 **Powers Elevation, Inc.**

RECEIVED
JUN 27 1986

OIL WELL ELEVATIONS-LOCATIONS
ENVIRONMENTAL-ARCHAEOLOGICAL SERVICES
P.O. Box 2612
Denver, Colorado 80201-2612
Phone 303/321-2217
Toll Free 1-800-824-2550

June 25, 1986

**DIVISION OF
OIL, GAS & MINING**

The State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Application to Drill
Texaco, Inc. #1 Texaco-Govt-S.J. Weber
NCT 1
1850' FSL & 1980' FEL
NW SE, Sec 13 T23S R13E
Emery County, Utah

Gentlemen:

Enclosed are three copies of Federal APD Form 3160-3, the Location and Elevation Plat, the Drilling Program, and the Blowout Preventer Diagram for the above-referenced well.

Texaco wishes to spud this well July 22, 1986.

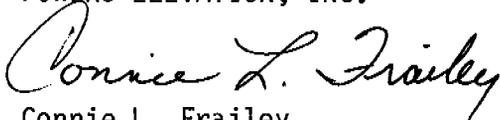
If you have any questions, please contact me at the above toll-free number.

Please return the approval to:

Mr. Al Marx
Texaco, Inc.
Box EE
Cortez, Colorado 81321

Sincerely,

POWERS ELEVATION, INC.



Connie L. Frailey
Vice President, Environmental Services

cc: Mr. Al Marx, Texaco, Inc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Texaco-Govt-S.J.Weber-NCT1

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Iron Wash - Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 13 T23S R13E

12. COUNTY OR PARISH
Emery

13. STATE
UT

16. NO. OF ACRES IN LEASE
2160 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLYING FOR, OF THIS LEASE, FT.
6000'

19. PROPOSED DEPTH
6000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)
4408' GR

22. APPROX. DATE WORK WILL START*
July 22, 1986

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Texaco, Inc.

3. ADDRESS OF OPERATOR
Box EE
Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1850' FSL & 1980' FEL (NW SE)
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
22.3 miles Southwest of Green River, Utah

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1850'

16. NO. OF ACRES IN LEASE
2160 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLYING FOR, OF THIS LEASE, FT.
6000'

19. PROPOSED DEPTH
6000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)
4408' GR

22. APPROX. DATE WORK WILL START*
July 22, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40 ST&C	100'	Cement to surface
11"	8-5/8"	24# K-55 ST&C	1800'	Cement to surface
7-7/8"	5-1/2"	14# K-55 STUC	5400'	Cement two steps: place DU Tool at top of Honaker Trail. Cement to reach intermediate casing shoe.
7-7/8"	5-1/2"	15.5# K-55 ST&C	6000'	

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" Drilling Program
- "C" Blowout Preventer Diagram
- "D" Surface Use Program
- "E" & "E1" Access Road Maps
- "F" Radius Map of Field
- "G" & "G1" Drill Pad Layout, Cuts & Fills
- "H" Drill Rig Layout

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7-2-86
BY: John R. B...
WELL SPACING: 302

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. SIGNER John R. B... TITLE Area Superintendent DATE June 24, 1986

(This space for Federal or State office use)
PERMIT NO. 43-015-30226

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

*See Instructions On Reverse Side



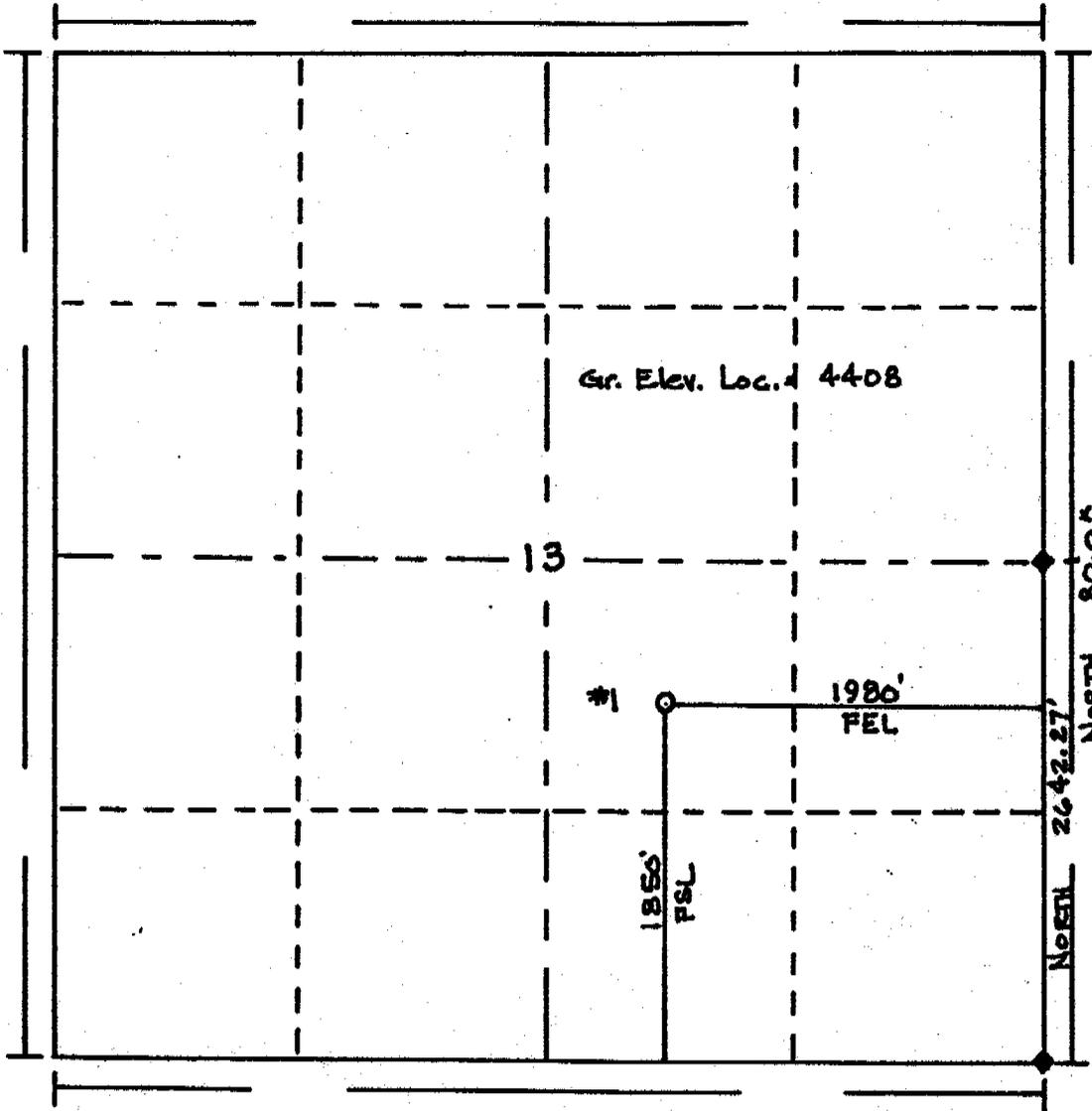
FORM F-106

EXHIBIT "A"

Location and Elevation Plat

- * Record GLO plat
- ◆ Found GLO 1912 B.C. w/ Rk. Pile
- () Field measure

R. 13 E



T. 23 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado has in accordance with a request from Al Marx for **TEXACO INC.** determined the location of Texaco Gov't. - S.J. Weber (NCT-1) #1 to be 1850' FSL & 1980' FEL of Section 13 Township 23 South Range 13 East of the Salt Lake Principal Meridian Emery County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

Date: June 8, 1986

Samuel Stegeman

Licensed Engineer No. State of Colorado.



EXHIBIT "B"

DRILLING PROGRAM TO

ACCOMPANY A.P.D. FORM 3160-3

Attached to Form 3160-3

Texaco, Inc.

#1 Texaco - Government - S. J. Weber NCT 1

NW SE Sec. 13 T23S R13E

1850' FSL & 1980' FEL

Emery County, Utah

1. The Geologic Surface Formation

The surface formation is Quarternary Eolian deposits.

2. Estimated Tops of Important Geologic Markers

<u>FORMATION TOPS</u>	<u>DRILL DEPTH</u>	<u>FORMATION TOPS</u>	<u>DRILL DEPTH</u>
Wingate	1090'	Coconino	2470'
Chinle (Tri)	1405'	Honaker Trail	4010'
Moenkopi	1720'	Desert Creek	4630'
Gooseneck	2070'	Akah	4875'
Sinbad	2275'	Leadville	5590'
		Total Depth	6000'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals and Lessee's or Operators Plans for Protection of Such Resources.

Possible Oil: Gooseneck 2070'
Oil: Desert Creek 4630'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>SETTING DEPTH INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW OR USED</u>
17-1/2"	0-100'	100'	13-3/8"	48# H-40 ST&C	New
11"	0-1800'	1800'	8-5/8"	24# K-55 ST&C	New
7-7/8"	0-5400'	5400'	5-1/2"	14# K-55 ST&C	New
7-7/8"	5400-6000'	600'	5-1/2"	15.5# K-55 ST&C	New

Cement Program

Surface Casing: Cement to surface. Intermediate: Cement to surface.

Production Casing: Cement in two stages with Class "H" Cement. Place DU tool at top of Honaker Trail. Cement to reach intermediate casing shoe. Sandblast casing across pay.

The Resource Area will not be notified in advance when running casing strings and cement.

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a diagram of the Blowout Preventer Equipment.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be pressure-tested before drilling casing cement plugs.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal.</u>	<u>VISCOSITY-sec./qt.</u>	<u>FLUID LOSS cc</u>
0-1800'	FW Mud w/gel slugs to clean hole.			
1800'-TD	LSND Mud	8.7-9.2	32-36	10-15

7. The Auxiliary Equipment to be Used

- (a) A kelly cock will be kept in the string.
- (b) A float will be used at the bit.
- (c) A two-man mud logging unit will be used from 1500' to T. D.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- (a) Four Drill Stem Tests will be run: two in Gooseneck SS interval and two in Desert Creek.
- (b) The logging program will consist of the following:
 - Dual Laterolog-MSFL: Base surf. csg to TD.
 - Integrated LS Sonic-GR-Cal: Base surf. csg to TD.
 - CNL-FDC-GR: 1800' to TD.
 - HDT Dipmeter: 4000' to TD.
- (c) Cores: one 50' core in Gooseneck SS and one 50' core in Desert Creek.
- (d) Anticipated completion program will be to set casing through pay. Perforate and stimulate as required.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 2600 psi.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for July 22, 1986, or as soon as possible after examination and approval of drilling requirements. Operations will cover 30 days for drilling.

The operator will contact the San Rafael Resource Area at Price, Utah, 801/637-4584, forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office and to the San Rafael Resource Area Office in Price, Utah within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P. O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

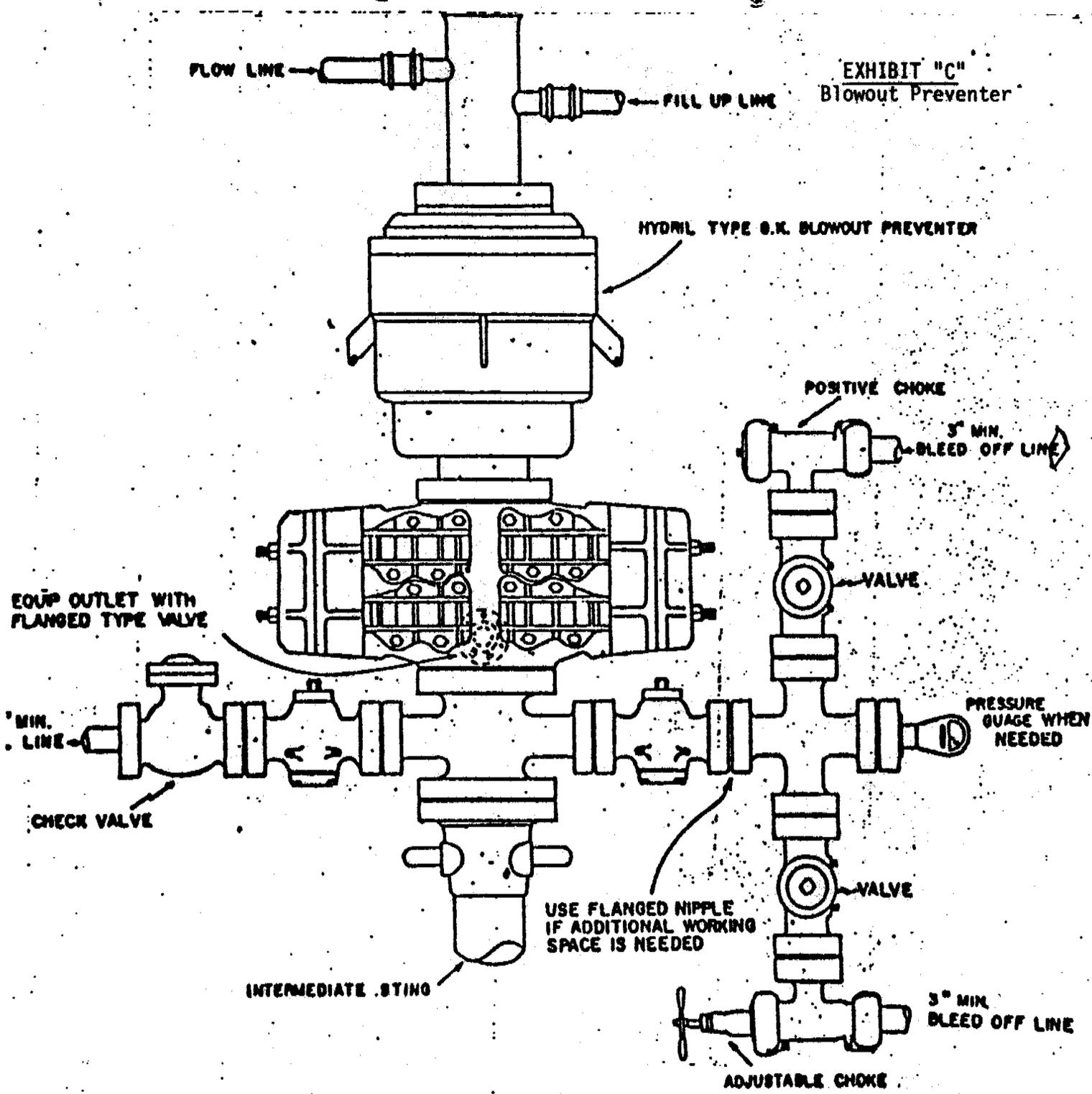
No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows: The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch: "Fed" or "Ind", as applicable. "Well number, location by 1/4 1/4, section, township and range". "Lease number".

