NOTICE OF STAKING
(Not to be used in place of
Application to Drill Form 9-331-C)

RMOGA 5/5/82

RECEIVED
MAR 28 1988
DIVISION OF OIL, GAS & MINING

1. Oil Well [x] Gas Well [ ] Other

2. Name of Operator
Texaco Inc., Producing Dept.

3. Address of Operator or Agent
P.O. Box 1629, Rock Springs, Wyoming 82901

4. Surface Location of Well
(Governmental 1/4 or 1/4 1/4)
SW/4 Sec. 11, T2N-R12E

Attach: Topographical or other acceptable map showing location, access road, and lease boundaries.

5. Lease Number
To be determined

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
Steel Creek

9. Well No.
1

10. Field or Wildcat Name

11. Sec., T., R., M., or Blk and Survey or Area
Sec. 11, T2N-R12E

12. County or Parish
Summit

13. State
Utah

14. Formation Objective(s)
Dakota

15. Estimated Well Depth
16,000'

16. To Be Completed by Operator Prior to Onsite

a. Location must staked

b. Access Road Flagged

c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills (To be provided at onsite)

17. To Be Considered By Operators Prior to Onsite

a. H_2S Potential

b. Private Surface Ownership

c. Cultural Resources (Archaeology)

d. Federal Right of Way

18. Additional Information

Texaco would request a meeting with the USFS and BLM to address environmental concerns prior to commencing surveying operations, preparation of APD and Special Use Permits.

19. Signed H. M. Medina Title Area Superintendent Date 3-24-88

BLM(4)-~~UNR~~(2)-USFS (2)-Evanston-HMM

Form OGC-1a

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

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

AUG 25 1988

5. Lease Designation and Serial No.
~~TPI~~ ~~900664~~ Fee

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name
Steel Creek

b. Type of Well
Oil Well [ ] Gas Well [X] Other Wildcat Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name
TPI ETAL/UPRC NCT-1,WELL -

2. Name of Operator
Attention: H.M. Meduna
Texaco Inc. Producing department for Texaco Producing Inc.

9. Well No.
1

3. Address of Operator
P. O. Box 1629 Rock Springs, WY 82901

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 845 FSL & 2541 FWL, Section 11
At proposed prod. zone SE SW Section 11

11. Sec., T., R., M., or Blk. and Survey or Area
Section 11, T2N, R12E, SLB & M

14. Distance in miles and direction from nearest town or post office*
25 Miles south of Robertson, Wyoming

12. County or Parrish 13. State
Summit Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 845' South

16. No. of acres in lease 640

17. No. of acres assigned to this well unspaced

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

19. Proposed depth 16,000 Morrison

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
9203 Ungraded Ground

22. Approx. date work will start*
9/15/88

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	500'	Cement to surface with class "G"
12 1/4"	9 5/8"	36 # K-55	3300'	Cement to 500' above shoe with Class "G".
12 1/4"	9 5/8"	40 # K-55	4300'	
12 1/4"	9 5/8"	40 # N-80	5300'	
8 3/4"	5 1/2"	20 # S-95	13600')	Cement to 500' above uppermost frontier pay with class "G" containing 30% silica flour.
8 3/4" - 8 1/2"	5 1/2"	20 # P-110	16000')	

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

24.

