

Date of 1st injection - 12/4/15

Water Sample
Texaco Water Disposal Well

Electrical Conductance

7,000 umhos/cm
at 21°C

Using conversion factor of
1.087 for temperature

E.C. = 7609 umhos/cm
at 25°C

This indicates approximately
5,326 P.P.M (mg/l) total dissolved
solids in the sample.

HMP

FILE NOTATIONS

Entered in NED File
Location Map Filled
Card Indexed
(Handwritten checkmarks and initials are present next to these items)

Checked by Chief
Approval Letter
Disapproval Letter
(Handwritten initials 'F' and date '3-4-15' are present next to these items)

COMPLETION DATA:

Well Completed 11-20-15
..... WW..... TA.....
..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Miller's Log.....
Electric Log (Co.)
..... GR-N..... Micro.....
..... M-I.....
CBLog..... Colog..... 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 Water Disposal
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Texaco Inc. Producing Department Rocky Mts. U.S.

3. ADDRESS OF OPERATOR
 P.O. Box 2100, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 2467' FNL; 1501' FEL; Sec 24-T3S-R6W
 At proposed prod. zone ~~SUBSURFACE~~ SUBSURFACE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 miles NW of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1501

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.

19. PROPOSED DEPTH
 4000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5820' GR

22. APPROX. DATE WORK WILL START*
 February 15, 1975

5. LEASE DESIGNATION AND SERIAL NO.
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Altamont SWD
 9. WELL NO.
 WD-1
 10. FIELD AND POOL, OR WILDCAT
 Altamont-Uintah
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 24-T3S-R6W USB&M
 12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4" OD	40.5#	300'	Cement to surface
8-3/4"	7" OD	20 & 24#	4000'	Cement to surface

Propose to drill subject well to 4000' for salt water disposal, using fresh water mud. DIL and Density logs will be run. Casing will be cemented to surface. Prospective zones to be perforated and tested. Water analysis to be run on samples from each zone. Blow out preventors will be 10" series 1500 with blind and pipe rams, hydraulically and manually controlled. Blowout equipment will be tested at regular intervals. Necessary steps will be taken to protect the environment.

139-9

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

24. SIGNED [Signature] TITLE District Supt. DATE Jan. 30, 1975

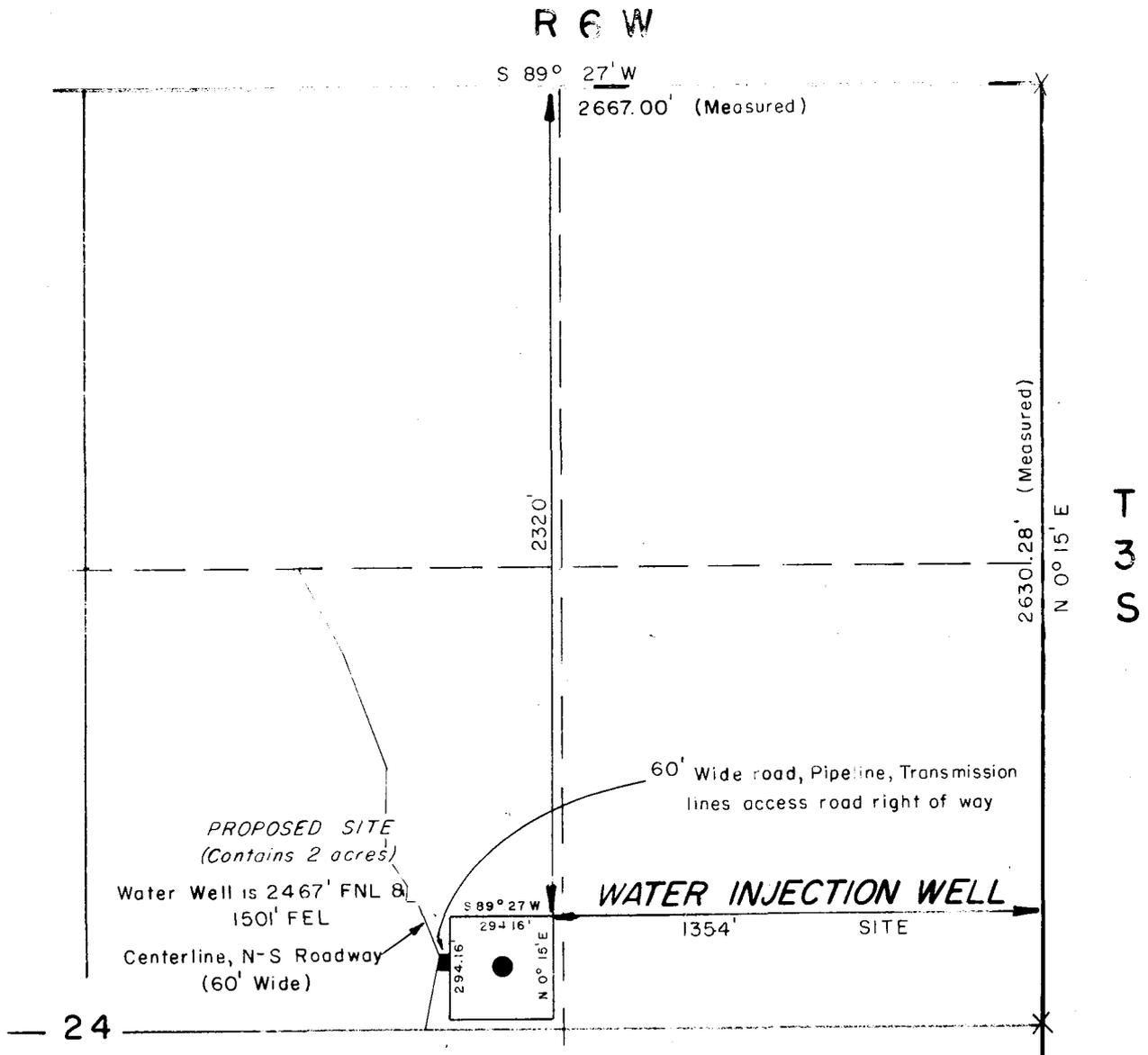
(This space for Federal or State office use)

PERMIT NO. 43-013-30372 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

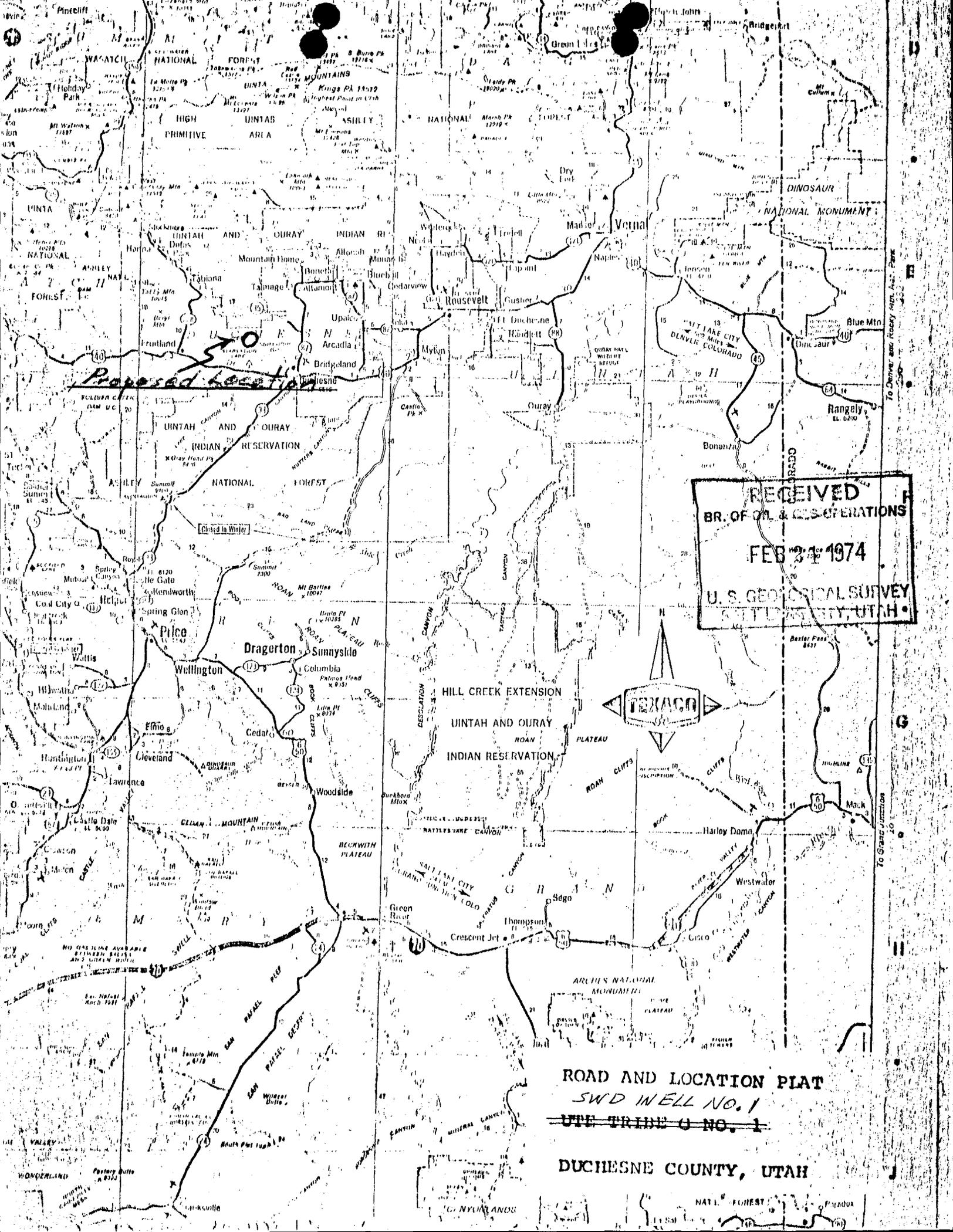


X = Section Corners Located (STONE)

BASIS OF BEARINGS IS ASSUMPTION THAT THE EAST LINE OF N/E 1/4 SECTION 24, T3S, R6W, U.S.B & M. BEARS N 0° 15' E.

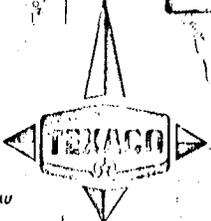
TEXACO INC. Altamont SWD#1

WATER INJECTION WELL & SITE LOCATED AS SHOWN
IN THE NE 1/4, SECTION 24, T3S, R6W, U.S.B. & M., DUCHESNE
COUNTY, UTAH.



Proposed location

RECEIVED
BR. OF OIL & GAS OPERATIONS
FEB 21 1974
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH



ROAD AND LOCATION PLAT
SWD IN WELL NO. 1
~~UPE TRIBE O NO. 1~~

DUCHEсне COUNTY, UTAH

To Denver and Rocky Mtn. Area, Plate
To Grand Junction

UNITED STATES
DEPARTMENT OF THE
GEOLOGICAL SURVEY

30' 843000 E N.5

6
S. Tenney - Wash
Gulf

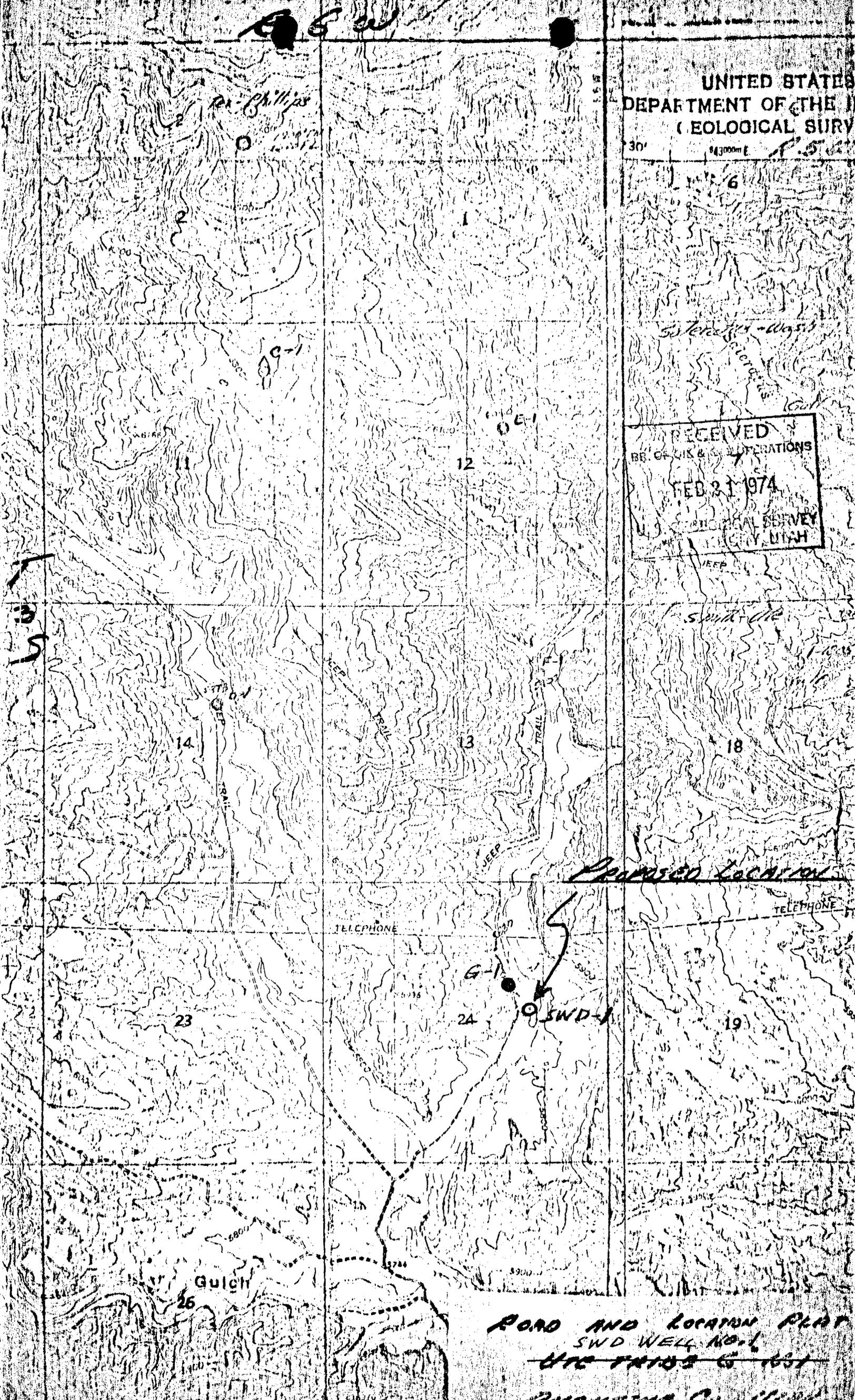
RECEIVED
RE. OF OIL & OPERATIONS
FEB 21 1974
GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

SWD-1
TELEPHONE

Promised location

G-1
SWD-1

ROAD AND LOCATION PLAT
SWD WELL NO. 1
DTC TRUSS 6-1651



P. O. Box 2100
Denver, Colorado 80201

December 23, 1974

SURFACE USE DEVELOPMENT PLAN
ALTAMONT SWD NO. 1
SW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 24-T3S-R6W
DUCHESNE COUNTY, UTAH

District Engineer
U. S. Geological Survey
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Dear Sir:

As requested by your office, the Surface Use Development Plan for Altamont SWD No. 1, Duchesne County, Utah, is as follows:

1. Existing roads and exit to the location are shown on the attached plats.
2. No additional new access road will be required since the existing road passes adjacent to the location.
3. The well is offset to the northwest by a producing well at a distance of about ~~1000~~⁵⁰⁰ feet.
4. Lateral roads in the vicinity of the location are shown on the attached plat.
5. A new tank battery and pumping facility will be constructed adjacent to the location, see attached plat.
6. Water for drilling operations will be from Starvation Reservoir and delivered to the location by tank truck.
7. All waste material will be contained by earthen and steel pits. Earthen pits are to be subsequently backfilled and buried.
8. No separate drill campsites are proposed.

9. There are no FAA registered airstrips in the vicinity of the location.
10. The drillsite location will be laid bare and will be approximately 300' x 300'. Proper grading will be used to control erosion on location. A plat showing the location and rig layout is attached.
11. All surfaces not used in normal well servicing and maintenance will be cleaned and graded, where necessary.
12. The wellsite is located on gentle sloping, rocky sandy ground, with scattered pinion and juniper trees.

Yours very truly,

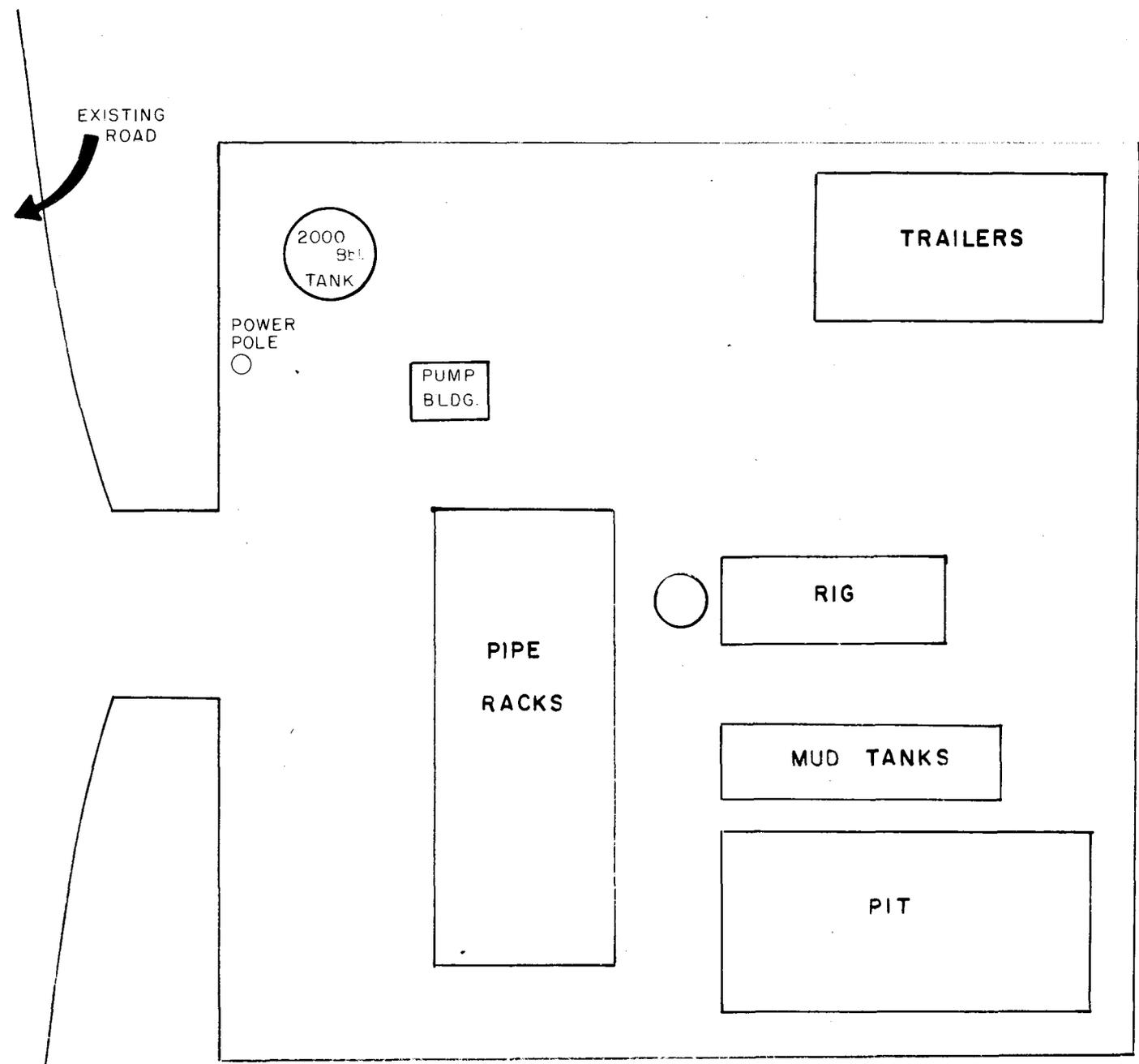
TEXACO Inc.
Producing Department Rocky Mts. U.S.

G. L. Eaton
District Superintendent

EBW-jbh

cc: OGCC(2)-DLS-RLS





TEXACO INC.
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
DRILLING SITE
SALT WATER DISPOSAL
SE, SW, NE SECTION 24, T3S, R6W
1-17-75 EBW



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U.S.
DENVER DIVISION
J. C. WHITE
ASSISTANT DIVISION MANAGER

February 13, 1975

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

APPLICATION FOR APPROVAL
OF UNDERGROUND DISPOSAL OF
PRODUCED WATER-ALTAMONT AREA
DUCHESNE COUNTY, UTAH

6.02-1

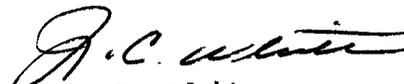
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Cleon B. Feight
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Attached are two copies of Texaco's verified application, requesting administrative approval of underground disposal of produced water in the Altamont Area, Duchesne County, Utah.

Very truly yours,


J. C. White

LEA-RJM

Attachment: Two copies of application

cc: Mr. Ed Guynn (3 copies)
U. S. Geological Survey
8426 Federal Building
122 S. State Street
Salt Lake City, Utah 84138

FEB 18 1975



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U. S.
DENVER DIVISION
J. C. WHITE
ASSISTANT DIVISION MANAGER

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

February 13, 1975

APPLICATION FOR APPROVAL
OF UNDERGROUND DISPOSAL OF
PRODUCED WATER-ALTAMONT AREA
DUCHESNE COUNTY, UTAH
6.02-1

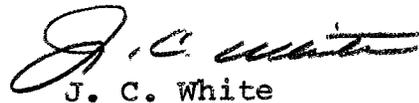
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL LESSEES LISTED ON EXHIBIT 5:

Gentlemen:

Please be advised that on this date Texaco Inc. filed with the Utah Board of Oil and Gas Conservation an application for an administrative order authorizing the underground disposal of salt water, brackish water, or other water unfit for domestic, livestock, irrigation, or other general uses produced with the oil and gas from wells in the Altamont Area, Duchesne County, Utah. Attached to this notification of filing is a copy of said application.

Very truly yours,


J. C. White

LEA-RJM

Attachment: One copy of application

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
DEPARTMENT OF NATURAL RESOURCES OF THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION)
OF TEXACO INC. FOR AN ADMINISTRATIVE)
ORDER AUTHORIZING THE UNDERGROUND)
DISPOSAL OF SALT WATER, BRACKISH WATER,)
OR OTHER WATER UNFIT FOR DOMESTIC,)
LIVESTOCK, IRRIGATION OR OTHER GENERAL)
USES PRODUCED WITH THE OIL AND GAS)
FROM WELLS IN THE ALTAMONT AREA,)
DUCHESNE COUNTY, UTAH)

A P P L I C A T I O N

COMES NOW the Applicant, TEXACO INC., a Delaware Corporation duly authorized to do business in the State of Utah, and respectfully presents to the Board of Oil and Gas Conservation of the State of Utah this Application for an administrative Order authorizing the underground disposal of salt water, brackish water, or other water unfit for domestic, livestock, irrigation, or other general uses produced with the oil and gas from wells completed in the Green River-Wasatch formations in the Altamont Area, Duchesne County, Utah. In support thereof, Applicant shows the following:

1. Applicant is the operator of certain producing oil and gas wells in the Altamont Area and the owner of various leases in the Altamont Area on which wells have not yet been drilled.
2. In addition to oil and gas, the wells in the Altamont Area produce varying amounts of salt water, brackish water, or other water unfit for domestic, livestock, irrigation, or other general uses. Exhibit 1 describes the locations of the various wells operated by Applicant as of January 1, 1975 (nine in all) and shows the average daily oil and water production for each well during December, 1974. All nine wells produced 1911 barrels of oil per day and 92 barrels of water per day during December, 1974.
3. At the present time water produced with the oil and gas is disposed of by evaporation in earthen pits located near each well.
4. Increases in water production from each well can be anticipated, with time, in which event evaporation pits might not be adequate to dispose of the volume of water produced.
5. In order to provide the most suitable and satisfactory means of disposing of produced water and protecting the fresh water sources both surface and subsurface, Applicant hereby requests approval to inject into the Uinta formation, in a well to be drilled and equipped for water disposal purposes, all salt water, brackish water, or other water unfit for domestic, livestock, irrigation, or other general uses produced with the oil and gas from existing wells and future wells drilled and/or operated by Applicant in the Altamont Area.