EXHIBIT "C"
Blowout Preventer



NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS; ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

APPROVED
[Handwritten Signature]
[Handwritten Signature]

TEXACO INC.
BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 3

OPERATOR Leppes, Inc. DATE 6-30-86

WELL NAME Hort. - S. J. Weber - NCT1 #1

SEC NWSE 13 T 23S R 13E COUNTY Emery

43-015-30226
API NUMBER

Fed.
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'
Need water permit

APPROVAL LETTER:

SPACING: 203 _____ UNIT

302

_____ CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 2, 1986

Texaco, Inc.
Box EE
Cortez, Colorado 81321

Gentlemen:

Re: Well Name: Govt.-S.J. Weber-NCT1 #1 - NW SE Sec. 13, T. 23S, R. 13E
1850' FSL, 1980' FEL - Emery County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2

Texaco, Inc.

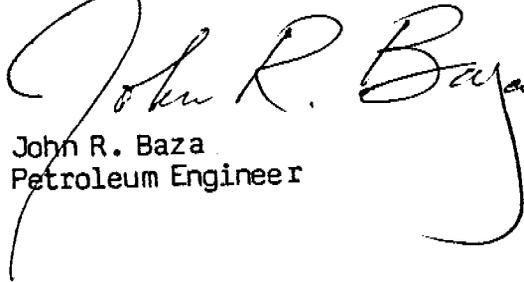
Well Name: Govt.-S.J. Weber-NCT1 #1

July 2, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-015-30226.

Sincerely,



John R. Baza
Petroleum Engineer

as

Enclosures

cc: Branch of Fluid Minerals

D. R. Nielson

8159T

071002 *file*

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Texaco, Inc.

3. ADDRESS OF OPERATOR
Box EE
Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1850' FSL & 1980' FEL (NW SE)

At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
22.3 miles Southwest of Green River, Utah

16. NO. OF ACRES IN LEASE
2160 acres

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
1850'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4408' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Texaco-Govt-S.J.Weber-NCT1

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Iron Wash - Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec 13 T23S R13E

12. COUNTY OR PARISH
Emery

13. STATE
UT

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1850'

17. NO. OF ACRES ASSIGNED
TO THIS WELL
160

19. PROPOSED DEPTH
6000'

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
July 22, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# H-40 ST&C	100'	Cement to surface
11"	8-5/8"	24# K-55 ST&C	1800'	Cement to surface
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7-7/8"	5-1/2"	15.5# K-55 ST&C	6000'	

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" Drilling Program
- "C" Blowout Preventer Diagram
- "D" Surface Use Program
- "E" & "E1" Access Road Maps
- "F" Radius Map of Field
- "G" & "G1" Drill Pad Layout, Cuts & Fills
- "H" Drill Rig Layout

RECEIVED
JUL 09 1986

DIVISION OF
OIL, GAS & MINING

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. SIGNER John R. Manf TITLE Area Superintendent DATE June 24, 1986

(This space for Federal or State office use)
PERMIT NO. 43-015-30226 APPROVAL DATE _____

SUBJECT Kenneth V. Rhee TITLE Acting DISTRICT MANAGER DATE JUL 08 1986

CONDITIONS OF APPROVAL, IF ANY:
TO RIGHT OF WAY APPROVAL
CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

*See Instructions On Reverse Side

State of Utah - DOG M



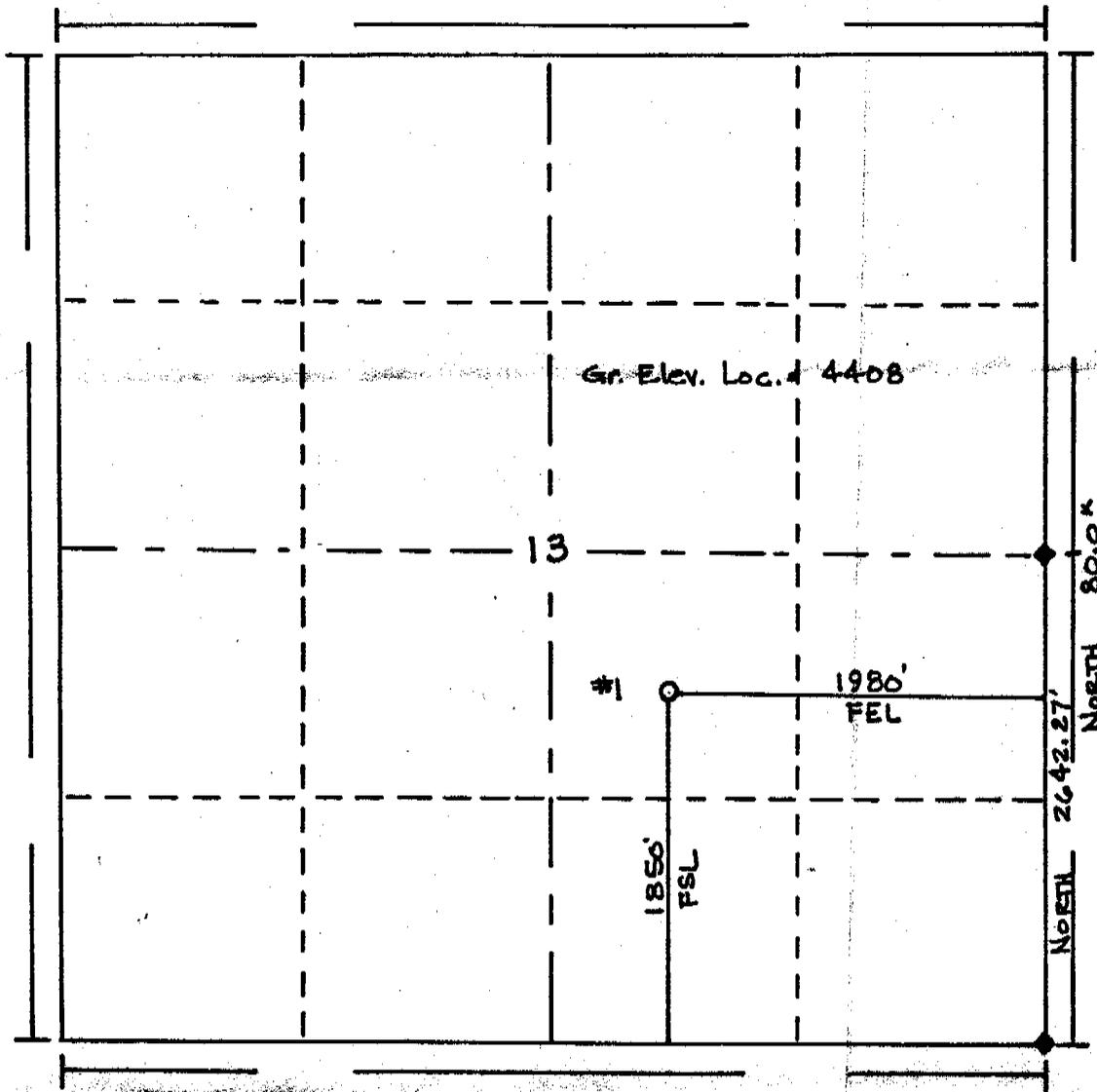
FORM F-106

EXHIBIT "A"

Location and Elevation Plat

- * Record GLO plat
- ◆ Found GLO 1912 B.C. w/ Rk. Pile
- () Field measure

R. 13 E



T. 23 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
 has in accordance with a request from **Al Marx**
 for **TEXACO INC.**

determined the location of **Texaco Gov't. - S.J. Weber (NCT-1) #1**
 to be **1850' FSL & 1980' FEL** of **Section 13 Township 23 South**
Range 13 East of the **Salt Lake Principal Meridian**
Emery County, Utah

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of

Date: June 8, 1986

Samuel Stegeman
 Licensed Engineer No. 20596
 State of Colorado.

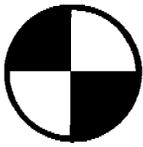


Texaco, Inc.
Well No. Texaco-Govt-S.J. Weber-NCT 1
Sec. 13, T. 23 S., R. 13 E.
Emery County, Utah
Lease U-33987

CONDITION OF APPROVAL

B. . . SURFACE USE PLAN

In the event the above well begins production, you will be required to relocate the wildlife guzzler located on lease to an acceptable location designated by the Bureau of Land Management, San Rafael Resource Area Office.



Powers Elevation, Inc.

071705

OIL WELL ELEVATIONS-LOCATIONS
ENVIRONMENTAL-ARCHAEOLOGICAL SERVICES
P.O. Box 2612
Denver, Colorado 80201-2612
Phone 303/321-2217
Toll Free 1-800-824-2550

RECEIVED
JUL 14 1986

July 10, 1986

**DIVISION OF
OIL, GAS & MINING**

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

RE: Application to Drill -- Additional Information
Texaco, Inc. #1 Govt-S.J. Weber (NCT 1)
1850' FSL & 1980' FEL
NW SE, Sec 18, T23S R13E
Emery County, Utah

Gentlemen:

In accordance with your request to Mr. Al Marx of Texaco, Inc. we are enclosing copies of the approved Temporary Application to Appropriate Water, and the Surface Use Program for the above-referenced well location. Sections 7 (4) and (5), and 10 (1) of the Surface Use Program address the waste and trash facilities and disposal thereof.

Sincerely,

POWERS ELEVATION, INC.

Connie L. Frailey
Vice President, Environmental Services

Encl.

cf:nt

cc: Mr. Al Marx; Texaco, Inc.

EXHIBIT "D"

SURFACE USE PROGRAM TO ACCOMPANY A.P.D.

RECEIVED
JUL 14 1986

DIVISION OF
OIL, GAS & MINING

Attached to Form 3160-3
Texaco, Inc.
#1 Texaco-Govt-S.J. Weber NCT 1
NW SE Sec. 13 T23S R13E
1850' FSL & 1980' FEL
Emery County, Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as EXHIBIT "A". Staking included two directional reference stakes and elevations, also shown on EXHIBIT "A".
- B. The distance from Green River, Utah, is 22.3 miles. From Green River, proceed westerly on I-70 to Exit 147 (-+ 11.9 miles), continue westerly 0.3 miles (exit ramp) to begin Utah State Highway 24. Turn left, proceed 7.6 miles on paved Highway 24 (cross San Rafael River at 4.7 miles) to access marker at approximate equivalent mile marker 153.4, thence southwesterly 1.9 miles on seismic trail to the intersection of another, north-south, seismic trail. Proceed south .5 mile to flagged new access, thence west .2 mile on flagged new access to location, as shown on EXHIBIT "E" & "E-1".
- C. All roads to location are shown on EXHIBITS "E" & "E-1". A new access road .2 mile from the existing seismic trail will be required, as shown on EXHIBITS "E" & "E-1".
- D. This is an exploratory well. All existing roads within a two-mile radius are shown on EXHIBIT "E".
- E. N/A
- F. The existing seismic trail will need upgrading, and normal maintenance will be done. Highway 24 will require no upgrading or maintenance by the Operator. The grade on the trail is 10% or less.
- G. Pursuant to Title V, Sec 501, of the Federal Land Policy and Management Act of 1976, and 43 CFR 2800, Texaco, Inc. herewith requests a grant for a new Right-of-Way 24' wide and 1.75 miles (9240') long for that portion of the existing seismic line from the East line of Section 13 to State Highway #24 in Section 8, T23S R14E, approximately 60 days for drilling operations and up to 30 years if well is productive. Therefore, a 30 year term is being requested, with right of renewal.

Applicant agrees that this Right-of-Way will be subject to the terms and conditions of 43 CFR 2800.

Alvin R. Marx, authorized signer for Texaco, Inc., Applicant, certifies that he is of legal age and has personally examined the information contained in this application and believes the information is correct to the best of his knowledge. He further certifies that Applicant is authorized to do business in the State of Utah and has the technical and financial capability to construct, operate, maintain and terminate system for which Right-of-Way grant is being requested.

2. Planned Access Roads

Map showing all necessary access roads to be constructed or reconstructed is shown as EXHIBIT "E-1" for the following:

A. Drilling Operations

- (1) The maximum width of the .2 mile of new access required, and the 2.4 miles of seismic trail, will be 16 feet, 20 feet total disturbed area.
- (2) The maximum grade will be 10%.
- (3) No turnouts are planned.
- (4) No drainage design is planned during drilling operations. Brush will be cleared and a temporary road will be prepared by grader.
- (5) One 18" culvert will be installed at the highway, or in accordance with requirements of Utah Department of Transportation.
- (6) No surfacing material will be required.
- (7) No gates, fence cuts, or cattleguards will be installed.
- (8) Major cuts and fills: None
- (9) The new access road to be constructed was centerline flagged during staking. This road does cross B.L.M. lands, as shown on EXHIBIT "E", Section B-C.
- (10) Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance. The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met,

the Area Manager will be notified so that temporary drainage control can be installed along the access road.

