 300 bbls hot wtr down csg. MI&RU slickline. RIH & hit wax @ 3450; unable to go deeper. Pmp'd 300 bbls hot wtr down csg & started to get circ. Pmp'd another 150 bbls hot wtr & circ'd tbg clean. RIH w/slickline & retrieved SV; RD slickline trk. Latched into pkr & set tbg w/4000# tension. Pmp'd 50 BW down tbg. Removed BOP & installed & tested 10,000# WH. MI&RU BJ & press tested sfc lines to 10,000 psi. Mixed 18 bbls gel & added 2000# acid flakes & started pmp'g down csg @ 3 B/M w/2500 psi. Pmp'd 833 bbls 7-1/2% HCl acid as per prog. Pmp'd 2000 gals acid, then started drop'g 1 7/8" RCN ball sealer every 2 bbls (total of 393 balls). Max press 8000 psi, min 6000, avg 7200. Max rate 15.5 B/M, min 9, avg 14. ISIP 4400 psi, 5 mins 3770, 10 mins 3250, 15 mins 2950. Flushed w/100 bbls prod wtr. Pmp'd 5 bbls diesel into WH & SI for night. Note: held 2500 psi on csg thruout job & when flakes hit, perf rate drop'd to 1 B/M. No indication of communication from perfs on the backside.

JAN 06 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. 1/6 FL @ 1600'. Swb'd 90 BW & acid wtr. FL @ 2000'. Well would not flw. Loaded tbg w/100 bbls prod wtr, removed tree & installed 6" BOP. Unstung from pkr & POOH to 4000'. 1/7 Circ'd out gas @ 4000' & POOH. Ran new seal assy, 39 jts 2-7/8 tbg, Bkr FH pkr. Set top of hydrostatic pkr @ 11,369. Landed tbg w/5000# tension on btm Bkr FA30 pkr @ 12,370. Ran 9 gas mndrls as per prog @ 11,325, 10,754, 10,152, 9550, 8947, 8720, 7053, 5290 & 2868. Removed BOP & installed 5000# tree. Hooked up flwline & SD for night. 1/9 RD.

JAN 09 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. Gauge not available.

JAN 10 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 20-hr test 1/8, gas lifted 60 BO, 221 BW, 251 MCF gas w/1268 psi inj press. On 24-hr test 1/9, gas lifted 67 BO, 372 BW, 617 MCF gas w/1268 psi inj press.
JAN 11 1978

Shell-Amerada Hess-
Ute 1-35A3
(CO, Perf & Stim)

TD 13,919. PB 13,820. On 24-hr test, gas lifted 47 BO, 276 BW, 638 MCF gas w/1175 psi inj press.

JAN 12 1978

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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

Form approved.
Budget Bureau No. 42-R1424.

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2270' FSL & 2554' FEL Section 35

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6132 KB

5. LEASE DESIGNATION AND SERIAL NO.
Tribal 14-20-H62-1804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME
Altamont

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-35A3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/4 SE/4 Section 35-T1S-R3W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

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

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

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

See attachment

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

SIGNED R. Plaudy TITLE Div. Opers. Engr. DATE 3/20/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah O&GCC w/attach for info

*See Instructions on Reverse Side

PLUG BACK, PERFORATE & ACIDIZE

ALTAMONT

SHELL-AMERADA HESS

LEASE UTE

WELL NO. 1-35A3

DIVISION WESTERN

ELEV 6132 KB

FROM: 1/22 - 3/19/79

COUNTY DUCHESNE

STATE UTAH

UTAH

ALTAMONT

Shell-Amerada Hess-

Ute 1-35A3

(PB, Perf & Acdz)

JAN 22 1979

"FR" TD 13,919. PB 13,786. AFE 575676 provides funds to plugback, perf & acdz. Well is currently avg 5 BO, 323 BW & 295 MCF Gas/day. 1/18 MIRU WOW #19. Pmp'd 150 BW & press incr'd to 2,000 psi. Pmp'd 100 BW dn tbg & press incr'd to 2500 psi. Bled tbg to pit; blowing gas & wtr. SION.

Shell-Amerada Hess-

Ute 1-35A3

(PB, Perf & Acdz)

JAN 23 1979

TD 13,919. PB 13,786. 1/19 CP & TP 0 psi. Installed 6" BOP's. Pulled 25,000# over the weight of the tbg & 7" FA pkr came free. Pulled 8 stds & backside started blw'g gas. Circ'd 700 BW before csg & tbg died. POOH & LD gas mandrels. 1/20 Set Bkr D-1 plug in FA-1 pkr @ 12,590 & pkr @ 12,560. Tested plug to 3000 psi, ok. Released 5" ret pkr & spot'd 2 sx sd on top of plug. Reset pkr & let backside bleed dn. Released pkr & POOH.

Shell-Amerada Hess-

Ute 1-35A3

(PB, Perf & Acdz)

JAN 24 1979

TD 13,919. PB 13,786. 1/22 CP 300 psi. OWP perf'd w/ 3-1/8" csg gun, 3 grm chrgs w/3 shots/ft @ 120 deg phasing as folls: Run #1 - 12,532, 528, 513, 495, 465, 457, 436, 433, 428, 426, 413, 397, 375, 352, 328. Perf'd 15', 45 holes w/FL @ 1800'. Run #2 - 12,324, 316, 300, 283, 277, 269, 263, 256, 248, 242, 239, 229, 225, 220, 211. Perf'd 15 ft, 45 holes w/FL @ 1700'. Run #3 - 12,207, 191, 185, 178, 147, 144, 128, 116, 097, 091, 086, 069, 063, 054, 047. Perf'd 15 ft, 45 holes w/FL @ 1600'. Run #4 - 12,031, 027, 008, 11,997, 991, 987, 982, 972, 960, 938, 918, 915, 908, 904, 897. Perf'd 15 ft, 45 holes w/ FL @ 1500'. Run #5 - 11,890, 881, 879, 873, 855, 841, 828, 825, 814, 810, 803, 786, 776, 770, 761. Perf'd 15 ft, 45 holes w/ FL @ 1400'. Run #6 - 11,747, 743, 739, 731, 727, 720, 717, 713, 708, 705, 693, 683, 678, 671, 666. Perf'd 15 ft, 45 holes w/FL @ 1300'. Total of 90 ft perf'd, 270 holes. RIH w/7" Bkr full bore pkr to 11,355 & pmp'd 100 bbls hot wtr. Set pkr. Tested csg to 2500 psi, ok. Tested tbg to 6500 psi, ok. SION.

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
JAN 25 1979

TD 13,919. PB 13,786. 1/23 instal'd 10,000# WH. Dowell
AT gross perfs 11,666-12,532. Pmp'd 29,000 gals 7½% HCl,
300 ball sealers & 4,000# BAF. Max press 9000 psi, min
600, avg 8000. Max rate 15 B/M, min 12, avg 13-1/2.
Flushed w/95 bbls prod wtr. ISIP 5000 psi, 5 mins 4400
psi, 10 mins 4200 psi & 15 mins 4000. Held 3000 psi
on backside thruout job w/no communication across pkr.
OWP ran GR from 12,448-11,250. Most perfs took treatment.
Flw'd wtr to pit on a 32/64" chk w/100 psi TP for 1 hr;
press dropped to 0 psi. Flw'd approx 100 BW to pit. SION.

Shell-Amerada Hess -
Ute 1-35A3
(PB, Perf & Acdz)
JAN 26 1979

TD 13,919. PB 13,786. 1/24 TP 25 psi. Pmp'd 50 BW dn
tbg. Removed 10,000# WH & released pkr @ 11,355.
Started blw'g gas & oil pmp'd dn csg; tbg started blw'g.
RIH w/Bkr full bore pkr & 10 gas mandrels & set pkr @
11,362. Turned well over to prod. Gas lifting.

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. Gauge not available.
JAN 29 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. 1/25 Well SI.
JAN 30 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. 1/26 Well SI. On 24-hr test 1/27
prod 539 BO, 1336 BW & 945 MCF Gas w/250 psi FTP.
JAN 31 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 1/28 prod
347 BO, 665 BW & 339 MCF Gas w/150 psi FTP.
FEB 1 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 1/29 prod 547 BO,
741 BW & 1676 MCF Gas w/150 psi FTP. FEB 2 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 1/30 prod 532 BO,
610 BW & 1039 MCF Gas w/150 psi FTP.
FEB 5 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
FEB 6 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
1/31	24	579	989	1249	1028	150
2/1	24	468	781	772	606	140

Shell-Amerada Hess-
Ute 1-35A3 **FEB 7 1979**
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
2/2	24	515	826	1442	942	100
2/3	24	381	324	709	531	100

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/4 gas lifted
526 BO, 455 BW, 914 gas prod, 626 gas inj w/100 TP.
FEB 8 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/5 gas lifted
576 BO, 486 BW, 1522 gas prod, 1117 gas inj w/100 TP.
FEB 9 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/6 gas lifted
373 BO, 163 BW, 1213 gas prod, 896 gas inj w/100 TP.
FEB 12 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
2/7	24	246	735	925	651	100
2/8	24	385	413	703	417	125
2/9	19	229	298	598	427	900

FEB 13 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/10, gas lifted:
294 BO, 551 BW, 210 Gas Prod & 28 Gas Inj w/100 psi TP.
FEB 14 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/11, gas lifted
313 BO, 986 BW, 755 Gas Prod, 591 Gas Inj w/100 psi TP.
FEB 15 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/12, gas lifted
297 BO, 480 BW, 778 Gas Prod, 591 Gas Inj w/100 psi TP.
FEB 16 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/13, gas lifted
409 BO, 135 BW, 1149 Gas Prod, 844 Gas Inj w/100 psi TP.
FEB 20 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
FEB 21 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
2/14	24	369	649	1415	1045	100
2/15	13	282	198	528	405	100
2/16	24	260	614	977	756	100
2/17	24	295	659	990	745	150
2/18	24	162	645	1087	714	100

Shell-Amerada Hess-
Ute 1-35A3 FEB 22 1979
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/19, gas lifted
358 BO, 1038 BW, 964 Gas Prod, 805 Gas Inj w/100 TP.