Signed H.M. Meduna / AEH Title Area Supt. Date 8-23-88

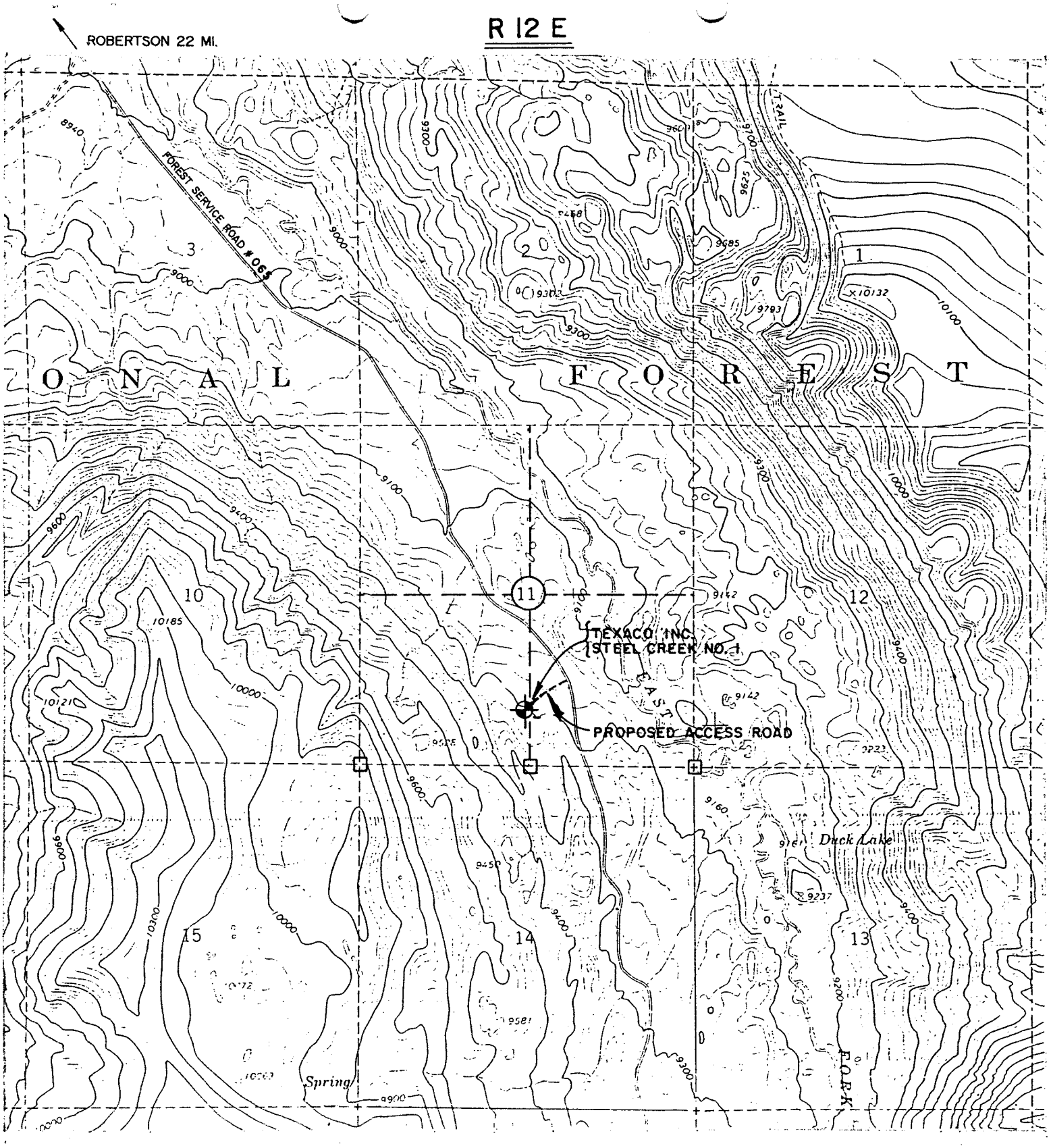
(This space for Federal or State office use)