B. Production

- (1) If production is obtained, new road will be graded and graveled, and drainage will be constructed. If accumulated material is not sufficient, additional material will be provided by dirt contractor.

3. Location of Existing Wells

For all existing wells within a one-mile radius, see EXHIBIT "F".

- (1) There are no water wells within a one-mile radius of this location.
- (2) There are no disposal wells.
- (3) There are no wells presently being drilled.
- (4) There are no producing wells within this one-mile radius.
- (5) There are no injection wells.

4. Location of Existing and/or Proposed Facilities to be Used if Well is Productive.

- A. This information is not known and cannot be accurately presented. If well is subsequently completed for production, Operator shall supply this information with production notification.

All permanent (onsite for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area office. All meter measurement facilities will conform with the API Standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

B. Rehabilitation of all pad areas not used for production facilities will be made in accordance with B.L.M. stipulations.

5. Location and Type of Water Supply

- A. The source of water will be the San Rafael River, from a point located in the NW 1/4 of Sec 27 T22S R14E. A copy of the temporary use permit is attached.
- B. Water will be transported by truck over approved access roads.
- C. No water well is to be drilled for this location.

6. Construction Materials

- A. No construction materials are needed for drilling well or constructing access roads into the location during drilling. The surface soil materials will be sufficient.
- B. No construction materials will be taken off Federal land. If well is productive and materials from road and pad grading are not sufficient, additional materials will be purchased from a private source.

7. Handling of Waste Materials and Disposal

- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Any fluids produced during drilling tests or while making production tests will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt waters or other noxious fluids will be cleaned up and removed. Produced waste water will be confined to an unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).
- (4) Sewage holding tank will be provided for trailers. This will be hauled to an approved disposal site in Green River, Utah.
- (5) Garbage and trash will be contained in trash cage. Drill fluids, water, drilling mud and tailings will be kept in reserve pit, as shown on EXHIBIT "H".
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All dangerous open pits will be fenced during drilling and kept closed until the pit is leveled.

8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

9. Well Site Layout

- (1) EXHIBIT "G" is the Drill Pad Layout as staked, with elevations, by Powers Elevation of Farmington, New Mexico. Cuts and fills have been drafted to represent the planned cut across the location and to the deepest part of the pad. Topsoil is 12 inches deep and will be stockpiled, as shown on EXHIBIT "G". Topsoil along access will be reserved adjacent to the road.
- (2) EXHIBIT "H" is a plan diagram of the proposed rig and equipment, reserve pit, pipe racks and mud tanks, access road, parking and turnaround. No permanent living facilities are planned. There will be a trailer on site.
- (3) The reserve pits will not be lined, unless determined necessary during construction.

10. Plans for Reclamation of the Surface

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring will begin as soon as all pits have dried. Waste disposal and spoils materials will be hauled away to an approved disposal site immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) The soil-banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per the following formula provided by the B.L.M.

Indian Rice Grass	2# per acre
Sand Dropseed	1/2 # per acre
Mormon Tea	1# per acre
Black brush	if available

Revegetation is recommended for road area, as well as around drill pad.

Prior to reseeding, all disturbed area, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seded area to assure seed coverage.

- (3) Three sides of the reserve pit will be fenced with woven wire (2 barbs) before start of drilling operations. Prior to rig release, the fourth side will be fenced to prevent livestock

or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.

- (4) If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The reclamation operations will begin immediately after the drill rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. The Operator or his contractor will notify the San Rafael Resource Area at Price, Utah, 48 hours before starting reclamation work that involves earthmoving equipment, and upon completion of restoration measures.

11. Surface Ownership

Surface at the well site is owned by The U. S. There is no private ownership of access roads.

Surface ownership of access roads, as shown on EXHIBITS "E" & "E-1" is as follows:

Section A - B State Highway #24
Section B - C Seismic trail - BLM
Section C - 1 New access - BLM

12. Other information

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe Drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned, will be identified in accordance with 43 CFR 3162.2.

Sundry Notice and Report on Wells, form 3160-5, will be filed for approval of all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance has been performed on the access and well site. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operator's Field Representative

Through A.P.D. Approval:
Connie L. Frailey
Agent/Consultant for
Texaco, Inc.
P.O. Box 2612
Denver, Colorado 80201-2612
Phone (303) 321-2217

Mail Approved A.P.D. to:
Alvin R. Marx
Texaco, Inc.
Box EE
Cortez, Colorado 81321
(303) 565-8401

Field Representative (Drilling Operations):
Alvin R. Marx
(303) 565-8401 office
(303) 882-7526 home

14. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Texaco, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 24, 1986
Date

Connie L. Frailey
Powers Elevation
Connie L. Frailey
Vice President, Environmental Services
Agent/Consultant for Texaco, Inc.

TEMPORARY APPLICATION TO APPROPRIATE WATER STATE OF UTAH

Application No. 161820

93-3541

RECEIVED

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

JUN 17 1986
WATER RIGHTS PRICE

- Irrigation Domestic Stockwatering Municipal Power Mining Other Uses
- The name of the applicant is Phillip W. Martin Water Service Attn: Bill Haas
- The Post Office address of the applicant is P.O. Box 1443 Moab, Utah 84532
- The quantity of water to be appropriated _____ second-feet and/or 3.0 acre-feet
- The water is to be used for Exploration Drilling from 6-17-86 to 12-17-86
(Major Purpose) (Month) (Day) (Month) (Day)
other use period _____ from _____ to _____
(Minor Purpose) (Month) (Day) (Month) (Day)
and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)
- The drainage area to which the direct source of supply belongs is _____
(Leave Blank)
- The direct source of supply is* San Rafael River
(Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

- The point of diversion from the source is in Emery County, situated at a point* S. 195 ft. & E. 1565 ft. from W $\frac{1}{2}$ Cor. Sec. 27, T22S, R14E, SLB&M.

(14 miles SW of Green River) Tidwell Bottoms Quad

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

- The diverting and carrying works will consist of Portable pump - tank truck
- If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____ area inundated in acres _____ legal subdivision of area inundated _____
- If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

_____ Total _____ Acres
- Is the land owned by the applicant? Yes _____ No X If "No," explain on page 2.
- Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.
- If application is for power purposes, describe type of plant, size and rated capacity _____
- If application is for mining, the water will be used in _____ Mining District at the _____ mine, where the following ores are mined _____
- If application is for stockwatering purposes, number and kind of stock watered _____
- If application is for domestic purposes, number of persons _____, or families _____
- If application is for municipal purposes, name of municipality _____
- If application is for other uses, include general description of proposed uses Exploration Drilling
- Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Texaco Government SJ Heber (NCT-1) Well #1.
N. 1850 ft. & W. 1080 ft. from SE Cor. Sec. 13, T23S, R13E, SLB&M.
- The use of water as set forth in this application will consume 3.0 second-feet and/or acre-feet of water and _____ second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Handwritten signature: Billy B. ...

Signature of Applicant

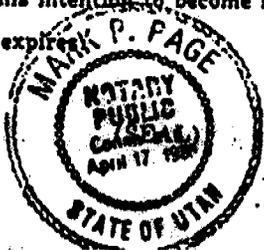
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH
County of... CARSON

On the 17 day of June, 1934, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires



Handwritten signature: Mark P. Page
Notary Public

FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	\$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0	150.00	foot per second.

Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus \$7.50 for each 500 a.f. above the first
over 7500	150.00	500 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. *June 17, 1986* Application received by mail over counter in State Engineer's office by *SP*
2. Priority of Application brought down to, on account of
3. Application fee, \$....., received by Rec. No.....
4. Application microfilmed by Roll No.
5. Indexed by Platted by
6. *6-17-86* Application examined by *SP*
7. Application returned, or corrected by office
8. Corrected Application resubmitted by mail over counter to State Engineer's office.
9. Application approved for advertisement by
10. Notice to water users prepared by
11. Publication began; was completed
- Notice published in
12. Proof slips checked by
13. Application protested by
14. Publisher paid by M.E.V. No.
15. Hearing held by
16. Field examination by
17. *6-17-86* Application designated for approval rejection *SP*
18. Application copied or photostated by proofread by
19. Application approved rejected
20. **Conditions:**
 This Application is approved, subject to prior rights, as follows:
 a. Actual construction work shall be diligently prosecuted to completion.
 b. Proof of Appropriation shall be submitted to the State Engineer's office by
- c.
-
 State Engineer
21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

TEMPORARY

Application No. *61820*
93-3541

EXHIBIT "D"

RECEIVED
JUL 14 1986

SURFACE USE PROGRAM TO ACCOMPANY A.P.D.

**DIVISION OF
OIL, GAS & MINING**

Attached to Form 3160-3
Texaco, Inc.
#1 Texaco-Govt-S.J. Weber NCT 1
NW SE Sec. 13 T23S R13E
1850' FSL & 1980' FEL
Emery County, Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as EXHIBIT "A". Staking included two directional reference stakes and elevations, also shown on EXHIBIT "A".
- B. The distance from Green River, Utah, is 22.3 miles. From Green River, proceed westerly on I-70 to Exit 147 (-+ 11.9 miles), continue westerly 0.3 miles (exit ramp) to begin Utah State Highway 24. Turn left, proceed 7.6 miles on paved Highway 24 (cross San Rafael River at 4.7 miles) to access marker at approximate equivalent mile marker 153.4, thence southwesterly 1.9 miles on seismic trail to the intersection of another, north-south, seismic trail. Proceed south .5 mile to flagged new access, thence west .2 mile on flagged new access to location, as shown on EXHIBIT "E" & "E-1".
- C. All roads to location are shown on EXHIBITS "E" & "E-1". A new access road .2 mile from the existing seismic trail will be required, as shown on EXHIBITS "E" & "E-1".
- D. This is an exploratory well. All existing roads within a two-mile radius are shown on EXHIBIT "E".
- E. N/A
- F. The existing seismic trail will need upgrading, and normal maintenance will be done. Highway 24 will require no upgrading or maintenance by the Operator. The grade on the trail is 10% or less.
- G. Pursuant to Title V, Sec 501, of the Federal Land Policy and Management Act of 1976, and 43 CFR 2800, Texaco, Inc. herewith requests a grant for a new Right-of-Way 24' wide and 1.75 miles (9240') long for that portion of the existing seismic line from the East line of Section 13 to State Highway #24 in Section 8, T23S R14E, approximately 60 days for drilling operations and up to 30 years if well is productive. Therefore, a 30 year term is being requested, with right of renewal.

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Alvin R. Marx, authorized signer for Texaco, Inc., Applicant, certifies that he is of legal age and has personally examined the information contained in this application and believes the information is correct to the best of his knowledge. He further certifies that Applicant is authorized to do business in the State of Utah and has the technical and financial capability to construct, operate, maintain and terminate system for which Right-of-Way grant is being requested.

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12. Other information

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe Drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned, will be identified in accordance with 43 CFR 3162.2.

Sundry Notice and Report on Wells, form 3160-5, will be filed for approval of all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance has been performed on the access and well site. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operator's Field Representative

Through A.P.D. Approval:
Connie L. Frailey
Agent/Consultant for
Texaco, Inc.
P.O. Box 2612
Denver, Colorado 80201-2612
Phone (303) 321-2217

Mail Approved A.P.D. to:
Alvin R. Marx
Texaco, Inc.
Box EE
Cortez, Colorado 81321
(303) 565-8401

Field Representative (Drilling Operations):
Alvin R. Marx
(303) 565-8401 office
(303) 882-7526 home

14. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Texaco, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 24, 1986
Date

Connie L. Frailey
Powers Elevation
Connie L. Frailey
Vice President, Environmental Services
Agent/Consultant for Texaco, Inc.

TEMPORARY

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

93-3541

RECEIVED

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

JUN 17 1986
WATER RIGHT PRICE

- Irrigation Domestic Stockwatering Municipal Power Mining Other Uses
- The name of the applicant is Phillip W. Martin Water Service Attn: Bill Haas
- The Post Office address of the applicant is P.O. Box 1443 Moab Utah 84532
- The quantity of water to be appropriated _____ second-feet and/or 3.0 acre-feet
- The water is to be used for Exploration Drilling from 6-17-86 to 12-17-86
(Major Purpose) (Month) (Day) (Month) (Day)
other use period _____ from _____ to _____
(Minor Purpose) (Month) (Day) (Month) (Day)
and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)
- The drainage area to which the direct source of supply belongs is _____
(Leave Blank)
- The direct source of supply is* San Rafael River
(Name of stream or other source)

which is tributary to _____, tributary to _____
*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

- The point of diversion from the source is in Emery County, situated at a point*
S. 195 ft. & E. 1565 ft. from W 1/4 Cor. Sec. 27, T22S, R14E, SLB&M.
(14 miles SW of Green River) Tidwell Bottoms Quad

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

- The diverting and carrying works will consist of Portable pump - tank truck
- If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____
- If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:

_____ Total _____ Acres
- Is the land owned by the applicant? Yes _____ No X If "No," explain on page 2.
- Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.
- If application is for power purposes, describe type of plant, size and rated capacity. _____
- If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____
- If application is for stockwatering purposes, number and kind of stock watered _____
- If application is for domestic purposes, number of persons _____, or families _____
- If application is for municipal purposes, name of municipality _____
- If application is for other uses, include general description of proposed uses _____
Exploration Drilling
- Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Texaco Government SJ Heber (NCT-1) Well #1.
N. 1950 ft. & W. 1980 ft. from SE Cor. Sec. 13, T23S, R13E, SLB&M.
- The use of water as set forth in this application will consume 3.0 second-feet and/or acre-foot of water and _____ second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

Billy B. Hall

Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH }
County of CARSON } ss

On the 17 day of June, 1986, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires



Mark P. Page
Notary Public

FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	\$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0	150.00	foot per second.
Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus \$7.50 for each 500 a.f. above the first
over 7500	150.00	500 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. *June 17, 1986* Application received by mail over counter in State Engineer's office by *SP*
2. Priority of Application brought down to, on account of
3. Application fee, \$....., received by Rec. No.....
4. Application microfilmed by Roll No.
5. Indexed by Platted by
6. *6-17-86* Application examined by *SP*
7. Application returned, or-corrected by office
8. Corrected Application resubmitted by mail over counter to State Engineer's office.
9. Application approved for advertisement by
10. Notice to water users prepared by
11. Publication began; was completed
Notice published in
12. Proof slips checked by
13. Application protested by
14. Publisher paid by M.E.V. No.
15. Hearing held by
16. Field examination by
17. *6-17-86* Application designated for approval rejection *SP*
18. Application copied or photostated by proofread by
19. Application approved rejected
20. **Conditions:**
This Application is approved, subject to prior rights, as follows:
a. Actual construction work shall be diligently prosecuted to completion.
b. Proof of Appropriation shall be submitted to the State Engineer's office by

State Engineer

21. Time for making Proof of Appropriation extended to
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

TEMPORARY

Application No. *761820*

93-3541

EXHIBIT "D"

RECEIVED
JUL 14 1986

SURFACE USE PROGRAM TO ACCOMPANY A.P.D.