6. Exhibit 2 is an Ownership Map that shows the names of the lessees of record within one-half mile of the proposed water disposal well.
7. Exhibit 2 further shows all oil and gas wells, abandoned wells, drilling wells, and dry holes in the area of the proposed water disposal well (SWD Well No. 1), as well as the location of the proposed disposal well, which is described as follows: 2467 feet from the north line and 1501 feet from the east line of Section 24, Township 3 South, Range 6 West, USB&M, Duchesne County, Utah. For valuable consideration, Applicant has received and owns of record an easement from the surface owner for said injection well and two-acre site surrounding same.
8. SWD Well No. 1 will be drilled to an approximate total depth of 4000 feet. Dual Induction and Sonic logs will be run to identify prospective water disposal zones in the Uinta formation. Zones of primary interest for water disposal are anticipated throughout the gross interval correlative with the interval from approximately 3200 feet to 4000 feet in Applicant's Ute Tribe "G" Well No. 1, located approximately 500 feet northwest of SWD Well No. 1. Exhibit 3 is a portion of the Dual Induction log from the Ute Tribe "G" Well No. 1 and shows the stratigraphic section expected in SWD Well No. 1. This section is a marlstone with numerous interbedded shales and fine grained sandstones. The top of the proposed disposal zone will be approximately 250 feet below a saline facies found in Ute Tribe "G" Well No. 1 in the interval from 2800 feet to 2950 feet. This facies will prevent the upward migration of injected water and serve as a safeguard against contamination of shallow aquifers.
9. Seven-inch casing will be run to total depth and cemented to surface so damage will not be caused to fresh water, oil, gas, or other minerals behind the casing. The prospective water disposal zones will be determined from the logs and the casing will be perforated accordingly. The casing will be pressure tested prior to perforating.
10. Exhibit 4 shows analyses of the waters produced from each of the wells operated by Applicant as of January 1, 1975.
11. Applicant believes the Green River-Wasatch produced water to be disposed of is of better quality than the water in the Uinta formation into which it is to be injected. To verify this, a packer will be set on tubing above the perforations and the perforations will be swab tested to get for analysis a representative formation water sample from the disposal zone. The Director of the Division of Oil and Gas Conservation will be notified in advance so he, or a member of his staff, can arrange to witness the swab test and catch independent water samples. Injection of produced water will not be started until the relative qualities of the Green River-Wasatch and Uinta waters have been determined.

12. Estimated water injection rates into the Uinta formation range from a minimum of 25 barrels per day to a maximum of 5000 barrels per day. Initial rates will approximate 100 barrels per day.
13. Exhibit 5 is a tabulation of the names and addresses of lessees of record within one-half mile of the proposed disposal well.
14. Exhibit 6 is an Affidavit of Mailing, certifying that notice of this Application has been mailed, certified mail, return receipt requested, to each lessee of record shown in Exhibit 5.
15. Granting approval of Applicant's proposed water disposal project will be in the interest of protecting and conserving the fresh water sources in the field, both surface and subsurface, will prevent waste, and will protect the property rights of others.

NOW THEREFORE, the Applicant respectfully requests that this Application receive administrative approval without a hearing, if neither the interested parties, nor the Director, file written objection or complaint to the Application. If any lessees of record within one-half mile of the proposed water disposal well or the Director, object, the Applicant respectfully requests that the matter be set down for hearing, that notice thereof be given as required by law, and that upon the evidence produced at such hearing, the Board enter its Order approving Applicant's proposed water disposal project.

Dated at Denver, Colorado, this 13 day of February, 1975.

Respectfully submitted,

TEXACO INC.

By J. C. [Signature]

Sworn to before me and signed in my presence this 13 day of February, 1975.

[Signature]
Notary Public

My Commission expires: April 4, 1976



STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 1588 West North Temple
 Salt Lake City, Utah 84116

P

DISPOSAL WELL REPORT
 * * * * *

OPERATOR TEXACO Inc. WELL NAME Ute Tribe G SWD #1
 Sec. 24 T. 3S R. 6W County Duchesne FIELD NAME Altamont
 MONTH June YEAR 1978

DATE	AMOUNT DISPOSED	HOURS IN SERVICE	MAXIMUM PRESSURE	AVERAGE OPERATING PRESSURE
1	750	7.5	1325	1050
2	1200	12	1325	1062
3	0	0	1200	1000
4	676	6.5	1329	1050
5	797	8	1750	1050
6	1025	12	1200	1100
7	0	0	1200	900
8	0	0	1200	1000
9	0	0	0	0
10	0	0	0	0
11	540	8.5	1325	1050
12	312	5	1300	1050
13	0	0	1350	1000
14	544	8.5	1325	1050
15	0	0	900	800
16	0	0	800	800
17	595	20	1325	1300
18	540	4.5	1400	700
19	1380	11.5	1400	1300
20	1266	12	1400	800
21	0	0	1400	400
22	902	8.5	1400	900
23	65	.5	1400	700
24	1034	10	1400	800
25	0	0	1400	600
26	970	9.5	1400	900
27	1430	13.5	1325	1050
28	1705	16	1350	1050
29	0	0	950	800
30	994	10.5	1350	1050
31				

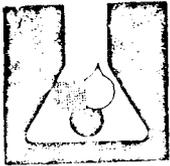
TOTAL MONTHLY WATER 16,725

TOTAL CUMULATIVE 510,287

***FILE IN DUPLICATE

OGCC (2) -GLE-DLS-RLS





UTE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne Utah 84026

(801) 722-2254

LABORATORY NUMBER W-2196
 SAMPLE TAKEN _____
 SAMPLE RECEIVED 4-24-75
 RESULTS REPORTED 5-2-75

SAMPLE DESCRIPTION _____ FIELD NO. _____
 COMPANY Texaco LEASE Ute Tribe "G" WELL NO. 1
 FIELD Altamont COUNTY _____ STATE _____
 SAMPLE TAKEN FROM _____
 PRODUCING FORMATION Wasatch TOP _____
 REMARKS _____

SAMPLE TAKEN BY _____

CHEMICAL AND PHYSICAL PROPERTIES

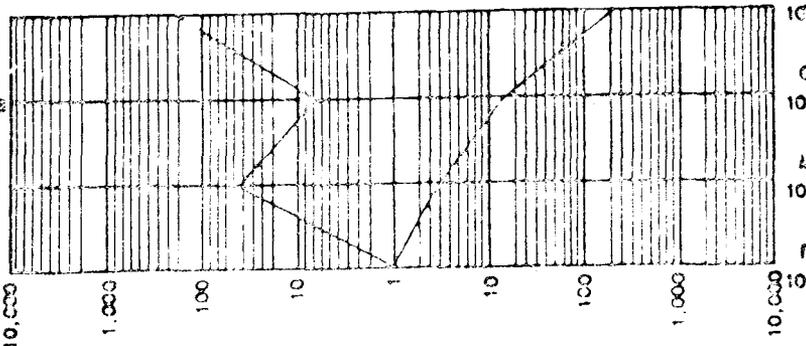
SPECIFIC GRAVITY @60/60° F. 1.0129 pH 7.55 RES. .40 OHM METERS @ 77°F

TOTAL HARDNESS 1088.7 mg/L as CaCO₃ TOTAL ALKALINITY 484.0 mg/L as CaCO₃

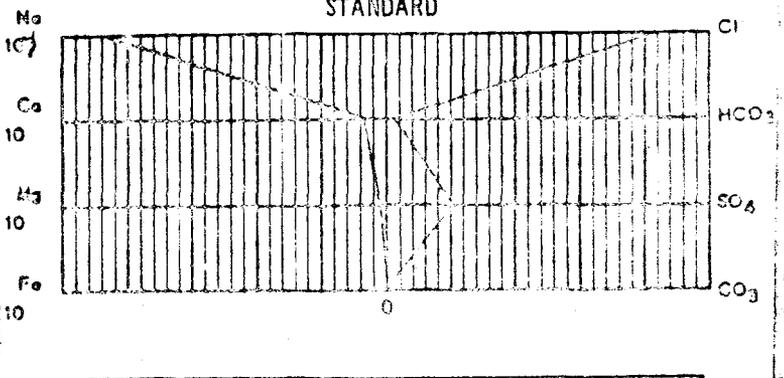
CONSTITUENT	MILLIGRAMS PER LITER mg/l	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ⁺⁺	352.0	17.6		
MAGNESIUM - Mg ⁺⁺	49.7	4.07		
SODIUM - Na ⁺	5000.0	217.39		
BARIUM (INCL. STRONTIUM) - Ba ⁺⁺	0	0		
TOTAL IRON - Fe ⁺⁺ AND Fe ⁺⁺⁺	2.84	0.10	239.16	
BICARBONATE - HCO ₃ ⁻	484.0	7.93		
CARBONATE - CO ₃ ⁻	0	0		
SULFATE - SO ₄ ⁻	2450.0	51.04		
CHLORIDE - CL ⁻	7447.0	209.77	268.74	
TOTAL DISSOLVED SOLIDS	16360			

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST _____

CHECKED _____

EXHIBIT 1

DAILY PRODUCTION FROM WELLS OPERATED BY TEXACO INC.
AS OF JANUARY 1, 1975
ALTAMONT AREA, DUCHESNE COUNTY, UTAH

<u>WELL NAME</u>	<u>LOCATION</u>	<u>DECEMBER, 1974 PRODUCTION</u>	
		<u>*BOPD</u>	<u>*BWPD</u>
Ute Tribe "C" No. 1	NE NE Sec. 11 T3S, R6W	123	7
Ute Tribe "D" No. 1	SW NE Sec. 14 T3S, R6W	78	5
Ute Tribe "E" No. 1	SW NE Sec. 12 T3S, R6W	228	12
Ute Tribe "F" No. 1	NE NE Sec. 13 T3S, R6W	133	1
Ute Tribe "G" No. 1	SW NE Sec. 24 T3S, R6W	175	3
Ute Tribe "K" No. 1	NW SE Sec. 1 T3S, R6W	591	0.5
Ute Tribe "L" No. 1	SW NE Sec. 23 T3S, R6W	124	4
Stewart "B" No. 1	SE NE Sec. 2 T3S, R6W	61	4
Fenzl No. 1	SW NE Sec. 20 T3S, R5W	398	55
TOTALS		1911	92

* Daily production shown is for actual number of days each well produced.

R 6 W

R 5 W

T 3 S

T 3 S

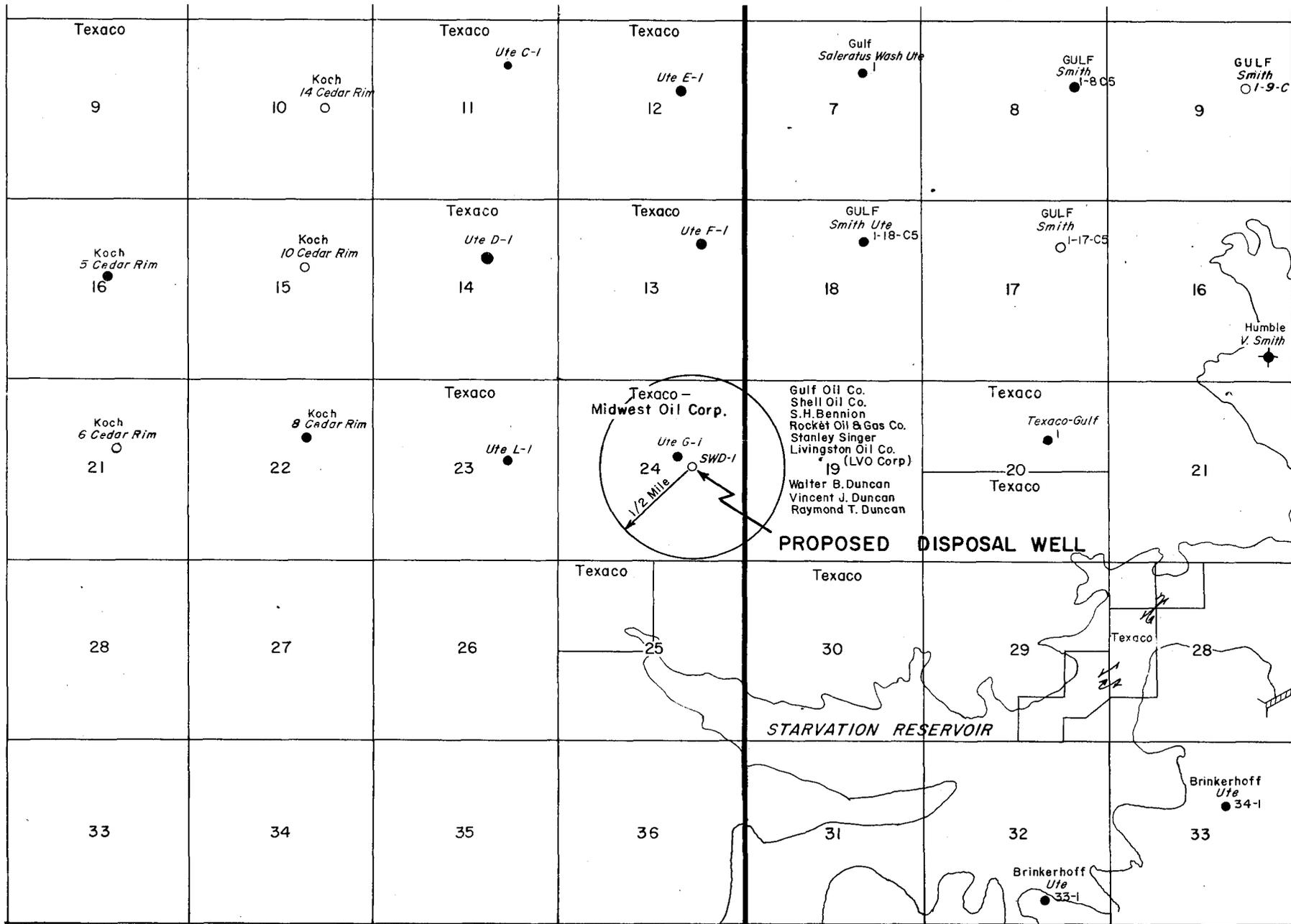


EXHIBIT 2
TEXACO INC
OWNERSHIP MAP
PORTION OF ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
 1-8-75

Dresser Atlas

Dual Induction Focused Log

WITH LINEAR CORRELATION LOG

FILE NO.

COMPANY TEXACO INC.WELL UTE TRIBE "G" NO.1FIELD ALTA MONTCOUNTY DUCHE SNE STATE UTAH

LOCATION:

C NE 1/4SEC 24 TWP 3 S. RGE 6 W.Other Services
BHC-GR-CAL
C.D.L.-C.N.-GRPermanent Datum Ground Level Elev. 5836
Log Measured from Kelly Bushing, 19.0 Ft. Above Permanent Datum
Drilling Measured from "Elevations:
KB 5855
DF
GL 5836

Date	<u>8-13-74</u>			
Run No.	<u>ONE</u>			
Depth-Driller	<u>8241</u>			
Depth-Logger	<u>8241</u>			
Bottom Logged Interval	<u>8239</u>			
Top Logged Interval	<u>522</u>			
Casing-Driller	<u>10 3/4 @ 522</u>	@	@	@
Casing-Logger	<u>522</u>			
Bit Size	<u>8 3/4</u>			
Type Fluid in Hole	<u>Chem. Gel</u>	@	@	@
Density and Viscosity	<u>10.5 51</u>			
pH and Fluid Loss	<u>9.5 3.5 cc</u>		cc	cc
Source of Sample	<u>circulated</u>			
Rm @ Meas. Temp.	<u>.56 @ 83 °F</u>	@	°F	@ °F
Rmf @ Meas. Temp.	<u>.34 @ 86 °F</u>	<u>.170 @ 172 °F</u>	@ °F	@ °F
Rmc @ Meas. Temp.	<u>.77 @ 86 °F</u>	<u>.384 @ 172 °F</u>	@ °F	@ °F
Source of Rmf and Rmc	<u>M, M</u>			
Rm @ BHT	<u>.270 @ 172 °F</u>	@	°F	@ °F
Time Since Circ.	<u>14 HRS.</u>			
Max. Rec. Temp. Deg. F.	<u>172 °F</u>		°F	°F
Equip. No. and Location	<u>6089 RSVLT</u>			
Recorded By	<u>MARTIN</u>			
Witnessed By	<u>THERA-WHICKER</u>			

FIELD PRINTCONDUCTIVITY
Millimhos/mINDUCTION CONDUCTIVITY
DEEP INDUCTION LOG0
200
400
600
800← 176/1547
500/18.7 K.D.RESISTIVITY
Ohms m²/m

SHALLOW FOCUSED LOG

0
400
800
1200
1600

DEEP INDUCTION LOG

0
0
1000
1000

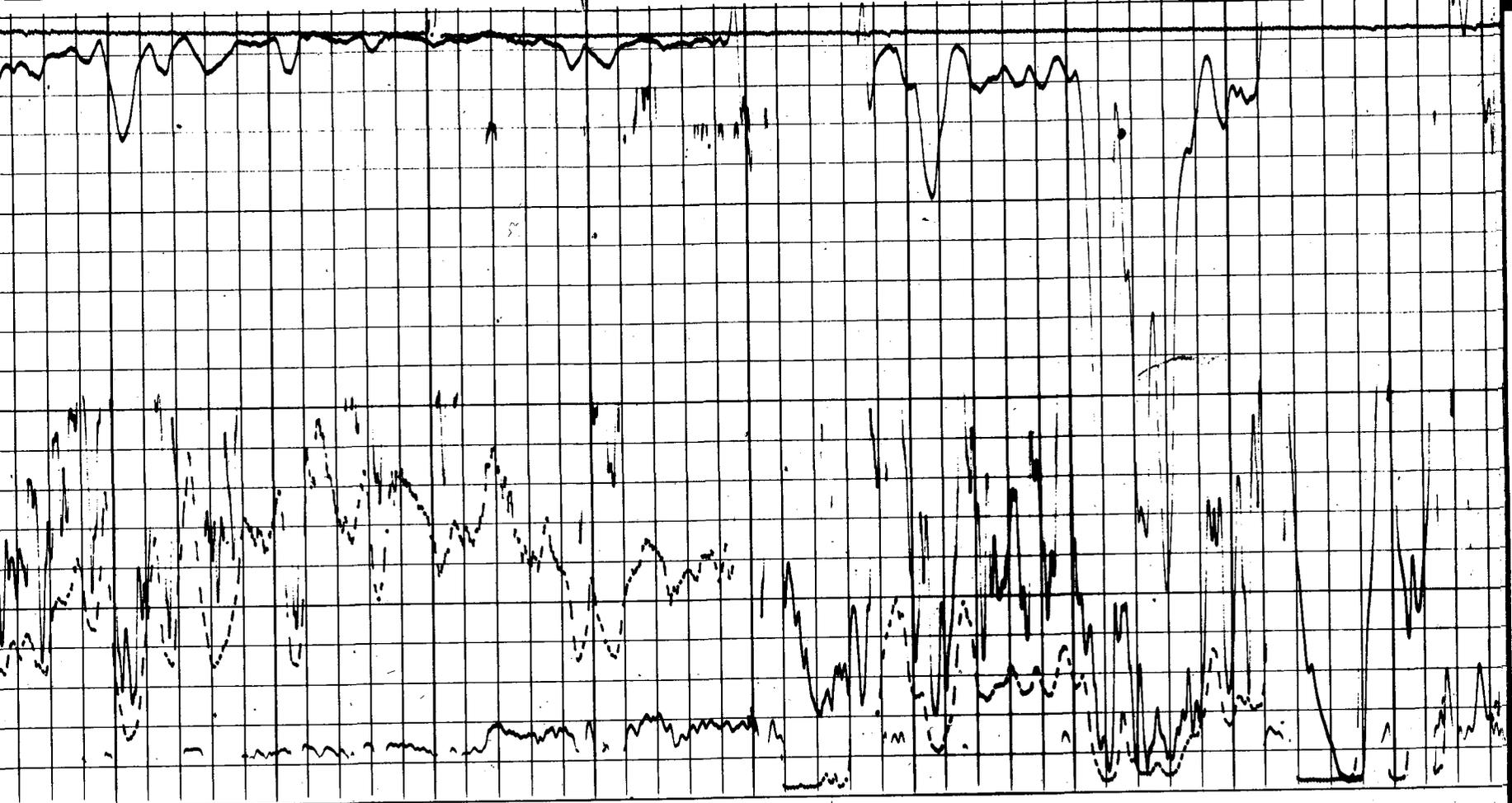
DEPTH

2700

SPONTANEOUS POTENTIAL
Millivolts+
10
-API UNITS 150
GAMMA RAY

THIS HEADING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP-31

FOLD HERE ↓

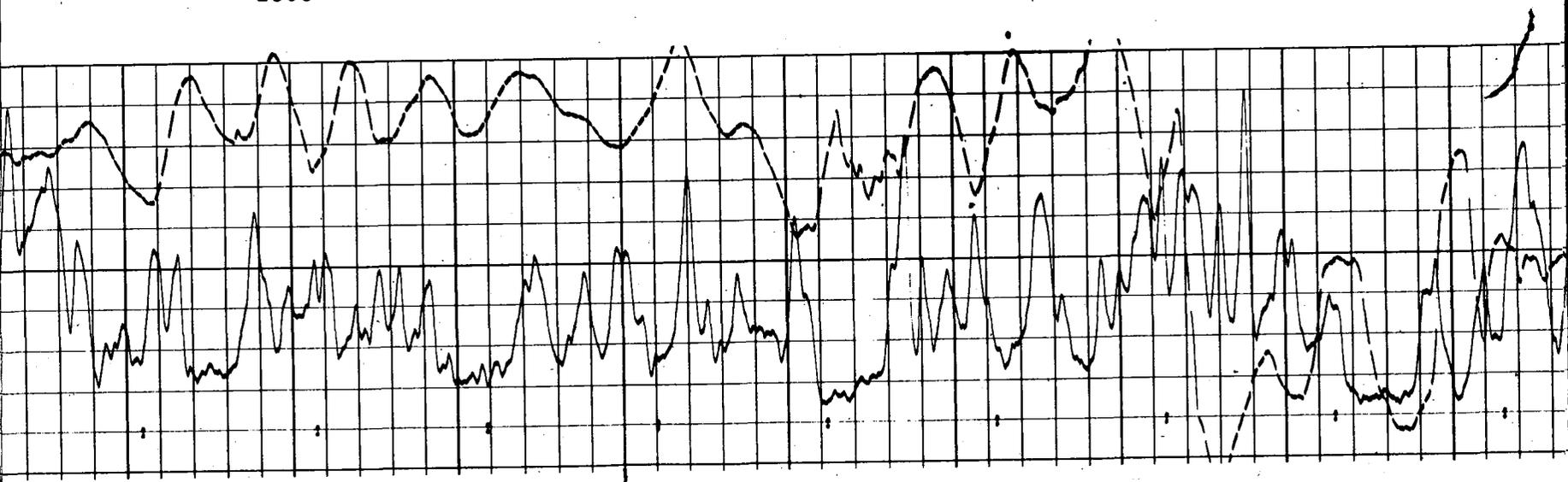


2800

2900

3000

3100



Pres

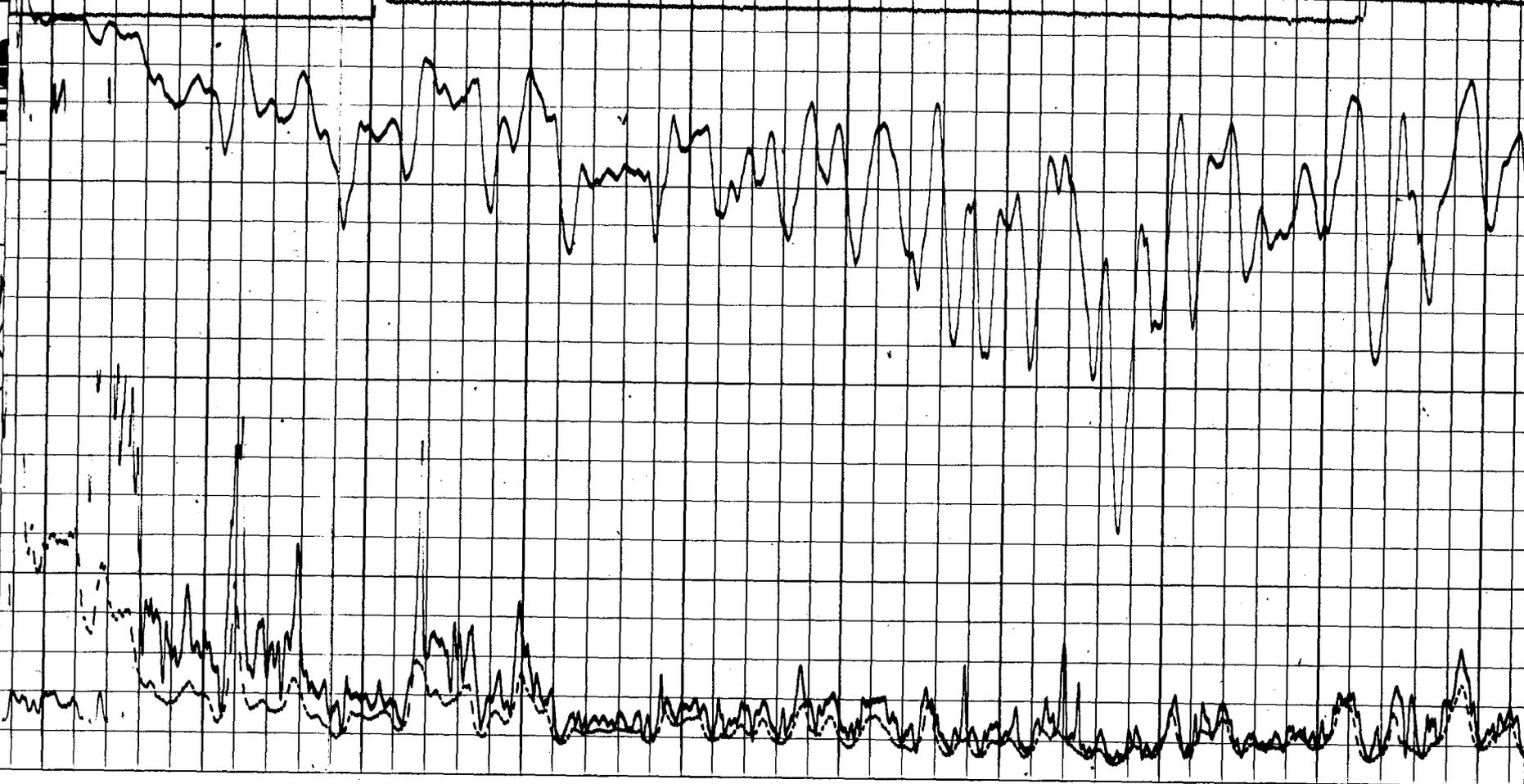
NO.