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/20, gas lifted
317 BO, 143 BW, 883 Gas Prod, 682 Gas Inj w/1144 TP.
FEB 23 1979

Shell-Amerada Hess-
Ute 1-35A3 FEB 26 1979
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/21, gas lifted
360 BO, 266 BW, 576 Gas Prod, 490 Gas Inj w/100 TP.

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. Gauge not available.
FEB 27 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/22 gas lifted
216 BO, 927 BW, 563 Gas Prod, 422 Gas Inj'd w/100 TP.
FEB 28 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
MAR 1 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

Rept Date	Hrs	BO	BW	Gas Prod	Gas Inj	Press
2/23	24	253	933	867	540	150
2/24	24	389	413	535	535	100

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On On 24-hr test 2/25, gas lifted:
620 BO, 595 BW, 778 Gas Prod, 575 Gas Inj w/90 psi TP.
MAR 2 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/26, gas lifted:
433 BO, 338 BW, 916 Gas Prod, 550 Gas Inj w/100 psi TP.
MAR 5 1979

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ent
s for
gas

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 2/27, gas lifted:
499 BO, 315 BW, 1159 Gas Prod, 762 Gas Inj w/100 psi TP.
MAR 6 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
MAR 7 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
3/1	24	428	72	1069	615	100
3/2	24	247	79	912	493	100

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
MAR 8 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
3/3	24	331	317	942	762	100
3/4	24	369	381	1187	816	150

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
MAR 9 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
3/5	24	372	378	809	809	100
3/6	24	376	345	1171	709	130

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. On 24-hr test 3/7, gas lifted
383 BO, 407 BW, 970 Gas Prod & 748 Gas Inj w/110 psi TP.
MAR 12 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. Gauge not available.
MAR 13 1979

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
MAR 14 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
3/8	24	384	360	1296	808	110
3/9	24	364	332	946	605	100
3/10	24	374	114	1271	754	100

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)
MAR 15 1979

TD 13,919. PB 13,786. On various tests, gas lifted:

<u>Rept Date</u>	<u>Hrs</u>	<u>BO</u>	<u>BW</u>	<u>Gas Prod</u>	<u>Gas Inj</u>	<u>Press</u>
3/11	24	415	365	1209	749	200
3/12	24	391	114	1140	767	180

Shell-Amerada Hess-
Ute 1-35A3
(PB, Perf & Acdz)

TD 13,919. PB 13,786. Gauge not available.
MAR 16 1979

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

P

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
SHELL OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. Box 831 Houston, TX 77001 ATTN: P.G. GELLING
RM. # 6461 WCK

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
2270' FSL + 2554' FEL SEP. 35

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6132' KB

5. LEASE DESIGNATION AND SERIAL NO.
TRIBAL 14-20-H62-1804

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE INDIAN TRIBE

7. UNIT AGREEMENT NAME
ALTAMONT

8. FARM OR LEASE NAME
UTE

9. WELL NO.
1-35A3

10. FIELD AND POOL, OR WILDCAT
ALTAMONT

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
NW/4 SE/4 T15 R3W

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

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

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

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

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

SEE ATTACHED

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

DATE: 8-10-81
BY: [Signature]

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

SIGNED [Signature] TITLE DIVISION PRD. ENGINEER DATE 7-30-81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

REMEDIAL PROGNOSIS
UTE 1-35A3
SECTION 35, T1S, R3W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's Share: 50%

Elevation (KB): 6132'

Elevation (GL): 6101'

TD: 13,919'

PBTD: 13,820' (5" Baker Model "FA-1" w/D-1 packer plug at 12,590').

Casing: 13-3/8", 68#, K-55 to 310'; 9-5/8", 40#, K-55 to 6757'; 7", 26#, S-95 to 11,649'.

Liner: 5", 18#, 500-95 and N-80; top at 11,421'; bottom at 13,911'.

Tubing: 2-7/8", EUE, 6.5#, N-80 to 11,355'.

Packer: 7" Baker fullbore at 11,355'.

Perforations: 11,666'-12,532' (316 holes) PB: 12,649'-13,794' (408 holes)

Artificial Lift: Gas lift

Objective: CO₂ perforate and stimulate the Wasatch

Procedure:

1. MIRU. Load hole with clean produced water. Remove tree. Install and test BOPE as per field specs.
2. POOH with tubing and 7" fullbore packer at 11,355'.
3. RIH with bit or mill and CO 5" liner to 12,580'±.
4. RIH with a 5" fullbore packer on tubing and set at 11,550'±. Test tubing to 6500 psi.
5. Acid treat perms 11,666'-12,532' (316 holes) with 15,000 gallons of 7-1/2% HCL as follows:
 - a. Pump 1000 gallons 7-1/2% HCL.
 - b. Pump 4000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G) every 40 gallons.
 - c. Pump 1000 gallons acid containing 1000# benzoic acid flakes.
 - d. Repeat Step (b) two more times and Step (c) one more time for a total of three stages acid and two of diverting material (total 15,000 gallons acid and 300 ball sealers).
 - e. Flush with 110 bbls of clean produced water.

Notes: 1. All acid and flush to contain six 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 three gallons C-15/1000 gallons HCL for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
 3. Maintain 2500 psi surface casing pressure during treatment if possible.
 4. Pumping rates: pump at maximum possible without exceeding 6400 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 PBD to 11,450'±.
 7. POOH with tubing and packer. RIH with 5" RBP and 5" fullbore packer. Set RBP at 11,650'±. Pressure test to 3000 psi. If okay, spot one sack of sand on plug (at field's discretion).
 8. Rig up perforators with lubricator (tested to 3000 psi) and perforate as follows:
 - a. Perforate using a 3-1/8" O.D. casing gun with DML Densi-Jet XIV (14.0 gram) charges at 120°F phasing.
 - b. Record and report wellhead pressure before and after each run.
 - c. Perforate (from bottom up) three shots per foot at depths shown on Attachment I. Depth reference is Schlumberger's CCL/CNL/GR dated 3-14-73.
 9.
 - a. If well can be controlled with water after perforating, run a 7" fullbore packer on tubing and set at ± 11,150'. Test tubing to 6500 psi.
 - b. If well cannot be controlled with water after perforating, lubricate in a 7" Model "D" packer (with flapper) and set at 11,150'. Run tubing, latch into packer and put well on production.
 10. Acid treat perfs 11,631'-11,248' (75 new) with 14,500 gallons of 7-1/2% HCL as follows:
 - a. Pump 1000 gallons 7-1/2% HCL.
 - b. Pump 3000 gallons acid, dropping one ball sealer (7/8" RCN with 1.2 S.G.) every 150 gallons.
 - c. Pump 500 gallons acid containing 500# benzoic acid flakes.
 - d. Repeat Step (b) three more times and Step (c) two more times for a total of four stages acid and three of diverting material (total 14,500 gallons acid and 80 ball sealers).
 - e. Flush with 110 bbls of clean produced water.

- Notes:
1. All acid and flush to contain six 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 three gallons C-15/1000 gallons HCL for four hours exposure at 210°F and the necessary surfactant (tested for compatibility with formation fluids).
 3. Maintain 2500 psi surface casing pressure during treatment if possible.
 4. Pumping rates: pump at maximum possible without exceeding 6500 psi differential pressure between tubing and annulus.
 5. Increase amount of diverting material if necessary to obtain a gradual increase in treating pressure and/or decrease in rate.
 6. Record ISIP and shut-in pressure decline for at least 20 minutes.

11. Run RA log from 5" RBP to 11,000'±.
12. a. If well flows, release rig and put on production. When well can be controlled with water, move in rig and proceed to Step 13.
b. If well does not flow, continue with Step 13.
13. a. If a 7" fullbore packer was used in Step 11, POOH with tubing and packer.
b. If a 7" Model "D" packer was used in Step 11, POOH with tubing and seals. RIH and mill out 7" Model "D".
14. Circulate sand (if necessary) and retrieve 5" RBP at 11,650'±. Proceed to Step 15.
15. RIH with tubing, GL mandrels and 7" packer. Set packer at 11,150'±. Install GL mandrels as shown in Attachment II.
16. Return well to production.
17. Report well tests on morning report until production stabilizes.