**DIVISION OF
OIL, GAS & MINING**

Attached to Form 3160-3
Texaco, Inc.
#1 Texaco-Govt-S.J. Weber NCT 1
NW SE Sec. 13 T23S R13E
1850' FSL & 1980' FEL
Emery County, Utah

1. Existing Roads

- A. The proposed well site and elevation plat is shown as EXHIBIT "A". Staking included two directional reference stakes and elevations, also shown on EXHIBIT "A".
- B. The distance from Green River, Utah, is 22.3 miles. From Green River, proceed westerly on I-70 to Exit 147 (-+ 11.9 miles), continue westerly 0.3 miles (exit ramp) to begin Utah State Highway 24. Turn left, proceed 7.6 miles on paved Highway 24 (cross San Rafael River at 4.7 miles) to access marker at approximate equivalent mile marker 153.4, thence southwesterly 1.9 miles on seismic trail to the intersection of another, north-south, seismic trail. Proceed south .5 mile to flagged new access, thence west .2 mile on flagged new access to location, as shown on EXHIBIT "E" & "E-1".
- C. All roads to location are shown on EXHIBITS "E" & "E-1". A new access road .2 mile from the existing seismic trail will be required, as shown on EXHIBITS "E" & "E-1".
- D. This is an exploratory well. All existing roads within a two-mile radius are shown on EXHIBIT "E".
- E. N/A
- F. The existing seismic trail will need upgrading, and normal maintenance will be done. Highway 24 will require no upgrading or maintenance by the Operator. The grade on the trail is 10% or less.
- G. Pursuant to Title V, Sec 501, of the Federal Land Policy and Management Act of 1976, and 43 CFR 2800, Texaco, Inc. herewith requests a grant for a new Right-of-Way 24' wide and 1.75 miles (9240') long for that portion of the existing seismic line from the East line of Section 13 to State Highway #24 in Section 8, T23S R14E, approximately 60 days for drilling operations and up to 30 years if well is productive. Therefore, a 30 year term is being requested, with right of renewal.

Applicant agrees that this Right-of-Way will be subject to the terms and conditions of 43 CFR 2800.

Alvin R. Marx, authorized signer for Texaco, Inc., Applicant, certifies that he is of legal age and has personally examined the information contained in this application and believes the information is correct to the best of his knowledge. He further certifies that Applicant is authorized to do business in the State of Utah and has the technical and financial capability to construct, operate, maintain and terminate system for which Right-of-Way grant is being requested.

2. Planned Access Roads

Map showing all necessary access roads to be constructed or reconstructed is shown as EXHIBIT "E-1" for the following:

A. Drilling Operations

- (1) The maximum width of the .2 mile of new access required, and the 2.4 miles of seismic trail, will be 16 feet, 20 feet total disturbed area.
- (2) The maximum grade will be 10%.
- (3) No turnouts are planned.
- (4) No drainage design is planned during drilling operations. Brush will be cleared and a temporary road will be prepared by grader.
- (5) One 18" culvert will be installed at the highway, or in accordance with requirements of Utah Department of Transportation.
- (6) No surfacing material will be required.
- (7) No gates, fence cuts, or cattleguards will be installed.
- (8) Major cuts and fills: None
- (9) The new access road to be constructed was centerline flagged during staking. This road does cross B.L.M. lands, as shown on EXHIBIT "E", Section B-C.
- (10) Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance. The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met,

the Area Manager will be notified so that temporary drainage control can be installed along the access road.

B. Production

- (1) If production is obtained, new road will be graded and graveled, and drainage will be constructed. If accumulated material is not sufficient, additional material will be provided by dirt contractor.

3. Location of Existing Wells

For all existing wells within a one-mile radius, see EXHIBIT "F".

- (1) There are no water wells within a one-mile radius of this location.
- (2) There are no disposal wells.
- (3) There are no wells presently being drilled.
- (4) There are no producing wells within this one-mile radius.
- (5) There are no injection wells.

4. Location of Existing and/or Proposed Facilities to be Used if Well is Productive.

- A. This information is not known and cannot be accurately presented. If well is subsequently completed for production, Operator shall supply this information with production notification.

All permanent (onsite for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or comingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area office. All meter measurement facilities will conform with the API Standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

B. Rehabilitation of all pad areas not used for production facilities will be made in accordance with B.L.M. stipulations.

5. Location and Type of Water Supply

- A. The source of water will be the San Rafael River, from a point located in the NW 1/4 of Sec 27 T22S R14E. A copy of the temporary use permit is attached.
- B. Water will be transported by truck over approved access roads.
- C. No water well is to be drilled for this location.

6. Construction Materials

- A. No construction materials are needed for drilling well or constructing access roads into the location during drilling. The surface soil materials will be sufficient.
- B. No construction materials will be taken off Federal land. If well is productive and materials from road and pad grading are not sufficient, additional materials will be purchased from a private source.

7. Handling of Waste Materials and Disposal

- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be handled in the reserve pit.
- (3) Any fluids produced during drilling tests or while making production tests will be collected in a test tank. If a test tank is not available during drilling, fluids will be handled in reserve pit. Any spills of oil, gas, salt waters or other noxious fluids will be cleaned up and removed. Produced waste water will be confined to an unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NPL-2B).
- (4) Sewage holding tank will be provided for trailers. This will be hauled to an approved disposal site in Green River, Utah.
- (5) Garbage and trash will be contained in trash cage. Drill fluids, water, drilling mud and tailings will be kept in reserve pit, as shown on EXHIBIT "H".
- (6) After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. All dangerous open pits will be fenced during drilling and kept closed until the pit is leveled.

8. Ancillary Facilities

No air strip, camp or other facilities will be built during drilling of this well.

9. Well Site Layout

- (1) EXHIBIT "G" is the Drill Pad Layout as staked, with elevations, by Powers Elevation of Farmington, New Mexico. Cuts and fills have been drafted to represent the planned cut across the location and to the deepest part of the pad. Topsoil is 12 inches deep and will be stockpiled, as shown on EXHIBIT "G". Topsoil along access will be reserved adjacent to the road.
- (2) EXHIBIT "H" is a plan diagram of the proposed rig and equipment, reserve pit, pipe racks and mud tanks, access road, parking and turnaround. No permanent living facilities are planned. There will be a trailer on site.
- (3) The reserve pits will not be lined, unless determined necessary during construction.

10. Plans for Reclamation of the Surface

- (1) If well is abandoned, site will be restored to original condition as nearly as possible. Backfilling, leveling and contouring will begin as soon as all pits have dried. Waste disposal and spoils materials will be hauled away to an approved disposal site immediately after drilling is completed. If production is obtained, the unused area will be restored as soon as possible.
- (2) The soil-banked material will be spread over the area. Revegetation will be accomplished by planting mixed grasses as per the following formula provided by the B.L.M.

Indian Rice Grass	2# per acre
Sand Dropseed	1/2 # per acre
Mormon Tea	1# per acre
Black brush	if available

Revegetation is recommended for road area, as well as around drill pad.

Prior to reseeding, all disturbed area, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seded area to assure seed coverage.

- (3) Three sides of the reserve pit will be fenced with woven wire (2 barbs) before start of drilling operations. Prior to rig release, the fourth side will be fenced to prevent livestock

or wildlife from entering; and the fencing will be maintained until leveling and cleanup are accomplished.

- (4) If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- (5) The reclamation operations will begin immediately after the drill rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. The Operator or his contractor will notify the San Rafael Resource Area at Price, Utah, 48 hours before starting reclamation work that involves earthmoving equipment, and upon completion of restoration measures.

11. Surface Ownership

Surface at the well site is owned by The U. S. There is no private ownership of access roads.

Surface ownership of access roads, as shown on EXHIBITS "E" & "E-1" is as follows:

Section A - B State Highway #24
Section B - C Seismic trail - BLM
Section C - 1 New access - BLM

12. Other information

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe Drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned, will be identified in accordance with 43 CFR 3162.2.

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June 24, 1986
Date

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Powers Elevation
Connie L. Frailey
Vice President, Environmental Services
Agent/Consultant for Texaco, Inc.

TEMPORARY

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

Application No. I. 61820

93-3541

RECEIVED

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- and stored each year (if stored) from _____ to _____
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- The drainage area to which the direct source of supply belongs is _____
(Leave Blank)
- The direct source of supply is* San Rafael River
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Lined area for providing additional facts.

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Bill B. ...

Signature of Applicant*

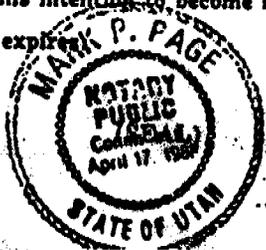
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DECLARATION OF CITIZENSHIP

STATE OF UTAH
County of CARSON ss

On the 17 day of June, 1936, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires



Mark P. Page
Notary Public

FEEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost	
0.0 to 0.1	\$ 15.00	
over 0.1 to 0.5	30.00	
over 0.5 to 1.0	45.00	
over 1.0 to 15.0	45.00	plus \$7.50 for each cfs above the first cubic
over 15.0	150.00	foot per second.
Storage — acre-feet		
0 to 20	22.50	
over 20 to 500	45.00	
over 500 to 7500	45.00	plus \$7.50 for each 500 a.f. above the first
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(This section is not to be filled in by applicant)

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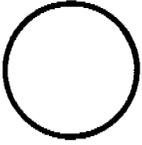
State Engineer

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22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No., issued

TEMPORARY

Application No. *761820*

93-3541

 Powers Elevation, Inc.

RECEIVED
JUL 18 1986

Drug
OIL WELL ELEVATIONS-LOCATIONS
ENVIRONMENTAL-ARCHAEOLOGICAL SERVICES
P.O. Box 2612
Denver, Colorado 80201-2612
Phone 303/321-2217
Toll Free 1-800-824-2550

July 17, 1986

DIVISION OF
OIL, GAS & MINING

~~072804~~

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

072805

RE: Texaco, Inc. Lease U-33987
#1 Texaco-Govt-S.J. Weber (NCT 1)
NW SE Sec 13 T23S R13E
Emery County, Utah

Gentlemen:

Enclosed is the waste and trash disposal plan for the above-referenced well. This was submitted to the Southeastern Utah District Health Department at the request of that office, and after consultation with the Division of Drinking Water and Sanitation in Salt Lake City. A copy was also sent to Mr. Thiriote's attention in the Salt Lake City office.

Mr. Thiriote is on vacation until July 28, Mr. Georgeson of the State office is not yet fully familiar with the procedures, and Mr. Gerald Story was out for the day. Texaco plans to begin drilling on or before July 22, 1986, because this Federal lease expires July 31, 1986. If there is any problem we would appreciate your efforts to expedite this matter.

I would also appreciate receiving any comments or information you have regarding this, because we will be filing permits for another company in a few days.

Thank you for your help. If you need additional information, please contact me at the toll-free number shown in our letter-head.

Sincerely yours,

POWERS ELEVATION, INC.

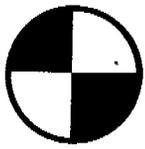
Connie L. Frailey

Connie L. Frailey
Vice President, Environmental Services

CF:nt

Encl.

cc: Mr. Al Marx, Texaco, Inc.



Powers Elevation, Inc.

RECEIVED
JUL 18 1986

OIL WELL ELEVATIONS-LOCATIONS
ENVIRONMENTAL/ARCHAEOLOGICAL SERVICES
P.O. Box 2612
Denver, Colorado 80201-2612
Phone 303/321-2217
Toll Free 1-800-824-2550

July 17, 1986

**DIVISION OF
OIL, GAS & MINING**

Mr. Gerald Story
Southeastern Utah District Health Dept.
P. O. Box 800
Price, Utah 84501

RE: Texaco, Inc.
Well #1 Texaco-Govt-S.J. Weber (NCT 1)
NW SE, Sec 13, T23S R13E
Emery County, Utah

Dear Mr. Story:

Texaco, Inc. is planning to begin drilling operations for the above-referenced oil well on or before July 22, 1986. This is a Federal lease with an expiration date of July 31, 1986.