R
E

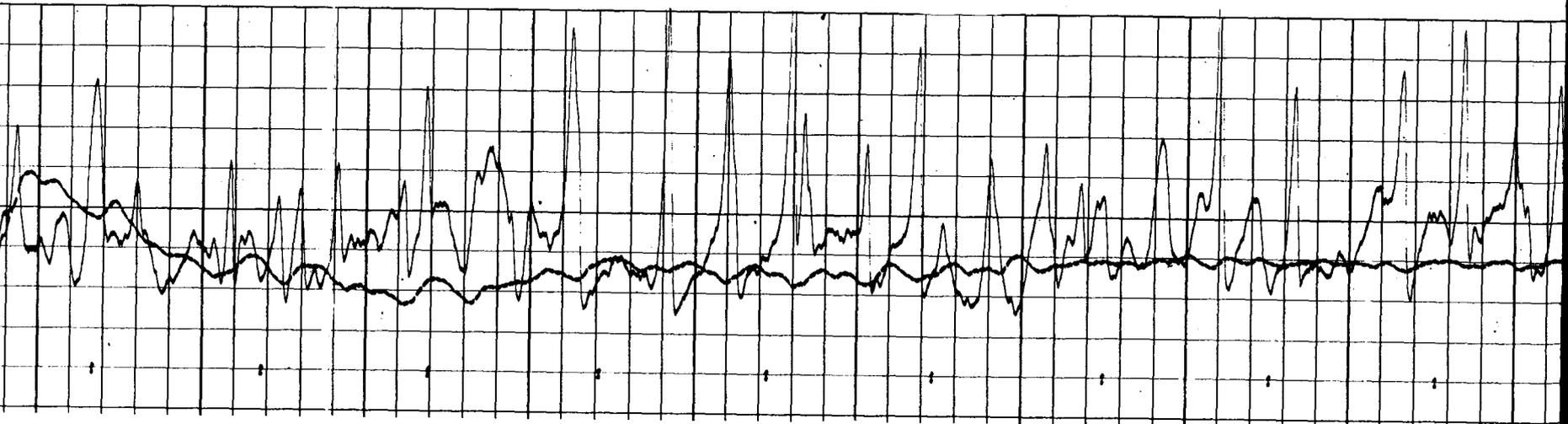
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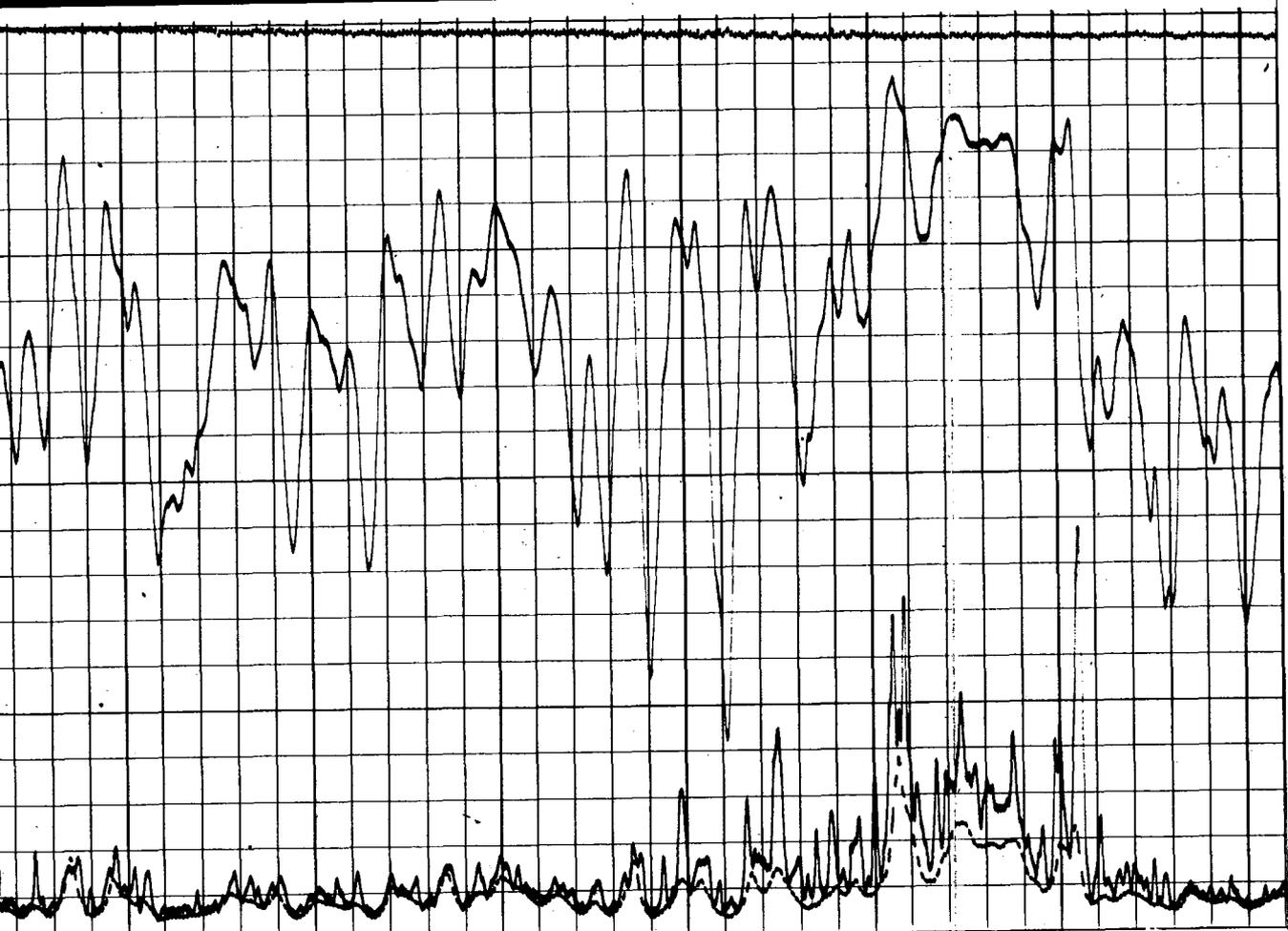
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3700

3800

3900

4000

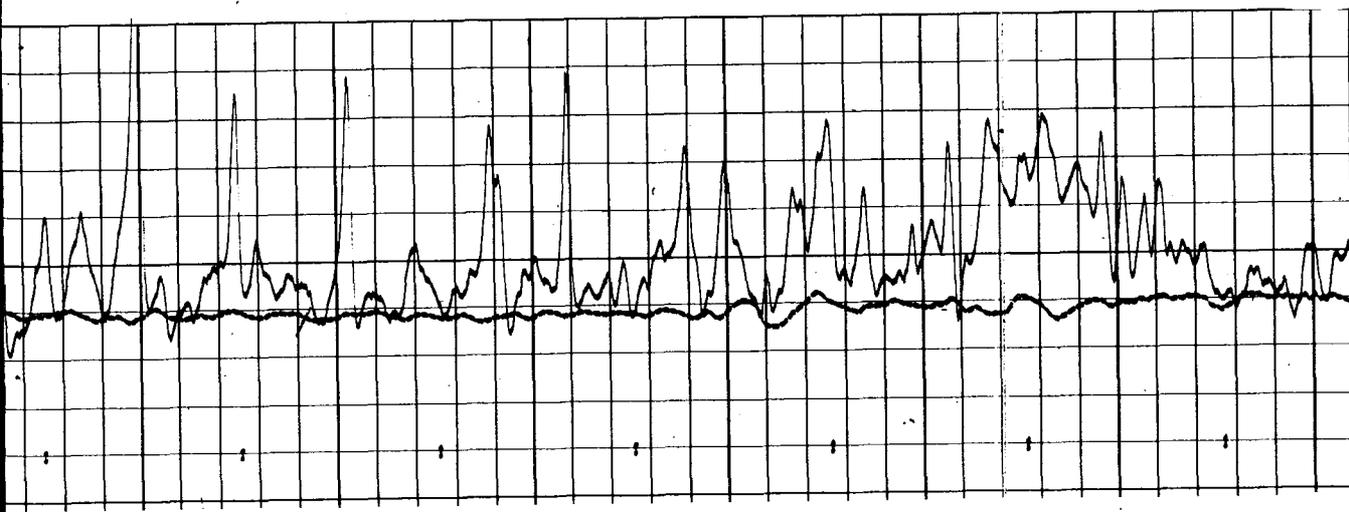


EXHIBIT 3

TEXACO INC.

PORTION OF DUAL INDUCTION LOG

UTE TRIBE "G" WELL NO. 1

SW/4 NE/4 Sec. 24 T3S R6W

DUCHESNE COUNTY, UTAH

EXHIBIT 4

ANALYSES OF WATERS PRODUCED FROM WELLS
OPERATED BY TEXACO INC. AS OF JANUARY 1, 1975
ALTAMONT AREA, DUCHESNE COUNTY, UTAH

<u>WELL NAME</u>	<u>-mg/l-</u>										<u>pH</u>	<u>Sp. Gr. @ 60/60°F</u>	<u>Res. @ 77°F (Ohm- Meters)</u>
	<u>Na</u>	<u>*Ba</u>	<u>Ca</u>	<u>Mg</u>	<u>Fe</u>	<u>SO₄</u>	<u>Cl</u>	<u>CO₃</u>	<u>HCO₃</u>	<u>TDS</u>			
Ute Tribe C-1	7,765	1.9	559	43.3	0.4	3100	10,496	8	526	13,280	8.4	1.0076	0.50
Ute Tribe D-1	4,976	1.4	122	19.9	0.8	3500	4,848	0	894	9,080	7.4	1.0050	0.70
Ute Tribe E-1	6,691	1.9	210	24.6	0.1	3925	7,547	0	556	10,600	8.2	1.0069	0.70
Ute Tribe F-1	4,706	3.7	702	42.1	0.3	2665	5,698	28	802	4,080	8.5	1.0034	0.80
Ute Tribe G-1	5,855	4.6	2070	358	3.0	2400	11,705	0	480	34,160	7.8	1.0311	0.50
Ute Tribe K-1	Not producing enough water to sample for analysis.												
Ute Tribe L-1	13,160	6.9	3225	331	20.0	3500	24,192	0	426	25,360	7.5	1.0110	0.34
Stewart B-1	Not producing enough water to sample for analysis.												
Fenzl No. 1	1,476	2.6	28.5	3	0.4	920	1,000	60	1010	4,160	8.7	1.0030	1.70

* Includes strontium

EXHIBIT 5

NAMES AND ADDRESSES OF LESSEES OF RECORD
WITHIN ONE-HALF MILE OF PROPOSED DISPOSAL WELL
ALTAMONT AREA, DUCHESNE COUNTY, UTAH

1. Midwest Oil Corporation
c/o Amoco Production Co.
Security Life Bldg.
1616 Glenarm Place
Denver, Colorado 80202
2. Gulf Oil Co., U. S.
600 Oklahoma Mortgage Bldg.
320 N. Robinson Ave.
Oklahoma City, Okla. 73102
3. Shell Oil Company
Denver U. S. National Center
1700 Broadway
Denver, Colorado 80202
4. S. H. Bennion
635 11th St.
Idaho Falls, Idaho 83401
5. Rocket Oil & Gas Co.
601 Philtower Bldg.
Tulsa, Oklahoma 74103
6. Stanley Singer
601 Philtower Bldg.
Tulsa, Oklahoma 74103
7. Livingston Oil Co. (LVO Corp.)
P. O. Box 2848
Tulsa, Oklahoma 74101
8. Walter B. Duncan
Box 211
La Salle, Illinois 61301
9. Vincent J. Duncan
1800 Security Life Bldg.
1616 Glenarm Place
Denver, Colo. 80202
10. Raymond T. Duncan
1800 Security Life Bldg.
1616 Glenarm Place
Denver, Colo. 80202

March 4, 1975

Texaco Inc.
Box 2100
Denver, Colorado 80201

Re: SWD #1
Sec. 24, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Please be advised that administrative approval under Rule C-11, General Rules and Regulations and Rules of Practice and Procedure, is hereby granted for the drilling of the above referred to water disposal well.

Said approval is, however, conditional upon adhering to the provisions of the Order issued in Cause No. 139-9, outlined as follows:

- a) Applicant will take two samples of formation water by production swab tests, one from an upper interval and one from a lower interval.
- b) Applicant will notify this office prior to taking such samples in order that a member of our staff may be present to witness such tests, and take independent samples.
- c) Applicant will provide continuous monitoring of the salt water disposal well as to the volume of fluids, injected or disposed of, and injection pressures.

Should you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462-1137

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Disposal		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR TEXACO Inc. Producing Department Rocky Mts. U.S.		8. FARM OR LEASE NAME Ute Tribe "G"	
3. ADDRESS OF OPERATOR P. O. Box 157, Craig, Colorado 81625		9. WELL NO. WD-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2467' FNL; 1501' FEL; Sec. 24 SW 1/4 NE 1/4 Sec 24		10. FIELD AND POOL, OR WILDCAT Altamont-Uintah	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 24-T3S-R6W USB&M	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5820' GR		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) Surface Casing <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.)*

5-31-75
Ran 8 joints (332') of 10-3/4" OD 40.5# K-55 ST&C casing set at 322' KB. Cemented with 315 sacks regular class G cement with 3% CaCl and 1/4# Floccel per sack. Cement circulated to surface. Plug down at 12:30 PM 5-31-75.

Tested BOP equipment and casing with 2000 psi for 15 minutes, held okay.

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

SIGNED *[Signature]* TITLE Field Foreman DATE June 5, 1975

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DATE _____
TRIBE _____
LEASE NO. **TL14-20-462-1137**
Ute Tribe G-1 SWD

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Altamont

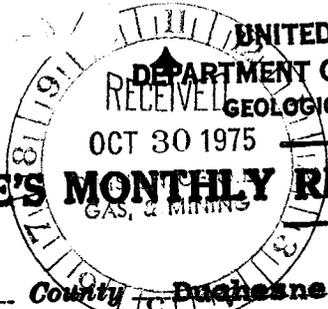
The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1975,

Agent's address P. O. Box 157 Company TEXACO Inc.
Craig, Colorado 81625 Signed [Signature]

Phone 824-6565 Agent's title Field Foreman

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NE Sec24	3S	6W	SWD							Drilling: MIRT 5-22/5-28-75 Spud 5-28-75 Reach TD 6-21-75 Ran 7" Pipe 6-23-75 Surf to 3502'
JDN-n	7-25-75									
USGS (3)	OGCC	GLE	DLS	RLS	LK					

NOTE.—There were NO runs or sales of oil; NO M. cu. ft. of gas sold;
NO runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



ALLOTTEE _____
TRIBE Ute Tribe G-1 SWD
LEASE NO. UT-14-20-462-1137

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Altamont

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1975,

Agent's address P. O. Box 157 Company TEXACO Inc.

Craig, Colorado 81625 Signed [Signature]

Phone 824-6565 Agent's title Field Foreman

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NE Sec 24	3S	6W	SWD							SI Pending Completion of SWD gathering System.

JDN-n 10-28-75

USGS (3) OGCC GLE DLS RLS LK

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

File Text ^{ac} SWD #1
1A-24-3-6

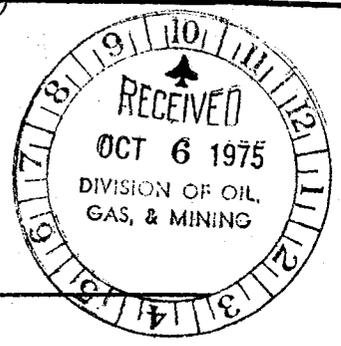
75 1054

PLEASE NOTE: Sample cannot be analysed until all blanks are filled in (Slip must accompany sample)

STATE OF UTAH
DEPARTMENT OF SOCIAL SERVICES
DIVISION OF HEALTH
44 MEDICAL DRIVE
SALT LAKE CITY, UTAH 84113

DO NOT WRITE HERE
Sample Received on
Analysis Authorization
AUG. 10/5

WATER SAMPLE FOR CHEMICAL ANALYSIS
WATER SAMPLE FOR RADIOLOGIC ANALYSIS



SAMPLE COLLECTED FROM: (check one)

Stream Spring Well
City or Town water distribution system
Other (describe) _____

EXACT DESCRIPTION OF SAMPLING POINT: (see note on reverse side) _____

Service well Sec 24 T35 R64 USM Perf 3140-3148

STATE ENGINEER'S APPLICATION OR CLAIM NO. _____

SUPPLY OWNED BY: _____

PRESENT USE OF SUPPLY: _____

PROPOSED USE OF SUPPLY: Brine injection

SAMPLE COLLECTED BY: Clayton F. Seibert DATE: 7-9-75

REPORT RESULTS TO: R. Henshaw PHONE: _____

Address: _____

DO NOT WRITE BELOW DOUBLE LINE

RESULTS OF ANALYSIS

Turbidity	<u>33.20</u>	J.T.U.	Iron (total) as Fe	_____	mg/l
Conductivity	<u>168640</u>	micromhos/cm	Iron in filtered sample as Fe	_____	mg/l
pH	<u>10.30</u>		Lead as Pb	_____	mg/l
Total Dissolved Solids	<u>150400</u>		Magnesium as Mg	<u>60</u>	mg/l
Alkalinity (total) as CaCO ₃	<u>13632</u>	mg/l	Manganese as Mn	_____	mg/l
Aluminum as Al	_____	mg/l	Mercury as Hg	_____	mg/l
Arsenic as As	_____	mg/l	Nitrate as N	<u>0.15</u>	mg/l
Barium as Ba	_____	mg/l	Nitrite as N	<u>0.0</u>	mg/l
Bicarbonate as HCO ₃	<u>7600</u>	mg/l	Phosphate as PO ₄	<u>2.</u>	mg/l
Boron as B	_____	mg/l	Phenols as Phenol	_____	mg/l
Cadmium as Cd	_____	mg/l	Potassium as K	<u>2600</u>	mg/l
Calcium as Ca	<u>50</u>	mg/l	Selenium as Se	_____	mg/l
Carbonate as CO ₃	<u>34420</u>	mg/l	Silica as SiO ₂	<u>21</u>	mg/l
Chloride as Cl	<u>52000</u>	mg/l	Silver as Ag	_____	mg/l
Chromium (hexavalent) as Cr	_____	mg/l	Sodium as Na	<u>5500</u>	mg/l
Copper as Cu	_____	mg/l	Sulfate as SO ₄	<u>1100</u>	mg/l
Cyanide as CN	_____	mg/l	Surfactant as MBAS	<u>100</u>	mg/l
Fluoride as F	_____	mg/l	Zinc as Zn	_____	mg/l
Hardness (total) as CaCO ₃	<u>150</u>	mg/l	Total Alpha	_____	pci/l
Hydroxide as OH	<u>0</u>	mg/l	Total beta	_____	pci/l
Ammonia N as NH ₃	_____	mg/l	Tritium	_____	nci/l
			Nickel, Ni.	_____	mg/l

LABORATORY BENCH DATA

COMPUTER CODED DATA

Station Designation

Date of Sample YR. MO. DAY

Station Code Serial

YR. MO. DAY

13 - 18 (Blank)

Time Sample Was Taken

Parameter Code

Value

Exponent Remarks

Silica, Dissolved as SiO2 mg/1 ug/1

00955 19-23 24-27 28 29 30

Tot. Alkalinity as CaCO3

00410 31-35 36-39 40 41 42

Chlorine, Total Residual

50060 43-47 48-51 52 53 54

248 Tot. Hardness as CaCO3

00900 55-59 60-63 64 65 66

Total Iron, Sus. and Diss.

01045 67-71 72-75 76 77 78 79

Turbidity as JTU

00070 19-23 24-27 28 29 30

me/l ANIONS

Bicarbonate as HCO3

00440 31-35 36-39 40 41 42

Carbon Dioxide as CO2

00405 43-47 48-51 52 53 54

Carbonate as CO3

00445 55-59 60-63 64 65 66

Specific Cond. at 25°C uMhos/cm

00095 67-71 72-75 76 77 78 79

5076 Chloride, Dissolved

00940 19-23 24-27 28 29 30

242 Carbonate Alk. as CO3

Fluoride as F (dissolved)

00950 43-47 48-51 52 53 54

Hydroxide as OH

71830 55-59 60-63 64 65 66

Iodide as I (dissolved)

71865 67-71 72-75 76 77 78 79

Nitrate as N

00620 19-23 24-27 28 29 30

Nitrite as N

00615 31-35 36-39 40 41 42

Phosphorus, Ortho as P

00671 43-47 48-51 52 53 54

583 Sulfate as SO4

00945 55-59 60-63 64 65 66

510 Surfactant as MBAS

38260 67-71 72-75 76 77 78 79

CCE

32005 19-23 24-27 28 29 30

Cyanide

00720 31-35 36-39 40 41 42

COD, Total

00335 43-47 48-51 52 53 54

Kjeldahl - N (Total)

00625 55-59 60-63 64 65 66

Oil - Grease

00550 67-71 72-75 76 77 78 79

PH

00400 19-23 24-27 28 29 30

Phenolics

32730 31-35 36-39 40 41 42

Phosphate, as P

00650 43-47 48-51 52 53 54

Phosphorus, Tot. Organic

00670 55-59 60-63 64 65 66

Solids, Dis. (DET. @ 180°C) (TDS)

70300 67-71 72-75 76 77 78 79

Solids, Sus. (TSS)

00530 19-23 24-27 28 29 30

Solids, Tot.

00500 31-35 36-39 40 41 42

Solids, Vol.

00505 43-47 48-51 52 53 54

Alpha, Tot. pc/1

01501 55-59 60-63 64 65 66

Beta, Tot. pc/1

03501 67-71 72-75 76 77 78 79

Chemist Date REB 8/18/75

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

LABORATORY BENCH DATA

COMPUTER CODED DATA

Station Designation

Date of Sample

Station Code Serial

YR. MO. DAY

13 - 18
(Blank)

YR. MO. DAY

1 - 6

7 - 12

Time Sample Was Taken

Parameter Code

Value

Exponent Remarks

Silica, Dissolved as SiO₂ mg/1 ug/1

00955. 24 - 27 28 29 30

✓ Tot. Alkalinity as CaCO₃ 63,632

00410 36 - 39 40 41 42

Chlorine, Total Residual []

50060 48 - 51 52 53 54

3.00 Tot. Hardness as CaCO₃ 150

00900 60 - 63 64 65 66

Total Iron, Sus. and Diss. []

01045 72 - 75 76 77 78 79

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

00070 24 - 27 28 29 30

✓ Turbidity as JTU 3320

00440 36 - 39 40 41 42

me/l ANIONS
Bicarbonate as HCO₃⁻ 7600

00405 48 - 51 52 53 54

Carbon Dioxide as CO₂ 0

00445 60 - 63 64 65 66

Carbonate as CO₃⁻ 34,420

00095 72 - 75 76 77 78 79

Specific Cond. at 25°C 168640 uMhos/cm

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

00940 24 - 27 28 29 30

✓ 1495 Chloride, Dissolved 53000

00950 48 - 51 52 53 54

✓ 1273 Carbonate Alk. as CO₃⁻ 38,190

71830 60 - 63 64 65 66

Fluoride as F (dissolved) []

71865 72 - 75 76 77 78 79

Hydroxide as OH⁻ 0

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

00620 24 - 27 28 29 30

✓ Nitrate as N 0.15

00615 36 - 39 40 41 42

✓ Nitrite as N 0.0

00671 48 - 51 52 53 54

Phosphorus, Ortho as P ?