G. L. Thompson

Date

ATTACHMENT I

Depth reference is Schlumberger's CNL/CCL/GR dated 3-14-73.

11631
623
612
604
592
566
538
526
511
495
470
458
448
429
416
392
376
364
348
338
324
309
277
269
248

Total 75 perforations (3 JSPF at 25 depths).

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Shell Oil Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P.O. Box 831 Houston, Tx 77001 ATTN: P.G. GELLING RM. # 6459 WCK</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <u>2270' FSL + 2554' FEL Sec. 35</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. <u>TRIBAL 14-20-H62-1804</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>UTE INDIAN TRIBE</u></p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <u>UTE</u></p> <p>9. WELL NO. <u>1-35A3</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>ALTAMONT</u></p> <p>11. SEC., T., R., M., OR BLM. AND SURVEY OR ABBA <u>NW/4 SE/4 T1S R3W</u></p> <p>12. COUNTY OR PARISH <u>DUCHESSNE</u></p> <p>18. STATE <u>UTAH</u></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>6132' KB</u></p>	

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

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

RECEIVED

JAN 28 1982

DIVISION OF OIL, GAS & MINING

SEE ATTACHED

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

SIGNED [Signature] TITLE DIVISION PROD. ENGINEER DATE 1-21-82
W. F. N. KELDORF

(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 350
ISSUED 11/24/81

WELL: UTE 1-35A3
 LABEL: NEW WELL
 AFF: 517177
 FOREMAN: R.A. RODRIGUEZ
 RIG: WOV #19
 OBJECTIVE: C.O. PERF AND STIM
 AUTH. AMNT: 50000
 DAILY COST: 2400
 CUM COST: 2700
 DATE: 8-17-81
 ACTIVITY: 8-17-81 ACTIVITY: MIRU WOV#19. BLEED WELL TO TREATER
 02 PUMPED HOT PRODUCED WTR DOWN TBG. REMOVED X TREE
 03 INSTALLED BOPS UNSEATED 7 IN. BAKER FULL BORE @11355 FT.
 04 STARTED POOH W/TBG. SDON
 05 8-18-81 ACTIVITY: FINISHED POOH W/TBG AND 7 IN. PKR.
 06 RIH W/4 1/8 IN. MILL WONDER TOOL 2-7/8 FT. TBG TO CLEAN
 07 OUT 5 IN. LINER. CO TO 10550 FT. TOP OF FA-1 PKR.
 08 POOH W/TBG WONDER TOOL AND MILL RIH W/20 STDS OF TBG
 09 AND BAKER FULL BORE. SDON.

LABEL: 810820
 DAILY COST: 5525
 CUM COST: 10425
 DATE: 9-19-81
 ACTIVITY: FINISHED RIH W/5 IN. BAKER FULL BORE SET PKR @11528 IN.
 02 P.T. TBG TO 5500# CSG TO 2500# OK ATTEMPTED TO PULL S.V.
 03 UNABLE TO. RIH W/SAND PUMP AND SAND LINE RECOVERING
 04 SD. SAND PUMP CAME APART ON 2ND RUN POOH W/TBG AND
 05 5 IN. PKR TO GET S.V. AND SAND PUMP OUT. SDON

LABEL: 810831
 DAILY COST: 3650
 CUM COST: 44475
 DATE: 8-20-81
 ACTIVITY: 8-20-81 ACTIVITY: FINISHED POOH W/TBG AND 5 IN.
 02 PKR REC APPROX 5 GALS OF SAND SD PUMP AND S.U.
 03 RIH W 5 IN. BAKER FULL BORE PKR SET PKR @ 11528
 04 FT. FILLED BACK SIDE PRESSURE CHECKED TO 2500 OK
 05 TOOK BOPS OFF INSTALLED 10000 PSI FRACK TREE HO-
 06 OKED UP DOWELL ACIDIZED WELL WITH 15000 GALL. OF
 07 71/2% ACID 285 BALL SEALERS 2000 LBS BAF 110 BBD

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 11/24/81

08 OF FLUSH WTR MAX RATE 13.5 B/PM MIN RATE 11.0
09 B/PM AVG RATE 12.0 B/PM MAX PRESS 8300 PSI MIN PRESS
10 2500 PSI AVG PRESS 7000 PSI SIOP 3000 PSI 5 MIN 1300
11 PSI 10 MIN 500 PSI AFTER 10 MIN WELL WENT ON VACCUUM
12 RIG DOWELL DOWN SDON

LABEL: 810824

DAILY COST: 18550

CUM COST: 63075

DATE: 8-21-22-81

ACTIVITY: 8-21-81 ACTIVITY: RIG UP OWP RUN RA LOG FROM 12500 FT.

02 TO 11500 FT. LOG SHOWS GOOD TREATMENT RELEASE PKR

03 AND POOH WITH TBG AND PKR RIH WITH 5 IN. RBP SET RBP @

04 11650 FT. + OR - RIH WITH BALER AND SPOT 1 SACK OF SAND

05 ON 5 IN. RBP RIG DOWN OWP SDON

06 8-22-81 ACTIVITY: RIG UP OWP PERFORATED AS STATED

07 IN PROG 75 PERFS @ 25 DEPTHS 11531 FT. -11249 FT.

08 RIG DOWN OWP RIH WITH TBG AND 5 IN. FULLBORE PKR

09 TRIED TO SET PKR @ 11149 FT. BUT WOULD NOT SET PUL-

10 LED UP AND SET PKR @ 11100 FT. FILL BACKSIDE WITH

11 WTR AND PRESSURE TEST TO 2500 PSI REMOVE ROP AND

12 PUT ON 10000 PSI TREE READY FOR ACID JOB SDON

LABEL: 810925

DAILY COST: 34550

CUM COST: 93625

DATE: 8-24-81

ACTIVITY: 8-24-81 ACTIVITY: RIG UP DOWELL HELD SFTY MTG ACIDIZE

02 ACCORDING TO PROG MAX RATE 14.5 BPM AVG RATE 12 BPM

03 MIN RATE 8 BPM MAX PRES 8700 PSI AVG PRES 8000 PSI

04 MIN PRES 5300 PSI CSG 2500 PSI ISIP 4000 PSI 5 MIN

05 500 PSI 10 15 20 MIN 3 PSI ACID 348 BPL FLUSH110 BBL

06 TOTAL 458 BBL BALLS 80 BAF 1500 LBS RIG DOWN DOWELL

07 RU OWP RUN RA LOG FROM 11100-11650 FT. LOG SHOWS

08 GOOD TREATMENT IN ALL PERFS RIG DOWN OWP RELEASE

09 PKR POOH WITH AND 7 IN. PKR START IN HOLE WITH RE-

10 TRIEIVING TOOL AND TBG (5000 FT.) SDON

LABEL: -----

DAILY COST: 2850

CUM COST: 96175

DATE: 8-25-81

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 11/24/81

ACTIVITY: 8-25-81 ACTIVITY: FINISH RUNNING IN HOLE WITH
02 RETREIVING TOOL AND TBG. CIRCULATED WITH WTR DOWNHOLE
03 TO REMOVE SAND OFF OF 5 IN. RBP. CLEANED OUT SAND AND LATCHED
04 INTO RBP. RELEASE BP AND POOH. START IN HOLE WITH
05 7 IN. FULLBORE PKR-CAMECO MANDRELS AND TBG. 300N.

LABEL: LAST REPORT

DAILY COST: 1000

CUM COST: 97175

DATE: 8-24-81

ACTIVITY: 8-26-81 ACTIVITY: FINISH PUNNING IN HOLE WITH TBG.
02 6I MANDRELS AND 7 IN. FULLBORT PKR. SET PKR AT
03 11151 FT. HANG OFF TBG. REMOVE 30P AND PUT ON
04 4000# TREE. HOOKUP WH AND GAS LIET LINE. RIG
05 DOWN AND MOVE.

LABEL: 810828

DAILY COST: 810828

CUM COST: 97175

DATE: 8-28-81

ACTIVITY: 8-28-81 ACTIVITY: HRS 24-OIL 448-WTR 291-MCF GAS 961
02 CHOKE 45/64-FTP 200-CP 1120-INJ GAS 422

LABEL: 810831

DAILY COST: 810831

CUM COST: 97175

DATE: 8-28-29-30-81

ACTIVITY: 8-28-81 ACTIVITY: HRS 24-OIL 448-WTR 291-MCF GAS 961
02 CHOKE 45/64-FTP 200-CP 1120-INJ GAS 422
03 8-29-81 ACTIVITY: HRS 24-OIL 466-WTR 304-MCF GAS 1201
04 CHOKE 45/64-FTP 200-CP 1180-INJ GAS 471
05 8-30-81 ACTIVITY: 24 HRS-OIL 345-WTR 282-MCF GAS 865
06 CHOKE 40/64-FTP 200-CP 1180-INJ GAS 442