Permit No. _____ Approval Date _____

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

*See Instructions On Reverse Side



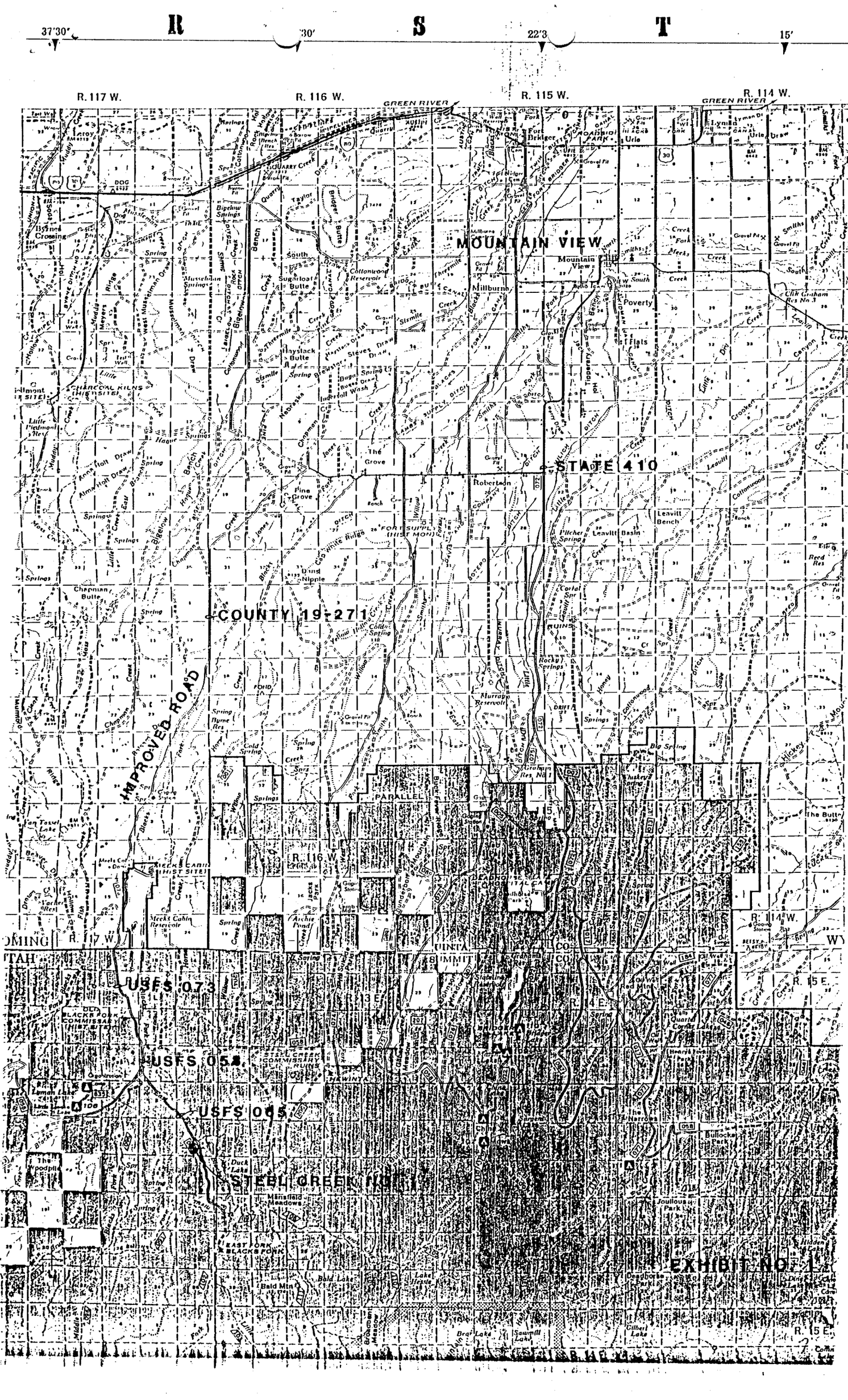
VICINITY MAP

0 2000 4000

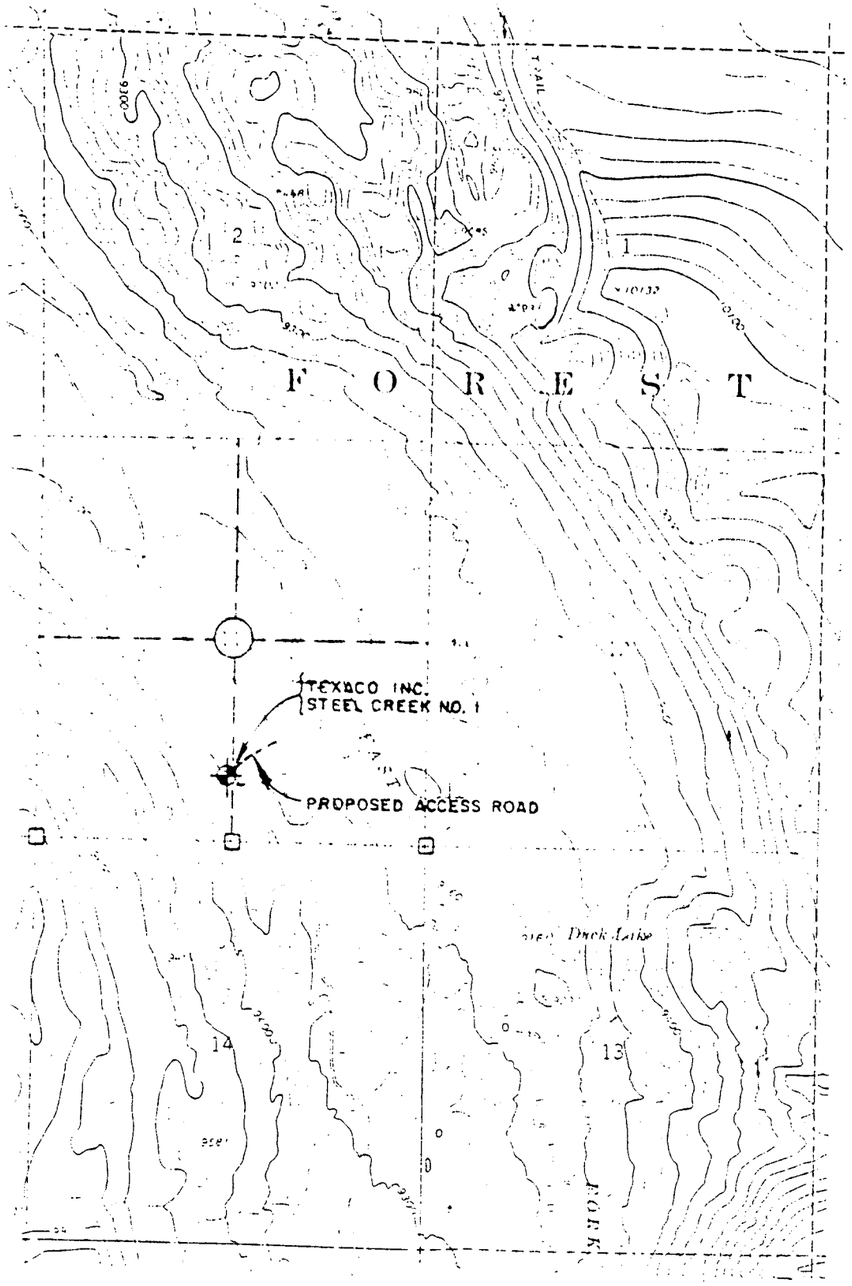
E CORNERS LOCATED

RIDGE ACROSS WEST FORK BLACKS FORK IN SECTION 34, T3N, R12E - EL. 8890'

QUAD – LYMAN LAKE, UTAH


R
S
T
37'30"
30'
22'3
15'
R. 117 W.
R. 116 W.
R. 115 W.
R. 114 W.
GREEN RIVER
GREEN RIVER
MOUNTAIN VIEW
STATE 410
COUNTY 19-271
IMPROVED ROAD
USFS 073
USFS 058
USFS 065
STEELI CREEK NO
EXHIBIT NO. 1
PARALLEL
UINTA
SUMMIT
CO.
R. 13 E.
R. 14 E.
R. 15 E.
R. 16 W.
R. 17 W.
R. 14 W.
R. 15 E.

R 12 E



VICINITY MAP

0 2000 4000

X IN SECTION 34, T3N, R12E - EL. 8890'

REFERENCE POINTS

LOCATION	ELEV.
200' NORTH	9195'
200' EAST	9200'
200' SOUTH	9210'
200' WEST	9213'