00945 60 - 63 64 65 66

✓ Sulfate as SO₄⁻ 1100

38260 72 - 75 76 77 78 79

2760 Surfactant as MBAS 0.00

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

32005 24 - 27 28 29 30

CCE []

00720 36 - 39 40 41 42

Cyanide []

00335 48 - 51 52 53 54

COD, Total []

00625 60 - 63 64 65 66

Kjeldahl - N (Total) []

00550 72 - 75 76 77 78 79

Oil - Grease []

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

00400 24 - 27 28 29 30

PH 10.30

32730 36 - 39 40 41 42

Phenolics []

00650 48 - 51 52 53 54

Phosphate, as P []

00670 60 - 63 64 65 66

Phosphorus, Tot. Organic []

70300 72 - 75 76 77 78 79

✓ Solids, Dis. (DET. @ 180°C) 150,400
(TDS) 150,000

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

00530 24 - 27 28 29 30

Solids, Sus. (TSS) []

00500 36 - 39 40 41 42

Solids, Tot. []

00505 48 - 51 52 53 54

Solids, Vol. []

01501 60 - 63 64 65 66

Alpha, Tot. [] pc/l

03501 72 - 75 76 77 78 79

Beta, Tot. [] pc/l

Chemist Rebecca 81875

NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE

PLEASE NOTE: Sample cannot be analyzed until all blanks are filled in (Slip must accompany sample)

STATE OF UTAH
DEPARTMENT OF SOCIAL SERVICES
DIVISION OF HEALTH
44 MEDICAL DRIVE
SALT LAKE CITY, UTAH 84113

Lab. No. _____
Sample Received on AUG _____
Analysis Authorization Clifford E. Crane

SAMPLE COLLECTED FROM:

- Stream
- Spring
- Well
- City or Town Water Distribution System
- Other _____

WATER SAMPLE FOR CHEMICAL ANALYSIS
WATER SAMPLE FOR RADIOLOGIC ANALYSIS

NAME OF SOURCE OR SYSTEM:

EXACT DESCRIPTION OF SAMPLING POINT: TEXACO WELL, SEC 24, T 35, R 6W, USM PERFORATIONS - 3502' - 4002' COUNTY: DUCHESENE

STATE ENGINEER'S APPLICATION OR CLAIM NO. _____
SUPPLY OWNED BY: _____
PROPOSED USE OF SUPPLY: BRINE INJECTION PRESENT USE OF SUPPLY: _____
SAMPLE COLLECTED BY: CLEON B. FEIGHT DATE 7-9-75
REPORT RESULTS TO: R. HINSHAW PHONE _____
ADDRESS: BLDG. 72

LABORATORY BENCH DATA			COMPUTER CODED DATA			
Station Designation	Date of Sample YR. MO. DAY		Station Code Serial	YR. MO. DAY	13 - 18 (Blank)	
Time Sample Was Taken _____			Parameter Code	Value	Exponent Remarks	
CATIONS			NOTE: CODE ONLY ENCLOSED VALUES			
me/1	mg/1	ug/1				
Aluminum, Dissolved			01106 19 - 23		24 - 27	28 29 30
Ammonia as N			71845 31 - 35		36 - 39	40 41 42
Arsenic, Dissolved			01000 43 - 47		48 - 51	52 53 54
Barium, Dissolved			01005 55 - 59		60 - 63	64 65 66
Boron, Dissolved			01020 67 - 71		72 - 75	76 77 78 79
Cadmium, Dissolved			NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
80 Calcium, Dissolved	1600		01025 19 - 23		24 - 27	28 29 30
Chromium, Diss. as Cr			00915 31 - 35		36 - 39	40 41 42
Chromium, Hex. as Cr.			01030 43 - 47		48 - 51	52 53 54
Copper, Dissolved			01032 55 - 59		60 - 63	64 65 66
Iron, Dissolved			01040 67 - 71		72 - 75	76 77 78 79
Lead, Dissolved			NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Molybdenum, Dissolved			01046 19 - 23		24 - 27	28 29 30
168 Magnesium, Dissolved	2042		01049 31 - 35		36 - 39	40 41 42
Manganese, Dissolved			01060 43 - 47		48 - 51	52 53 54
Mercury, Sus. and Diss.			00925 55 - 59		60 - 63	64 65 66
Nickel, Dissolved			01056 67 - 71		72 - 75	76 77 78 79
256 Potassium, Dissolved	10000		NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
Selenium, Dissolved			71900 19 - 23		24 - 27	28 29 30
Silver, Dissolved			01065 31 - 35		36 - 39	40 41 42
5224 Sodium, Dissolved	120000		00935 43 - 47		48 - 51	52 53 54
Strontium, Dissolved			01145 55 - 59		60 - 63	64 65 66
5724 Tin, Dissolved			01075 67 - 71		72 - 75	76 77 78 79
Zinc, Dissolved			NEXT CARD - REPEAT COLUMNS 1 - 18 ABOVE			
			00930 19 - 23		24 - 27	28 29 30
			01080 31 - 35		36 - 39	40 41 42
			01100 43 - 47		48 - 51	52 53 54
			01090 55 - 59		60 - 63	64 65 66 67

133,640

File
SWD HI
1A-24-3-6

751055

PLEASE NOTE: Sample cannot be analysed until all blanks are filled in (Slip must accompany sample)

STATE OF UTAH
 DEPARTMENT OF SOCIAL SERVICES
 DIVISION OF HEALTH
 44 MEDICAL DRIVE
 SALT LAKE CITY, UTAH 84113

DO NOT WRITE HERE
 Sample Received on _____
 Analysis Authorization _____
 Classification _____

WATER SAMPLE FOR CHEMICAL ANALYSIS
 WATER SAMPLE FOR RADIOLOGIC ANALYSIS



SAMPLE COLLECTED FROM: (check one)
 Stream Spring Well
 City or Town water distribution system
 Other (describe) _____

EXACT DESCRIPTION OF SAMPLING POINT: (see note on reverse side) _____

Service well 524 735 R6W Perf 3502-4002

STATE ENGINEER'S APPLICATION OR CLAIM NO. _____

SUPPLY OWNED BY: _____

PRESENT USE OF SUPPLY: _____

PROPOSED USE OF SUPPLY: _____

SAMPLE COLLECTED BY: Cleon Feight DATE: 7/9/75

REPORT RESULTS TO: Reum/Hughes PHONE: _____

Address: _____

DO NOT WRITE BELOW DOUBLE LINE

RESULTS OF ANALYSIS

Turbidity	<u>1000</u>	J.T.U.	Iron (total) as Fe	_____ mg/l
Conductivity	<u>557500</u>	micromhos/cm	Iron in filtered sample as Fe	_____ mg/l
pH	<u>5.80</u>		Lead as Pb	_____ mg/l
Total Dissolved Solids	<u>2142.00</u>		Magnesium as Mg	<u>2042</u> mg/l
Alkalinity (total) as CaCO ₃	<u>177</u>	mg/l	Manganese as Mn	_____ mg/l
Aluminum as Al	_____	mg/l	Mercury as Hg	_____ mg/l
Arsenic as As	_____	mg/l	Nitrate as N	<u>0.15</u> mg/l
Barium as Ba	_____	mg/l	Nitrite as N	<u>0.00</u> mg/l
Bicarbonate as HCO ₃	<u>149</u>	mg/l	Phosphate as PO ₄	<u>0.12</u> mg/l
Boron as B	_____	mg/l	Phenols as Phenol	_____ mg/l
Cadmium as Cd	_____	mg/l	Potassium as K	<u>10000</u> mg/l
Calcium as Ca	<u>1600</u>	mg/l	Selenium as Se	_____ mg/l
Carbonate as CaCO ₃	<u>0</u>	mg/l	Silica as SiO ₂	<u>4</u> mg/l
Chloride as Cl	<u>120</u>	mg/l	Silver as Ag	_____ mg/l
Chromium (hexavalent) as Cr	_____	mg/l	Sodium as Na	<u>120000</u> mg/l
Copper as Cu	_____	mg/l	Sulfate as SO ₄	<u>28000</u> mg/l
Cyanide as CN	_____	mg/l	Surfactant as MBAS	<u>0.00</u> mg/l
Fluoride as F	_____	mg/l	Zinc as Zn	_____ mg/l
Hardness (total) as CaCO ₃	<u>124000</u>	mg/l	Total Alpha	_____ pci/l
Hydroxide as OH	<u>0</u>	mg/l	Total beta	_____ pci/l
Ammonia N as NH ₃	_____	_____	Tritium	_____ nci/l
			Nickel, Ni.	_____ mg/l



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U. S.
DENVER DIVISION

January 20, 1976

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201



WELL COMPLETION REPORTS
TEXACO-SKYLINE GOVT. "AG" NO. 1
ANETH UNIT WELL NO. F416
ALTAMONT SWD WELL NO. 1
6.34 (W)

State of Utah
Department of Natural Resources
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Reference your letter dated January 7, 1976, above subject. Texaco-Skyline Govt. "AG" Well No. 1 has been completed and two copies of the Completion Report are attached.

Altamont SWD Well No. 1 has been drilled but completion data is not yet available. Completion Report will be submitted as soon as test data is compiled.

Aneth Unit Well No. F416 has not been drilled. Sundry Notice for Change of Plans is attached.

Very truly yours,

G. L. Eaton
District Superintendent

RDB:rb

GLE-ARM

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1137

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "G"

9. WELL NO.

WD-1

10. FIELD AND POOL, OR WILDCAT

Altamont-Uintah

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

Sec 24-T3S-R6W

12. COUNTY OR PARISH Duchesne

13. STATE Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [] Other Water Disposal

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

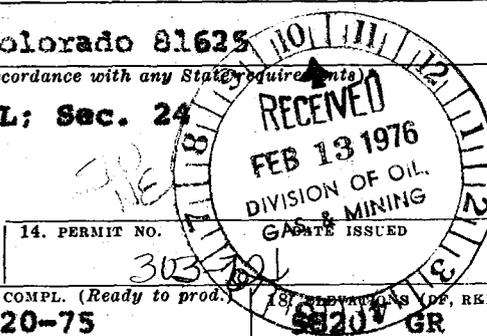
2. NAME OF OPERATOR: TEXACO Inc. Producing Department Rocky Mts. U.S.

3. ADDRESS OF OPERATOR: P.O. Box 157, Craig, Colorado 81625

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 2467' FNL; 1501' FKL; Sec. 24

At top prod. interval reported below

At total depth



14. PERMIT NO. 305-301

15. DATE SPUNDED 5-17-75 16. DATE T.D. REACHED 6-22-75 17. DATE COMPL. (Ready to prod.) 11-20-75 18. OPERATIONS (OF, RKB, RT, GR, ETC.)* 58207 GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4002 21. PLUG, BACK T.D., MD & TVD 4002 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN GR Cement Bond Log, Mini Log, Collar Locator, DIL, Densilog 27. WAS WELL CORED No

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Includes data for 10-3/4" and 7" casings.

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes data for 5" 18# liner and 2-7/8 tubing.

31. PERFORATION RECORD (Interval, size and number) 3/4" hole every 2' in every other joint of 5" liner.

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. For ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION DATE FIRST PRODUCTION 12-4-75 Injection PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Injecting at 950 psi, 113 BWPH WELL STATUS (Producing or shut-in) Injection

DATE OF TEST 1-30-76 HOURS TESTED 4 CHOKE SIZE PROD'N FOR TEST PERIOD Daily average over 20 day period: 395 BWPH

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) water sample from open zone tested 79,000 ppm chlorides. TEST WITNESSED BY

35. LIST OF ATTACHMENTS SWD system summary, SWD plant layout, Building layout, map of gathering lines.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Field Foreman DATE February 10, 1976

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

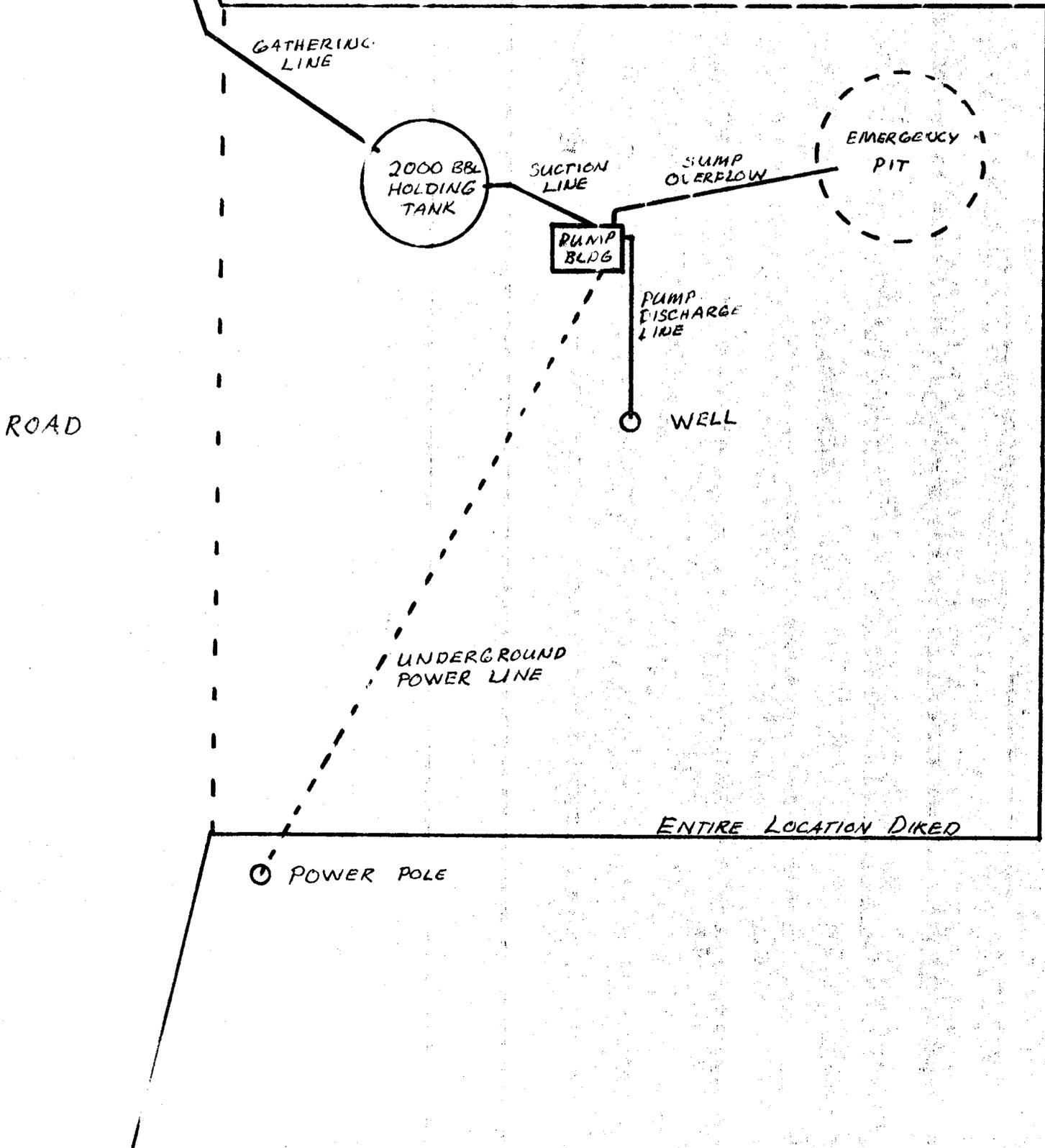
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

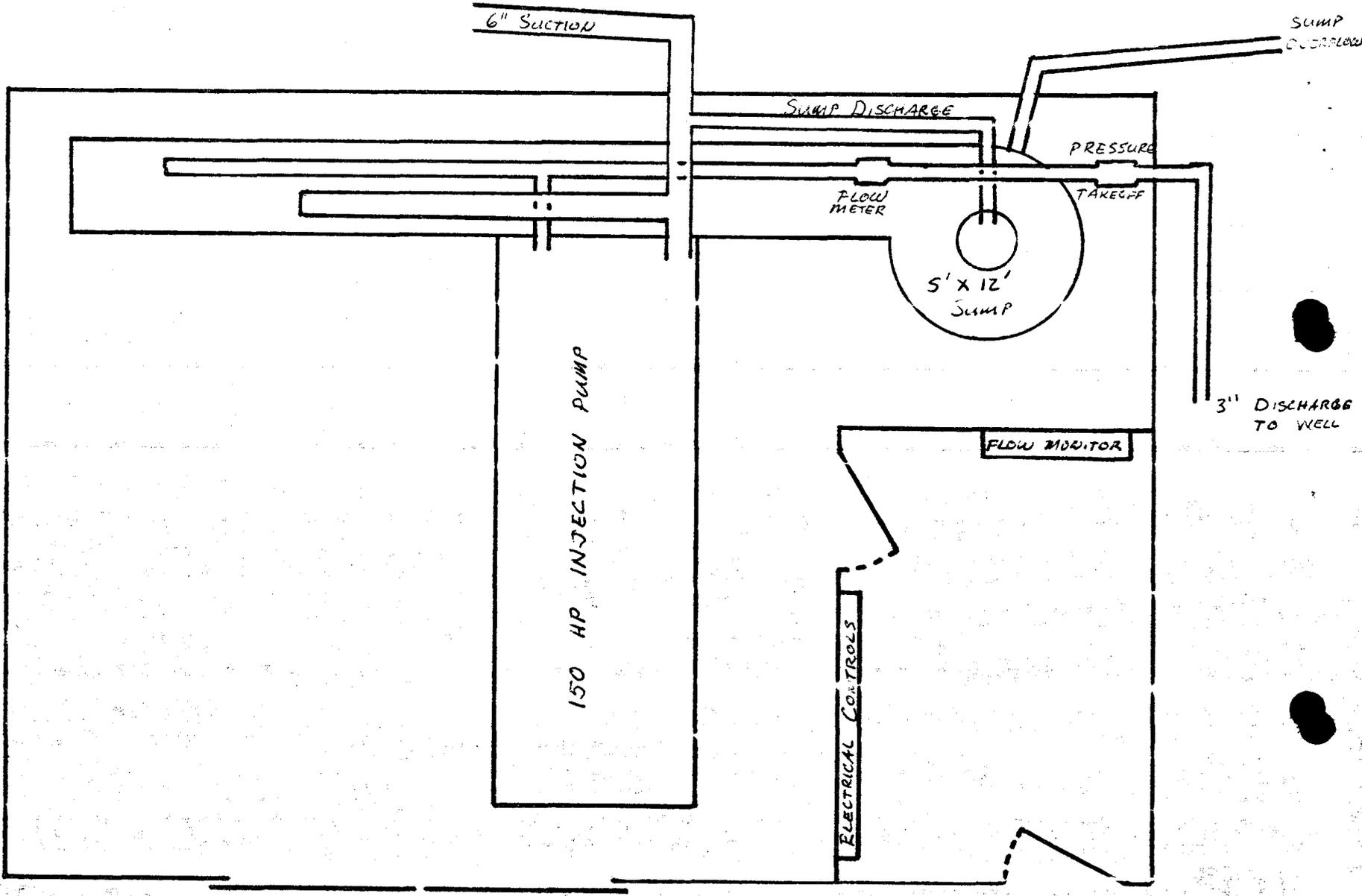
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
				Uintah	Surface to TD

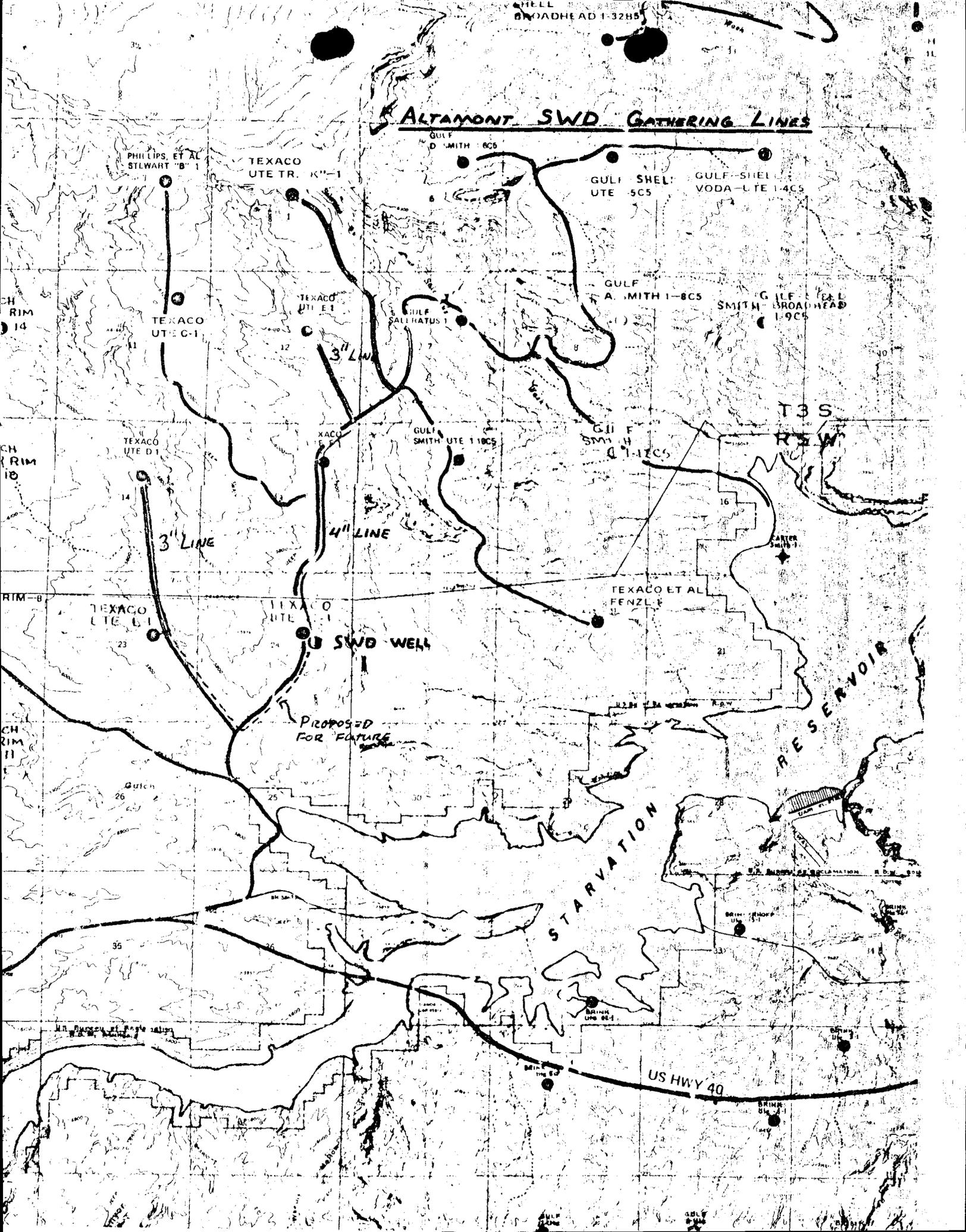
ALTAMONT SALT WATER DISPOSAL PLANT LAYOUT



ALTAMONT SALT WATER DISPOSAL PUMP BUILDING LAYOUT



ALTAMONT SWD GATHERING LINES



ALTAMONT SALT WATER DISPOSAL SYSTEM SUMMARY

I. WELLS PRESENTLY IN SYSTEM

WELL	DAILY WATER PRODUCTION	METHOD OF TRANSPORT
UTE TRIBE E#1	58 BPD	3" PIPELINE
UTE TRIBE F#1	186 BPD	4" PIPELINE
UTE TRIBE G#1	0 BPD	4" PIPELINE
JEIUSEN FEUZL #1	59 BPD	TRUCK

II. INJECTION PUMP:

FWI MODEL HP 160 H

6 1/8" Stroke, 1 7/8" Plungers

Maximum HP: 165 @ 360 RPM

Pumping rate: 2,700 BOPD @ 3,215 PSI

WITH High Pressure (2500 PSI) AND LOW WATER SHUT-DOWN SWITCHES.

III. CONTAINMENT:

ENTIRE LOCATION IS DIKED AND DRAINS TO AN EMERGENCY PIT IN THE NORTHEAST CORNER.

PUMP LEAKAGE IS DRAINED INTO A 5' X 12' SUMP AND PUMPED BACK INTO THE HOLDING TANK.

IV. LINE PIPE:

ALL GATHERING LINES ARE OF 4", 4.36 #/ft, OR 3", 2.56 #/ft T&C fiberglass line pipe rated at 2,000 PSI GUP AND 200°F.

THE INJECTION LINE FROM THE PUMP DISCHARGE TO THE WELLHEAD IS OF WELDED, SCH. 80, 3" STEEL PIPE.

ALL OTHER PIPING IS SCH. 40 STEEL.

V. FLOW MONITORING:

A. WATER VOLUME IS MEASURED WITH A 2"
HALLIBURTON TURBINE FLOWMETER.

B. PRESSURE IS RECORDED WITH 0-2000 PSI
BARTON Model 242 A, 31 DAY PRESSURE RECORDER

August 5, 1977

PROPOSED WORKOVER
UTE TRIBE "G" SWD-1
DUCHESNE COUNTY, UTAH
6.33-2

Mr. E. W. Guynn (3)
District Engineer
U. S. Geological Survey
8426 Federal Building
125 South State Street
Salt Lake City, Utah 84138

Dear Mr. Guynn:

This letter is in reference to the attached Form 9-331 which recommends that Texaco's Ute Tribe "G" SWD-1 be recompleted in several Uintah sands for salt water disposal.