LABEL: 810901

DAILY COST: 810901

CUM COST: 97175

DATE: 8-31-81

ACTIVITY: 8-31-81 ACTIVITY: HRS 24-OIL 300-WTR 332-MCF GAS 939
02 CHOKE 40/64-FTP 250-CSG 1200-INJ GAS 793

LABEL: 810908

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 350
ISSUED 11/24/81

DAILY COST: 97175
CUM COST: 97175
DATE: 8-31-81 AND 9-1-81
ACTIVITY: 8-31-81 ACTIVITY: HRS 24-OIL 300-WTR 532-MCF GAS 939
02 CHOKF 40/64-FTP 250-CSG 1200-INJ GAS 793
03 9-1-81 ACTIVITY: HRS 24-OIL 153-WTR 223-MCF GAS 904

LABEL: 810914
DAILY COST: 810914
CUM COST: 97175
DATE: 9-2-81
ACTIVITY: 9-2-81 ACTIVITY: HRS 24-OIL 156-WTR 203-MCF GAS 890
02 CHOKF 64/64-FTP 300-CSG 1200-INJ GAS 516
03 9-3-81 ACTIVITY: HRS 24-OIL 159-WTR 214-MCF GAS 915
04 CHOKF 64/64-FTP 300-INJ GAS 485-CSG 1200

MONTHLY OIL AND GAS PRODUCTION REPORT

Duchesne

Operator name and address:

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

211046

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

Operator name change

Utah Account No. N0840

Report Period (Month/Year) 8 / 84

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
MURDOCK 1-3485 4301330230 01786 02S 05W 34	WSTC	31	1800	1010	381
JENKINS 1-183 4301330175 01790 02S 03W 1	GR-WS	31	1719	2905	8117
YOUNG ETAL 1-2984 4301330246 01791 02S 04W 29	WSTC	31	768	0	4270
BROADHEAD 1-3285 4301330221 01795 02S 05W 32	WSTC	18	219	0	70
UTE 1-2884 4301330242 01796 02S 04W 28	WSTC	30	486	1169	3601
TRIBAL 1-35A3 4301330181 01800 01S 03W 35	WSTC	31	2846	2175	5066
MURDOCK 1-2585 4301330247 01801 02S 05W 25	WSTC	20	341	0	1312
HANSON TRUST 1-08B3 4301330201 01805 02S 03W 8	GR-WS	0	0	0	0
BURTON 1-1685 4301330238 01806 02S 05W 16	WSTC	19	964	2585	5166
DOYLE 1-10B3 4301330187 01810 02S 03W 10	WSTC	5	224	662	421
MEAGHER EST 1-04D2 4301330313 01811 02S 02W 4	WSTC	31	1818	3214	3937
SHELL UTE 1-2885 4301330179 01815 02S 05W 28	GR-WS	0	0	0	0
MEAGHER TRBL 1-09B2 4301330325 01816 02S 02W 9	WSTC	31	945	909	3214
TOTAL			12130	14629	35555

007 - 2

TOTAL

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

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



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

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. NO235

Report Period (Month/Year) 11 / 87

Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
JENKINS 1-1B3 4301330175 01790 02S 03W 1	GR-WS				
YOUNG ETAL 1-29B4 4301330246 01791 02S 04W 29	WSTC				
JENKINS #2-1B3 4301331117 01792 02S 03W 1	WSTC				
BROADHEAD 1-32B5 4301330221 01795 02S 05W 32	WSTC				
UTE 1-28B4 4301330242 01796 02S 04W 28	WSTC				
UTE TRIBAL 1-35A3 4301330181 01800 01S 03W 35	WSTC				
MURDOCK 1-25B5 4301330247 01801 02S 05W 25	WSTC				
HANSON TRUST 1-08B3 4301330201 01805 02S 03W 8	GR-WS				
BURTON 1-16B5 4301330238 01806 02S 05W 16	WSTC				
DOYLE 1-10B3 4301330187 01810 02S 03W 10	GR-WS				
SHELL UTE 1-28B5 4301330179 01815 02S 05W 28	GR-WS				
RUDY 1-11B3 4301330204 01820 02S 03W 11	WSTC				
SHELL UTE 1-36A3 4301330263 01821 01S 03W 36	WSTC				
TOTAL					

Comments (attach separate sheet if necessary) _____

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

Authorized signature _____ Telephone _____



ANR 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

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

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

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

Very truly yours,

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

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

CC: AWS

CTE:mmw

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ANR Limited Inc.

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

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

14. PERMIT NO.
43-013-30181

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

RECEIVED
DEC 31 1986

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Ute 1-35A3

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SUBST OR AREA
Sec. 35 1/2 34

12. COUNTY OR PARISH
Duchesne

13. STATE

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

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

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

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

SIGNED Don K. Nelson TITLE Dist. Land Mgr. DATE 12/24/86

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ANR Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NW/SE of Section 35 T1S, R3W

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-1302

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute 1-35A3 Battery

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH; STATE
Duchesne Utah

14. PERMIT NO.
43-013-30181

15. ELEVATIONS (Show whether SV, RT, OR, OR.)

16. 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"/>	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) _____	Site facility diag. <input type="checkbox"/>

(Other) _____

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

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

See attached site facility diagram for the Ute 1-35A3 Battery located in the NE/SE of Section 35, T1S, R3W. The following wells make up this battery:

- Ute 1-35A3 Battery
- Ute 1-35A3 Well
- Ute 1-25A3 Well
- Ute 1-26A3 Well

Refer to INC. #06 issued on 11-9-80 with extension given by Boudreaux.

OIL AND GAS	
DRN	RJF
JR3	GLH
DTS	SLS
1- MICROFILM <input checked="" type="checkbox"/>	
0- FILE <input type="checkbox"/>	

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

SIGNED Brenda W. Swank TITLE Regulatory Analyst DATE 12-6-89

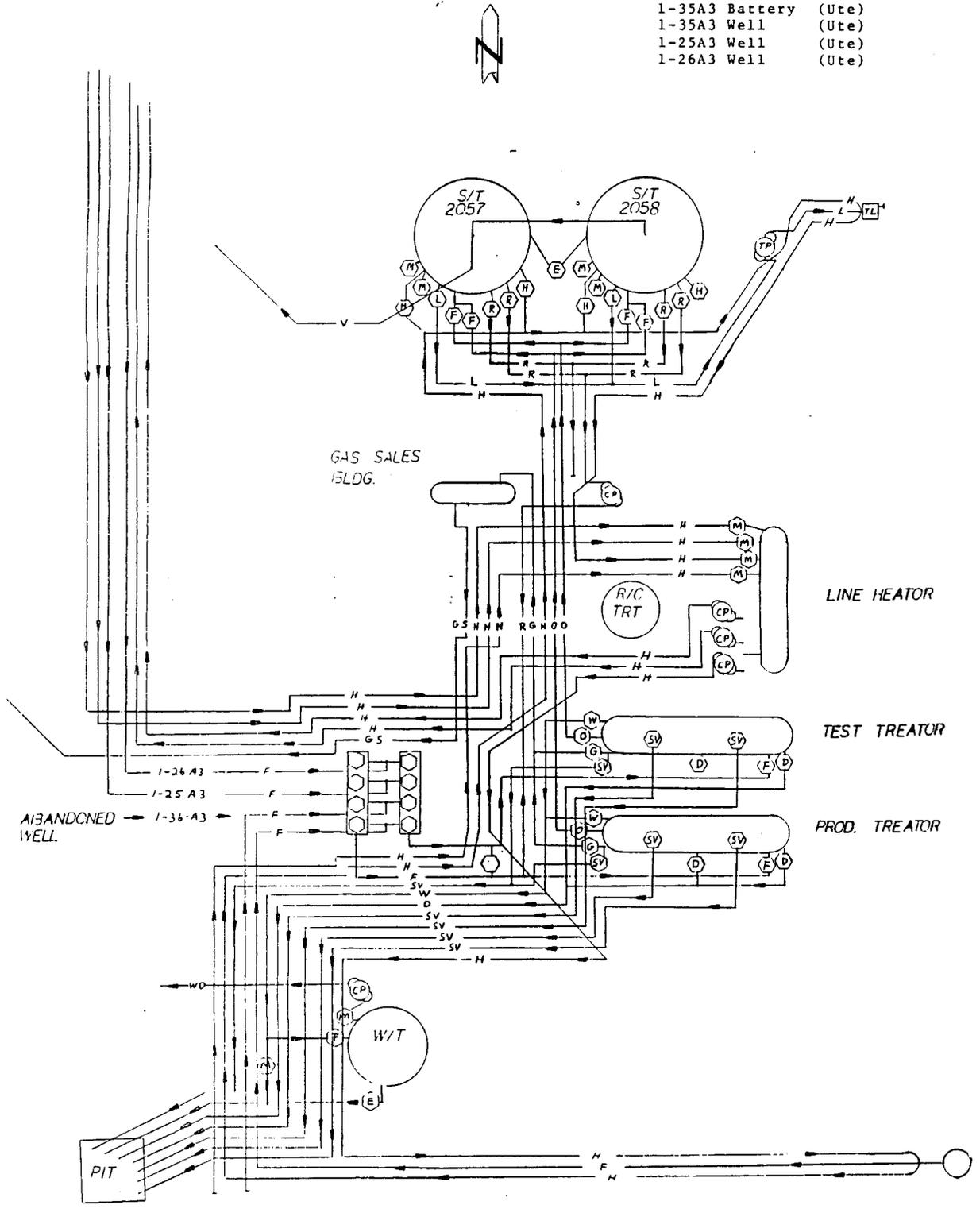
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

- 1-35A3 Battery (Ute)
- 1-35A3 Well (Ute)
- 1-25A3 Well (Ute)
- 1-26A3 Well (Ute)



Valve positions on oil production tank being sold during sales phase.