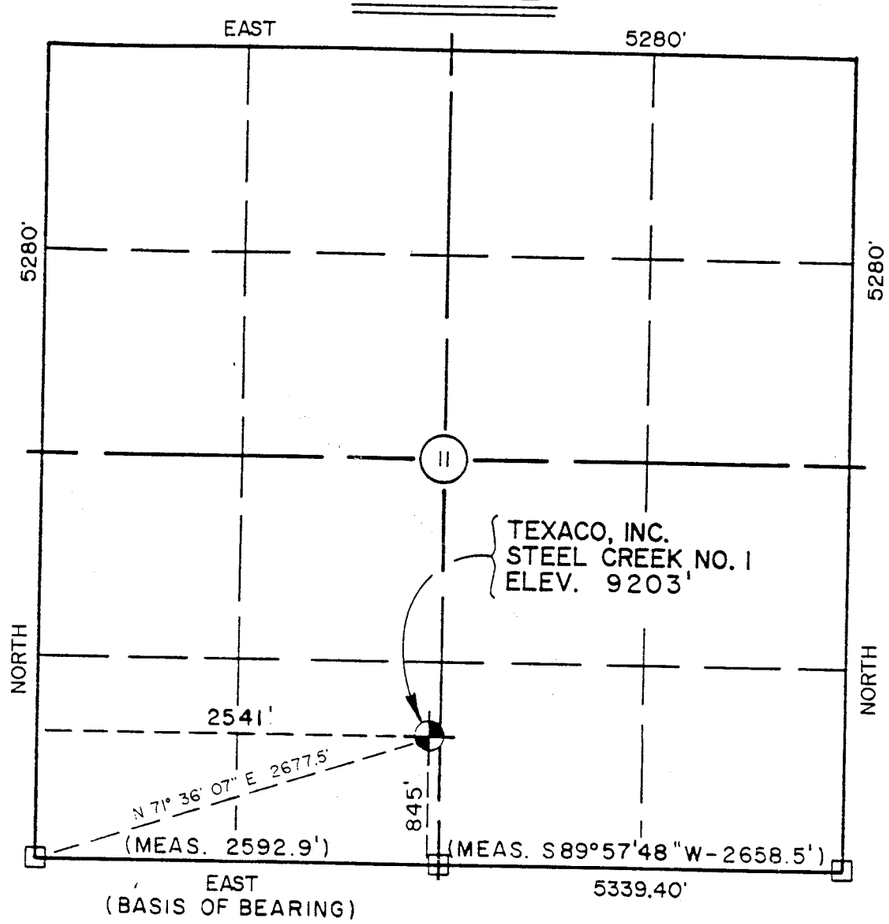
CERTIFICATE OF SURVEYOR

STATE OF WYOMING
COUNTY OF SWEETWATER S.S.

I, JOSEPH W. MANATOS of Rock Springs, Wyoming do hereby certify that this map was made from field notes taken during an actual survey of the well location made for TEXACO, INC. on June 13, 1988.

Joseph W. Manatos
UTAH R.L.S. NO. 4806

R 12 E



T 2 N

LOCATION MAP

0 1000 2000

EXHIBIT 2

MAP
SHOWING WELL LOCATION
FOR
TEXACO, INC.
STEEL CREEK NO. 1
SW 1/4, SECTION 11,
T 2 N - R 12 E
SUMMIT COUNTY, UTAH

JOHNSON - FERMELIA COMPANY, INC.
ROCK SPRINGS, WYOMING

Form OGC-1a

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

RECEIVED
AUG 25 1988
DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. Lease Designation and Serial No.
~~TPI 900664~~ Fee

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. [redacted]
Steel Creek

b. Type of Well
Oil Well [ ] Gas Well [X] Other Wildcat Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name
TPI ETAL/UPRC NCT-1,WELL -

2. Name of Operator
Attention: H.M. Meduna
Texaco Inc. Producing department for Texaco Producing Inc.

9. Well No.
1

3. Address of Operator
P. O. Box 1629 Rock Springs, WY 82901

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 845 FSL & 2541 FWL, Section 11
At proposed prod. zone SE SW Section 11

11. Sec., T., R., M., or Blk. and Survey or Area
Section 11, T2N, R12E, SLB & M

14. Distance in miles and direction from nearest town or post office*
25 Miles south of Robertson, Wyoming

12. County or Parrish 13. State
Summit Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 845' South

16. No. of acres in lease 640

17. No. of acres assigned to this well unspaced

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

19. Proposed depth 16,000 Morrison

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
9203 Ungraded Ground

22. Approx. date work will start* 9/15/88

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	500'	Cement to surface with class "G"
12 1/4"	9 5/8"	36 # K-55	3300'	Cement to 500' above shoe with Class "G".
12 1/4"	9 5/8"	40 # K-55	4300'	
12 1/4"	9 5/8"	40 # N-80	5300'	
8 3/4"	5 1/2"	20 # S-95	13600')	Cement to 500' above uppermost frontier pay with class "G" containing 30% silica flour.
8 3/4" - 8 1/2"	5 1/2"	20 # P-110	16000')	

Texaco Inc., operating for Texaco Producing, Inc., proposes to drill this wildcat well to test the Dakota formation.

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

24.