There will be 5 to 7 people onsite at one time during drilling. Plans for disposal of waste, trash, and produced water are as follows:

1. Produced water will be handled in reserve pit during drilling operations. If well is productive, water will be confined to an unlined pit for a period not to exceed 90 days. During the 90 day period, application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the BLM District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL 2b).
2. A sewage holding tank will be provided for trailers and will be emptied at an approved sewage disposal facility in Green River, Utah.
3. Garbage and trash will be collected in a trash cage and will be hauled to an approved disposal site immediately after drilling is completed or as needed.

If you have any questions or require additional information, please call me at the above toll-free number.

Sincerely yours,

POWERS ELEVATION, INC.

Connie L. Frailey

Connie L. Frailey
Vice President, Environmental Services

cc: Mr. Al Marx, Texaco, Inc. Box EE, Cortez, Colorado 81321
State of Utah, Division of Oil, Gas & Mining, Salt Lake City, UT ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

081401

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

5. LEASE DESIGNATION AND SERIAL NO.

U-33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Texaco-Govt-S.J. Weber NCT1

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 13, T23S, R13E

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE Cortez, Co. 81321

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

1850' FSL and 1980' FEL (NW SE)

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
4408' GR

12. COUNTY OR PARISH
Emery

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)

(Other) Classified Information

(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 requests that all information regarding this well be kept confidential.

RECEIVED
AUG 13 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED John R. Mary

TITLE Area Superintendent

DATE 8/8/86

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BLM (4) UOGCC (2) JNH LAA ARM

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Texaco Gov't S.J. Weber

9. WELL NO.

NCT-1 #1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 13, T23S, R13E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

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

1850' FSL & 1980' FEL

RECEIVED
NOV 12 1986

DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.

43-015-30226

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

4425.6' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Abandonement

(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.)*

Attachement to 3160-4

9/23/86 Shoot off casing at 3500' TOOH and lay down casing. TIH w/tbg to 4800' and spot 45 sx cement plug from 4800-4600'. Spot 75 sx plug from 3600'-3400'. Spot 75 sx plug from 1800-1600'. Pull up to 1500' and roll hole w/mud. Fill casing w/10 sx cement weld on cap and erect dry hole marker. Well P & A'd 9/23/86. Verbal approval by State and BLM given to plug well.

* * * * * CONFIDENTIAL * * * * *

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

SIGNED

Alan A. Kline

TITLE Area Superintendent

DATE 11/6/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1)

RM (1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)
At surface
1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4425.6' KB

RECEIVED

NOV 12 1986

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
NCT-1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec 13, T23S, R13E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

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

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

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

Attachement to 3160-4

9/23/86 Shoot off casing at 3500' TOOH and lay down casing. TIH w/tbg to 4800' and spot 45 sx cement plug from 4800-4600'. Spot 75 sx plug from 3600'-3400'. Spot 75 sx plug from 1800-1600'. Pull up to 1500' and roll hole w/mud. Fill casing w/10 sx cement weld on cap and erect dry hole marker. Well P & A'd 9/23/86. Verbal approval by State and BLM given to plug well.

* * * * CONFIDENTIAL * * * *

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

SIGNED Alan C. Kleiss TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

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

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1)

RM (1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1850' FSL & 1980' FEL

5. LEASE DESIGNATION AND SERIAL NO.
U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
UCT-1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 13, T23S, R13E

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4425.6' KB

RECEIVED
NOV 12 1986

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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.)

9/9/86 TIH & set CIBP on wireline at 4896. Test to 2500 psi. Dump 25 sx cement on CIBP. TIH w/pkr & swab well down to 4200'. Perforate 4718'-30' w/2 JSPF on thru tbg gun. Swab well down. No fluid entry.

9/10/86 Acidize 4718-30' w/2400 gals 20% Hcl w/additives & 36 Ball Sealers. Avg rate 5 1/2 BPM @ 1400 psi. ISIP 900 psi. 15 Min SI 750 psi. Rig up to swab. Swab back 30% oil cut. Low fluid entry.

9/13/86 Acid Frac 4718-30' w/18,000 gals 28% Hcl w/additives & 18,000 gals gelled pad w/500 SCF/BBL N2. Avg rate 11 BPM @ 3300 psi. Flowed well back 14 1/2 hrs. Recovered 410 BLF 574 BLFTR Rig up to swab. Swab 6 days 3% oil cut. Never recovered all load. Low fluid entry. Shut down for approval to abandon well.

* * * * * CONFIDENTIAL * * * * *

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

SIGNED Alan A. Klauer TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1) RM (1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any Special Requirements on the reverse side.)
See also space 17 below.
At surface
1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4425.6' KB

RECEIVED
NOV 12 1986

5. LEASE DESIGNATION AND SERIAL NO.
U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
NCT-1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
Sec 13, T23S, R13E

12. COUNTY OR PARISH
Emery

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

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

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

9/9/86 TIH & set CIBP on wireline at 4896. Test to 2500 psi. Dump 25 sx cement on CIBP. TIH w/pkr & swab well down to 4200'. Perforate 4718'-30' w/2 JSPF on thru tbq gun. Swab well down. No fluid entry.

9/10/86 Acidize 4718-30' w/2400 gals 20% Hcl w/additives & 36 Ball Sealers. Avg rate 5 1/2 BPM @ 1400 psi. ISIP 900 psi. 15 Min SI 750 psi. Rig up to swab. Swab back 30% oil cut. Low fluid entry.

9/13/86 Acid Frac 4718-30' w/18,000 gals 28% Hcl w/additives & 18,000 gals gelled pad w/500 SCF/BBL N2. Avg rate 11 BPM @ 3300 psi. Flowed well back 14 1/2 hrs. Recovered 410 BLF 574 BLFTR. Rig up to swab. Swab 6 days 3% oil cut. Never recovered all load. Low fluid entry. Shut down for approval to abandon well.

* * * * CONFIDENTIAL * * * *

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

SIGNED Alan A. Kline TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1) RM (1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

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

1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4425.6' KB

RECEIVED
NOV 12 1986

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
NCT -1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 13, T23S, R13E

12. COUNTY OR PARISH
Emery

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

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

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

Attachment to 3160-4

8/31/86 Rig up Welex & perf 5150-70' w/1JSPF w/thru tbg gun. Rig up to swab. SFL at 4700 FFS. Made 6 swab runs recovered 3 BBL fluid, 62% water, 3% oil, 5% mud & 30% oil and mud emulsion. SIFN 12 hr SITP @ 5psi.

9/1/86 Rig up BJ and Acidize w/4000 gals 20% Hcl containing 750 SCF/BBL N2 Avg rate 5 BPM @ 2300 psi. Over displace w/1000 gal 6% Kcl water. ISIP 1450 psi. 15 min SI 1280. Swabbed to recover load fluid. Never recovered all load. 32 BLFTR.

9/5/86 Acid fracture treatment of 5150-70 w/10,000 gals 28% Hcl and 10,000 gals gelled water. Max rate 20 BPM @ 3800 psi. Avg 16 BPM @ 2500 psi. Flowed 8 hrs recovered 172 BLF. Well died. Rigged up to swab. 178 BLFTR w/trace of oil. Very little fluid entry. Abandoned 5150-70'. Move up hole.

* * * * CONFIDENTIAL * * * *

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

SIGNED Alan A. Kline TITLE Area Superintendent DATE 11/06/86

(This space for Federal or State office use)

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

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1)

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81322

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4425.6' KB

RECEIVED
NOV 12 1986

**DIVISION OF
OIL, GAS & MINING**

5. LEASE DESIGNATION AND SERIAL NO.
U-33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
NCT -1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 13, T23S, R13E

12. COUNTY OR PARISH
Emery

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

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

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

Attachment to 3160-4

8/31/86 Rig up Welex & perf 5150-70' w/1JSPF w/thru tbg gun. Rig up to swab. SFL at 4700 FPS. Made 6 swab runs recovered 3 BBL fluid, 62% water, 3% oil, 5% mud & 30% oil and mud emulsion. SIFN 12 hr SITP @ 5psi.

9/1/86 Rig up BJ and Acidize w/4000 gals 20% Hcl containing 750 SCF/BBL N2 Avg rate 5 BPM @ 2300 psi. Over displace w/1000 gal 6% Kcl water. ISIP 1450 psi. 15 min SI 1280. Swabbed to recover load fluid. Never recovered all load. 32 BLFTR.

9/5/86 Acid fracture treatment of 5150-70 w/10,000 gals 28% Hcl and 10,000 gals gelled water. Max rate 20 BPM @ 3800 psi. Avg 16 BPM @ 2500 psi. Flowed 8 hrs recovered 172 BLF. Well died. Rigged up to swab. 178 BLFTR w/trace of oil. Very little fluid entry. Abandoned 5150-70'. Move up hole.

* * * * CONFIDENTIAL * * * *

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

SIGNED *Alan A. Klein* TITLE Area Superintendent DATE 11/06/86

(This space for Federal or State office use)

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

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit, Oil

*See Instructions on Reverse Side RM (1)

REPORT NO.
13345F

PAGE NO. 1

TEST DATE:
18-AUG-86

WELL PERFORMANCE TESTING™ REPORT

FLOPETROL JOHNSTON

Schlumberger

A Production System Analysis (NODAL™)
Based On Model Verified™ Interpretation

Company: TEXACO, INC.

Well: GOVERNMENT S.J. #1

TEST IDENTIFICATION

Test Type MFE OH DST
Test No. 3
Formation PARIDOX
Test Interval (ft) 5138 - 5176
Reference Depth KELLY BUSHING

WELL LOCATION

Field WILD CAT
County EMERY
State UTAH
Sec/Twn/Rng S13T23SR13E
Elevation (ft) 4425

HOLE CONDITIONS

Total Depth (MD/TUD) (ft) 5176 / 5176
Hole Size (in) 7 7/8
Casing/Liner I.D. (in)
Perf'd Interval/Net Pay (ft).. --/13
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type GEL CHEM.
Mud Weight (lb/gal) 9.1
Mud Resistivity (ohm.m) 0.68 @ 92 DEG. F
Filtrate Resistivity (ohm.m).. 0.6 @ 90 DEG. F
Filtrate Chlorides (ppm) 700

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 2360
Gas Cushion Type NONE
Surface Pressure (psi) --
Liquid Cushion Type NONE
Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 4468 / 3.82
Collar Length (ft)/I.D. (in).. 642 / 2.50
Packer Depths (ft) 5138
Bottomhole Choke Size (in) ... 15/16
Gauge Depth (ft)/Type 5160/MECHANICAL

NET PIPE RECOVERY

Volume	Fluid Type	Properties
635 FT.	DRLG. MUD	0.68@92DEG.F-700 PPM
612 FT.	GAS CUT MUD	0.68@92DEG.F-700 PPM
30 FT.	OIL CUT MUD	0.68@92DEG.F-700 PPM
		(10%OIL, 85%MUD, 5%GAS)

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
5 CC	OIL	
85 CC	MUD	0.69 @ 92 DEG. F
		700 PPM CL.
Pressure: 65		GOR: --
		GLR: --

INTERPRETATION RESULTS

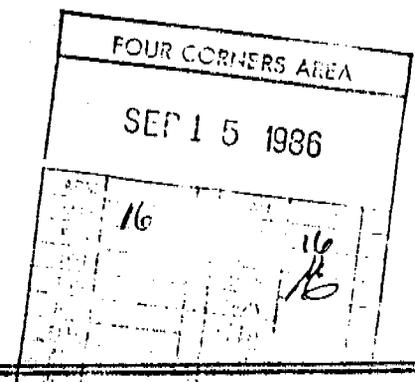
Model of Behavior
Fluid Type Used for Analysis .
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio
Interporosity Flow Coeff.
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) 0 - 10
Reservoir Temperature (F) 100
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: --

COMMENTS:
"TIGHT HOLE"



REPORT NO.
13345F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN. -H ₂ O)
1	8-18-86	0637	SET PACKER	-2.71	2360	--
2		0639	OPENED TOOL-1/4" BUBBLHOSE	0.00	58	--
		0644				20" BLOW
		0654				26" BLOW
3		0709	CLOSED FOR INITIAL SHUT-IN	28.82	72	1.0 PSIG
		0743				BLOW DIED
4		0809	FINISHED SHUT-IN	91.49	303	--
5		0810	RE-OPENED TOOL	92.43	76	28" BLOW
		0815				32" BLOW
		0820				30" BLOW
		0825				28" BLOW
		0830				25" BLOW
		0835				22" BLOW
		0840				20" BLOW
		0845				18" BLOW
		0850				16" BLOW
		0855				15" BLOW
		0900				14" BLOW
		0905				13" BLOW
6		0910	CLOSED FOR FINAL SHUT-IN	152.70	86	12" BLOW
		0925				BLOW DIED
7		1115	FINISHED SHUT-IN	276.00	322	--
8		1115	PULLED PACKER LOOSE	284.31	2362	--

REPORT NO.
13345F

PAGE NO. 1

TEST DATE:
18-AUG-86

WELL PERFORMANCE TESTING™ REPORT

FLOPETROL JOHNSTON

Schlumberger

A Production System Analysis (NODAL™)
Based On Model Verified™ Interpretation

Company: TEXACO, INC.