- M= misc. valve, closed
- H= Heat valve, open or closed
- L= Load valve, closed except when trucks are loading
- F= Fill valve, closed
- R= Recycle valve, closed
- E= Equalizer valve, closed

Valve positions on oil production tank during production phase.

- M= misc. valve, closed
- H= Heat valve, open or closed
- L= Load valve, closed
- F= Fill valve, open
- R= Recycle valve, open or closed
- E= Equalizer valve, open

M. S. 12-1-89

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED
OCT 15 1990
DIVISION OF
OIL, GAS & MINING

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 ANR Production Company

3. Address and Telephone No.
 P. O. Box 749, Denver, Colorado 80201-0749 (303) 575-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 2270' FSL & 2554' FEL (NW/SE)
 Section 35, T1S-R3W

5. Lease Designation and Serial No.
 14-20-H62-1802

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

7. If Unit or CA, Agreement Designation
 N/A

8. Well Name and No.
 Ute #1-35A3

9. API Well No.
 43-013-30181

10. Field and Pool, or Exploratory Area
 Altamont/Wasatch

11. County or Parish, State
 Duchesne

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Fish prod. eqpt., swedge out, acidize</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

Please see attached procedure to fish production equipment, swedge out and acidize the above-referenced well.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10-28-90
BY: [Signature]

**Federal approval of this action
is required before commencing
operations.**

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

Signed Kileen Danni Day Title Regulatory Analyst Date October 8, 1990
(This space for Federal or State office use)

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

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

PROCEDURE TO FISH PRODUCTION EQUIPMENT.
SWEDGE OUT AND ACIDIZE

Ute #1-35A3
Section 1, T2S, R5W
Duchesne County, Utah

WELL DATA

Location: NW/SE Section 35, T1S, R3W
Elevation: 6132' KB
Total Depth: 13,919' PBD: 13,786'
Casing: 13-3/8" 68# K-55 @ 310'
9-5/8" 40# K-55 @ 6757'
7" 26# & 29#, S-95, CF-95 @ 11,649'
5" 18# N-80 & S00-95 liner from 11,421-13,911'
Tubing: 2-7/8" 6.5# 8rd N-80 @ 11,195'
TAC @ 10,507', TSN @ 10,403'
Pump: Hyland 2-1/2" x 1-1/2" x 24' x 26' RHBC
Perfs: 11,248'-13,794' Wasatch (778 holes)

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity, B/F</u>	<u>Burst, PSI</u>	<u>Collapse, PSI</u>
9-5/8" 40# K-55	8.835"	8.679"	0.0758	3950	2570
7" 26# S-95 & CF-95	6.276"	6.151"	0.0382	8600	7800
7" 29# S-95	6.184"	6.059"	0.0371	9690	9200
5" 18# N-80	4.276"	4.151"	0.0177	10140	11880
5" 18# S00-95	4.276"	4.151"	0.0177	12040	11880
2-7/8" 6.5# N-80	2.441"	2.347"	0.0057	10570	11160

Present Status: FA-1 packer @ 12,590'. Shut in 9/21/90.

PROCEDURE

1. MIRU service rig. PU & RIH with left hand rods. Latch onto rods and fish rods. POOH, laying down recovered 3/4" rods. Continue procedure until all rods and pump are recovered.
2. MIRU Dialog. Check fluid level with wireline. Free point tubing and cut tubing @ $\pm 7150'$. Attempt to pull tubing above the cut. If unable to pull out of tight spot recut at $\pm 6500'$. POOH with tubing above cut.
3. PU 5" overshot with 2-1/2" grapple, jars, bumper sub and drill collars on 2-7/8" tubing and TIH. Latch onto fish at 6500'. Recover fish and POOH laying down fish.
4. Run casing inspection log. Repair casing as necessary. Pressure test to 2000 psi.
5. PU 5" overshot with 2-1/2" grapple, jars, bumper sub and drill collars on 2-7/8" tubing and TIH. Latch tubing stub at 7150' and release tbg anchor. POOH laying down fish.
6. Clean out 5" liner to top of packer at 12,590'. POOH.

Workover Procedure
Ute #1-35A3
Page Two

7. PU 5" x 2-3/8" packer, 2-3/8" and 3-1/2" tubing and TIH setting packer @ 11,150'.
8. Acidize Wasatch perms 11,248-12,740' with 12,000 gals 15% HCl with additives and 600 1.1 s.g. ball sealers.
 - A. Precede acid w/250 bbls water with 10 gals per 1000 scale inhibitor and 500 gals Xylene.
 - B. All water to contain 3% KCl.
 - C. Acidize in 4 stages of 3000 gals each with diverter stages of 1000 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
9. Flow back until pH \geq 5.0. Unseat packer and POOH laying down packer, 2-3/8" and 3-1/2" tubing.
10. Rerun production equipment.
11. Return well to production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED
NOV 16 1990

DIVISION OF
OIL & GAS
(309) 579-4476

5. Lease Designation and Serial No.
14-20-H62-1802

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

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Ute #1-35A3

9. API Well No. *POW*
43-013-30181

10. Field and Pool, or Exploratory Area
Altamont/Wasatch

11. County or Parish, State
Duchesne, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
ANR Production Company

3. Address and Telephone No.
P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2270' FSL & 2554' FEL (NW/SE)
Section 35, T1S-R3W

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

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

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

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

See attached chronological report for the work performed on the above-referenced well.

11/27/90 - attachment cannot be located. Not sure if rec'd w/sundry or not, dje.

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

Signed Eileen Damm Day Title Regulatory Analyst Date 11-9-90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

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

OPERATOR: ANR PRODUCTION COMPANY INC LEASE: INDIAN
WELL NAME: UTE TRIBAL 1-35A3 API: 43-013-30181
nw/SE SEC/TWP/RNG: 35 01.0 S 03.0 W CONTRACTOR:
COUNTY: DUCHESNE FIELD NAME: BLUEBELL

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLLUTION CNTL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT *	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> MARKER	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> REHAB	<input type="checkbox"/> OTHER
---------------------------------	---------------------------------------	--------------------------------	--------------------------------

PRODUCTION:

<input checked="" type="checkbox"/> WELL SIGN	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> EQUIPMENT *	<input checked="" type="checkbox"/> FACILITIES*
<input checked="" type="checkbox"/> METERING *	<input checked="" type="checkbox"/> POLLUTION CNTL	<input checked="" type="checkbox"/> PITS	<input checked="" type="checkbox"/> DISPOSAL
<input checked="" type="checkbox"/> SECURITY	<input checked="" type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input checked="" type="checkbox"/> SOLD	<input checked="" type="checkbox"/> LEASE USE
--	--	---

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED: Loc, WH, P, 400 GGL disposal tank pit

REMARKS: low y well produces to UTE AMERADA Battery 1-35A3
Township designation reads 15 should be 15 on loc sign

ACTION: check accuracy of loc sign

INSPECTOR: JWH

DATE: 10/30/00 11:49A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED
JAN 22 1991

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2270' FSL & 2554' FEL (NW/SE)
Section 35, T1S-R3W

5. Lease Designation and Serial No.
14-20-H62-1802

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute 1-35A3

9. API Well No.

43-013-30181 *pow*

10. Field and Pool, or Exploratory Area

Altamont/Wasatch

11. County or Parish, State

Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>NTL-2B, II Application</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

ANR Production Company hereby requests permission to dispose of produced water from the above-referenced well under NTL-2B, II "Disposal in the Subsurface." The produced water from the Ute 1-35A3 flows into a steel tank equipped with a high level float switch which shuts the well in if the tank becomes overloaded. The produced water is then pumped into ANR's underground SWD facilities.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 1-25-91

By: [Signature]

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

Signed

[Signature]
Barteen Dammey

Title

Regulatory Analyst

Date

1-17-91

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Date

Conditions of approval Action is Necessary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
FEB 04 1991

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2270' FSL & 2554' FEL (NW/SE)
Section 35, T1S-R3W

5. Lease Designation and Serial No.

14-20-H62-1802

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-35A3

9. API Well No.

43-013-30181 *POW*

10. Field and Pool, or Exploratory Area

Altamont/Wasatch

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other NL2B, VI

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

ANR Production Company requests permission to construct an unlined emergency pit to replace the existing emergency pit on the above-referenced location. The existing emergency pit is currently being reclaimed and will no longer be used. The proposed emergency pit will be 25' x 25' x 5' and will be used for emergency discharge of fluids.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 2/6/91

By: [Signature]

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

Signed

[Signature]
K. Lynn Smith, Reg

Title

Regulatory Analyst

Date

1-31-91

(This space for Federal or State office use)

Approved by

Federal Approval of this

Title

Conditions of approval

Action Is Necessary

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

FEB 07 1991

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 ANR Production Company

3. Address and Telephone No.
 P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 See attached list

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 See attached list

9. API Well No.
 43-013-

10. Field and Pool, or Exploratory Area
 Altamont

11. County or Parish, State
 Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>NTL-2B Extension</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

ANR Production Company, as operator of 19 BLM regulated emergency pits in the Altamont/Bluebell field, (see attached list) respectfully requests an extension for the NTL-2B application dated February 23, 1990. This application requested a variance to NTL-2B Section VI, "Temporary Use of Surface Pits."