Signed H.M. Meduna / AEH Title Area Supt. (307) 382-6540 Date 8-23-88

(This space for Federal or State office use)

Permit No. 43-043-30292 Approval Date APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Approved by Title Date

Conditions of approval, if any:

DATE: 10-3-88
BY: John R. Bay
WELL SPACING: R615-3-3

*See Instructions On Reverse Side

August 26, 1988

United States Forest Service
P. O. Box 1880
Evanston, WY 82930

Attention: Mr. Clyde Thompson
District Ranger

Dear Mr. Thompson:

Using the format required by Onshore Operating Order No. 1, the following Multipoint Surface Use and Operations Plan applies to the Steel Creek No. 1.

1) **Existing Roads**

The proposed well, operated by Texaco Inc., is a wildcat well. The wellsite for the proposed location will be new construction and is currently staked. The proposed route that drilling related traffic will use to the location is as follows:

From the Carter/Mountain View exit off of I-80 take State Highway 414 south to the town of Mountain View. In Mountain View take State Highway 410 southwest approximately 14 miles to the junction of County Road 19-271. Take County Road 19-271 southwest approximately 15 miles where the road enters the Wasatch National Forest and becomes U.S.F.S. Road No. 073. Continue on U.S.F.S. Roads No. 073, 058, & 065 for 9 miles to the junction of the proposed new access road to the drillsite. Take the proposed new access road west for 0.2 miles to the proposed drillsite.

The above mentioned roads are maintained by the State of Wyoming, Unita County Road Department, and the United States Forest Service. U.S.F.S. roads 073, 068, & 065 leading to the proposed drillsite will be maintained by Texaco Inc.

The proposed road off of U.S.F.S. Road #065 and located in the SW 1/4 SE 1/4 of Section 11, T2N, R12E, will constructed as access to the proposed drillsite. Preventative and corrective road maintenance of this section of road will be done by Texaco Inc.

An onsite inspection of the proposed construction of access road was conducted with the U.S.F.S., Utah Oil & Gas Division of the Department of Natural Resources, and Texaco, Inc. representatives on June 1, 1988. The final road design as required by U.S.F.S. personnel will be reflected in the "Construction and Use Plan"

which will be submitted to the U.S.F.S. prior to commencing construction activities. Please reference Exhibit # 1 and # 2 for the location of the subject roads and for location the proposed wellsite in relation to other reference points.

2) **Planned Access Roads**

Please reference Exhibit #1 for the proposed access route by Texaco Inc. The drilling of this wildcat well will require construction of approximately 900 feet of new access road. All of the proposed construction will take place on United Stated Forest Service land in the Wasatch National Forest.

The access route selected is designed to mitigate adverse impacts of the route to wildlife, visual impact, and public use. The selection of the access route was per the recommendations of the U.S.F.S., and has been deemed the best suited access.

Texaco will secure with the U.S.F.S. a "Timber Settlement Permit" before construction the proposed access route. Stumps, limbs and rocks encountered in construction activities will be stored adjacent to the ROW in an area designated by the U&.S.F.S.. The debris which is accumulated in these areas will be buried in an area designated by the U.S.F.S. or disposed of in the reserve pit prior to backfilling. Road and location design is in accordance with U.S.F.S. specifications and construction will be done as stipulated in U.S.F.S. Construction Regulations.

Texaco has designated and will upgrade a minimum road surface necessary to handle drilling related traffic. Construction of the access route will provide for the following: a 14' running surface when graveled with 2:1 outslopes from the shoulders, one turnout approximately midway, minimum of 4" gravel road base and maximum grades of 6%.Two 18" diameter culverts will be installed, one at the junction from U.S.F.S. Road No. 065 and one in an existing drainage crossing. The road will be constructed entirely of embankment material obtained from construction of the drill-site location. As per U.S.F.S recommendations no topsoil will be removed from beneath the road embankment. A gate and cattleguard will be installed where the access road enters the drillsite.

The final road specifications will be presented in the "Construction and Use Plan" submitted to the U.S.F.S. prior to commencing construction activities. Construction will be performed by Texaco and its contractors in conformity with the plans, terms, and condition under which approval is granted. Texaco and its contractors shall construct, operate and maintain facilities within the prescribed R.O.W.'s. Texaco shall provide qualified quality assurance/quality control services.

Should your office need to contact the United States Forest Service, please direct correspondence to:

United States Forest Service
P. O. Box 1880
Evanston, WY 82930
Attention: Mr. Clyde Thompson
District Ranger

Please reference Exhibit #1 for the proposed access route to the wellsite location.