Well: GOVERNMENT S.J. #1

TEST IDENTIFICATION

Test Type MFE OH DST
Test No. 3
Formation PARIDOX
Test Interval (ft) 5138 - 5176
Reference Depth KELLY BUSHING

WELL LOCATION

Field WILD CAT
County EMERY
State UTAH
Sec/Twn/Rng S13T23SR13E
Elevation (ft) 4425

HOLE CONDITIONS

Total Depth (MD/TUD) (ft) 5176 / 5176
Hole Size (in) 7 7/8
Casing/Liner I.D. (in)
Perf'd Interval/Net Pay (ft).. --/13
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type GEL CHEM.
Mud Weight (lb/gal) 9.1
Mud Resistivity (ohm.m) 0.68 @ 92 DEG. F
Filtrate Resistivity (ohm.m).. 0.6 @ 90 DEG. F
Filtrate Chlorides (ppm) 700

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 2360
Gas Cushion Type NONE
Surface Pressure (psi) --
Liquid Cushion Type NONE
Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 4468 / 3.82
Collar Length (ft)/I.D. (in).. 642 / 2.50
Packer Depths (ft) 5138
Bottomhole Choke Size (in) ... 15/16
Gauge Depth (ft)/Type 5160/MECHANICAL

NET PIPE RECOVERY

Volume	Fluid Type	Properties
635 FT.	DRLG. MUD	0.68@92DEG.F-700 PPM
612 FT.	GAS CUT MUD	0.68@92DEG.F-700 PPM
30 FT.	OIL CUT MUD	0.68@92DEG.F-700 PPM
		(10%OIL, 85%MUD, 5%GAS)

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
5 CC	OIL	
85 CC	MUD	0.69 @ 92 DEG. F
		700 PPM CL.
Pressure: 65		GOR: --
		GLR: --

INTERPRETATION RESULTS

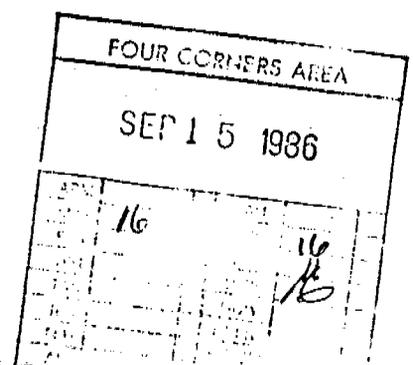
Model of Behavior
Fluid Type Used for Analysis .
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio
Interporosity Flow Coeff.
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) 0 - 10
Reservoir Temperature (F) 100
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: --

COMMENTS:
"TIGHT HOLE"



REPORT NO.
13345F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN.-H ₂ O)
1	8-18-86	0637	SET PACKER	-2.71	2360	--
2		0639	OPENED TOOL-1/4" BUBBLHOSE	0.00	58	--
		0644				20" BLOW
		0654				26" BLOW
3		0709	CLOSED FOR INITIAL SHUT-IN	28.82	72	1.0 PSIG
		0743				BLOW DIED
4		0809	FINISHED SHUT-IN	91.49	303	--
5		0810	RE-OPENED TOOL	92.43	76	28" BLOW
		0815				32" BLOW
		0820				30" BLOW
		0825				28" BLOW
		0830				25" BLOW
		0835				22" BLOW
		0840				20" BLOW
		0845				18" BLOW
		0850				16" BLOW
		0855				15" BLOW
		0900				14" BLOW
		0905				13" BLOW
6		0910	CLOSED FOR FINAL SHUT-IN	152.70	86	12" BLOW
		0925				BLOW DIED
7		1115	FINISHED SHUT-IN	276.00	322	--
8		1115	PULLED PACKER LOOSE	284.31	2362	--

REPORT NO.
13344F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN. -H ₂ O)
1	8-16-86	0630	SET PACKER	-3.98	2298	--
2		0632	OPENED TOOL-1/4" BUBBLHOSE	0.00	41	ON VACUUM
3		0704	CLOSED FOR INITIAL SHUT-IN	30.74	47	NO BLOW
4		0804	FINISHED SHUT-IN	92.20	1775	--
5		0806	RE-OPENED TOOL	93.39	58	SURF. BLOW
		0818				BLOW DIED
6		0906	CLOSED FOR FINAL SHUT-IN	152.31	69	--
7		1106	FINISHED SHUT-IN	272.46	1807	--
8		1106	PULLED PACKER LOOSE	272.58	2296	--

REPORT NO.
13344F

PAGE NO. 1

TEST DATE:
16-AUG-86

WELL PERFORMANCE TESTING™ REPORT

FLOPETROL JOHNSTON

Schlumberger

A Production System Analysis (NODAL™)
Based On Model Verified™ Interpretation

Company: **TEXACO, INC.**

Well: **GOVERNMENT S.J. WEBER #1**

TEST IDENTIFICATION

Test Type MFE OH DST
 Test No. 2
 Formation DESERT CREEK
 Test Interval (ft) 4815 - 4959
 Reference Depth KELLY BUSHING

WELL LOCATION

Field WILD CAT
 County EMERY
 State UTAH
 Sec/Twn/Rng S13T23SR15E
 Elevation (ft) 4425

HOLE CONDITIONS

Total Depth (MD/TUD) (ft) 4959 / 4959
 Hole Size (in) 7 7/8
 Casing/Liner I.D. (in)
 Perf'd Interval/Net Pay (ft).. --/15
 Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type GEL CHEM.
 Mud Weight (lb/gal) 9.1
 Mud Resistivity (ohm.m) 0.80 @ 102 DEG.
 Filtrate Resistivity (ohm.m).. 0.87 @ 100 DEG.
 Filtrate Chlorides (ppm) 500

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 2298
 Gas Cushion Type NONE
 Surface Pressure (psi) --
 Liquid Cushion Type NONE
 Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 4237 / 3.82
 Collar Length (ft)/I.D. (in).. 549 / 2.50
 Packer Depths (ft) 4815
 Bottomhole Choke Size (in) ... 15/16
 Gauge Depth (ft)/Type 4785/MECHANICAL

NET PIPE RECOVERY

Volume	Fluid Type	Properties
30 FT.	DRLG. MUD	TOP: .85@94D.-500PPM
		MID: .85@94D.-500PPM
		BTM: .85@94D.-500PPM

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2500 CC	MUD	0.80 @ 102 DEG. F
		500 PPM CL.

Pressure: 5 GOR: -- GLR: --

INTERPRETATION RESULTS

Model of Behavior
 Fluid Type Used for Analysis .
 Reservoir Pressure (psi)
 Transmissibility (md.ft/cp) ..
 Effective Permeability (md) ..
 Skin Factor/Damage Ratio
 Storativity Ratio
 Interporosity Flow Coeff.
 Distance to an Anomaly (ft) ..
 Radius of Investigation (ft)..
 Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
 Basic Solids (%)
 Gas Gravity
 Water Cut (%)
 Viscosity (cp)
 Total Compressibility (1/psi).
 Porosity (%) TRACE
 Reservoir Temperature (F) 98
 Form. Vol. Factor (bbl/STB)

PRODUCTION RATE DURING TEST: --

COMMENTS:

FOUR CORNERS AREA

SEP 15 1986

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	16						16	
							16	

REPORT NO.
13344F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN. -H ₂ O)
1	8-16-86	0630	SET PACKER	-3.98	2298	--
2		0632	OPENED TOOL-1/4" BUBBLHOSE	0.00	41	ON VACUUM
3		0704	CLOSED FOR INITIAL SHUT-IN	30.74	47	NO BLOW
4		0804	FINISHED SHUT-IN	92.20	1775	--
5		0806	RE-OPENED TOOL	93.39	58	SURF. BLOW
		0818				BLOW DIED
6		0906	CLOSED FOR FINAL SHUT-IN	152.31	69	--
7		1106	FINISHED SHUT-IN	272.46	1807	--
8		1106	PULLED PACKER LOOSE	272.58	2296	--

REPORT NO.
13344F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN. -H2O)
1	8-16-86	0630	SET PACKER	-3.98	2298	--
2		0632	OPENED TOOL-1/4"BUBBLHOSE	0.00	41	ON VACUUM
3		0704	CLOSED FOR INITIAL SHUT-IN	30.74	47	NO BLOW
4		0804	FINISHED SHUT-IN	92.20	1775	--
5		0806	RE-OPENED TOOL	93.39	58	SURF. BLOW
		0818				BLOW DIED
6		0906	CLOSED FOR FINAL SHUT-IN	152.31	69	--
7		1106	FINISHED SHUT-IN	272.46	1807	--
8		1106	PULLED PACKER LOOSE	272.58	2296	--

CONFIDENTIAL

TEXACO, INC.
 GOV'T S.J. WEBER (NCT'1) #1
 WILDCAT
 EMERY COUNTY, UTAH

DATE : 15-AUG-86
 FORMATION : SINBAD
 DRLG. FLUID: WATER BASED MUD
 LOCATION : SEC 23 T23S R13E

FILE NO. : 38060-7941
 LABORATORY : AURORA, COLORADO
 API WELL NO.:
 ELEVATION :

WHOLE-CORE CORE ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MD MAX K _a	PERM MD 90DEG K _a	PERM MD VERT K _a	He POR	OILZ PORE	WTRZ PORE	GRAIN DEN M	DESCRIPTION
1	2547.0-48.0	0.07	0.05	<0.01	7.3	39.8	41.5	2.70	LS LTGRY-BRN MED-XLN DOL
2	2548.0-49.0	* 0.26	0.16	<0.01	9.9	35.3	44.2	2.74	DOL LTGRY-BRN MED-XLN LMY VF
3	2549.0-50.0	0.36	0.24	<0.01	10.3	38.9	37.0	2.75	DOL LTGRY-BRN MED-XLN LMY
4	2550.0-51.0	0.08	0.05	<0.01	7.0	36.2	40.9	2.72	DOL LTGRY-BRN MED-XLN LMY
5	2551.0-52.0	0.03	0.02	<0.01	6.1	30.9	48.6	2.70	DOL LTGRY-BRN MED-XLN LMY
6	2552.0-53.0	0.02	0.02	<0.01	6.2	29.6	43.7	2.72	DOL LTGRY-BRN MED-XLN LMY
7	2553.0-54.0	11.	9.6	0.06	9.0	47.4	30.0	2.80	DOL LTGRY-BRN MED-XLN LMY
8	2554.0-55.0	0.01	**	<0.01	5.6	32.5	44.5	2.79	DOL LTGRY-BRN MED-XLN LMY
9	2555.0-56.0	<0.01	<0.01	<0.01	5.1	25.1	43.1	2.72	LS LTGRY-BRN DOL
10	2556.0-57.0	* 0.19	0.07	<0.01	4.5	29.8	28.4	2.75	DOL LTGRY-BRN MED-XLN LMY VF
11	2557.0-58.0	* 10.	6.1	0.08	7.8	32.6	23.3	2.82	DOL LTGRY-BRN MED-XLN VF
12	2558.0-59.0	* 0.18	0.05	<0.01	7.0	29.4	45.8	2.80	DOL LTGRY-BRN MED-XLN VF
13	2559.0-60.0	70.	68.	2.4	12.6	17.7	38.3	2.83	DOL LTGRY-BRN MED-XLN
14	2560.0-61.0	31.	24.	0.07	9.1	31.8	38.1	2.82	DOL LTGRY-BRN MED-XLN VF
15	2561.0-62.0	0.05	**	<0.01	5.3	62.5	17.9	2.81	DOL LTGRY-BRN MED-XLN VF
16	2562.0-63.0	0.01	**	<0.01	2.5	40.5	27.0	2.80	DOL LTGRY-BRN MED-XLN VF
17	2563.0-64.0	<0.01	<0.01	<0.01	4.1	14.5	52.4	2.78	DOL LTGRY-BRN MED-XLN
18	2564.0-65.0	2.0	1.6	0.01	5.0	28.8	23.4	2.79	DOL LTGRY-BRN MED-XLN
19	2565.0-66.0	1.0	**	0.39	10.5	16.7	39.0	2.85	DOL LTGR-BRN MED-XLN FOSS VF
	2566.0-67.0								CORE LOSS

* FRACTURED PERMEABILITY

VF VERTICAL FRACTURE

** SAMPLE UNSUITABLE FOR FULL-DIAMETER ANALYSIS

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

REPORT NO.
08715F

PAGE NO. 1

TEST DATE:
08-AUG-86

WELL PERFORMANCE TESTING™ REPORT

FLOPETROL JOHNSTON

Schlumberger

A Production System Analysis (NODAL™)
Based On Model Verified™ Interpretation

Company: TEXACO, INC.		Well: GOVT. S.J. WEBER #1																															
TEST IDENTIFICATION		WELL LOCATION																															
Test Type	MFE OH DST	Field	WILD CAT																														
Test No.	1	County	EMERY																														
Formation	MOENKEPPL	State	UTAH																														
Test Interval (ft)	2376 - 2564	Sec/Twn/Rng	S13T23R13E																														
Reference Depth	KELLY BUSHING	Elevation (ft)	4408																														
HOLE CONDITIONS		MUD PROPERTIES																															
Total Depth (MD/TUD) (ft)	2564 / 2564	Mud Type	LOW SOLIDS																														
Hole Size (in)	7 7/8	Mud Weight (lb/gal)	8.8																														
Casing/Liner I.D. (in)		Mud Resistivity (ohm.m)	2.2 @ 82 DEG. F																														
Perf'd Interval/Net Pay (ft)..	--/188	Filtrate Resistivity (ohm.m)..	2.2 @ 82 DEG. F																														
Shot Density/Diameter (in) ...		Filtrate Chlorides (ppm)	300																														
INITIAL TEST CONDITIONS		TEST STRING CONFIGURATION																															
Initial Hydrostatic (psi)	1134	Pipe Length (ft)/I.D. (in) ...	1829 / 3.8																														
Gas Cushion Type	NONE	Collar Length (ft)/I.D. (in)..	510 / 2.25																														
Surface Pressure (psi)	--	Packer Depths (ft)	2376																														
Liquid Cushion Type	NONE	Bottomhole Choke Size (in) ...	15/16																														
Cushion Length (ft)	--	Gauge Depth (ft)/Type	2371/MECHANICAL																														
NET PIPE RECOVERY		NET SAMPLE CHAMBER RECOVERY																															
<table border="1" style="width: 100%;"><thead><tr><th>Volume</th><th>Fluid Type</th><th>Properties</th></tr></thead><tbody><tr><td>1882 FT.</td><td>DRLG. MUD</td><td>2.2 @ 82 DEG. F. 300 PPM CL.</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Volume	Fluid Type	Properties	1882 FT.	DRLG. MUD	2.2 @ 82 DEG. F. 300 PPM CL.										<table border="1" style="width: 100%;"><thead><tr><th>Volume</th><th>Fluid Type</th><th>Properties</th></tr></thead><tbody><tr><td>2500 CC</td><td>MUD</td><td>2.2 @ 82 DEG. F 300 PPM CL.</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	Volume	Fluid Type	Properties	2500 CC	MUD	2.2 @ 82 DEG. F 300 PPM CL.										Pressure: 36	GOR: -- GLR: --
Volume	Fluid Type	Properties																															
1882 FT.	DRLG. MUD	2.2 @ 82 DEG. F. 300 PPM CL.																															
Volume	Fluid Type	Properties																															
2500 CC	MUD	2.2 @ 82 DEG. F 300 PPM CL.																															
INTERPRETATION RESULTS		ROCK/FLUID/WELLBORE PROPERTIES																															
Model of Behavior		Oil Density (deg. API)																															
Fluid Type Used for Analysis .		Basic Solids (%)																															
Reservoir Pressure (psi)		Gas Gravity																															
Transmissibility (md.ft/cp) ..		Water Cut (%)																															
Effective Permeability (md) ..		Viscosity (cp)																															
Skin Factor/Damage Ratio		Total Compressibility (1/psi).																															
Storativity Ratio		Porosity (%)	APPROX. 5																														
Interporosity Flow Coeff.		Reservoir Temperature (F)	100																														
Distance to an Anomaly (ft) ..		Form.Vol.Factor (bbl/STB)																															
Radius of Investigation (ft)..																																	
Potentiometric Surface (ft) ..																																	