Our Altamont salt water disposal well, the Ute Tribe "G" SWD-1 is presently completed in the Uintah and upper Green River formations. Operating problems are being experienced due to low injectivity and high injection pressures. Maximum pressure limitations will not allow for the continued disposal of produced water without well work. Texaco feels that recompleting into shallower Uintah formation sands is necessary.

Gulf Oil Company is operating a similar SWD well, the Saleratus SWD 2-17C5. This well is completed in shallow Uintah sands two miles east and one mile north of Texaco's SWD well. Injection intervals in the Gulf well are marked on the attached correlation of the two disposal wells. Current disposal rates and pressures in Gulf's well are approximately 3000 SWPD @ 350 PSIG. Their injection interval tested 20,800 ppm TDS which is compatible with the Wasatch produced water. A copy of the lab report is attached.

Texaco's proposal is to recomplete the Ute Tribe "G" SWD-1 into intervals generally correlatable with that open in the Gulf well. The attached log correlation of the two wells was made by correlating Texaco's SWD well with a Gulf producing well, the 1-18C5. The 1-18C5 was then correlated to Gulf's SWD well. The two SWD wells could not be directly correlated as the best correlation points were below TD in the Gulf disposal well.

Mr. E. W. Gynn

- 2 -

August 5, 1977

The proposed injection intervals are marked on the attached log. Cement bond logs indicate good cement above and below the proposed perforations.

Your prompt consideration of this work will be appreciated.

Very truly yours,



D. L. Schulke
Field Foreman

LAA:rb
cc: OGCC
Attach.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE MANNER INDICATED*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1137

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute Tribe "G"

9. WELL NO.

SWD-1

10. FIELD AND POOL, OR WILDCAT

Altamont

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

Sec. 24 T3S-R6W

1. OIL WELL GAS WELL OTHER Salt Water Disposal

2. NAME OF OPERATOR

Texaco Inc.

3. ADDRESS OF OPERATOR

P. O. Box 157, Craig, Colorado 81625

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

NW 1/4 SE 1/4 Sec. 24

2467' FNL & 1501' FEL, Sec. 24

14. PERMIT NO.

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

5775' GR, 5783' KB

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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

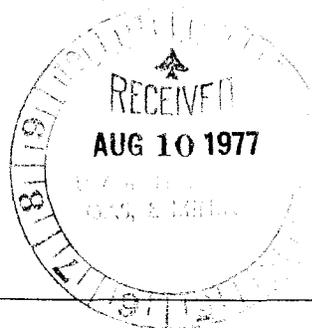
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Texaco plans to set a retrievable bridge plug at 3300' to plug back from the present injection interval, and then perforate the following intervals with two jet shots per foot:

1502-32, 1544-50, 1636-46, 1732-52, 1784-96, 2214-22, 2644-60, 2666-86, 2783-91.

After perforating, the well will be put back on injection with a packer set at 1400'. The intervals to be perforated correlate with the Uintah intervals used for SWD in Gulf's SWD well 2-17C5 located in Section 17, T3S-R5W. No additional surface disturbance will be required.



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

SIGNED

[Signature]

TITLE Field Foreman

DATE 8-5-77

(This space for Federal or State of use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL IF ANY:

USGS (3) OGCC (2) GLE DLS RLS
SLC SLC

*See Instructions on Reverse Side

Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

August 15, 1977

Texaco, Inc.
P.O. Box 2100
Denver, Colorado 80201

Re: Application for proposed Workover
Ute Tribe "G" SWD-1
SW NE Sec. 24-3S-6W., USM
Duchesne County, Utah
Lease T. L. 14-20-462-1137

Gentlemen:

Receipt is acknowledged of your application concerning the referenced well. Please be advised that this office cannot approve the applications as submitted. In the original application, to convert this well to SWD, Texaco, Inc. proposed the present injection interval below a saline facies (2800-2950 feet) to prevent upward migration of injection water from reaching shallower aquifers. The proposed injection, in your present application, is above the saline facies section. If the water quality of the proposed injection interval is compatible to the injection water, Texaco, Inc. must assure that the water is confined to the proposed intervals.

If supplemental information is submitted which can justify that no useable aquifers will be contaminated by injection into the proposed interval, then at this time the application will be reconsidered. Also this office will require a water analysis from a top and bottom perforation of the proposed interval, and more detailed information as set forth in NTL-2B Section II, Number 8.

If you desire further information or explanation, do not hesitate to contact this office. Your cooperation in this matter is appreciated.

Sincerely Yours,

(ORIG. SGD.) E. W. GUYNN

E. W. Guynn
District Engineer

bcc: O&GS, NRMA, Casper
UT Div. of Oil, Gas & Min. ✓
BIA - Ft. Duchesne
USGS - Vernal
NTL-2B
Well file

RAH:rlw



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

December 6, 1978

Texaco, Inc.
P. O. Box 157
Craig, Colorado 81625

Re: ✓ Well No. Altamont SWD #1 (Ut Tri G, WD-1)
Sec. 24, T. 3S, R. 6W,
Duchesne County, Utah (August '78 - Oct. '78)
Well No. Gov't. Smoot #2
Sec. 17, T. 23S, R. 17E,
Grand County, Utah
August 1978 thru' October 1978

Gentlemen:

Our records indicate that you have not filed a "Monthly Disposal Well Report" for the months indicated above on the subject well(s).

In accordance with Rule C-11, General Rules and Regulations and Rules of Practice and Procedure, it is required that a report be filed each month on or before the sixteenth (16) day of the succeeding month following injection. This report may be filed on the enclosed report form, or on company forms containing substantially the same information. We are enclosing forms for your convenience.

In order that we may keep our records accurate and complete, a report is still required each month, whether or not fluids are being injected.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

TO: All Water Disposal Well
Operators

DATE: September 30, 1980

FROM: CLEON B. FEIGHT

SUBJECT: Waste Water Disposal
Well's

A recent survey of the WDW'S in the Uintah Basin was made and the following apparent deficiencies were noted:

(1) If a high-low pressure shut-off switch was installed, in most instances the high shut-off was far above the formation break-down pressure. Also, on many wells, a pressure chart or gauge for injection pressure had not been installed.

(At this point we'd like to remind all operators that one of the conditions for the utilization of WDW'S was the selection of 0.5/lb. square inch/ft. of depth as the overall formation fracture gradient).

(2) In numerous cases we were unable to determine the presence of a recording device or meter for daily volume injected. (This Division does not at this time specify the type of recording device to be utilized, however, in the case of continued absence of any recorder, it shall and will be the prerogative of the Division to shut the WDW in until such time a working recording device is installed).

(3) Housekeeping in many areas is totally inadequate, and results in unnecessary pollution.

(4) Well identification signs were missing on several locations.

This Division would appreciate if all operators would take immediate steps to put these wells in proper operating order no later than October 30, 1980.

Due to the recent adoption of Rules & Regulations for underground injection of produced water, as well as secondary recovery, etc. by the EPA, a representative from said agency will accompany a member of this Division on our November inspection.

Memo
September 30, 1980
Page Two

So at this time we ask and hope that these wells be in First Class condition.

THANK YOU

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
CLEON B. FEIGHT
DIRECTOR

CBF/bjh



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CHARLES R. HENDERSON
Chairman

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

August 11, 1981

Page Petroleum
P.O. Box 1656
Roosevelt, UT 84066

Re: Altamont SWD #1
Sec. 24, T. 3S, R. 6W
Duchesne County, Utah

Gentlemen:

On two recent inspections our inspectors have not been able to unlock the padlock box in order to make inspections of the pumping facilities.

Please contact me at our Division office as soon as possible so we may obtain a key in order that regular monthly inspections can be made on the above mentioned disposal well.

Your prompt attention to this matter will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

THALIA R. PRATT
UNDERGROUND INJECTION SPECIALIST

PAGE

PETROLEUM INC.

November 18, 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114
Attention: Gilbert Hunt

Dear Sir:

Please be advised that Page Petroleum Inc. will be disposing of water at our salt water disposal well in section 24, T3S, R6W, Duchesne County, Utah from the following wells:

Linmar Wildlife Resources 1-33B5
section 33, T2S, R5W, Duchesne County, Utah

Linmar Oman 2-4B4
section 4, T2S, R4W, Duchesne County, Utah

Linmar Hansen 1-16B3
section 16, T2S, R3W, Duchesne County, Utah

Please advise if you have any questions.

Yours Truly,


Ken B. Allen
District Manager

KA/er

cc: Denver

RECEIVED
NOV 19 1982

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT

DATE: 7-21-83

COMPANY/OPERATOR Page Petroleum

Water Disposal Well Enhanced Recovery Well Other

API Well Number 43-013-30372 Field Name Altamont

SEC. 24 TOWNSHIP 3S RANGE 6W WELL NAME/NUMBER Altamont SWO#1

Lease Name/Number 14-20-462-1137 Location SW 1/4 of NE 1/4 COUNTY: Duchesne

INITIAL CONDITIONS:

Long string Rate/Pressure: 2000 bw/d 1450 psi
Short String Rate/Pressure: N/A bw/d N/A psi
Csg-tbg Annulus Pressure: 0 psi

CONDITIONS DURING TEST:

Long string Pressure: 1450 psi 13 Minutes Time: 11:44 to 11:57
Short string Pressure N/A psi Minutes
Csg-tbg Annulus Pressure 1,000 psi
Amount of water added to annulus: 0 bbls

AFTER ANNULUS BLEED OFF:

Long string Pressure: 1300 psi
Short string Pressure: N/A psi
Csg-tbg Annulus Pressure: 0 psi

REMARKS: Well tested during injection

Csg-tbg annulus pressure went up to 1200 psi during test but held steady for 10 min, probably due to heat expansion - test looks good.

DEM Hat Oil Service.

Scott McKinnon
Operator Representative (Name)

Shelia Pratt
UIC FIELD INSPECTOR (Witness)

UIC FIELD INSPECTOR (Witness)

Field No. _____

<input checked="" type="checkbox"/> TC	<input type="checkbox"/> TM	<input type="checkbox"/> Nut
<input checked="" type="checkbox"/> PC	<input type="checkbox"/> PM	<input type="checkbox"/> BOD

<input type="checkbox"/> Post.
<input type="checkbox"/> Rad.
<input type="checkbox"/> Bact.
<input type="checkbox"/> Spec.

Date Recd.: _____
 Received By: _____

UTAH STATE DEPARTMENT OF HEALTH
 ENVIRONMENTAL HEALTH
 WATER ANALYSES

Sample No. **701**

Store No. _____ Water Syst. No. _____ Source No. _____
 Date Collected **8/30/72** Time Collected **12:00** Water Rights No. _____
 Yr. mo. dy. 24-hour clock
 Exact Description of sampling Point
2206 UTETROTIN P A Y L

Sample Source **02** County **61**

01 Spring	14 Other	01 Beaver	16 Plute
02 Well	15 Tunnel	02 Box Elder	17 Rich
03 Stream	18 Artesian	03 Cache	18 Salt Lake
04 Lake	well	04 Carbon	19 San Juan
05 Dist. syst.	19 Swimming pool	05 Daggett	20 Sanpete
06 Effluent		06 Davis	21 Sevier
07 Storm sewer		07 Duchesne	22 Summit
		08 Emery	23 Tooele
		09 Garfield	24 Uintah
		10 Grand	25 Utah
		11 Iron	26 Wasatch
		12 Juab	27 Washington
		13 Kane	28 Wayne
		14 Millard	29 Weber
		15 Morgan	

Current use **4** **708**
 Proposed use **709**
 1. Culinary
 2. Agriculture
 3. Industrial
 4. Other
 Cost Code **700** **770**

Supply Owned by _____ Sample Type **DU** **710**
 Sample Collected by **C B FEIGHT** **713**
 SEND REPORT TO: Phone **533 5771** **715**
C B FEIGHT **715**
DIV OIL GAS MINING **648**
STATE OFF BLDG **717**
 Zip code _____

1 FIELD TESTS

Temperature (°C)	792	CO ₂ , mg/l	572
D.O., mg/l	793	Depth, m	609
Sp. Cond. μ mhos	653	Cl Resid., mg/l	753
pH	651	Flow, MGD	652
Sp. Gravity	608	Flow, GPM	604
Transparency, m	649	Flow, cfs	659

2 WASTEWATER ANALYSIS BACT. LAB. No. _____

Temperature (°C)	650	pH	782	M.P.N. Total Coliforms/100ml	658
B.O.D. ₅		T.O.C.	671	M.P.N. Fecal Coliforms/100ml	657
<input checked="" type="checkbox"/> Tot. Sus. Solids	39 787	C.O.D.	777	Fecal Strep C/100ml.	656
NO ₂ +NO ₃ -N	602	Cyanide	775	M.F. Total Coliforms/100ml.	654
T.K.N.	778	Phenolics	783	M.F. Fecal Coliforms/100ml.	655
Oil & Grease	780	Sulfide	672	Plate Count-Org./ml.	699

3 CATIONS

Ammonia as N	722
Arsenic	723
Barium	724
Boron	725
Cadmium	727
Calcium	728
Chromium	729
Chromium, Hex. as Cr	730
Copper	732
Iron, dissolved	733
Lead	734
Magnesium	737
Manganese	738
Nickel	740
Potassium	742
Selenium	743
Silver	744
<input checked="" type="checkbox"/> Sodium	2169 745
Zinc	749

TOTAL CATIONS _____

Sp. Cond. μ mhos/cm. **762**
 TDS @ 180°C **7059** **786**

4 CHEMICAL ANALYSIS

Bicarbonate	758
Carbon Dioxide	759
Carbonate	760
Chloride	763
CO ₂ Solids	765
Fluoride	767
Hydroxide	767
Nitrate as N	605
Nitrite as N	606
Phosphorus, Ortho as P	607
Silica, dissolved as SiO ₂	750
Sulfate	772
Tot. Phosphorus	785
Total Alk. as CaCO ₃	752
T. Hdns. as CaCO ₃	754
Surfactant as MBAS	773
Turbidity, as NTU	757
Sp. Gravity	608

TOTAL ANIONS _____
 GRAND TOTAL _____

5 TOTAL METALS ANALYSIS

Aluminum	800
Arsenic	660
Barium	661
Beryllium	801
Cadmium	662
Chromium	663
Cobalt	804
Copper	664
Gold	700
Iron	755
Lead	665
Manganese	666
Mercury	739
Molybdenum	802
Nickel	667
Selenium	668
Silver	669
Uranium	601
Vanadium	803
Zinc	670

6 RADIOLOGICS

Alpha, gross	621	⁸⁹ Sr	633
Beta, gross	623	¹³¹ I	635
Tritium, ³ H	625	¹³⁴ Cs	637
²²⁶ Radium	627	¹³⁷ Cs	639
²²⁸ Radium	629		
⁹⁰ Sr	631		

Analyses Approved By: **REL** Date: **8/30/72**

INTERPRETATION OF ANALYSES:
 Remarks: _____

Based on State Standards, this sample was:

Satisfactory	<input type="checkbox"/>
Conditional	<input type="checkbox"/>
Unsatisfactory	<input type="checkbox"/>

B.O.D.₅ _____
 Tot. Sus. Solids _____
 M.P.N. Total Coliform. _____
 M.P.N. Fecal Coliform. _____

By: _____ ENVIRONMENTAL HEALTH

UNITED STATES GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate. Other instructions on reverse side)

7

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
Page Petroleum Inc;

3. ADDRESS OF OPERATOR
P.O. Box 1656 Roosevelt, Utah 84066

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

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DT, RT, OR, etc.) _____

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. _____

10. FIELD AND POOL, OR WILDCAT
Bluebell East

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

12. COUNTY OR PARISH _____

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 PLANE <input type="checkbox"/>	(Other) _____	
(Other) NTL-2B <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 and 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.)*

Application is hereby made as per the revisions of the NTL-2B to dispose of produced water from the following wells: Page Ute Tribal P-1, section 3, T2S, R1E; Page Ute Tribal O-1, section 4, T2S, R1E; Page Ute Tribal 1-11B1E, section 11, T2S, R1E; Earl Gardner B-1, section 9, T2S, R1E, Page Bacon 1-10B1E, section 10, T2S, R1E; Page Ute Tribal 1-14B1E, section 14, T2S, R1E, F.J. Fenzel, section 15, T2S, R2W. The water will be trucked to Page's disposal well in section 24, T3S, R6W.

The pits on these locations will be used as emergency pits if it becomes necessary during a workover procedure or other operations on these wells.

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

SIGNED Ellean Las musesa TITLE Roosevelt Office Manager DATE 8/24/83

(This space for Federal or State office use)

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

M. RANDY HUBER

P.O. Box 275
Bus: (801) 722-9991
Radio Dispatch: (801) 722-4501 or (801) 789-4200 Unit 8717

Roosevelt, Utah 84086
Res: (801) 722-3846

FLOYD H. COLLETT

P.O. Box 275
Bus: (801) 722-9991
Radio Dispatch: (801) 722-4501 or (801) 789-4200 Unit 8717

Roosevelt, Utah 84086
Res: (801) 722-3832

HUCO
CHEMICALS



WATER ANALYSIS REPORT

COMPANY Graham Energy Ltd. ADDRESS _____ DATE: 3-21-87

SOURCE G Water Disposal DATE SAMPLED 3-19-87 ANALYSIS NO. _____

Analysis 35 LW Sec. 24

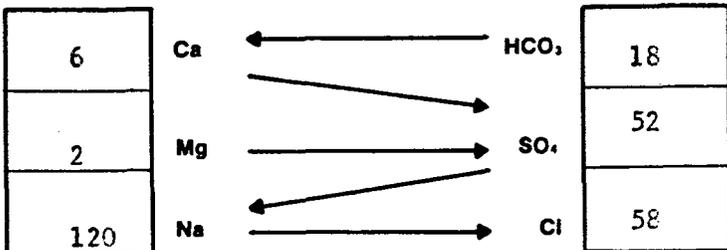
	Mg/l (ppm)	*Meq/l
1. PH	<u>8.0</u>	
2. H ₂ S (Qualitative)	<u>25.0 ppm.</u>	
3. Specific Gravity	<u>1.005</u>	
4. Dissolved Solids	<u>8,555</u>	
5. Suspended Solids	_____	
6. Anaerobic Bacterial Count	_____ C/MI	
7. Methyl Orange Alkalinity (CaCO ₃)	_____	
8. Bicarbonate (HCO ₃)	<u>HCO₃ 1100</u>	<u>÷61 18</u> HCO ₃
9. Chlorides (Cl)	<u>Cl 2050</u>	<u>÷35.5 58</u> Cl
10. Sulfates (SO ₄)	<u>SO₄ 2500</u>	<u>÷48 52</u> SO ₄
11. Calcium (Ca)	<u>Ca 124</u>	<u>÷20 6</u> Ca
12. Magnesium (Mg)	<u>Mg 22</u>	<u>÷12.2 2</u> Mg
13. Total Hardness (CaCO ₃)	<u>400</u>	
14. Total Iron (Fe)	<u>0</u>	
15. Barium (Qualitative)	_____	
16. Phosphate Residuals	_____	

RECEIVED
APR 03 1987

DIVISION OF
OIL, GAS & MINING

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>6</u>		<u>486</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>2</u>		<u>146</u>
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>10</u>		<u>840</u>
Na ₂ SO ₄	71.03		<u>52</u>		<u>3653</u>
Na Cl	58.46		<u>58</u>		<u>3390</u>

REMARKS _____

24

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

TEST DATE: 1/8/80²¹ WELL OWNER/OPERATOR: Graham
 DISPOSAL WELL: ENHANCED RECOVERY WELL: OTHER:
 API NO: 43- 18 30372 WELL NAME/NUMBER: SWD # 1
 SECTION: 24 TOWNSHIP: 35 RANGE: 6W

INITIAL CONDITIONS:

TUBING - rate: _____ pressure: 500 100 psi
 CASING/TUBING ANNULUS - pressure: 0

CONDITIONS DURING TEST:

TUBING pressure: 100 psi for 15 minutes
 CASING/TUBING ANNULUS pressure: 500 psi
 annulus pressure drop during test: 0 psi

CONDITIONS AFTER TEST:

TUBING pressure: 100 psi
 CASING/TUBING ANNULUS pressure: 0 psi

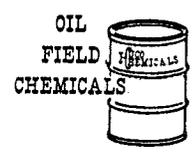
REMARKS: Passal MIT

Scott McKinnon
 OPERATOR REPRESENTATIVE

Ann Lewis
 DOGM WITNESS

Graham SWP #1 *Duchesne County*

Huco Chemicals



M. RANDY HUBER

P.O. Box 275 Roosevelt, Utah 84066
 Bus: (801) 722-9991 Res: (801) 722-3846
 Radio Dispatch: (801) 722-4501 or (801) 789-4200 Unit 9711

WATER ANALYSIS REPORT

COMPANY Graham 'G' ADDRESS Duchesne, Utah DATE: 5-4-90

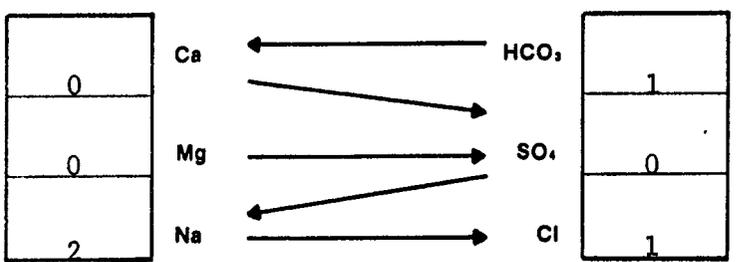
SOURCE Surface Csg. DATE SAMPLED 5-3-90 ANALYSIS NO. _____

Analysis	Mg/l (ppm)
1. PH	<u>8.0</u>
2. H ₂ S (Qualitative)	<u>non-detected</u>
3. Specific Gravity	<u>1.005</u>
4. Dissolved Solids	_____
5. Suspended Solids	_____
6. Anaerobic Bacterial Count	_____ C/MI
7. Methyl Orange Alkalinity (CaCO ₃)	<u>120</u>
8. Bicarbonate (HCO ₃)	HCO ₃ <u>100</u> ÷61 <u>1</u> HCO ₃
9. Chlorides (Cl)	Cl <u>35</u> ÷35.5 <u>1</u> Cl
10. Sulfates (SO ₄)	SO ₄ <u>20</u> ÷48 <u>0</u> SO ₄
11. Calcium (Ca)	Ca <u>8</u> ÷20 <u>0</u> Ca
12. Magnesium (Mg)	Mg <u>4</u> ÷12.2 <u>0</u> Mg
13. Total Hardness (CaCO ₃)	<u>15</u>
14. Total Iron (Fe)	<u>1</u>
15. Barium (Qualitative)	_____
16. Phosphate Residuals	_____

UIC	
GLH	<input checked="" type="checkbox"/>
DJJ	<input type="checkbox"/>
BGH	<input type="checkbox"/>
COMPUTER	
MICROFILM	
FILE	

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04				
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>1</u>		<u>84</u>
Na ₂ SO ₄	71.03				
Na Cl	58.46		<u>1</u>		<u>58</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS From tank discovered in surface casing.

UTAH DIVISION OF OIL, GAS AND MINING



Underground Injection Control Program

**** NOTICE ****

Date: May 22, 1990

To: Graham Resources, Inc.

From: Utah Division of Oil, Gas and Mining
UIC Program

Subject: SWD #1 Well, Township 3 South, Range 6 West,
Duchesne County, Utah, 43-013-30372

Please be advised that during a recent inspection of the referenced well a problem was observed which needs to be corrected.

(X) Water was leaking from the pump house and ponding on location.

Please call the UIC staff at (801) 538-5340 if you have questions or need clarification.

UIC	
GLH	<input checked="" type="checkbox"/>
DJJ	<input type="checkbox"/>
BGH	<input type="checkbox"/>
COMPUTER	<input checked="" type="checkbox"/>
MICROFILM	<input type="checkbox"/>
FILE	<input type="checkbox"/>
Enforcement	

PPI (UTAH) Inc.

Revenue Payments to:
PPI (Utah) Inc.
c/o The Royal Bank of Canada
Account No. 186-107-9
Pierrepont Plaza # 14
300 Cadman Plaza West
Brooklyn, NY 11201-2701
USA
Phone: (212) 858-7127

All Other Correspondence to:
PPI (Utah) Inc.
c/o Cord Oil & Gas Management Limited
1590, 540 - 5th Avenue S.W.
Calgary, Alberta
Canada
T2P 0M2
Phone: (403) 266-3363

By Telecopy

January 8, 1991

RECEIVED
JAN 11 1991

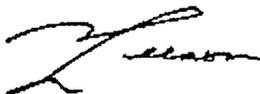
Graham Energy Services, Inc.
109 Northpark Blvd.
P.O. Box 3134
Covington, LA 70434-3134
USA

DIVISION OF
OIL, GAS & MINING

Attention : Bill Aspinwall
Gentlemen :
Re : Change of Operator

An authorized copy of your January 7, 1991 Letter Agreement is attached.

Yours very truly,
PPI (Utah) Inc.