ANR's intention was to recover waste fluid from these pits, clean up crude contaminated soils, recontour the emergency pits and then install 500 BBL steel capture vessels for emergency fluids.

ANR has removed the waste fluid from these pits, but we are currently evaluating the most effective method of pit cleanup. After this is accomplished the 500 BBL steel capture vessels will be installed. We will keep you apprised of our status on these emergency pits.

We apologize for our delay in completing this project, however the costs and complexity of proper reclamation has required more time than anticipated. Thank you for your patience and understanding on this matter.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

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

Signed: [Signature] Title: Regulatory Analyst

(This space for Federal or State office use)

Approved by: [Signature] Title: _____

Conditions of approval, if any: Federal Approval of this Action is Necessary

Date: 2/19/91
By: [Signature]

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

<u>WELL NAME</u>	<u>WELL LOCATION</u>	<u>LEASE #</u>	<u>CA #</u>	<u>API #43-013</u>	<u>TRIBE NAME</u>
Ute #1-35A3	Sec. 35, T1S-R3W	14-20-H62-1802	N/A	30181 <i>pow</i>	Ute
Ute #1-6B2	Sec. 6, T2S-R2W	14-20-H62-1807	N/A	30349	Ute
Ute Tribal #2-33Z2	Sec. 33, T1N-R2W	14-20-H62-1703	9C140	31111	Ute
Ute Tribal #1-33Z2	Sec. 33, T1N-R2W	14-20-H62-1703A	9C140	30334	Ute
Ute #1-34A4	Sec. 34, T1S-R4W	14-20-H62-1774	9640	30075 ⁶	Ute
Ute #1-36A4	Sec. 36, T1S-R4W	14-20-H62-1793	9642	30069	Ute
Ute #1-20B5	Sec. 20, T2S-R5W	14-20-H62-2507	9C000143	30376	Ute
Ute #1-21C5	Sec. 21, T3S-R5W	14-20-H62-4123	UTO80I49-86C699	30448	Ute
Ute Tribal #1-28B4	Sec. 28, T2S-R4W	14-20-H62-1745	9681	30242	Ute
Monsen #1-27A3	Sec. 27, T1S-R3W	UTU-0141455	NW581	30145	N/A
Ute #2-31A2	Sec. 31, T1S-R2W	14-20-H62-1801	N/A	31139	Ute
Ute Tribal #1-31Z2	Sec. 31, T1N-R2W	14-20-H62-1801	N/A	30278	Ute
Evans #2-19B3	Sec. 19, T2S-R3W	14-20-H62-1734	9678	31113	Ute
Ute Jenks #2-1B4	Sec. 1, T2S-R4W	14-20-H62-1782	N/A	31197	Uintah & Ouray
Ute #1-1B4	Sec. 1, T2S-R4W	14-20-H62-1798	9649	30129	Ute
Murdock #2-34B5	Sec. 34, T2S-R5W	14-20-H62-2511	9685	31132	Ute
Ute #1-25B6	Sec. 25, T2S-R6W	14-20-H62-2529	N/A	30439	Ute
Ute Tribal #1-29C5	Sec. 29, T3S-R5W	14-20-H62-2393	9C200	30449	Ute
Ute #2-22B5	Sec. 22, T2S-R5W	14-20-H62-2509	N/A	31122	Ute

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

14-20-H62-1802

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Ute #1-35A3

9. API Well No.

43-013-30181

10. Field and Pool, or Exploratory Area

Altamont/Wasatch

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2270' FSL & 2554' FEL (NW/SE)
Section 35, T1S-R3W

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

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

RECEIVED

JUL 31 1991

ACCEPTED BY THE DIVISION OF
OF UTAH DIVISION OF OIL, GAS & MINING
OIL, GAS, AND MINING

DATE: 8-2-91

BY: J.A. Matthews

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

Signed: *Green Daniel Day*

Title: Regulatory Analyst

Date: 7/26/91

(This space for Federal or State office use)

Approved by: _____ Title: _____

Date: _____

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

PLUG AND ABANDONMENT PROCEDURE

UTE #1-35A3

SECTION 35, T1S, R3W
BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

JULY 23, 1991

WELL DATA

Location: 2270' FSL, 2554' FEL, Section 35, T1S, R3W
Elevation: 6132' KB, 6101' GL
TD: 13,919'
PBDT: 13,786' (5" Baker "FA-1" pkr w/Model "D-1" pkr plug @ 12,590')
Casing: 13-3/8", 68#, K-55 to 310'
9-5/8", 40#, K-55 to 6757'
7", 26# & 29#, S-95 and CF-95 to 11,649'
Liner: 5", 18#, N-80 and S00-95 from 11,421' to 13,911'
Tubing: 2-7/8", 6.5#, N-80, EUE to 10,507'
Perforations: 11,248'-13,794' (778 holes, 370 above pkr @ 12,590')

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity</u> (B/F)	<u>Burst</u> (psi)	<u>Collapse</u> (psi)
13-3/8" 68# K-55	12.415"	12.415"	0.1497	3450	1950
9-5/8" 40# K-55	8.835"	8.679"	0.0758	3950	2570
7" 29# CF-95	6.184"	6.059"	0.0371	9690	7830
7" 26# S-95	6.276"	6.151"	0.0382	8600	7800
5" 18# N-80	4.276"	4.151"	0.0177	10140	10490

PERFORATIONS AND TREATMENT HISTORY

October 1973: Perforated from 11,670' to 13,794', 53 total holes. Acidized w/30,000 gals 15% HCl.

September 1974: Acidized w/2500 gals 15% HCl.

September 1975: Acidized w/4000 gals 15% HCl.

August 1976: Initiate gas lift.

May 1977: Acidize w/10,000 gals 5% HCl.

January 1978: Perforated from 12,509' to 13,412', 380 total holes. Acidize w/35,000 gals 7-1/2% HCl.

January 1979: Perforated from 11,666' to 12,532', 270 total holes. Acidize w/29,000 gals 7-1/2% HCl.

August 1981: Acidize w/15,000 gals 7-1/2% HCl, perfs from 11,666' to 12,532'. Perforated from 11,248' to 11,631', 75 total holes. Acidize w/14,600 gals 7-1/2% HCl.

January 1984: Install beam pump.

PRESENT STATUS

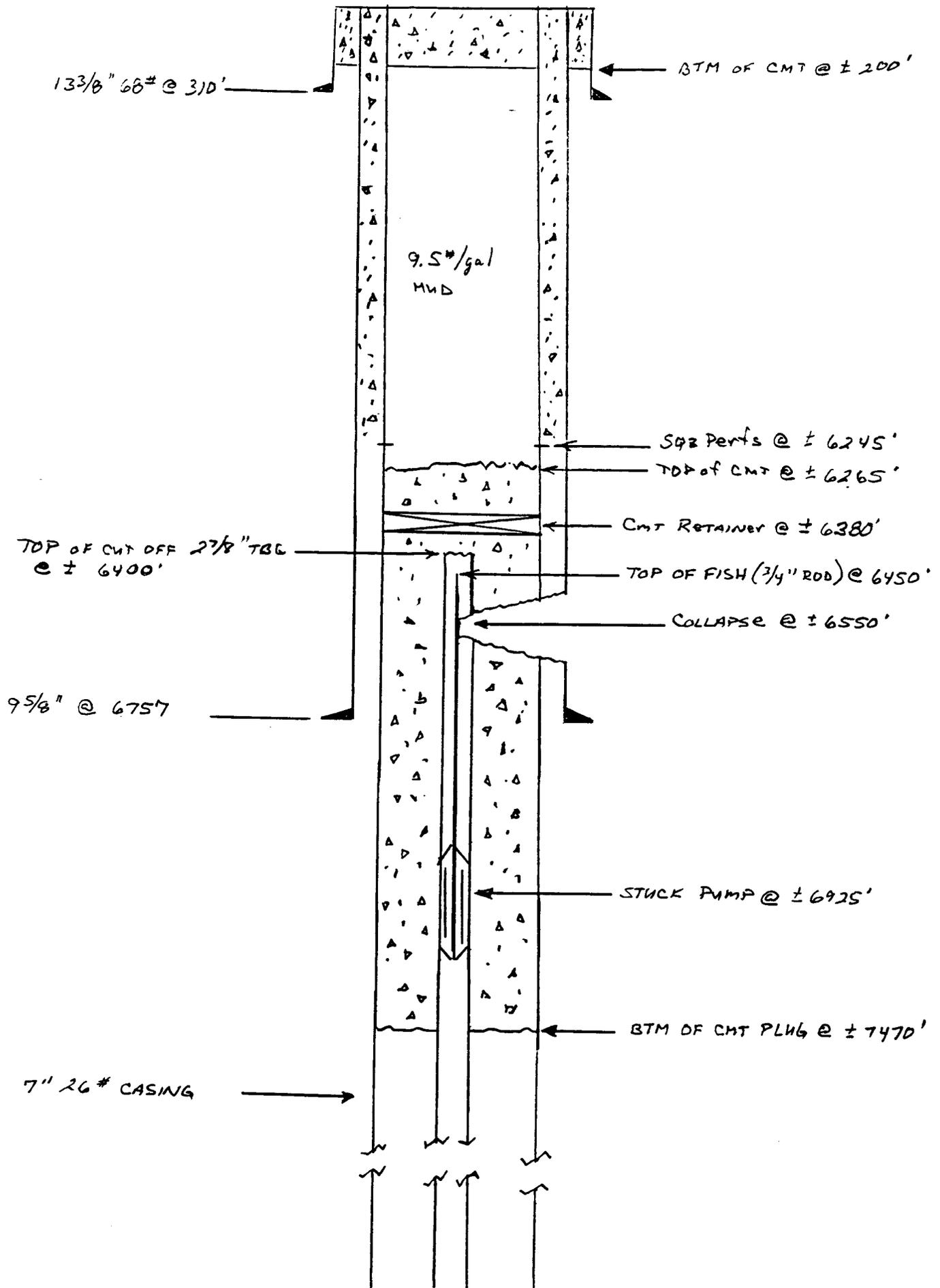
SI, uneconomical.