3) **Location of Existing Wells**

There are presently no existing wells within a one mile radius of the proposed Steel Creek No. 1 wellsite.

4) **Existing Facilities**

There are presently no existing oil/gas facilities nearby. For the drilling of this well, it is not known whether construction of a tank battery or flowline will be necessary. Construction of production facilities will be determined after the testing of the subject well. Your office will be notified by Sundry Notice of the construction of any of the above facilities. Construction of any production facilities will occur within the R.O.W.'s granted by this APD, securing additional R.O.W.'s will not be necessary.

5) **Water Source**

Water to drill this well will be obtained from the East Fork of the Blacks Fork River in Summit County, Utah. Texaco will secure all necessary permits for the use of this water. The water will be pumped or hauled to the location by truck. Drilling a water well will not be necessary. At the time a more specific location to the proposed water source is identified and a water haul route is determined, if it is to be trucked, your office will be notified.

6) **Source on Construction Materials**

Wellsite and access road is designed and will be constructed in accordance with guidelines and standards as required by the United States Forest Service. The location, type and quantities of construction materials are shown on the final "Construction and Use Plan". It is anticipated that construction materials will be obtained from the site. The access road will be constructed

almost entirely from embankment material from the wellsite. No other access roads will be necessary to obtain this material. The ownership of the land which this location and access road falls on is the United States and is under the jurisdiction of the United States Forest Service.

7) **Methods for Handling Waste Disposal**

Cuttings from drilling operations will be pumped into the reserve pit and covered when it is backfilled. The well will be drilled with a closed mud system and all excess drilling fluids will be pumped into a tank, processed and hauled to an approved offsite disposal area. Any produced fluids will be pumped into a tank. Any heavy water flows will be controlled by the drilling fluids.

No trash or solid waste will be placed in the reserve pit. Oil and other fluid hydrocarbons shall not be allowed to accumulate in the reserve pit.

Sewage from the location will be placed in a holding tank and will be hauled by contractors to an approved sanitation disposal area. Garbage will be placed in receptacles and hauled from the location by contractors to an approved sanitation disposal area. Texaco shall dispose of refuse in the proposed manner and will guard the purity of streams and living waters. Proper clean up of the location will be done after the rig is released and moved out.

8) **Ancillary Facilities**

No airstrips will be built. A minimum of two and maximum of four trailer houses will be placed on location. No open pits will be dug to handle sewage. Sewage will be placed in a holding tank and hauled to an approved sanitation disposal area.

9) **Wellsite Layout**

Cuts and fills, position of equipment, rig orientation, parking areas and access road are all shown on Exhibit No. 3 and No. 4. Final design of the wellsite layout is in accordance with the guidelines as stipulated by the U.S.F.S. Completion of wellsite pad fill will be done in accordance with the Method 4 of Section 203.15 of the U.S.F.S. Construction Regulations.

A minimum of 8 inches of topsoil shall be stripped from all areas of the wellsite pad. Topsoil excavated from the building of the pad and reserve pit will be stockpiled adjacent to the well pad. (see Exhibit No.3) If the well is not a producer, the topsoil will be respread over the surface,once the final contour grading

is completed and prior to reclamation of the site. If the well is a producer the topsoil will be spread over the backslopes, outslopes and any disturbed non-traveled areas, prior to seeding.

The reserve pit will be lined as per B.L.M. and U.S.F.S. specifications. After all liquids have evaporated from the pit, the pit will be backfilled as soon as practical and the location cleaned. The pit area will be re-seeded with native vegetation per the B.L.M. and U.S.F.S. recommendations as soon thereafter as weather permits.

During drilling operations the location will be fenced on four sides with fencing comprised of posts and four strands of wire. The fence will remain until the well is plugged and abandoned.