Neil Leeson, P. Eng.
U.S. Operations Manager

NL:wh

Enclosure

January 7, 1991

Mr. Jake Harouny, President
 Medallion Exploration
 2225 East 4800 South, Suite 107
 Salt Lake City, Utah 84117

RECEIVED
 JAN 11 1991

Mr. Neil Leeson
 PPI (Utah) Inc.
 c/o Cord Oil & Gas Management
 1590, 540 - 5th Ave. SW
 Calgary, Alberta
 Canada T2P0M2

DIVISION OF
 OIL, GAS & MINING

Re: Change of Operator
 Utah Properties; Operating Agreement
 dated July 20, 1982
 Uintah and Duchesne Counties, Utah
 Proposed Amendments

Gentlemen:

By letter dated December 17, 1990, Graham proposed to resign as Operator under the captioned Operating Agreement, subject to the negotiation and execution of a new Operating Agreement, using the AAPL Model Form 610-1989. In subsequent phone conversations, both Medallion Exploration ("Medallion") and PPI (Utah) Inc. ("Page") have expressed the position that the time required to negotiate and obtain a completely executed new operating agreement would be too long. Both Medallion and Page, however, expressed opinions that the current Operating Agreement could be improved by way of mutually acceptable amendments. In response to the stated objections of Medallion and Page, Graham proposes hereby that Graham, Medallion and Page agree to negotiate in good faith amendments to the existing operating agreement which will address the subjects listed on the attached Schedule I. Further, upon being provided with written evidence of Medallion's and Page's acceptance of this proposal, Graham will resign as Operator, effective January 31, 1991 and will accept the selection of Medallion Exploration as Successor Operator.

Accordingly, upon such acceptance, this letter will evidence the agreement of Graham Royalty, Ltd., Graham Energy, Ltd., Medallion Exploration and PPI (Utah) Inc. to negotiate in good faith an amendment or amendments to that certain Operating Agreement dated July 20, 1982 which will address the issues listed on Schedule I attached hereto and made a part hereof. It is expressly understood that the agreement expressed herein

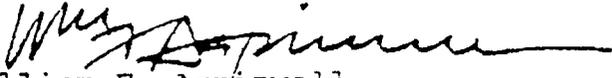
Medallion Exploration
PPI (Utah) Inc.
January 7, 1991
Page 2

shall not constitute any amendment to the aforesaid Operating Agreement, but shall be a commitment to negotiate in good faith for the benefit of the Joint Account, as defined in said Operating Agreement.

Please evidence your acceptance by signing where indicated below and return one signed copy to the undersigned. Upon receipt of copies signed by Medallion and Page, Graham will resign as Operator as stated above.

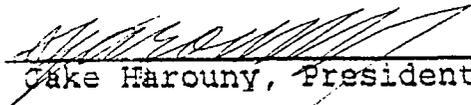
Very truly yours,

LAND DEPARTMENT


William F. Aspinwall
Division Landman
Denver Division
Acquisitions/Operations

Agreed and Accepted this 7th
day of January, 1991
MEDALLION EXPLORATION

Agreed and Accepted this _____
day of _____, 1991
GRAHAM ROYALTY, LTD.

By: 
Jake Harouny, President

By: _____
James W. Carrington, Jr.
Land Manager

Agreed and Accepted this _____
day of _____, 1991
PPI (UTAH) INC.
By Cord Oil & Gas
Management Limited,
Asset Manager

Agreed and Accepted this _____
day of _____, 1991
GRAHAM ENERGY LTD.

By: _____
Neil Leeson
U. S. Operations Manager

By: _____
James W. Carrington, Jr.
Land Manager

WFA:ecb
WFA143
Enclosure
cc: W. L. Dover, Denver Division
J. Kilchrist
Carl Hargis
Ray Roush

SCHEDULE I

Attached to and made a part of Letter Agreement dated January 7, 1991, addressed to Medallion Exploration and PPI (Utah) Inc.

Subjects to be Addressed in Proposed Amendments

1. Effect of Bankruptcy (See Article V.B.3., AAPL Model Form 610-1989)
2. Elective Rights with respect to parties in default of payment of Joint Account obligations. (See Article VII.D., AAPL Model Form 610-1989)
3. Clarification of enforcement of lien rights provided for under Operating Agreement. (See Article VII.B., AAPL Model Form 610-1989)
4. Clarification of provisions regarding Removal of Operator (See Article V.B.1., AAPL Model Form 610-1989)
5. Updating Exhibit A to accurately reflect current interests of the parties in the Contract Area
6. Recordation of Memorandum of Operating Agreement, as amended.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

LEASE DESIGNATION & SERIAL NO.
1420H621137 / FEE

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.)

JAN 11 1991

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR MEDALLION EXPLORATION		8. FARM OR LEASE NAME UTE TRIBE "G"	
3. ADDRESS OF OPERATOR 2225 E 4800 SOUTH, #107, SLC, UT 84117		9. WELL NO. WD-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below) At surface 2467' FNL; 1501 FEL; SEC 24 T3S R6W		10. FIELD AND POOL, OR WILDCAT ALTAMONT	
At proposed prod. zone		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA 24 3S6W	
14. API NO. 4301330372	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5820' GR	12. COUNTY 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"/>	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) CHANGE OPERATOR <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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

* Must be accompanied by a cement verification report.

EFFECTIVE FEBRUARY 1, 1991, MEDALLION EXPLORATION WILL ASSUME THE RESPONSIBILITY AS OPERATOR OF THE HERE-IN DESCRIBED WELL/LEASE.

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

SIGNED [Signature] TITLE OFFICE MANAGER DATE JAN 11, 1991

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Graham Royalty, Ltd.

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
1675 Larimer, Suite 400, Denver, CO 80202

9. WELL NO.

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

10. FIELD AND POOL, OR WILDCAT

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

14. API NO.

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

12. COUNTY

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
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) CHANGE OF OPERATOR

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

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

* Must be accompanied by a cement verification report.

Effective Feb. 1, 1991 Medallion Exploration is the designated Operator of those wells and leases currently operated by Graham Royalty, Ltd. as shown on the attached.

RECEIVED
FEB 12 1991

DIVISION OF
OIL, GAS & MINING

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

GRAHAM ROYALTY, LTD.

SIGNED [Signature]

TITLE _____

DATE 2/4/91

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

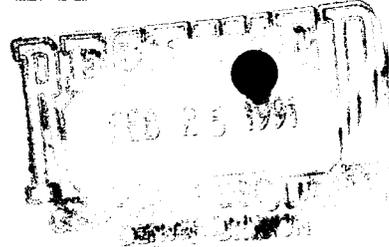
DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

ATTACHMENT TO STATE OF UTAH CHANGE OF OPERATOR

<u>Well Name</u>	<u>Location</u>	<u>API Number</u>
✓Earl Gardner "B" #1	NE SW Sec. ^{9 25, 1E} 12-3S-6W	4304730197
✓F. J. Fenzl #1 SW	SW NE Sec. 15-2S-2W	4301330311
✓Jensen Fenzl #1	SW NE Sec. 20-3S-5W	4301330177
✓Ute Tribal #1-9C6	SW NE Sec. 9-3S-6W	4301330487
✓Ute Tribal #1-10B1E	SE NW Sec. 10-2S-1E	4304730881
✓Ute Tribal #2-2C6	SW SW Sec. 2-3S-6W	4301330531
✓Ute Tribal #2-9C6	SW SW Sec. 9-3S-6W	4301331096
✓Ute Tribal #2-11C6	NE SW Sec. 11-3S-6W	4301330534
✓Ute Tribal #2-13C6	NE SW Sec. 13-3S-6W	4301330530
✓State #2-20C5	NE SW Sec. 20-3S-5W	4301330550
✓Ute Tribal #2-23C6	NE SW Sec. 23-3S-6W	4301330537
✓Ute Tribal #E-1	SW NE Sec. 12-3S-6W	4301330068
✓Ute Tribal #E-2	SW SW Sec. 12-3S-6W	4301330500
✓Ute Tribal #F-1	NE NE Sec. 13-3S-6W	4301330103
✓Ute Tribal #G-1	SW NE Sec. 24-3S-6W	4301330298
✓Ute Tribal #G-1 SWD (WG-1)	SW NE Sec. 24-3S-6W	4301330372
✓Ute Tribal #K-1	NW SE Sec. 1-3S-6W	4301330280
✓Ute Tribal #L-1	SW NE Sec. 23-3S-6W	4301330310
✓Ute Tribal #O-1	SE NW Sec. 4-2S-1E	4304730183
✓Ute Tribal #P-1	SW NE Sec. 3-2S-1E	4304730190



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: SWD #1
Field or Unit name: ALTAMONT API no 4301330372
Well location: QQ SWNE section 24 township 3S range 6W county DUCHESNE
Effective Date of Transfer: FEBRUARY 1, 1991

CURRENT OPERATOR
Transfer approved by:
Name Wilbur L. Dover Company Graham Royalty, Ltd.
Signature *Wilbur L. Dover* Address 1675 Larimer Street, #400
Title VP/Denver Division Manager Denver, Colorado 80202
Date February 25, 1991 Phone (303) 629-1736
Comments:

NEW OPERATOR
Transfer approved by:
Name JAKE HAROUNY Company MEDALLION EXPLORATION
Signature *Jake Harouny* Address 2225 E. 4800 S. #107
Title PRESIDENT S.L.C., UTAH 84117
Date FEB. 22, 1991 Phone (801) 277-0801
Comments:

(State use only)
Transfer approved by *[Signature]* Title *UIC Manager*
Approval Date *3-20-91* *well is covered by Graham's bond until a replacement is in place.*



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing;	
1- LCR	GIL
2- DTS	DTS
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- LCR	

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-1-91)

TO (new operator)	<u>MEDALLION EXPLORATION</u>	FROM (former operator)	<u>GRAHAM ROYALTY, LTD.</u>
(address)	<u>2225 E. 4800 S. #107</u>	(address)	<u>1675 LARIMER STREET</u>
	<u>SALT LAKE CITY, UT 84117</u>		<u>DENVER, CO 80202</u>
	<u>JAKE HAROUNY</u>		<u>CINDI ROBBINS</u>
	<u>phone (801) 277-0801</u>		<u>phone (303) 629-1736</u>
	<u>account no. N 5050</u>		<u>account no. N 0505</u>

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

PA

Name:	<u>FJ FENZEL #1/GR-WS & GR</u>	API:	<u>4301330311</u>	Entity:	<u>4535</u>	Sec	<u>15</u>	Twp	<u>2S</u>	Rng	<u>2W</u>	Lease Type:	<u>FEE</u>
Name:	<u>JENSEN FENZEL #1/GR-WS</u>	API:	<u>4301330177</u>	Entity:	<u>4524</u>	Sec	<u>20</u>	Twp	<u>3S</u>	Rng	<u>5W</u>	Lease Type:	<u>FEE</u>
Name:	_____	API:	_____	Entity:	_____	Sec	_____	Twp	_____	Rng	_____	Lease Type:	_____
Name:	<u>FEE 2-20C5/GR-WS</u>	API:	<u>4301330550</u>	Entity:	<u>4527</u>	Sec	<u>20</u>	Twp	<u>3S</u>	Rng	<u>5W</u>	Lease Type:	<u>FEE</u>
Name:	<u>UTE TRIBAL 1-10B1E/GR-WS</u>	API:	<u>4304730881</u>	Entity:	<u>4537</u>	Sec	<u>10</u>	Twp	<u>2S</u>	Rng	<u>1E</u>	Lease Type:	<u>FEE</u>
Name:	<u>EARL GARDNER B-1/GR-WS</u>	API:	<u>4304730197</u>	Entity:	<u>4539</u>	Sec	<u>9</u>	Twp	<u>2S</u>	Rng	<u>1E</u>	Lease Type:	<u>FEE</u>
Name:	<u>ALTAMONT SWD #1/UNTA</u>	API:	<u>4301330372</u>	Entity:	<u>99990</u>	Sec	<u>24</u>	Twp	<u>3S</u>	Rng	<u>6W</u>	Lease Type:	<u>FEE</u>

OPERATOR CHANGE DOCUMENTATION

- Yea 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 1-22-91) (Rec. 2-12-91)*
- Yea 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(1-11-91)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yea 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-14-91)*
- Yea 6. Cardex file has been updated for each well listed above.
- Yea 7. Well file labels have been updated for each well listed above.
- Yea 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-14-91)*
- Yea 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. * 910208 Need replacement "see bond file."
- 2. A copy of this form has been placed in the new and former operators' bond files. *(upon completion of routing)*
- 3. The former operator has requested a release of liability from their bond (yes/no) NO. Today's date Feb. 12, 1991. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: March 27 1991.

FILED

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

REMARKS

* This change applies to FEE LAND wells only - see also change for Indian Leases. (separate)



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

April 17, 1991

Ms. Cindi Robbins
Graham Royalty, Ltd.
1675 Larimer Street
Denver, Colorado 80202

WDW

Dear Ms. Robbins:

Re: Notification of Sale or Transfer of Lease Interest

The division has received notification of a change of operator from Graham Royalty, Ltd., to Medallion Exploration for the following wells which are located on fee leases:

F.J. Fenzel 1, Sec 15, T2S, R2W, Duchesne County	API No. 43-013-30311
Jensen Fenzel 1, Sec 20, T3S, R5W, Duchesne County	API No. 43-013-30177
Fee 2-20C5, Sec 20, T3S, R5W, Duchesne County	API No. 43-013-30550
Ute Tribal 1-10B1E, Sec 10, T2S, R1E, Uintah County	API No. 43-047-30881
Earl Gardner B-1, Sec 9, T2S, R1E, Uintah County	API No. 43-047-30197
Altamont SWD 1, Sec 24, T3S, R6W, Duchesne County	API No. 43-013-30372

Rule R615-2-10 of the Utah Oil and Gas Conservation General Rules, requires that the owner of a lease provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Hawks Industries, Inc. of its responsibility to notify all individuals with an interest in these leases of the change of operator. Please provide written documentation of this notification to the division no later than May 7, 1991.

Sincerely,

Don Staley
Administrative Supervisor
Oil and Gas

ldc
cc: R.J. Firth
Well file

WOI201

an equal opportunity employer



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

AUG 18 1992

Ref: 8WM-DW

Mr. Jake Harouny
Medallion Exploration
2225 East 4800 South, #107
Salt Lake City, UT 84117

RE: UNDERGROUND INJECTION CONTROL (UIC)
Mechanical Integrity Test
Ute Tribal "G" WD-1
EPA #UT2000-02551
Uintah County, Utah

Dear Mr. Harouny:

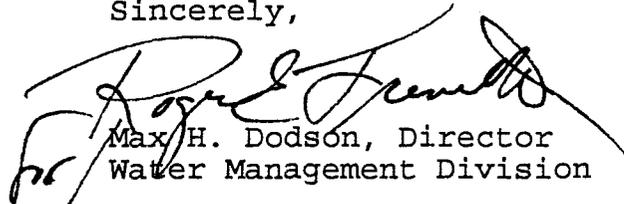
On July 15, 1992, pressure testing operations were conducted on the referenced well to determine mechanical integrity. The testing was witnessed by Mr. Chuck Williams and Mr John Carson of this office and your Mr. Robert Morlan.

Results of the pressure test indicated that the packer and/or tubing were possibility leaking as the tubing injection pressure and annulus pressure were approximately the same.

Please make the necessary remedial actions to bring the Ute Tribal "G" WD-1 into compliance as soon as possible but no later than 30 days following receipt of this letter. Prior to resuming injection operations, Medallion Exploration must conduct and pass an authorized EPA witnessed Mechanical Integrity Test (MIT).

Please direct correspondence concerning this action to the attention of Chuck Williams at Mail Code 8WM-DW or you may telephone Mr. Williams at (303) 293-1550. Thank you for your cooperation.

Sincerely,


Max H. Dodson, Director
Water Management Division

cc: Mr. Robert Morlan
Medallion Exploration
P. O. Box 891
Duchesne, UT 84021

cc: Mr. Ferron Secakuku
Ute Indian Tribe

Mr. Charles Cameron
Bureau of Indian Affairs

Mr. Gil Hunt
State of Utah Natural Resources
DOGM

RECEIVED

AUG 21 1992

**DIVISION OF
OIL GAS & MINING**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

JUL - 8 1993

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Jake Harouny
Medallion Exploration
2225 East 4800 South, #107
Salt Lake City, UT 84117

RECEIVED

JUL 12 1993

DIVISION OF
OIL, GAS & MINING

RE: UNDERGROUND INJECTION CONTROL (UIC)
Water Disposal - Injection History
Ute Tribal "G" WD-1A
EPA #UT2000-02551
Uintah County, Utah

Dear Mr. Harouny:

It has come to our attention while reviewing the "Report of Water Disposal Wells and Injection History, Altamont-Bluebell Area, 1970 - 1990", compiled by the State of Utah Division of Oil, Gas and Mining, UIC Section, an anomalous trend on the referenced well operated by Medallion Exploration.

The report charts and graphs yearly volumes, rates and pressure for injection operations, and the referenced well showed a drop in pressure coincident with an increase in the rate of injection. This situation is contradictory to an anticipated or predicted response for the operating requirements of Class II injection wells.

Monitoring records of this well show that there appears to be a significant change in the relationship between injection pressure and injection flow rate. It is the concern of the Environmental Protection Agency (EPA) that the well may be in noncompliance due to the possible significant vertical fluid movement through channels behind casing and the possibility of endangering Underground Sources of Drinking Water (USDWs) which could create a significant risk to the persons using that source of drinking water.

All Class II injection wells must demonstrate that there is: (1) an absence of significant leaks in the casing, tubing or packer; and (2) an absence of significant fluid movement into USDWs through vertical channels adjacent to the injection wellbore. On July 25, 1992, a successfully performed MIT was run on this well, which satisfies demonstration (1) above. The presence/absence of significant vertical fluid movement can and

will be evaluated by using the results of a Differential Temperature Log Survey (DTLS) from a depth of 950 feet kelly bushing (KB) to total depth. The Temperature Log Survey shall be conducted within forty-five (45) days of receipt of this letter and according to guidelines enclosed.

During the initial logging run made while the well is still injecting, the operator should conduct a bradenhead test to determine if there is any pressure or flow at the surface. The procedure for the bradenhead test is: (1) determine if there is pressure on the surface casing/longstring casing annulus while the well is injecting; (2) if there is pressure, open bradenhead valve and determine if pressure can be bled off within five (5) to ten (10) minutes; (3) if pressure bleeds off close bradenhead and determine if the pressure builds up; (4) if there is no initial pressure on bradenhead, open the valve for at least one (1) hour to determine if flow at the surface is possible; and (5) shut well in to complete remainder of the Temperature Survey.

An important aspect of any required Temperature Log Survey is the reporting results. A written narrative, prepared by a trained log analyst, shall be attached to the log. The narrative should:

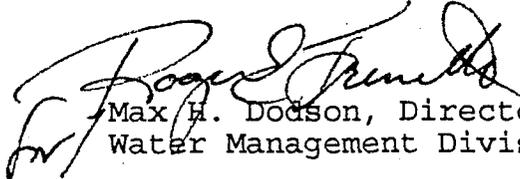
1. describe the purpose of the test;
2. describe how the test was conducted, including any calibration;
3. describe the test parameters; and
4. describe the test results.

This request for information is made pursuant to 40 CFR §144.27(a). Any authorization by rule automatically terminates for any owner or operator who fails to comply with a request for information under 40 CFR §144.27(a).

Without authorization to inject by rule or permit, injection activities are prohibited, and any continued operation is a violation of the Underground Injection Control (UIC) program and the Safe Drinking Water Act (SDWA). Any person who violates any requirement of an applicable Underground Injection Control (UIC) program or an order requiring compliance under Section 1423 of the Safe Drinking Water Act, 42 U.S.C. Section 300h-2, shall be subject to a civil penalty of not more than \$25,000 for each day of such violation. If such violation is willful, such person may, in addition to or in lieu of the civil penalty be imprisoned for not more than three years, or fined under Title 18 of the United States Code, or both.

You may telephone Mr. Chuck Williams at (303) 293-1550 to make the necessary arrangements so that an EPA representative may be present to witness the required test. Please direct all correspondence concerning this action to the attention of Mr. Williams, citing MAIL CODE 8WM-DW.

Sincerely,


Max H. Dodson, Director
Water Management Division

Enclosure:

cc: Mr. Ferron Secakuku
Energy and minerals Resources Dep't.
Ute Indian Tribe

Mr. Luke Duncan, Chairman
Uintah & Ouray Business Committee
Northern Ute Tribe

Mr. Norman Cambridge
Uintah & Ouray Agency
Bureau of Indian Affairs

Mr. Jerry Kenszka
Vernal District Office
Bureau of Land Management

Mr. Gilbert Hunt
State of Utah Natural Resources
Division of Oil, Gas & Mining

Mr. Dan Jackson (8WM-DW)
UIC Prog./Enf Section

GUIDANCE FOR DIFFERENTIAL TEMPERATURE LOG SURVEY

- 1) The Differential Temperature Log will be run from a depth of 2200 feet to total depth.
- 2) While injecting at normal operating pressure, run Differential Temperature Log at 20 to 40 feet per minute, recording at one (1) degree Fahrenheit per inch.
- 3) SHUT WELL IN.
- 4) AFTER A TWO (2) HOUR SHUT-IN: Run Differential Temperature Log at 20 to 40 feet per minute, recording at one (1) degree Fahrenheit per inch.
- 5) AFTER AN EIGHT (8) HOUR SHUT-IN: Run Differential Temperature Log at 20 to 40 feet per minute, recording at one (1) degree Fahrenheit per inch.
- 6) AFTER A TWENTY-FOUR (24) HOUR SHUT-IN: Run Differential Temperature Log at 20 to 40 feet per minute, recording at one (1) degree Fahrenheit per inch.
- 7) Any logging response(s) foreign to what is considered normal log character shall be adequately explained in your logging report.

Written narrative, prepared by trained log analyst should:

- 1) describe the purpose of the test;
- 2) describe how the test was conducted;
- 3) describe the test parameters; and
- 4) describe the test results.



112-012 30372

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

February 16, 1994

Medallion Exploration
2091 East 4800 South #22
Salt Lake City, Utah 84117

Re: Monthly Injection Reports and Annual Injection Report

Dear Sirs:

Rule 649-8-25, UIC Form 3, Monthly Injection Report, of the Oil and Gas Conservation General Rules, requires the operator of Class II saltwater disposal wells to submit this report monthly. The operator shall report the daily injection pressure, rate and volume for each well. The report is due within 30 days following the end of the month of operations.

Reports for the months of February 1993 and May through December 1993 have not been submitted for the Altamont SWD #1 disposal well located in Section 24, Township 3 South, Range 6 West, USM, Duchesne County, Utah.

Additionally, Rule R.649-8-26, UIC Form 4, Annual Fluid Injection Report requires the operator of disposal wells or enhanced recovery projects to file an annual report using this form within 60 days following the end of the year.

Rule R.649-5-5, Testing and Monitoring of Injection Wells, the Oil and Gas Conservation General Rules requires the operator to sample and analyze the fluids injected in each disposal well or enhanced recovery project and to submit a copy of the fluid analysis with the Annual Fluid Injection Report, UIC Form 4, the analysis should at a minimum, include a measurement of the pH plus determinations of the concentration of calcium, magnesium, sodium, potassium, carbonate, bicarbonate, sulfate, chloride, and total dissolved solids.

Page 2
Medallion Exploration
February 16, 1994

Please submit the above mentioned monthly injection reports within 15 days and submit the annual injection report and fluid analysis by March 1, 1994.

If you have any questions regarding these reports, please call Dan Jarvis at (801)538-5340.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized flourish at the end.

Gil Hunt
UIC Manager

ldc
Enclosures
WUI24

RJE/LDC

DDGM

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to:

Medallion Exploration
2091 E. 4800 S. #22
Salt Lake City, UT 84117

4. Article Number

P 074 977 6016

Type of Service:

- Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Address

X Trace Chounger

6. Signature - Agent

X

7. Date of Delivery

APR 7 1987

8. Addressee's Address (ONLY if requested and fee paid)

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.



**PENALTY FOR PRIVATE
USE, \$300**

**RETURN
TO**



Print Sender's name, address, and ZIP Code in the space below.

STATE OF UTAH
NATURAL RESOURCES
OIL, GAS, & MINING
3 TRIAD CENTER, SUITE 350
SALT LAKE CITY, UTAH 84180-1203



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UDC

April 14, 1994

CERTIFIED MAIL
P 074 977 606

Medallion Exploration
2091 East 4800 South #22
Salt Lake City, Utah 84117

Re: SWD #1 Injection Well, Sec. 24, T. 3 S., R. 6 W., Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-8-1, Reporting, monthly and annual reports are required to be filed with the Division of Oil, Gas and Mining (the "Division") by operators of Class II injection wells.

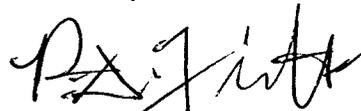
The required monthly injection reports for February 1993, May through December 1993 and thus far in 1994, and the annual report and fluid analysis for 1993 have not been filed by Medallion Exploration ("Medallion") for the referenced well. The Division issued its letter dated February 16, 1993, requesting the past due reports, however a response to the request has not been received.