PRODUCTION RATE DURING TEST: --

COMMENTS:

OPERATOR REPORTED LOST CIRCULATION PRIOR TO THIS TEST.

FOUR CORNERS AREA

SEP 22 1986

APM	0072	3	6
MW			
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JE			
TA			

REPORT NO.
08715F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN.-H2O)
1	8-8-86	0623	SET PACKER	-2.67	1134	--
2		0628	OPENED TOOL - 1/4" CHOKE	0.00	117	NO BLOW
3		0658	CLOSED FOR INITIAL SHUT-IN	30.65	802	NO BLOW
4		0758	FINISHED SHUT-IN	90.46	1038	--
5		0803	RE-OPENED TOOL	95.27	819	NO BLOW
6		0903	CLOSED FOR FINAL SHUT-IN	154.06	1035	NO BLOW
7		1103	FINISHED SHUT-IN	274.42	1053	--
8		1105	PULLED PACKER LOOSE	275.62	1132	--
			NOTE: OPERATOR REPORTED			
			LOST CIRCULATION PRIOR TO			
			THIS TEST.			

REPORT NO.
08715F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN. -H ₂ O)
1	8-8-86	0623	SET PACKER	-2.67	1134	--
2		0628	OPENED TOOL - 1/4" CHOKE	0.00	117	NO BLOW
3		0658	CLOSED FOR INITIAL SHUT-IN	30.65	802	NO BLOW
4		0758	FINISHED SHUT-IN	90.46	1038	--
5		0803	RE-OPENED TOOL	95.27	819	NO BLOW
6		0903	CLOSED FOR FINAL SHUT-IN	154.06	1035	NO BLOW
7		1103	FINISHED SHUT-IN	274.42	1053	--
8		1105	PULLED PACKER LOOSE	275.62	1132	--
			NOTE: OPERATOR REPORTED			
			LOST CIRCULATION PRIOR TO			
			THIS TEST.			

REPORT NO.
08715F

PAGE NO. 1

TEST DATE:
08-AUG-86

WELL PERFORMANCE

TESTINGTM REPORT

A Production System Analysis (NODALTM)
Based On Model VerifiedTM Interpretation

FLOPETROL JOHNSTON

Schlumberger

Company: **TEXACO, INC.**

Well: **GOVT. S.J. WEBER #1**

TEST IDENTIFICATION

Test Type MFE OH DST
Test No. 1
Formation MOENKEPPL
Test Interval (ft) 2376 - 2564
Reference Depth KELLY BUSHING

WELL LOCATION

Field WILD CAT
County EMERY
State UTAH
Sec/Twn/Rng S13T23R13E
Elevation (ft) 4408

HOLE CONDITIONS

Total Depth (MD/TUD) (ft) 2564 / 2564
Hole Size (in) 7 7/8
Casing/Liner I.D. (in)
Perf'd Interval/Net Pay (ft).. --/188
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type LOW SOLIDS
Mud Weight (lb/gal) 8.8
Mud Resistivity (ohm.m) 2.2 @ 82 DEG. F
Filtrate Resistivity (ohm.m).. 2.2 @ 82 DEG. F
Filtrate Chlorides (ppm) 300

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 1134
Gas Cushion Type NONE
Surface Pressure (psi) --
Liquid Cushion Type NONE
Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 1829 / 3.8
Collar Length (ft)/I.D. (in).. 510 / 2.25
Packer Depths (ft) 2376
Bottomhole Choke Size (in) ... 15/16
Gauge Depth (ft)/Type 2371/MECHANICAL

NET PIPE RECOVERY

Volume	Fluid Type	Properties
1882 FT.	DRLG. MUD	2.2 @ 82 DEG. F. 300 PPM CL.

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2500 CC	MUD	2.2 @ 82 DEG. F. 300 PPM CL.

Pressure: 36 GOR: -- GLR: --

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis ..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio
Interporosity Flow Coeff.
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) APPROX. 5
Reservoir Temperature (F) 100
Form. Vol. Factor (bbl/STB)

PRODUCTION RATE DURING TEST: --

COMMENTS:

OPERATOR REPORTED LOST CIRCULATION PRIOR TO THIS TEST.

FOUR CORNERS AREA

SEP 22 1986

APR					
MAY					
JUN					
JUL					
AUG					
SEP					
OCT					
NOV					
DEC					

REPORT NO.
08715F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN.-H ₂ O)
1	8-8-86	0623	SET PACKER	-2.67	1134	--
2		0628	OPENED TOOL - 1/4" CHOKE	0.00	117	NO BLOW
3		0658	CLOSED FOR INITIAL SHUT-IN	30.65	802	NO BLOW
4		0758	FINISHED SHUT-IN	90.46	1038	--
5		0803	RE-OPENED TOOL	95.27	819	NO BLOW
6		0903	CLOSED FOR FINAL SHUT-IN	154.06	1035	NO BLOW
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8		1105	PULLED PACKER LOOSE	275.62	1132	--
			NOTE: OPERATOR REPORTED			
			LOST CIRCULATION PRIOR TO			
			THIS TEST.			

REPORT NO.
08715F

PAGE NO. 1

TEST DATE:
08-AUG-86

WELL PERFORMANCE

TESTING™ REPORT

A Production System Analysis (NODAL™)
Based On Model Verified™ Interpretation

FLOPETROL JOHNSTON

Schlumberger

Company: TEXACO, INC.

Well: GOVT. S.J. WEBER #1

TEST IDENTIFICATION

Test Type MFE OH DST
Test No. 1
Formation MOENKEPPL
Test Interval (ft) 2376 - 2564
Reference Depth KELLY BUSHING

WELL LOCATION

Field WILD CAT
County EMERY
State UTAH
Sec/Twn/Rng S13T23R13E
Elevation (ft) 4408

HOLE CONDITIONS

Total Depth (MD/TUD) (ft) 2564 / 2564
Hole Size (in) 7 7/8
Casing/Liner I.D. (in)
Perf'd Interval/Net Pay (ft).. --/188
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type LOW SOLIDS
Mud Weight (lb/gal) 8.8
Mud Resistivity (ohm.m) 2.2 @ 82 DEG. F
Filtrate Resistivity (ohm.m).. 2.2 @ 82 DEG. F
Filtrate Chlorides (ppm) 300

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 1134
Gas Cushion Type NONE
Surface Pressure (psi) --
Liquid Cushion Type NONE
Cushion Length (ft) --

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 1829 / 3.8
Collar Length (ft)/I.D. (in).. 510 / 2.25
Packer Depths (ft) 2376
Bottomhole Choke Size (in) ... 15/16
Gauge Depth (ft)/Type 2371/MECHANICAL

NET PIPE RECOVERY

Volume	Fluid Type	Properties
1882 FT.	DRLG. MUD	2.2 @ 82 DEG. F. 300 PPM CL.

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
2500 CC	MUD	2.2 @ 82 DEG. F. 300 PPM CL.

Pressure: 36 GOR: -- GLR: --

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis ..
Reservoir Pressure (psi)
Transmissibility (md.ft/cp) ..
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Storativity Ratio
Interporosity Flow Coeff.
Distance to an Anomaly (ft) ..
Radius of Investigation (ft)..
Potentiometric Surface (ft) ..

ROCK/FLUID/WELLBORE PROPERTIES

Oil Density (deg. API)
Basic Solids (%)
Gas Gravity
Water Cut (%)
Viscosity (cp)
Total Compressibility (1/psi).
Porosity (%) APPROX. 5
Reservoir Temperature (F) 100
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: --

COMMENTS:

OPERATOR REPORTED LOST CIRCULATION PRIOR TO THIS TEST.

FOUR CORNERS AREA

SEP 2 2 1986

REPORT NO.
08715F

PAGE NO. 2

SEQUENCE OF EVENTS

FLOPETROL JOHNSTON

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (MINS)	BHP (PSIA)	BLOW (IN.-H2O)
1	8-8-86	0623	SET PACKER	-2.67	1134	--
2		0628	OPENED TOOL - 1/4" CHOKE	0.00	117	NO BLOW
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6		0903	CLOSED FOR FINAL SHUT-IN	154.06	1035	NO BLOW
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8		1105	PULLED PACKER LOOSE	275.62	1132	--
			NOTE: OPERATOR REPORTED			
			LOST CIRCULATION PRIOR TO			
			THIS TEST.			

CONFIDENTIAL

TEXACO, INC.
 GOV'T S.J. WEBER (NCT'1) #1
 WILDCAT
 EMERY COUNTY, UTAH

DATE : 15-AUG-86
 FORMATION : SINBAD
 DRLG. FLUID: WATER BASED MUD
 LOCATION : SEC 23 T23S R13E

FILE NO. : 38060-7941
 LABORATORY : AURORA, COLORADO
 API WELL NO.:
 ELEVATION :

WHOLE-CORE CORE ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MD MAX Ka	PERM MD 90DEG Ka	PERM MD VERT Ka	He POR	DILZ PORE	WTRZ PORE	GRAIN DEN M	DESCRIPTION
1	2547.0-48.0	0.07	0.05	<0.01	7.3	39.8	41.5	2.70	LS LTGRY-BRN MED-XLN DOL
2	2548.0-49.0	* 0.26	0.16	<0.01	9.9	35.3	44.2	2.74	DOL LTGRY-BRN MED-XLN LMY VF
3	2549.0-50.0	0.36	0.24	<0.01	10.3	38.9	37.0	2.75	DOL LTGRY-BRN MED-XLN LMY
4	2550.0-51.0	0.08	0.05	<0.01	7.0	36.2	40.9	2.72	DOL LTGRY-BRN MED-XLN LMY
5	2551.0-52.0	0.03	0.02	<0.01	6.1	30.9	48.6	2.70	DOL LTGRY-BRN MED-XLN LMY
6	2552.0-53.0	0.02	0.02	<0.01	6.2	29.6	43.7	2.72	DOL LTGRY-BRN MED-XLN LMY
7	2553.0-54.0	11.	9.6	0.06	9.0	47.4	30.0	2.80	DOL LTGRY-BRN MED-XLN LMY
8	2554.0-55.0	0.01	**	<0.01	5.6	32.5	44.5	2.79	DOL LTGRY-BRN MED-XLN LMY
9	2555.0-56.0	<0.01	<0.01	<0.01	5.1	25.1	43.1	2.72	LS LTGRY-BRN DOL
10	2556.0-57.0	* 0.19	0.07	<0.01	4.5	29.8	28.4	2.75	DOL LTGRY-BRN MED-XLN LMY VF
11	2557.0-58.0	* 10.	6.1	0.08	7.8	32.6	23.3	2.82	DOL LTGRY-BRN MED-XLN VF
12	2558.0-59.0	* 0.18	0.05	<0.01	7.0	29.4	45.8	2.80	DOL LTGRY-BRN MED-XLN VF
13	2559.0-60.0	70.	68.	2.4	12.6	17.7	38.3	2.83	DOL LTGRY-BRN MED-XLN
14	2560.0-61.0	31.	24.	0.07	9.1	31.8	38.1	2.82	DOL LTGRY-BRN MED-XLN VF
15	2561.0-62.0	0.05	**	<0.01	5.3	62.5	17.9	2.81	DOL LTGRY-BRN MED-XLN VF
16	2562.0-63.0	0.01	**	<0.01	2.5	40.5	27.0	2.80	DOL LTGRY-BRN MED-XLN VF
17	2563.0-64.0	<0.01	<0.01	<0.01	4.1	14.5	52.4	2.78	DOL LTGRY-BRN MED-XLN
18	2564.0-65.0	2.0	1.6	0.01	5.0	28.8	23.4	2.79	DOL LTGRY-BRN MED-XLN
19	2565.0-66.0	1.0	**	0.39	10.5	16.7	39.0	2.85	DOL LTGR-BRN MED-XLN FOSS VF
	2566.0-67.0								CORE LOSS