PROCEDURE

1. MIRU service rig. ~~XXXXXXXXXX~~, NU BOPE. POOH & LD rods.
2. RU wireline service company. Cut tbg @ $\pm 6400'$.
3. POOH w/tbg.
4. PU & RIH w/7" 26# cmt retainer & set @ $\pm 6380'$. RIH with 2-7/8" tbg & sting into retainer. Pump 200 sx of cmt into retainer (btm of cmt plug @ $\pm 7470'$) and spot 25 sx on top of retainer (top of cmt @ $\pm 6265'$).
5. Circ hole w/9.5 ppg mud.
6. RU wireline service company. Perforate squeeze holes @ $\pm 6245'$. Establish circ down 7" csg & up 9-5/8" x 7" csg annulus. Fill 7" x 9-5/8" w/cmt (approx. 860 sx).
7. RU wireline service company. Perf 7" & 9-5/8" csg @ $\pm 200'$. Establish circ.
8. Circ 200' cement plug in 13-3/8" x 9-5/8" annulus and in 7" csg (approx. 100 sx cmt).
9. Cut off 7" csg. Weld on plate. Install DHM w/necessary inscription.

UTE #1-35A3
PROPOSED PVA SCHEMA..c

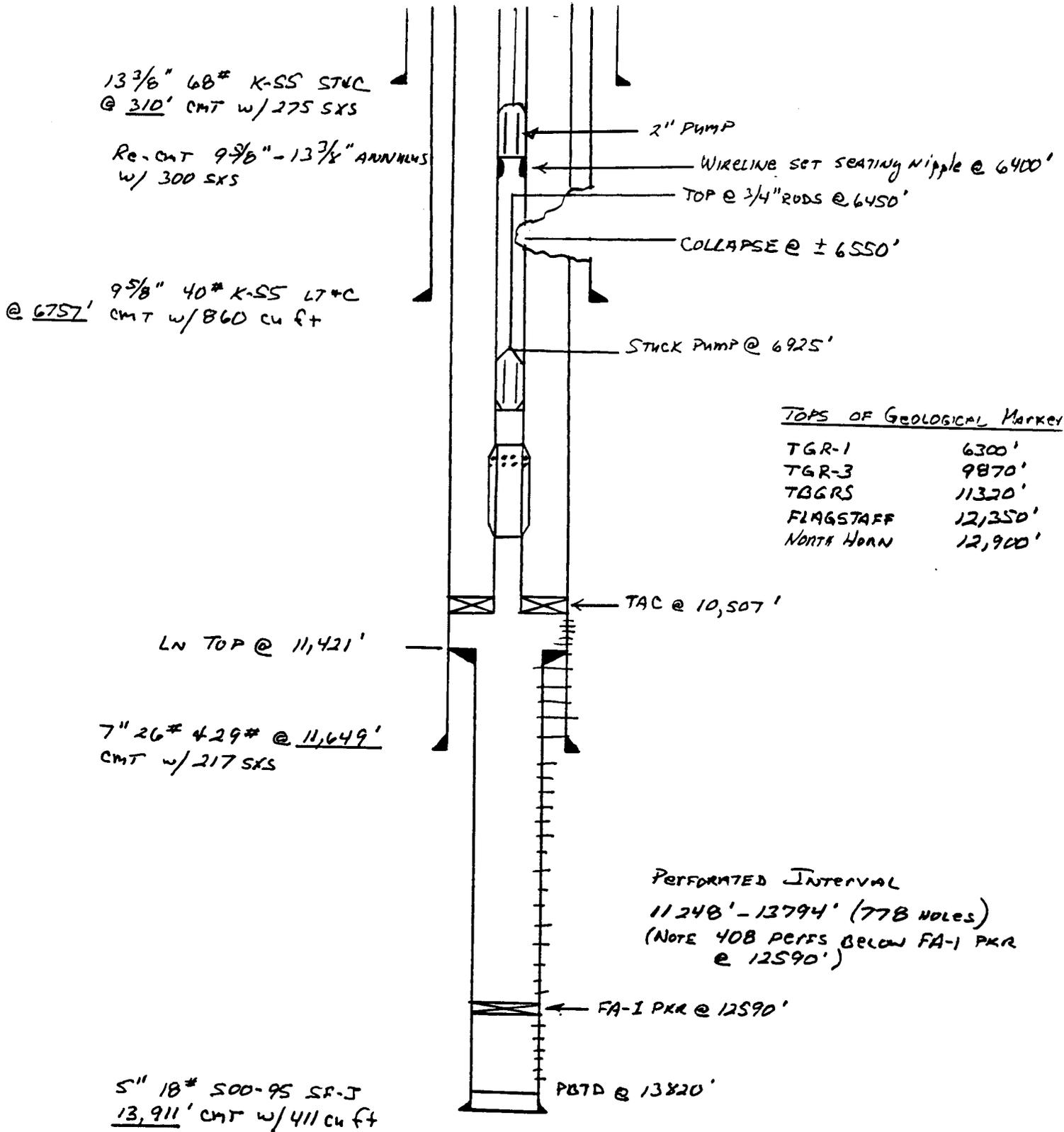
SCP
7/15/91



PRESENT WELLBORE SCHEMATIC

UTE #1-35A3

S.C. Frutch
7/15/91



TD: 13919

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-H62-1804
2. Name of Operator ANR Production Company	6. If Indian, Allottee or Tribe Name Ute Indian Tribe
3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2270' FSL & 2554' FEL (NW/SE) Section 35, T1S-R3W	8. Well Name and No. Ute #1-35A3
	9. API Well No. 43-013-30181
	10. Field and Pool, or Exploratory Area Altamont/Wasatch
	11. County or Parish, State Duchesne County, Utah

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

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

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

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

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

RECEIVED

FEB 10 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed [Signature] Title Regulatory Analyst Date 2/5/92
(This space for Federal or State office use)

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

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

*See instruction on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE #1-35A3 (PLUG & ABANDONMENT)
BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 37.50000% ANR AFE: 63668
TD: 13,919' PBD: 13,786'
5" LINER @ 11,421'-13,911'
PERFS: 11,248'-13,794'
CWC(M\$): 46.4 (excl salvage)

PAGE 2

- 1/28/92 Prep to POOH w/tbg. MIRU. Circ hole. POOH & LD rods.
DC: \$4,115 TC: \$4,115
- 1/29/92 Prep to pump cmt. Cut off 2-7/8" tbg @ 6545'. POOH. Set cmt
retainer @ 6380' w/WL. RIH & sting into retainer.
DC: \$6,885 TC: \$11,000
- 1/30/92 Finish P&A. Circ through retainer @ 6380' and up 7" x 9-5/8" annulus
@ 3.5 BPM @ 350 psi. Pump 780 sxs cement below retainer and up 7" x
9-5/8" annulus. Unsting from retainer. Spot 98 sxs cmt on top of
retainer. TOC @ 6045'. Circ csg w/9.5 ppg mud. Spot 100' plug w/18
sxs cmt from 3085' to 2985'.
DC: \$7,700 TC: \$18,700
- 1/31/92 Perf 7" csg @ 360'. Circ down 7" & up 9-5/8" csg. Pmp 165 sx cmt to
surface. Cut off 13-3/8", 9-5/8" & 7" csg. Fill w/cmt. Weld on
marker. Well P&A'd 1/31/92. Final report.
DC: \$19,325 TC: \$38,025

COASTA OIL & GAS CORP.

Field: Hammitt / Bluebell

Service Co. WHESTER, INC.