The Division requests that all delinquent reports be submitted to the Division within 15 days following receipt of this letter. Failure to comply with this request will result in the Division requesting that the Board of Oil, Gas and Mining issue an Order to Show Cause to Medallion as to why it has not complied with the reporting requirement.

Page 2
Medallion Exploration
April 14, 1994

If you have questions or need clarification of requirements, please call Dan Jarvis or Gil Hunt at this office.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Firth". The signature is stylized with a large, sweeping initial "R" and a long, horizontal stroke extending to the right.

R.J. Firth
Associate Director

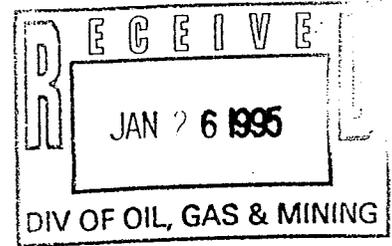
ldc
cc: J. W. Carter, Director
G. L. Hunt, UIC Program Manager

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

PENNZOIL PLACE • P.O. BOX 2967 • HOUSTON, TEXAS 77252-2967 • (713) 546-4000

January 25, 1995
(Via Overnight Mail)

State of Utah
Division of Oil, Gas and Mining
Attention: Ms. Lisha Cordova
355 West North Temple, Suite 350
Salt Lake City, Utah 84180-1203



RE: Notice of Change of Operator
State Of Utah

Dear Ms. Cordova:

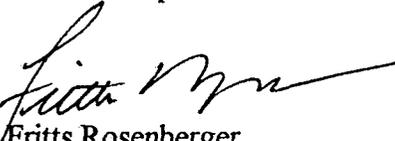
This letter is to notify your Department that Pennzoil Exploration and Production Company has assigned all of its right, title and interest in assets located within the State of Utah to Pennzoil Company. Therefore, effective January 1, 1995, Pennzoil Exploration and Production Company relinquished Operatorship of all wells located in Utah to Pennzoil Company. In this regard I am enclosing for your reference a copy of the November 1994 Form 10 Report listing the oil and/or gas wells subject to this change. Also enclosed is a listing of the produced water disposal wells subject to this change.

I have been advised that action is being taken to secure Federal, Indian and State Oil & Gas Bonding for Pennzoil Company.

Should you have any questions, please feel free to contact me at (713) 546-6681.

Sincerely,

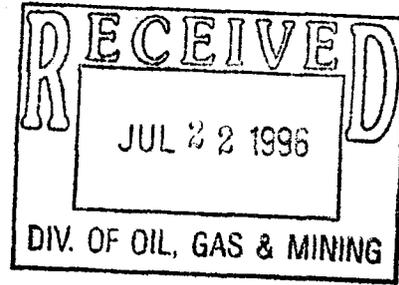
Pennzoil Exploration and Production Company


Fritts Rosenberger
Landman

enclosures

Medallion Exploration
P.O. Box 1328
Roosevelt, Utah 84066
Office: (801) 722-4600
Fax: (801) 722-4613

July 11, 1996



State of Utah
Division of Oil, Gas and Mining
Attn: Danny Jarvis
355 West North Temple
3 Triad Center Suite 350
Salt Lake City, Utah 84180-1203

Re: Mechanical Integrity Pressure Test

Dear Mr. Jarvis:

Per our telephone conversation on July 11, 1996. Enclosed is the information requested for the Mechanical Integrity Pressure Test that was completed on August 31, 1993.

If you should need further information, please feel free to call me. Thank you for your help in this matter.

Sincerely,

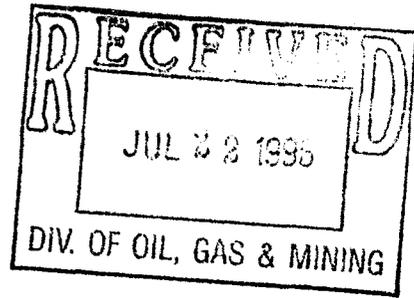
A handwritten signature in cursive script that reads "Steve Lamb".

Steve Lamb

enclosures

rr

43-013-30372



MEDALLION EXPLORATION
G-1 SWD

AFE #: 7006-70992-1
Daily Operations Report

¹⁵
07/16/93

(Day 1) 12: Noon. 7" SICP, 650#, 10-3/4" SI-surf Csg pressure 25#. Note 1/2" stream fresh H2O flowing up outside of surf Csg. 7" 23# Baker R-3 DBL-Grip Ret Csg Pkr set @ 2,949' in 19,000# compression. (2-7/8" EUE 8 RD plastic coated Tub.) #1 & 2 Triplex pumps injecting down 2-7/8" TUB @ 3-BPM, 100 to 200# pressure. 7" Csg pressure gradually built to 1,100# in 4-Hrs. No change in 10-3/4" surf Csg pressure or flow. Bleed 7" Csg to "0" approx 1/4 BBls. Open 10-3/4" surf Csg valve. 1/2" flow out Csg valve, none around outside of Csg. Continue injection AA F/ 2-Hrs w/7" & 10-3/4" surf Csg valve open. No leak on 7" Csg, 1/2" stream out of 10-3/4" surf Csg valve. Close surf Csg valve. 1/2" flow up outside of surf Csg. Close 7" Csg valve. Continue injecting AA @ 6:pm.
Daily Cost:\$403

07/16/93

(Day 2) 20-Hrs, 7" SICP "0", 10-3/4" SICP 25#. 1/2" stream fresh H2O flowing up outside of 10-3/4" surf Csg. (1-Triples pump injecting @ 1.5 BPM, 60# pressure). Rudy Wisemur, Calibrated Barton Meter. Note: 1/2" Stream fresh H2O continually flowing up outside of surf Csg while injecting down 2-7/8" Tub or w/well shut in.
Daily Cost:\$633 Cum Cost:\$1,036

07/19/93

(Day 3) 3-Day, 7" SICP "0", 10-3/4" SICP 25#. 1/2 Stream fresh H2O flowing up outside of 10-3/4" surf Csg while injecting down 2-7/8" Tub or w/well shut in.
Daily Cost:\$403 Cum Cost:\$1,439

07/20/93

(Day 4) 4-Day, 7" SICP "0", 10-3/4" SICP 25#. 1/2" stream fresh H2O continually flowing up outside of surf Csg while injecting down 2-7/8" Tub or w/well shut in. 1:30 pm both J-100 Triplex pumps injecting @ 3-BPM 240 to 280# on gauge and 240 to 260# on chart. Install new gauge. Re-calibrate Barton Meter w/pumpers Inc. Change charts. Injection AA, 140# on gauge and chart. R/U Delsco slickline unit. Unable to get Below 3,030 w/20' Lg 1-3/8" OD sinker bar, spang and oil jar, BHA 25-1/2 LG.
Daily Cost:\$1,254 Cum Cost:\$2,693

MEDALLION EXPLORATION

G-1

AFE #: 7006-70992-1

Daily Operations Report

08/17/93

(Day 5) 7:30 AM. 7" SICP "0", 10-3/4" SICP 25#. 1/2" stream fresh H2O continually flowing up outside of 10-3/4" surf Csg. #1 & 2 Triplex pumps were shut down. Open 7" & 10-3/4" Csg valves. 1/2" stream of H2O flows out 10-3/4" Csg, none around same. RU Production Logging Service. Run R/A tracer and temperature survey w/7" & 10-3/4" valves open. Note: R/A tracer surveys and temperature surveys both indicate no fluid movement @ or above packer @ 2,949', outside of the Csg. Note: See attached summary of R/A tracer and temperature log.
Daily Cost:\$4,123 Cum Cost:\$6,816

08/26/93

(Day 6) Dig out around 10-3/4" surf Csg w/backhoe. Found leak in 10-3/4" surf pipe 2' below Braden-Head. Weld patch over same. Fill in same.
Daily Cost:\$1,088 Cum Cost:\$7,904

08/31/93

(Day 7) 10:45 AM. 7" SICP "0". 10-3/4" SICP 33#. No leak up outside of 10-3/4" surf Csg. #1 & 2 triplex pumps injecting @ 3-BPM 90#, on Gauge and chart. RU Halliburton. BTM of 10-3/4" 40.5# K-55 ST&C, 8RD surf Csg set @ 322' KB. Pump 93-BBls 11.2 to 11.3 PPG, 60-Vis Mud down 7" X 10-3/4" 40.5 annulus and 7" X 8-3/4" OH annulus. 150 to 500# final pressure. ISIP 500#, 5-min 300#. Shut 10-3/4" CSG Valve. RD Halliburton. 10-3/4" surf Csg held 500# test. 09/01/93 18 Hrs, 10-3/4" SICP 65#. 09/02/93, 42 Hrs 10-3/4" SICP "0". No flow out Csg valve or around outside of Csg.
Daily Cost:\$2,932 Cum Cost:\$9,748

11-2-93
 MEDALLION EXPLORATION
 UTE TRIBAL "B" 1 WD
 EPA # UT 2000-02551
 DUCHESNE CO, UT.

30'

→ 5-17-75 DRILL 30" HOLE w/ RATHOLE R19
 SET 21" CULVERT, CMT TO
 SURF.

322' → 6-1-75 DRILL 14 3/4" HOLE w/ GET H 70.
 SURF - 322' 10 3/4" 40.5# K-55 ST+C 8RD CS9.
 CMT w/ 315-SKS "B" GOOD CMT RETURNS.

← 7-25-92 94-OTS 2 7/8" EVK 8RD 6.50#
 J-55 INT COATED TUB, 5N2
 BAKER 7" 20-23# R-3 DBL-
 GRIP RET CS9 PKR.

1034' 6-28-75 CBL - CMT TOP

1487' 6-25-75 DV-COLLAR, CMT w/ 400-SKS
 1490' 50-50 POZ, 92-BBLS CMT. DISP w/ 10-BBLS
 MUD, LOST CIRC. TOTAL DISP 51-BBLS. DID
 NOT GAIN CIRC.

2948' 2-25-92 BAKER 7" MODEL R-3 DBL-GRIP
 RET CS9 PKR

3040' 7-24-92 FISH APPROX 12' CHEMICAL
 CUT OFF PT of 2 7/8" EVK 8RD
 6.50# J-55 TUB.

3058' 7-23-75 7" 20/23# BAKER R-3 DBL-GRIP
 RET CS9 PKR.

3100' 7-1-75 PERM w/ 4" CS9 GUN, 4-JSPF.
 3100'-18' (48'), 3130'-36' (6'), 3142'-48' (6'),
 3148' 30-INTV, 30', 120-144" PERFS.
 7-12-75 SQ PERFS 3100' TO 3148' w/ 50-SKS
 CMT. C10 TEST TO 3500#. BLEED TO 3250#
 IN 15-MIN.

3340' 7-20-75 * NON-CEMENTED. BOT
 3502' LINER 49R, 5" 18# 8RD LINER
 w/ 1/2" DRILLED HOLES 1' APART.

3530' → 6-25-75 8 3/4" HOLE DRILLED TO 4000'.
 * (STUCK PIPE + CMT AS FOLLOWS):
 SURF - 1487' 7" 20# K-55 ST+C 8RD CS9.
 1487' - 1490' 7" 20# DV COLLAR.
 1490' - 3502' 7" 23# K-55 ST+C 8RD CS9.
 CMT w/ 325-SKS 50-50 POZ. FULL RET
 THRU-OUT JOB.

7-20-75 1/2" DRILLED HOLES 1' APART
 3530' TO 3970'. NON-CMT
 LINER.

3970' 7-20-75 5" 18# 8RD PRE-DETAILED LINER.
 4000' 6-22-75 8 3/4" HOLE 9.5 PPB 40-VIS MUD.

1/2" DRILLED HOLES 1' APART

T D

8-17-93
UTE TRIBAL "G" - 1 W D
DUCHESSNE CO, UT.

R/A TRACER &
TEMPERATURE
SURVEY LOG

PAGE 1

RAN TEMPERATURE AND R/A WATER TRACER SURVEYS TO DETERMINE INTERVALS OF EXIT OF THE INJECTED FLUIDS. R/A TRACER WAS RELEASED DOWN HOLE AND BOTH DYNAMIC AND SHUT IN TEMPERATURE SURVEYS WERE USED. THE CASING WAS OBSTRUCTED AT 3042 AND THE PACKERS WERE DIFFICULT TO MOVE THROUGH TO THE POINT THAT ONE TOOL STRING WAS DAMAGED ENTERING THE TUBING SO THE AREA OF INVESTIGATION HAS LIMITED TO 2880 AND ABOVE.

2960'

ARRIVE AT LOCATION AT 7:18. INJECTION PUMP HAD BEEN SHUT DOWN IN ORDER TO STORE SUFFICIENT INJECTION FLUID FOR SURVEY. NO PRESSURE ON ANNULUS AND ANNULUS WAS LEFT OPEN DURING SURVEY. A SMALL AMOUNT OF WATER WAS FLOWING OUT OF SURFACE PIPE AND THIS WAS LEFT OPEN DURING SURVEY (THIS WOULD BUILD TO 25 PSI IF SHUT IN).

RIGGED UP AND RAN FEELER RUN WITH TEMPERATURE AND CCL FROM SURFACE TO TD. TEMPERATURE INDICATES PROBABLE ORIGIN OF WATER COMING OUT OF SURFACE PIPE ORIGINATES AT BOTTOM OF SURFACE PIPE.

3028' 3032'
TEMPERATURE SURVEY TAGGED BOTTOM AT 3028. TOOLS WERE PROBABLY OUTSIDE OF 10 FEET OF TUBING ON TOP OF BOTTOM PACKER. WORKED TOOLS INTO LOWER TUBING AND HAD TO SPUD THROUGH AT APPROXIMATELY 3032. HAD TO SPUD TO 3042 AT WHICH TD WAS VERY STICKY. WHILE ATTEMPTING TO REENTER UPPER TUBING TOOLS KEPT GETTING STUCK BELOW PACKER AND TOOL STRING WAS DAMAGED GETTING INTO TUBING.

AT THIS POINT IT WAS DECIDED TO REENTER THE WELL WITH R/A TRACER AND TEMPERATURE EQUIPMENT AND OBTAIN INFORMATION ABOVE TOP PACKER.

RIGGED EQUIPMENT INTO WELL AND STARTED PUMPING AT 11:40. RAN FIRST INJECTING TEMPERATURE AT 11:50. RAN CORRELATION Q/R AT 12:08 WHICH SHOWED SOME CONTAMINATION PROBABLY CAUSED BY PROBLEMS GETTING TOOLS DOWN TUBING WHICH WAS VERY STICKY. RAN BACKGROUND Q/R BEFORE SHOOTING ANY R/A TRACER AT 12:17.

2634' & 2716' 1366 B D
R/A TRACER SURVEY STARTED AT 12:33 WITH TRACER BEING RELEASED AT APPROXIMATELY 2800 FEET WITH IT THEN BEING LOGGED AT 2634 AND 2716 IN 30 SECONDS TO PERFORM VELOCITY CHECK. (82 FT/30 SECONDS = 1366 B/D). IT WAS THEN DETERMINED TO LOG PAST THE PACKER AND UP APPROXIMATELY 200 FEET TO CHECK FOR ANY COMMUNICATION INSTEAD OF SITTING STATIONARY ABOVE THE TOP PACKER WHICH GIVES A VERY LIMITED AREA OF INVESTIGATION. THE ONLY INDICATION OF ANY R/A MATERIAL OUT OF ZONE WAS A SMALL AMOUNT INDICATED ON THE PASS LABELED AT 400 SECONDS. PREVIOUS TO THIS PASS THERE WAS A PROBLEM MOVING THROUGH THE PACKER AND BANGING THE TOOL STRING AROUND CAUSED A SMALL AMOUNT OF R/A MATERIAL TO BE LEAKED. IF THIS WAS AN ACTUAL R/A SLUG MOVING UP HOLE IT WOULD HAVE BEEN DETECTED ON MORE THAN ONE RUN. THE AREA FOR 200 FEET ABOVE THE PACKER WAS SURVEYED FOR OVER 35 MINUTES WITH NO INDICATION OF CHANNELING.

AT 1:15 AFTER PUMPING INTO THE WELL FOR 1 HOUR AND 36 MINUTES ANOTHER DYNAMIC TEMPERATURE SURVEY WAS AGAIN COMPLETED AND THEN THE PUMP WAS SHUT DOWN AT 1:23. SHUT IN TEMPERATURE SURVEYS WERE THEN RUN AT 2 HOURS, 3 HOURS, AND 4 HOURS. THE TEMPERATURE ANOMALY AT APPROXIMATELY 2900 IS CAUSED BY THE HEAT OF THE PACKER AND THE FLUID STORAGE IN THE CASING. 2900'

R/A TRACER SURVEYS AND TEMPERATURE SURVEYS BOTH INDICATE THAT THERE IS NO FLUID MOVEMENT AT OR ABOVE THE TOP PACKER OUTSIDE OF THE CASING.

THESE LOGS WERE WITNESSED BY GUSTAV STOLZ, JR. PETROLEUM ENG. AND CHUCK WILLIAMS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY OF DENVER, CO AND GILBERT HUNT OF STATE OF UTAH NATURAL RESOURCES, DIVISION OF OIL, GAS & MINING.

Gustav Stolz, Jr.

Chuck Williams

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
14204621137

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
SND #1

2. Name of Operator:
Medallion Exploration

9. API Well Number:
4301330372

3. Address and Telephone Number:
6975 Union Park Center, #310 Midvale, Ut 84047

10. Field and Pool, or Wildcat:
ALTAMONT

4. Location of Well
Footages: 2,467' FNL & 1,501' FEL
OO, Sec., T., R., M.: SWNE, Sec. 24, T35, R6W

County: DUCHESSNE
State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

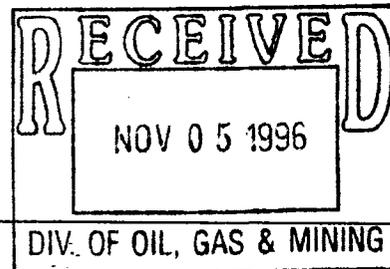
Date of work completion _____

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.)

Effective November 1, 1996, Medallion Exploration will relinquish the operatorship of the referenced well to the Barrett Resources Corp.

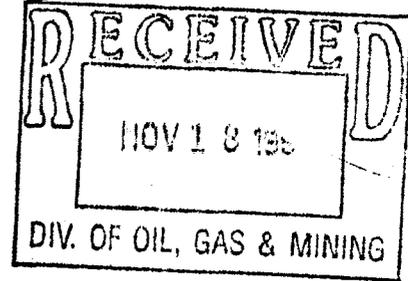


13. Name & Signature: _____

Title: Operations

Date: 10/1/96

(This space for State use only)



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Ute Tribal SWD #1
Field or Unit name: Altamont API no. 43-013-30372
Well location: QQ SWNE section 24 township 35 range 6W county Duchesne
Effective Date of Transfer: 11/1/96

CURRENT OPERATOR

Transfer approved by:

Name JAKE HAROUNY Company Medallion Exploration
Signature [Signature] Address 6975 Union Park Center, #310
Title President Midvale, Utah 84047
Date November 1, 1996 Phone (801) 566-7400
Comments:

NEW OPERATOR

Transfer approved by:

Name Joseph Barrett Company Barrett Resources Corporation
Signature [Signature] Address 1515 Arapahoe St., Tower 3, #1000
Title Vice President, Land Denver, CO. 80202
Date November 1, 1996 Phone (303) 572-3900
Comments:

(State use only)

Transfer approved by [Signature] Title Environmental Manager
Approval Date 8/12/97

* 970812 aprv. Copies mailed to operators. Jec

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 SWD

2. Name of Operator
BARRETT RESOURCES CORPORATION

3. Address and Telephone No.
1515 ARAPAHOE ST, TOWER 3, #1000, DENVER, CO 80202 (303) 572-3900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**2467' FNL 1501' FEL
 SWNE 24-3S-6W**

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

5. Lease Designation and Serial No.
1420H621137

6. If Indian, Alottee or Tribe Name
UTE TRIBE

7. If Unit or CA, Agreement Designation

8. Well Name and No.
UTE TRIBAL SWD #1

9. API Well No.
43-013-30372

10. Field and Pool, or Exploratory Area
ALTAMONT

11. County or Parish, State
DUCHESNE, UTAH

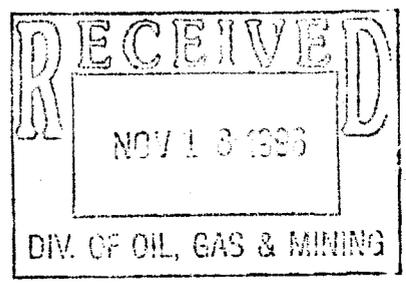
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 CHANGE OF OPERATOR
	<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 BE ADVISED THAT EFFECTIVE NOVEMBER 1, 1996, BARRETT RESOURCES CORPORATION TOOK OVER OPERATIONS OF THE ABOVE WELL FROM MEDALLION EXPLORATION.



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

Signed Joseph P. Barrett Title Vice Pres., Land Date 11-1-96

(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



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 20, 1997

TO: Gil Hunt
FROM: Dan Jarvis
RE: Barrett Resources Corp.

On May 18, 1997 a field inspection was conducted at the following two properties operated by Barrett Resources Corp.

The Ute 1-A SWD located in Section 18, Township 3 South, Range 6 West and the Altamont SWD #1 well located in Section 24, Township 3 South, Range 6 West. At the time of these inspections a number of maintenance/environmental problems were noted at both locations.

At the Ute 1-A the pit is still unlined and is three-quarters full of crude oil and what appears to be tank bottoms. The pit is located on the edge of location above Rabbit Gulch which runs directly into Starvation Reservoir. General housekeeping is poor and the entire location is in need of dike repair and cleanup.

At the Altamont SWD #1 location the well sign indicates that Medallion is the operator, however monthly reports show Barrett Resources to be reporting. General housekeeping is poor. Salt water has been spilled around the loadouts and crude oil is on the ground near the well head.

Dennis Ingram conducted an operator review of Barrett Resources properties on May/9, 1997. The following wells were again found to have environmental problems:

The Cedar Rim 2A located in Section 20, Township 3 South, Range 6 West has an unlined pit with 2-3 feet of production water with crude oil on top. This pit also hangs out over Rabbit Gulch.

The Cedar Rim 6A located in Section 21, Township 3 South, Range 6 West. The surface is DWR and the minerals are owned by the Ute Indian Tribe. The pit has approximately 6 inches of freeboard and is full of water and oil. Dennis reports that water is bubbling up through the pit.