* FRACTURED PERMEABILITY

VF VERTICAL FRACTURE

** SAMPLE UNSUITABLE FOR FULL-DIAMETER ANALYSIS

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CONFIDENTIAL

TEXACO, INC.
 GOV'T S.J. WEBER (NCT'1) #1
 WILDCAT
 EMERY COUNTY, UTAH

DATE : 15-AUG-86
 FORMATION : SINBAD
 DRLG. FLUID: WATER BASED MUD
 LOCATION : SEC 23 T23S R13E

FILE NO. : 38060-7941
 LABORATORY : AURORA, COLORADO
 API WELL NO.:
 ELEVATION :

WHOLE-CORE CORE ANALYSIS

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4	2550.0-51.0	0.08	0.05	<0.01	7.0	36.2	40.9	2.72	DOL LTGRY-BRN MED-XLN LMY
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6	2552.0-53.0	0.02	0.02	<0.01	6.2	29.6	43.7	2.72	DOL LTGRY-BRN MED-XLN LMY
7	2553.0-54.0	11.	9.6	0.06	9.0	47.4	30.0	2.80	DOL LTGRY-BRN MED-XLN LMY
8	2554.0-55.0	0.01	**	<0.01	5.6	32.5	44.5	2.79	DOL LTGRY-BRN MED-XLN LMY
9	2555.0-56.0	<0.01	<0.01	<0.01	5.1	25.1	43.1	2.72	LS LTGRY-BRN DOL
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11	2557.0-58.0	* 10.	6.1	0.08	7.8	32.6	23.3	2.82	DOL LTGRY-BRN MED-XLN VF
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13	2559.0-60.0	70.	68.	2.4	12.6	17.7	38.3	2.83	DOL LTGRY-BRN MED-XLN
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15	2561.0-62.0	0.05	**	<0.01	5.3	62.5	17.9	2.81	DOL LTGRY-BRN MED-XLN VF
16	2562.0-63.0	0.01	**	<0.01	2.5	40.5	27.0	2.80	DOL LTGRY-BRN MED-XLN VF
17	2563.0-64.0	<0.01	<0.01	<0.01	4.1	14.5	52.4	2.78	DOL LTGRY-BRN MED-XLN
18	2564.0-65.0	2.0	1.6	0.01	5.0	28.8	23.4	2.79	DOL LTGRY-BRN MED-XLN
19	2565.0-66.0	1.0	**	0.39	10.5	16.7	39.0	2.85	DOL LTGR-BRN MED-XLN FOSS VF
	2566.0-67.0								CORE LOSS

* FRACTURED PERMEABILITY

VF VERTICAL FRACTURE

** SAMPLE UNSUITABLE FOR FULL-DIAMETER ANALYSIS

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

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

1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
4425.6' KB

5. LEASE DESIGNATION AND SERIAL NO.
U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
NCT-1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec 13, T23S, R13E

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

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

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

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

8/28/86 Rotary tools were moved off location and a completion rig was moved onto location on 8/28/86

* * * * CONFIDENTIAL * * * *

RECEIVED
NOV 12 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED Alan A. Kline TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1)
RM (1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> CAN WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U 33987	
2. NAME OF OPERATOR Texaco Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box EE, Cortez, Co. 81321		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850' FSL & 1980' FEL		8. FARM OR LEASE NAME Texaco Gov't S.J. Weber	
14. PERMIT NO. 43-015-30226		9. WELL NO. NCT-1 #1	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4425.6' KB		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 13, T23S, R13E	
		12. COUNTY OR PARISH Emery	13. STATE Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Run Prod Casing</u>	

(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.)*

8/24/86 Ran 133 joints (5410') 5½" 14#/ft J-55 ST&C casing. Landed casing at 5406'. Float Collar at 5361'. Cement w/300 sx Class H cement, displace w/131½ BW. Full returns during job. Plug down 11:05 P.M. 8/24/86 WOC.

* * * * CONFIDENTIAL * * * *

RECEIVED
NOV 12 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED Alan A. Klein TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

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

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1) RM(1)

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

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

1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DP, RT, GR, etc.)
4425.6' KB

5. LEASE DESIGNATION AND SERIAL NO.
U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Water permit 93-3541 (7/6/82))

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

9. WELL NO.
NCT-1 #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec 13, T23S, R13E

12. COUNTY OR PARISH
Emery

18. STATE
Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

(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.)*

7/29/86 Texaco Inc. commenced drilling operations on the above referenced well at 10:00p.m.. Verbal notification was given by Mark Kramer to Merv Miles of the San Rafael Resource Area office and the Moab District office.

* * * * CONFIDENTIAL * * * *

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NOV 12 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Alan A. Kleier TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

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

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1)
RM (1)

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

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

1850' FSL & 1980' FEL

14. PERMIT NO.
43-015-30226

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4425.6' KB

5. LEASE DESIGNATION AND SERIAL NO.
U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Texaco Gov't S.J. Weber

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Wildcat

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Sec 13, T23S, R13E

12. COUNTY OR PARISH

13. STATE
Emery 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
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) Run Surface Casing
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

8/3/86 Ran 42 joints of 8 5/8", 24#/ft K-55 ST&C casing to 1755'.
Cemented with 450 sx of lite cement followed by 275 sx Class H.
90% returns but no cement to surface. TIH w/1" and cement to surface
w/123 sx Class G cement. WOC.
8/4/86 Tesp BOP's to 3000 psi. & Hydril to 1500 psi.

* * * * CONFIDENTIAL * * * *

RECEIVED
NOV 12 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Alan A. Klein TITLE Area Superintendent DATE 11/6/86

(This space for Federal or State office use)

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

WPA (2) LAA ARM MG Nippon (2) BLM (3) UOGCC (2) Coors (2) MOG (2) Brit Oil (1)
RM (1)
*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

10

111305

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESER. OTHER

2. NAME OF OPERATOR
Texaco Inc.

3. ADDRESS OF OPERATOR
P. O. Box EE, Cortez, Co. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface 1850' FSL & 1980" FEL

At top prod. interval reported below

At total depth

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NOV 12 1986

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U 33987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Texaco Gov't S.J. Weber

WELL NO.

NCT-1 #1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 13, T23S, R13E

12. COUNTY OR PARISH

Emery

13. STATE

Utah

15. DATE SPUNDED 7/29/86 16. DATE T.D. REACHED 8/22/86 17. DATE COMPL. (Ready to prod.) Not Applicable 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 4425.6' KB 19. ELEV. CASINGHEAD 4411

20. TOTAL DEPTH, MD & TVD 6203 21. PLUG, BACK T.D., MD & TVD 5356' KB 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5138 - 5344 - Paradox
4592 - 4792 - Ismay
25. WAS DIRECTIONAL SURVEY MADE 1 3/4° @ 6203

26. TYPE ELECTRIC AND OTHER LOGS RUN LDT/CNL, DLL/MSFL, GR/BHC Sonic, LSF/Digital Wave Form, CBL/VDL/CCL/GR 27. WAS WELL CORED yes

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#/ft	78'	17 1/2"	Cement to surface	
8 5/8"	24#/ft	1755'	12 1/2"	450 sx Lite, 275 sx Class H & 123 sx Class G	
5 1/2"	14#/ft	5406'	7 7/8"	300 sx Class H	3500' When P&A

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					N/A		

31. PERFORATION RECORD (Interval, size and number)
5150 - 70 W/1JSPF
4718 - 30 W/2JSPF
See attached for abandonment procedure
** CONFIDENTIAL **

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
5150-70 4000 gal. 20% Hcl w/N2
4718-30 2400 gal. 20% Hcl w/add
Acid fracd w/18,000 gal 28% Hcl & 18,000 gal gel pad w/

33. PRODUCTION 500 SCF/BBL of N2
DATE FIRST PRODUCTION 8/31/86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbed WELL STATUS (Producing or shut-in) Abandoned

DATE OF TEST See attached HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) N/A TEST WITNESSED BY M.L. Kramer/R. Tyler

35. LIST OF ATTACHMENTS
Core Analyses, DST Reports 1) Gooseneck 2) Desert Creek 3) Paradox, Sundry Notice

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

SIGNED Alan A. Klavin TITLE Area Superintendent DATE 11/6/86

Person
Manager

Texaco USA

951 Werner Court Suite 360
P O Box 3360
Casper WY 82602
307 234 5353

June 12, 1987

Division of Oil, Gas & Mining
355 W. N. Temple
3 Triad Center Ste 350
Salt Lake City, UT 84180-1203

RECEIVED
JUN 17 1987

DIVISION OF
OIL, GAS & MINING

Dear Sirs:

As you requested, please find attached a copy of the cement bond log for the S. J. Weber #1 NCT-1.



L. A. Andersen
District Manager

RDK/ljw

Attachment

COMPANY: Sejaco UT ACCOUNT # 10920 SUSPENSE DATE: 6-22-87

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: ^{CORTEZ} ~~Mike~~ Rock Springs 307-382-6540 ~~234-307-234-~~ CASPER
CONTACT TELEPHONE NO.: ~~303-565-8401~~ Hank Medina 5353

SUBJECT: need CBL/VDL/CCL/GR Yant SS Weber
NET-1 #1
43015 30226
235 13E 13

(Use attachments if necessary)

RESULTS: LOS WILL BE SENT

6/30/87

(Use attachments if necessary)

CONTACTED BY: UC
DATE: 6-11-87 3:45

COMPANY: Sevaco

UT ACCOUNT # 10920 SUSPENSE DATE: 6-22-87

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: ^{CORTEZ} ~~Hank~~ ROCK SPRINGS 307-382-6540 ~~234-307-234-~~ ^{CASPER}
CONTACT TELEPHONE NO.: ~~303-565-8401~~ Hank Moduna ⁵³⁵³

SUBJECT: need CBL/VDL/CCL/GR Yant SJ Weber
NET-1 #1
43015 30226
235 13E 13

(Use attachments if necessary)

RESULTS: LOS WILL BE SENT

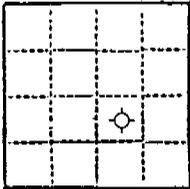
(Use attachments if necessary)

CONTACTED BY: UC

DATE: 6-11-87 3:45

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 13
T. 23 S.
R. 13 E.



INDIVIDUAL WELL RECORD

SLB& Mer.
API #43-015-30226
Ref. No. _____

PUBLIC LAND:

Date November 6, 1986

Land office Utah State Utah
Serial No. 33987 County Emery
Lessee Texaco, Inc. 100% Field Wildcat
Operator Texaco, Inc. District Moab
Well No. Texaco-Govt S.J. Weber NCT 1 Subdivision NWSE
Location 1850' FSL and 1980' FEL SEC 13 T23S R13E

Drilling approved July 8, 19 86 Well elevation 4408 GR; 4425.6 KB feet
Drilling commenced July 29, 19 86 Total depth 6203; PB 5356 feet
Drilling ceased August 22, 19 86 Initial production _____
Oral to Abandon September 16, 19 86 Gravity A. P. I. _____
Completed for production _____
SRA Abandonment approved October 30, 19 89 Initial R. P. _____

Geologic Formations FAN Approved 7-10-92 Productive Horizons

Surface Lowest tested Name Depths Contents

Quaternary Leadville (Miss)
Eolian

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1986							SPUD		Oral ABN		SRA recd	
1989										SRA Apprvd 10/30		

REMARKS Geologic Markers: Moenkopi - 1959'; Gooseneck 2311'; White Rim - 2717'; Organ Rock - 3299'; Elephant Cyn - 3472'; Hermosa - 4200'; Isamy - 4592'; Desert Creek - 4792'; Pinkerton Trail - 5344'; Leadville - 5790'

Casing Record: 13-3/8" cc @ 78' w/cement to surface
8-5/8" cc @1755' w/848 sxs

☆ U.S. Government Printing Office: 1979 - 680-201/613
5-1/2" cc @5406' w/300 sxs

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AUG 18 1992

DIVISION OF
OIL GAS & MINING

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
SINBAD	2547	2567	See Attached Analyses (2 copies) Cored 20' Rec. 19'	Moenkopi	1959'		
GOOSENECK	2376	2564	See Attached report (2 copies)	Gooseneck	2311'		
DESERT CREEK	4815	4959	See Attached report (2 copies)	White Rim	2717'		
				Organ Rock	3299'		
PARADOX	5138	5176	See Attached report (2 copies)	Elephant Canyon	3472'		
				Hermosa	4200'		
				Ismay	4592'		
				Desert Creek	4792'		
				Pinkerton Trail	5344'		
				Leadville	5790'		

expire
6-25-87

TEMPORARY FILING FOR WATER IN THE STATE OF UTAH

031029

Rec. by SA
Fee Paid \$ 15.00
Platted 20582
Microfilmed
Roll #

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

TEXACO

WATER USER CLAIM NO. 93 - 3541

APPLICATION NO. T61820

1. PRIORITY OF RIGHT: June 17, 1986 FILING DATE: June 17, 1986

2. OWNER INFORMATION

Name: Phillip W. Martin Water Service Attn: Bill Hass
Address: P.O. Box 1443, Moab, UT 84532
The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 3.0 acre feet (Ac. Ft.)

4. SOURCE: San Rafael River DRAINAGE: San Rafael River COUNTY: Emery
POINT(S) OF DIVERSION:

(1) S. 195 feet, E. 1565 feet, from the W $\frac{1}{2}$ Corner of Section 27,
Township 22 S, Range 14 E, SLB&M

Description of Diverting Works: Portable pump - tank truck

COMMON DESCRIPTION: 14 miles SW of Green River

5. NATURE AND PERIOD OF USE

Oil Exploration From June 17 to December 17.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Exploration drilling.

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter				
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
23 S 13 E 13																	X

All locations in Salt Lake Base and Meridian

EXPLANATORY

Texaco Government SJ Weber (NCT-1) Well #1.

43-015-30226-PA

MICROFILMED

Appropriate