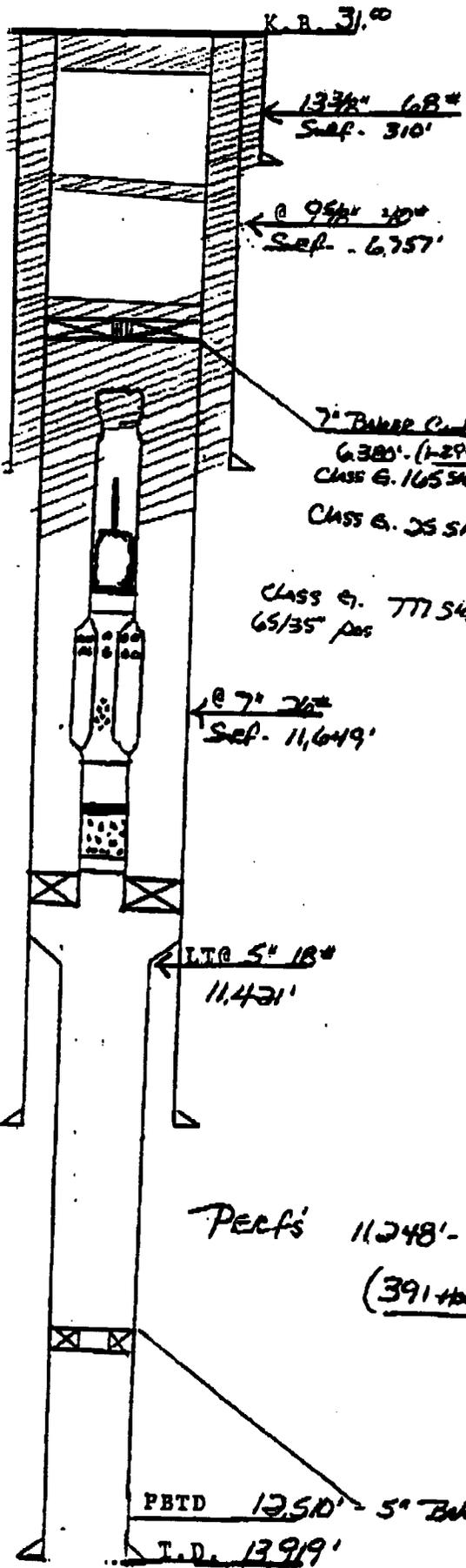
Well LHP # 1-35A3

Queen Q. FARRER

Cnty Duchess State Utah

Date January 31, 1992

Foreman Hal O. Tuite



CSG DATA

SIZE	WT.	GRADE	FROM	TO
13 3/8"	68#	K-55	Suf.	310'
9 5/8"	40#	K-55	Suf.	6,757'
7"	26#29#	SACE95	Suf.	11,649'
5"	18#	90-95	11,421' -	13,919'

BRIEF COMPLETION SUMMARY

Dr. long machine welded to plate on 13 3/8" OSG -
 7" OSG & 13 3/8" OSG Out'd w/ 165# OSG -
 45# mud 360' to 2980' -
 100' also 155# mud (Class B.) plug 2980' - 3100' -
 95# mud 3100' to 6000' -
 135# mud plug 6000' to 6380' -
 7" Baker OSG -
 135# mud plug 6380' - to 7400' - up 95# 6550' - 1000'?

FINAL STATUS

All OSG's out off
 270' Top 700 6545'
 OSG Collapsed c. 6590' -

Plug & Abandon Costs

\$ 38,025.00

PBTD 12,510' 5" Baker FA p/c. 4" D-2 Latch plug in place

T.D. 13,919'

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

6. Lease Designation and Serial Number
14-20-H62-1804
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.

Ute Tribe
8. Unit or Community Agreement
N/A

Type of Well: Oil Well, Gas Well, Other (specify)

9. Well Name and Number
Ute #1-35A3

2. Name of Operator
ANR Production Company

10. API Well Number
43-013-30181

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

4. Telephone Number
(303) 573-4476

11. Field and Pool, or Wildcat
Altamont

5. Location of Well
Footage: 2270' FSL & 2554' FEL
Co. Sec. T. R. M.: NW/SE Section 35, T1S-R3W
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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion _____

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

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

The above referenced well was plugged and abandoned 1/31/92.

RECEIVED
MAR 19 1992
DIVISION OF
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct
Name & Signature: Gilbert Daniel Oey Title: Regulatory Analyst Date: 3/16/92
State Use Only) Gilbert Daniel Oey

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

14-20-H62-1804

6. If Indian, Allottee or Tribe Name

Ute Tribal

7. If Unit or CA. Agreement Designation

N/A

8. Well Name and No.

Ute 1-35A3 Battery

9. API Well No.

N/A 43-012-30181

10. Field and Pool, or Exploratory Area

Altamont

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ANR Production Company

3. Address and Telephone No

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Battery: NW/SE Section 35, T1S-R3W

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

TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other Revised Site Facility Diagram

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

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

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

Please see the attached revised site facility diagram.

RECEIVED

MAY 10 1993

DIVISION OF
OIL GAS & MINING

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

Signed [Signature] Title Regulatory Analyst

Date 5/7/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: _____

Title _____

Date _____

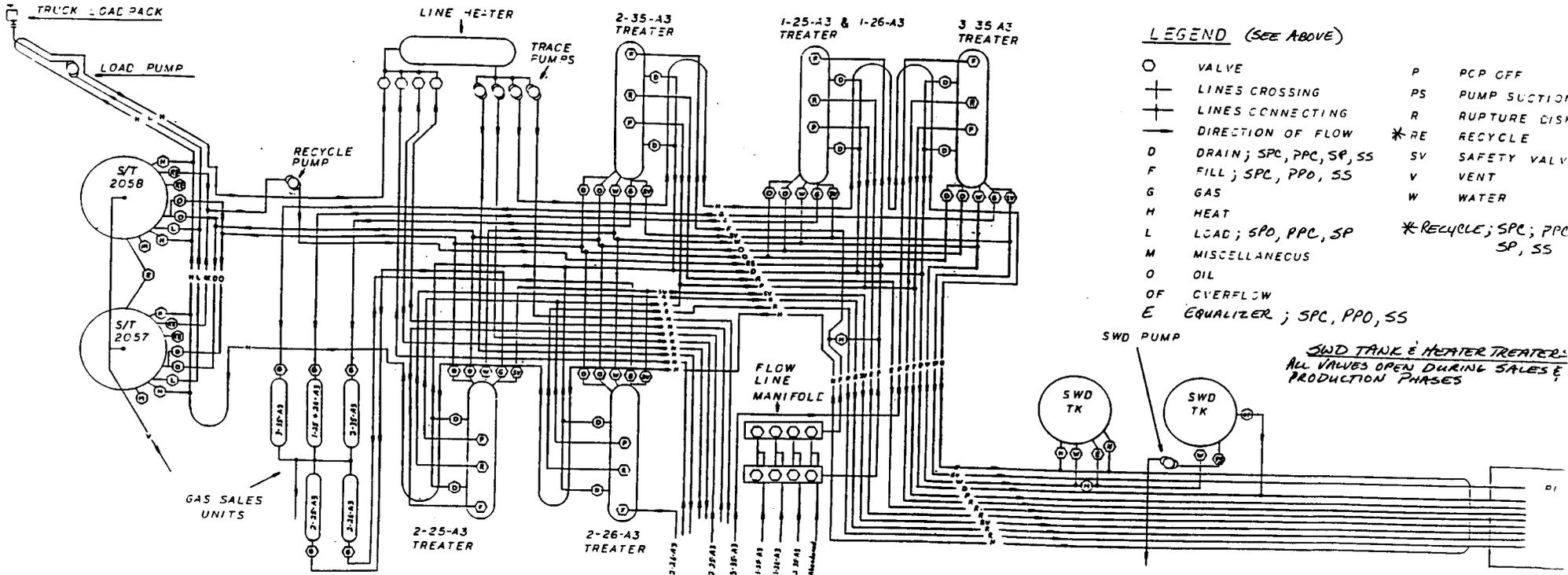
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

ANK PRODUCTION COMPANY
 UTE # 1-35A3 BATTERY
 SITE FACILITY DIAGRAM
 SECTION 35, T15-R3W
 DUCHESNE COUNTY, UTAH
 LEASE # 14-20-H62-1804



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



LEGEND (SEE ABOVE)

- | | | | |
|----|-------------------------|--------------------|--------------|
| ○ | VALVE | P | PCP OFF |
| + | LINES CROSSING | PS | PUMP SUCTION |
| + | LINES CONNECTING | R | RUPTURE DISH |
| → | DIRECTION OF FLOW | *RE | RECYCLE |
| D | DRAIN; SPC, PPC, SP, SS | SV | SAFETY VALV |
| F | FILL; SPC, PPO, SS | V | VENT |
| G | GAS | W | WATER |
| H | HEAT | | |
| L | LOAD; SPD, PPC, SP | *RECYCLE; SPC; PPC | |
| M | MISCELLANECUS | SP, SS | |
| O | OIL | | |
| OF | OVERFLOW | | |
| E | EQUALIZER; SPC, PPO, SS | | |

SWD TANK & HEATER TREATER:
 ALL VALVES OPEN DURING SALES &
 PRODUCTION PHASES

THIS LEASE IS SUBJECT TO THE SITE SECURITY PLAN FOR DENVER
 DISTRICT OPERATIONS. THE PLAN IS LOCATED AT: ANR PRODUCTION CO.
 P.O. BOX 749, DENVER, CO 80201-0749.

Mark Sanchez 5-5-93

ED 5/7/93