The Cedar Rim 8A located in Section 22, Township 3 South, Range 6 West has a pit tank, however there is 1½ to 2 feet of foul smelling water around the tank so he is unsure as to the integrity of the tank.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08300

July 29, 1997

Barrett Resources Corporation
1515 Arapahoe St., Tower 3, Suite 1000
Denver CO 80202

43-013-30372 (WDDO)
Re: Well No. Ute Tribal SWD 1
SWNE, Sec. 24, T3S, R6W
Lease 14-20-H62-1137
Duchesne County, Utah

Gentlemen:

This correspondence is in regard to the Sundry Notice submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Barrett Resources Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager
Minerals Resources

cc: Medallion Exploration
BIA
Division Oil, Gas, & Mining

OPERATOR CHANGE WORKSHEET

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

Routing	
1- <i>[initials]</i>	6- <i>[initials]</i>
2- <i>[initials]</i>	7-KAS <i>[initials]</i>
3-DPS <i>[initials]</i>	8-SI <i>[initials]</i>
4-VLD <i>[initials]</i>	9-FILE <i>[initials]</i>
5-IRB <i>[initials]</i>	

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

The operator of the well(s) listed below has changed, effective: 11-1-96

TO: (new operator)	<u>BARRETT RESOURCES CORP</u>	FROM: (old operator)	<u>MEDALLION EXPLORATION</u>
(address)	<u>1515 ARAPAHOE ST T3 #1000</u>	(address)	<u>6975 UNION PARK CTR #310</u>
	<u>DENVER CO 80202</u>		<u>MIDVALE UT 84047</u>
			<u>JAKE HAROUNY</u>
Phone:	<u>(303)606-4259</u>	Phone:	<u>(801)566-7400</u>
Account no.	<u>N9305</u>	Account no.	<u>N5050</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43013-3037</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (REC'D 11-5-96)
- Yec* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (REC'D 11-18-96)
- N/A* 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- Yec* 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Yec* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (8-7-97 * also DBASE E. Due thro update work)
- Yec* 6. **Cardex** file has been updated for each well listed above. (8-7-97)
- Yec* 7. Well file labels have been updated for each well listed above. (8-7-97)
- Yec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-7-97)
- Yec* 9. A folder has been set up for the **Operator Change** file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) Surety # 5865241 (\$80,000) "Safe Co Ins. Co. of America"

- Sec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operator's bond files. **upon compl. of routing!*
- Sec 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date August 7, 1997. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding. *DT 5 8/18/97*
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- B 1. All attachments to this form have been microfilmed. Today's date: 8.28.97

FILING

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

COMMENTS

970806 Btm Aprv. 7-29-97

970807 BIA Aprv. 7-25-97

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

9. API Well Number:

43'D13-3037J

10. Field and Pool, or Wildcat:

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:

BARRETT RESOURCES CORPORATION

3. Address and Telephone Number:

1515 ARAPAHOE ST., TOWER 3, #1000, DENVER, CO 80202 (303) 572-3900

4. Location of Well:

Footages:

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

35 6W 24

County:

State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other ANNUAL STATUS REPORT OF SHUT-IN WELLS | |

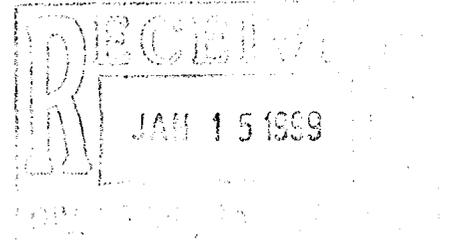
Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

SEE ATTACHED LIST



13

Name & Signature:

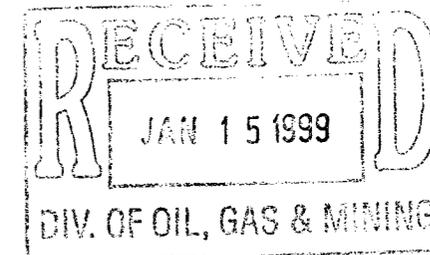
Greg Davis

Title: PRODUCTION SERVICES SUPVR

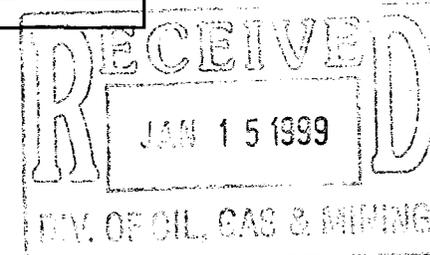
Date: 1/13/99

(This space for Federal or State office use)

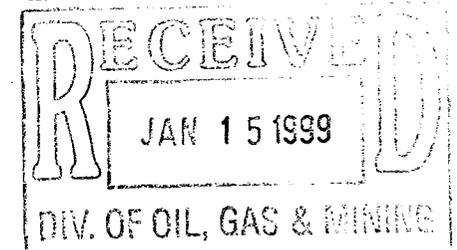
UTAH ANNUAL STATUS REPORT OF SHUT-IN WELLS 1998					
WELL NAME	QTR QTR SEC-T-R	API NUMBER	LAST PRODUCED	REASON FOR SHUT-IN OR TA'D WELL	FUTURE PLANS FOR WELL
FEE 1-10B1E	SENW 10-2S-1E	43-047-30881	May-89	UNECONOMIC PRODUCTION	Under Review for P&A
BLEY 2X-25C7	NESW 25-3S-7W	43-013-31083	na	NEVER PRODUCED	Under Review for P&A
SMITH 2X-23C7	NENE 23-3S-7W	43-013-31634	na	NEVER PRODUCED	Under Review for P&A
ANDERSON 1-28A2	NWSE 28-1S-2W	43-013-30150	Jul-83	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
BLANCHARD 1-3A2	NWSE 3-1S-2W	43-013-20316	Feb-93	UNECONOMIC PRODUCTION	Under Review for P&A
BLANCHARD 2-3A2	SESW 3-1S-2W	43-013-30008	Feb-93	UNECONOMIC PRODUCTION	Review recompletion opportunities when pricing improves
BROTHERSON 2-34B4	NWNE 34-2S-4W	43-013-30857	Oct-93	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
CEDAR RIM 11	NWNE 27-3S-6W	43-013-30352	Apr-96	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
CEDAR RIM 12	SWNE 28-3S-6W	43-013-30344	Oct-89	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
CEDAR RIM 14	SWNE 10-3S-6W	43-013-30345	Sep-86	UNECONOMIC PRODUCTION	Review recompletion opportunities when pricing improves
CEDAR RIM 16	SWNE 33-3S-6W	43-013-30363	Nov-96	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
CEDAR RIM 2	SWNE 20-3S-6W	43-013-30019	Aug-92	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
CEDAR RIM 21	SESE 10-3S-6W	43-013-31169	Oct-91	UNECONOMIC PRODUCTION	Review recompletion opportunities when pricing improves
CEDAR RIM 5A	SESW 16-3S-6W	43-013-31170	Feb-96	UNECONOMIC PRODUCTION	Under Review for P&A
CEDAR RIM 8	SWNE 22-3S-6W	43-013-30257	Oct-96	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
CHENEY 1-33A2	SWNE 33-1S-2W	43-013-30202	May-94	UNECONOMIC PRODUCTION	Under Review for P&A
CHENEY 2-33A2	NESE 33-1S-2W	43-013-31042	Dec-93	UNECONOMIC PRODUCTION	Under Review for P&A
CAMPBELL 1-12B2	SWNE 12-2S-2W	43-013-30237	Dec-93	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
SMITH 1-6C5	NWNE 6-3S-5W	43-013-30163	Apr-92	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
DUCHESNE COUNTY 1-3C4	SENW 3-3S-4W	43-013-30065	Oct-96	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
DUCHESNE 1-17C4	NWNE 17-3S-4W	43-013-30410	Mar-82	UNECONOMIC PRODUCTION	Assign wellbore to Enviro-Tec, Inc. for P&A
JENSEN FENZEL 1-20C5	SWNE 20-3S-5W	43-013-30177	Feb-86	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
HARMSTON 1-32A1	NESW 32-1S-1W	43-013-30224	Mar-92	UNECONOMIC PRODUCTION	Review recompletion opportunities when pricing improves
HORROCKS 1-6A1	SENW 6-1S-1W	43-013-30390	May-84	UNECONOMIC PRODUCTION	Under Review for P&A
VODA 1-19C5	SWNE 19-3S-5W	43-013-30382	Dec-81	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 2-21G	NWNE 21-5S-4W	43-013-31313	na	NEVER PRODUCED	Lease HBP; review recompl opportunities when pricing improves



<u>WELL NAME</u>	<u>QTR QTR SEC-T-R</u>	<u>API NUMBER</u>	<u>LAST PRODUCED</u>	<u>REASON FOR SHUT-IN OR TA'D WELL</u>	<u>FUTURE PLANS FOR WELL</u>
JOHN 1-3B2	NESW 3-2S-2W	43-013-30160	Sep-94	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
KENDALL 1-12A2	SWSW 12-1S-2W	43-013-30013	Dec-93	UNECONOMIC PRODUCTION	Review recompletion opportunities when pricing improves
LAMICQ URRUTY 1-8A2	NWSW 8-1S-5W	43-013-30036	Dec-91	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
MEAGHER EST. 1-4B2	NWSE 4-2S-2W	43-013-30313	Feb-93	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
MOON TRIBAL 1-30C4	SESE 30-3S-4W	43-013-30576	Oct-96	UNECONOMIC PRODUCTION	Under Review for P&A
MORTENSEN 2-32A2	NWSE 32-1S-2W	43-013-30929	Mar-91	UNECONOMIC PRODUCTION	Review recompletion opportunities when pricing improves
MYRIN-RANCH 1-13B4	NENE 13-2S-4W	43-013-30180	May-92	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
NORLING 1-9B1	NESE 33-1S-2W	43-013-30315	May-92	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
PHILLIPS FEDERAL 1-3C5	NENW 3-3S-5W	43-013-30333	Sep-93	UNECONOMIC PRODUCTION	Under Review for P&A
REESE 1-10B2	SENW 10-2S-2W	43-013-30215	Aug-92	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
ROBERTSON 1-29A2	SENW 29-1S-2W	43-013-30189	Jun-95	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE 1-2B2	NESW 2-2S-2W	43-013-30225	Jul-88	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
SALERATUS WASH 1-7C5	SWNE 7-3S-5W	43-013-30098	Sep-94	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
SHISLER 1-3B1	NWSE 3-2S-1W	43-013-30249	May-90	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
SPRING HOLLOW 4-36Z3	NESW 36-1N-3W	43-013-30398	Feb-84	UNECONOMIC PRODUCTION	Under Review for P&A
STATE 1-6B1E	NWSE 6-2S-1E	43-047-30169	Dec-94	UNECONOMIC PRODUCTION	Under Review for P&A
STATE 1-7B1E	NWSE 7-2S-1E	43-047-30180	Oct-96	UNECONOMIC PRODUCTION	Under Review for P&A
STATE 2-35A2	SENW 35-1S-2W	43-013-30156	Sep-91	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
SUMMERELL EST. 1-30A1	NWSE 30-1S-1W	43-013-30250	Sep-91	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
TODD 1-2B1	NWSE 2-2S-1W	43-047-30167	Dec-93	UNECONOMIC PRODUCTION	Under Review for P&A
URRUTY 1-34A2	SWNE 34-1S-2W	43-013-30149	Sep-83	UNECONOMIC PRODUCTION	Under Review for P&A
URRUTY 2-9A2	NESW 9-1S-2W	43-013-30046	Apr-94	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE 1-2A3	NWSE 2-1S-3W	43-013-30409	Jun-96	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
UTE 1-2C5	NWNW 2-3S-5W	43-013-30392	Sep-92	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
UTE 1-20C4	NWNE 20-3S-4W	43-013-30170	Oct-80	UNECONOMIC PRODUCTION	Under Review for P&A
UTE 1-5C5	NWNE 5-3S-5W	43-013-20260	Jan-79	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
UTE 6-7B3	SWNE 7-2S-3W	43-013-30211	Sep-94	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 1-25C6	SWNE 25-3S-6W	43-013-30417	Sep-94	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 1-3C6	SWSE 3-3S-6W	43-013-30415	Sep-93	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; working on assignment of wellbore to Coastal O&G
TRIBAL FEDERAL 1-34B6	SWSE 34-2S-6W	43-013-30431	Oct-96	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; working on assignment of wellbore to Coastal O&G
UTE TRIBAL 1-36C6	NENE 36-3S-6W	43-013-30422	Oct-96	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
UTE TRIBAL 1-5C4	SENE 5-3S-4W	43-013-30532	Aug-94	UNECONOMIC PRODUCTION	Tribal lease has re-renewal option; review recompl opportunities as pricing improves
UTE TRIBAL 2-13C6	NESW 13-3S-6W	43-013-30530	Sep-96	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
YACK 1-7A1	NESW 7-1S-1W	43-013-30018	Nov-95	UNECONOMIC PRODUCTION	Under Review for P&A



<u>WELL NAME</u>	<u>QTR QTR SEC-T-R</u>	<u>API NUMBER</u>	<u>LAST PRODUCED</u>	<u>REASON FOR SHUT-IN OR TA'D WELL</u>	<u>FUTURE PLANS FOR WELL</u>
UTE 1-10A3	SENE 10-1S-3W	43-013-30319	Feb-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; review recompl opportunities as pricing improves
BUZZI 1-11B2	SENW 11-2S-2W	43-013-30248	May-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
SHRINE 1-10C5	NWNE 10-3S-5W	43-013-30393	Jul-97	UNECONOMIC PRODUCTION	Under Review for P&A
EVANS UTE 1-17B3	NWNE 17-2S-3W	43-013-30274	May-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
GOODRICH 1-18B2	SENW 18-2S-2W	43-013-30397	Jul-97	UNECONOMIC PRODUCTION	Under Review for P&A
BOREN 1-24A2	NESW 24-1S-2W	43-013-30084	Sep-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTAH STATE FED 1-24B1	NWSE 24-2S-1W	43-047-30220	May-97	UNECONOMIC PRODUCTION	Review recompl opportunities when pricing improves
HAMBLIN 1-26A2	NESW 26-1S-2W	43-013-30083	Jun-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 1-26C6	SWNE 26-3S-6W	43-013-30412	Jun-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; review recompl opportunities as pricing improves
FEDERAL 1-28E19E	SWSW 28-5S-19E	43-047-30175	Dec-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
DYE 1-29A1	NWSE 29-1S-1W	43-013-30271	Jul-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
MCELPRANG 1-31A1	NWSE 31-1S-1W	43-013-30190	Jan-97	UNECONOMIC PRODUCTION	Under Review for P&A
VODA UTE 1-4C5	NWNE 4-3S-5W	43-013-30283	Jul-97	UNECONOMIC PRODUCTION	Under Review for P&A
UTE TRIBAL 1-4C6	NWNE 4-3S-6W	43-013-30416	Jan-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; working on assignment of wellbore to Coastal O&G
MURPHY 1-6C4	SWNE 6-3S-4W	43-013-30573	May-97	UNECONOMIC PRODUCTION	Review recompl opportunities when pricing improves
MARGUERITE 1-8B2	NWSE 8-2S-2W	43-013-30235	Jun-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
GARDNER 1-9B1E	NESW 9-2S-1E	43-047-30197	Jan-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; review recompl opportunities as pricing improves
UTE TRIBAL 1-9C6	SWNE 9-3S-6W	43-013-30487	Jan-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; BLM notification rec'd 10-98 to re-new or P&A
UTE TRIBAL 10-1	SENW 10-2S-5W	43-013-30088	Jul-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; review recompl opportunities as pricing improves
UTE TRIBAL 2-11C6	NESW 11-3S-6W	43-013-30534	May-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; BLM notification rec'd 10-98 to re-new or P&A
UTE TRIBAL 2-12C6	SWSW 12-3S-6W	43-013-30500	Jun-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 2-23C6	NENW 23-3S-6W	43-013-30537	May-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 2-2C6	SWSW 2-3S-6W	43-013-30531	May-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; BLM notification rec'd 10-98 to re-new or P&A
MCELPRANG 2-31A1	NWSW 31-1S-1W	43-013-30836	Jul-97	UNECONOMIC PRODUCTION	Under Review for P&A
URRUTY 2-34A2	SWSW 34-1S-2W	43-013-30753	Jun-97	UNECONOMIC PRODUCTION	Under Review for P&A
SPRING HOLLOW 2-34Z3	NESW 34-1N-3W	43-013-30234	Apr-97	UNECONOMIC PRODUCTION	Under Review for P&A
UTE TRIBAL 2-3C6	NENW 3-3S-6W	43-013-30902	Jul-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; working on assignment of wellbore to Coastal O&G
REYNOLD 2-7B1E	SENE 7-2S-1E	43-047-31840	Jun-97	UNECONOMIC PRODUCTION	Under Review for P&A
UTE TRIBAL 2-9C6	SESE 9-3S-6W	43-013-31096	May-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; BLM notification rec'd 10-98 to re-new or P&A
CADILLAC 3-6A1	SWSE 6-1S-1W	43-013-30834	Apr-97	UNECONOMIC PRODUCTION	Under Review for P&A
BASTIAN 3-7A1	NESE 7-1S-1W	43-013-30026	Apr-97	UNECONOMIC PRODUCTION	Under Review for P&A
UTE TRIBAL 3-9D5	SENW 9-4S-5W	43-013-20179	Jul-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; review recompl opportunities as pricing improves
ANDERSON 1-A-30B1	SWNE 30-2S-1W	43-013-30783	Jul-97	UNECONOMIC PRODUCTION	Under Review for P&A



WELL NAME	QTR QTR SEC-T-R	API NUMBER	LAST PRODUCED	REASON FOR SHUT-IN OR TA'D WELL	FUTURE PLANS FOR WELL
CEDAR RIM 13	SENE 29-3S-6W	43-013-30353	Jul-97	UNECONOMIC PRODUCTION	Under Review for P&A; BLM P&A notification rec'd 10-98
CEDAR RIM 13A	SWSE 29-3S-6W	43-013-31174	Sep-97	UNECONOMIC PRODUCTION	Under Review for P&A; BLM P&A notification rec'd 10-98
CEDAR RIM 5	SWNE 16-3S-3W	43-013-30240	Jun-97	UNECONOMIC PRODUCTION	Under Review for P&A
CEDAR RIM 6	SWNE 21-3S-6W	43-013-30243	Jun-97	UNECONOMIC PRODUCTION	Under Review for P&A
CEDAR RIM 6A	CSW 21-3S-6W	43-013-31162	May-97	UNECONOMIC PRODUCTION	Under Review for P&A
UTE TRIBAL 10-21	NWSE 21-5S-4W	43-013-31283	Jun-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 13-22	SWSW 22-5S-4W	43-013-31548	Jun-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 4-22	NWNW 22-5S-4W	43-013-30755	Jun-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 9-23X	NESE 23-5S-5W	43-013-30999	Nov-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 9-4B1	SENW 4-2S-1W	43-013-30194	Jul-97	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
UTE TRIBAL 1-30C5	SWNE 30-3S-5W	43-013-30475	Jul-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; BLM notification rec'd 10-98 to re-new or P&A
UTE TRIBAL 5-1D5	SENW 5-4S-5W	43-013-30081	Jun-97	UNECONOMIC PRODUCTION	Tribal lease has re-newal option; BLM notification rec'd 10-98 to re-new or P&A
CEDAR RIM 17	SWNE 32-3S-6W	43-013-30385	Jun-97	UNECONOMIC PRODUCTION	Under Review for P&A; BLM P&A notification rec'd 10-98
J. LAMICQ ST. 1-6B1	SENW 6-2S-1W	43-013-30210	Sep-87	UNECONOMIC PRODUCTION	Lease HBP; review recompl opportunities when pricing improves
✓ UTE "G" WD-1	SWNE 24-3S-6W	43-013-30372	na	SWD FAILED MIT	Under Review for P&A; EPA notification to P&A rec'd 10-98

RECEIVED
 JAN 15 1999
 DIV. OF OIL, GAS & MINING

INJECTION WELL - INSPECTION RECORD

Well Name: <u>ALTAMONT SWD #1</u>	API Number: <u>43-013-30372</u>
Qtr/Qtr: <u>SW/NE</u> Section: <u>24</u>	Township: <u>3S</u> Range: <u>6W</u>
Company Name: <u>BARRETT RESOURCES</u>	
Lease: State _____ Fee <u>YES SURFACE</u> Federal _____ Indian <u>MINERAL</u>	
Inspector: <u>DENNIS L. INGRAM</u>	Date: <u>3/4/99</u>

Injection Type:

Disposal: WDW Enhanced Recovery: _____ Other: _____

Injecting: _____ Shut-In: YES

Rate: N/A (bpd) Totalizer: _____ (bbls)

Gauges: Tubing: YES

Casing: NO Casing Pressure: UNKNOWN (psig)

Tubing Pressure: 500 (psig) Housekeeping: UNATTENDED

Equipment Condition: DITTO

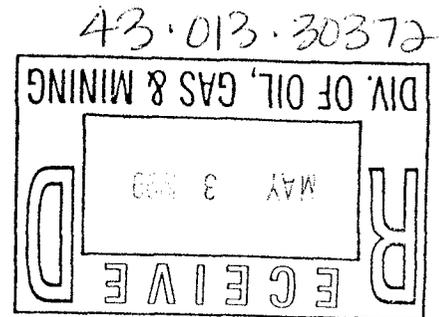
COMMENTS: COULD NOT FIND A WELL SIGN. DISCHARGE VALVE IS CLOSED ON PUMP. NO SIGN OF RECENT ACTIVITY.

BARRETT RESOURCES CORPORATION



April 29, 1999

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
PO Box 145801
Salt Lake City, Utah 84114-5801
Attn: Mr. Robert J. Krueger



Re: 1999 Plugging List

Dear Mr. Krueger,

When we spoke by telephone in early April, I indicated that Barrett would be prepared by early May to submit its proposed list of Altamont-Bluebell wells to be plugged in 1999. The attached spreadsheet lists the twelve wellbores that Barrett will plug in 1999. Also attached to this letter are Sundry Notices for the plugging and abandonment procedures for the four wells over which the State of Utah has regulatory jurisdiction. There are two wells on the list that are to be plugged in association with an application that Enviro-Tec Inc. has made to establish a commercial disposal facility on an adjacent lease. The submittal of plugging Sundry Notices on those wells is being coordinated with Enviro-Tec. Plugging procedures for the remaining six wells have been or are being submitted to the Bureau of Land Management (BLM).

As we discussed, Barrett is attempting to meet its plugging obligations and satisfy the plugging requirements of each of the regulatory agencies, State, Federal, and Tribal. We are also trying to be sensitive to surface owners demands. Because of the length of the overall list of plugging obligations, Barrett is unable to address all of the obligations this year. The attached list represents our attempt to present a balanced plugging program with the funds that Barrett can allocate this year.

It is our intent to begin the plugging program within the next 4-6 weeks subject to approval of the Sundry Notices. If there are any questions regarding the attached list or plugging procedure, please call me at (303) 606-4063.

Sincerely,

Jeffrey E. Carlson
Sr. Petroleum Engineer

Enclosures

cc: Fritts Rosenberger, Merle Evers, Ted Brown, Gene Martin, Greg Davis

BARRETT RESOURCES CORP.
1999 P&A LIST

4/29/99

"43-013"

P&A LIST				LEASE	LOCATION			API NO	LAST PROD	BRC OWNERSHIP		REMARKS	
ST	FD	UT	OTH	FIELD: ABCR	1/4 1/4	T-R	SEC	WELL #		WI	NRI		
				HARMSTON U 1-32A1 (SI)	NE SW	A1	32	1	30224	Mar-92	0.976992	0.845868	LEASE STATUS ?; STATE REQUEST TO P&A
ST*				URRUTY 1-34A2 (SI)	SW NE	A2	34	1	30149	Sep-83	0.969015	0.825499	LEASES LOST; STATE REQUEST TO P&A
ST*				EARL GARDNER B-1 (SI)	NE SW	B1E	9	1	30197	Jan-97	0.674063	0.514730	UTE LEASE OPTION ON 160 AC; SURF OWNER DEMANDS TO P&A
			PR	BROTHERSON 2-34B4 (SI)	NW NE	B4	34	2	30857	Oct-93	1.000000		LEASE STATUS ?; STATE REQUEST TO P&A
ST*				GERITZ MURPHY 1-6C4 (SI)	SW NE	C4	6	1	30573	May-97	1.000000	0.823783	LEASE STATUS ?; SURF OWNER DEMANDS TO P&A
			PR	DUCHESNE CO 1-17C4 (LSHD)	NW NE	C4	17	1	30410	Mar-82	0.997070	0.872437	WO ASSIGNMENT TO ENVIROTEC; CONTRACT BRC TO P&A
ST	EPA			UTE COUNTY 1-20C4 (SI)	C NE	C4	20	1	30170	Oct-80	1.000000	0.841146	LEASES LOST; STATE REQUEST TO P&A
ST*				FORTUNE UTE FED 1-11C5 (LSHD)	SE NW	C5	11	1	30402	NA	0.986567	0.830821	WO ASSIGNMENT TO ENVIROTEC; CONTRACT BRC TO P&A
	EPA			UTE TRIBAL G SWD-1 (SI)	SW NE	C6	24	1SWD	30372	NA	0.516000	0.516000	FAILED MIT 5/97; REC'D EPA P&A DEMAND 10/98
	EPA			CEDAR RIM 13 (29C6) (SI)	SE NE	C6	29	13	30353	Jun-97	1.000000	0.793333	LEASES LOST; REC'D BLM P&A DEMAND 11/98
	BLM			CEDAR RIM 13A (29C6) (SI)	SW SE	C6	29	13A	31174	Sep-97	1.000000	0.793333	LEASES LOST; REC'D BLM P&A DEMAND 11/98
	BLM			CEDAR RIM 17 (32C6) (SI)	SW NE	C6	32	17	30385	May-97	1.000000	0.793333	LEASES LOST; REC'D BLM P&A DEMAND 11/98
	BLM												

TOTAL 12 WELLS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 SWD WELL

2. Name of Operator

BARRETT RESOURCES CORPORATION

3. Address and Telephone No.

1515 ARAPAHOE ST, TOWER 3, #1000, DENVER, CO 80202 (303) 572-3900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2121' FNL 1945' FEL
SWNE SECTION 24-T3S-R6W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Identification and Serial No.

14204621137

6. If Indian, Alottee or Tribe Name

UTE TRIBE

7. If Unit or CA, Agreement Designation

8. Well Name and No.

UTE TRIBAL "G" WD-1

9. API Well No.

43-013-~~30296~~

(Handwritten: 30272, 30298)

10. Field and Pool, or Exploratory Area

ALTAMONT/BLUEBELL

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.)*

THE SUBJECT WELL WAS PLUGGED AND ABANDONED PER THE ATTACHED PROCEDURE:
TIH AND SET CICR AT 2800'. CIRC HOT WATER TO CLEAN CSG.
MIX AND PUMP 110 SX CMT. DISPLACE 100 SX UNDER CICR AT 2899' DID NOT OBTAIN SQUEEZE PRESSURE.
STING OUT OF CICR AND SPOT 10 SX CMT ON CICR 2899-2844'. TEST CSG TO 1000#. HELD OK. POOH AND LD 2500' TBG.
RU WEDGE DIA-LOG. TIH WITH CSG CUTTER TO 420'. CUT CSG. LD CSG.
TIH WITH TBG TO 470'. DISCOVERED LEAK IN SFC CSG. PER BLM JAMIE SPARGER REQUEST: FILL CSG WITH 235 SX CMT. POOH AND LD TBG.
TOP OFF WELL WITH 10 SX CMT. P&A 7/17/99. INSTALL DRY HOLE MARKER.

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

Signed *Greg Davis* TITLE PRODUCTION SERVICES SUPERVISOR Date 7/20/99

(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