10) **Plans for Reclamation of the Surface**

Upon completions of drilling operations, and when weather conditions permit Texaco will implement an Erosion Control, Revegetation, and Restoration Plan. The reclamation plan is outlined in the following pages, and is drafted to achieve the following objectives.

a. To design and construct minimal facilities which adhere to natural contours and minimize erosion potential.

b. During construction activities to safeguard topsoil in stable areas and to restore disturbed areas to original contours with topsoil as soon as practical.

c. To restore vegetation in disturbed areas to 75% - 85% of adjacent undisturbed coverstands within three growing seasons.

d. Through quantitative monitoring of disturbed areas have a continuing preventative and corrective maintenance program to mitigate erosion, dust and noxious weeds from disturbed areas. Construction activities on this project will commence approximately September 15, 1988 and be completed approximately October 1, 1988. Exhibits are included in the APD which provide maps for the proposed ERRP plan:

Drainage Patters: Exhibit #2 and #3
Two track roads: Exhibit #2
Location and volume of
material stockpiles: Exhibit #3

Texaco Inc. will stand responsible for the design of the subject plan, and its execution and monitoring. Texaco has not selected a professional reclamation specialist, but prior to implementing this plan, a contractor approved by the AO will be selected to execute and monitor this plan.

Erosion control measures, which were addressed in the design of construction areas, were formulated by the consulting engineering firm of Johnson-Fermelia Co, Inc, 1515 9th Street, Rock Springs, Wyoming. The reclamation plan and time frames for implementation are proposed in the following material:

Drill Pad

Texaco does not anticipate any runoff or erosion problems for disturbance resulting from the construction of the subject well pad. The natural slopes in the area of the well pad are 5 to 6% to the northeast. Existing drainage patterns are all located offsite. Controlled runoff will be maintained by interceptor ditches located on the southern portion of the pad, allowing for natural drainage along the east and west sides of the pad to the north. Topsoil will be stockpiled within a stable area adjacent to the pad. It will be piled with gentle slopes to prohibit erosion during the interim storage period. Excess pit soil will be bermed around the reserve pit. Outslopes and backslopes from the pad will be 2:1, and will pose no erosion problems. Upon completion of drilling operations, and when weather conditions permit, spoil soil will be used to backfill the pit, grading to gentle slopes, adhering to the original contours and vegetated for erosion control. Topsoil will be spread in a uniform depth over the disturbed area allowing for normal drainage to occur. Topsoil spread will be of enough depth to allow for the entire pad to be reclaimed at cessation of production. Please reference Exhibit #3 for the locations of erosion controls measures and topsoil location.

Access Road

Texaco does not anticipated any runoff or erosion problems for the disturbance resulting from constructing approximately 800' of new access road. The natural slopes in the area of the road are 5 to 6% slopes to the northeast. Road design places the road on existing contours with approximately one foot of embankment material taken almost entirely from the well pad. Drainage from the road will be to the north and the 2:1 outslopes will not cause erosion problems to the road bed. Two culverts will be placed on the road, one at the intersection of U.S.F.S. Road No. # 065 and the other in an existing drainage approximately 300' away. Grades on the proposed access road are no more than 6%. Due to the mild slopes of the access route, no erosion or sedimentation problems should occur. The topsoil will be left in place with the embankment material for construction to be placed

on top as per U.S.F.S. onsite recommendations. At the time the well site and access road are reclaimed, the embankment material used for construction will be pushed back to the well site for reclamation. Thus the topsoil in the road area will remain in place in natural slopes for reseeding. Reseeding and re-vegetation will be accomplished during the first appropriate growing season after cessation of operations or production.

Dust Control

Texaco Inc. will use water on roads and locations to maintain dust control. Proper compaction and graveling of roadways and locations should minimize fugitive dust. The above measures will be implemented during the construction phase of the project, and will be a continuing aspect of preventative and corrective road maintenance programs conducted by Texaco.

Revegetation and Monitoring

Following the application of topsoil, seedbed preparation will address the physical and chemical characteristics of the topsoil, cultivation measures, water control measures and erosion potential.

Selection of seed mixture is based on the following criteria: moist vegetation types, no salinity problems, high altitude species, allowing for vigorous stands compatible to wildlife pasture lands and being self supporting in nature.

Areas which are to be revegetated are Alpine in character. Tree cover is relatively dense and the undercover is very sparse. The soil in the project is a residual soil derived from the underlying and frequently exposed, Green River Formation. Allowing for the clear cut acres, seed mixture will promote establishing mountainous grasslands. The following mixture is recommended at a rate totaling 16 lbs/acre:

Sender Wheatgrass	3 Lbs PLS/ac
Mountain Broren	2 Lbs PLS/ac
Intermediated Wheatgrass	2 Lbs PLS/ac
Kentucky Bluegrass	2 Lbs PLS/ac
Hardsheep Fescue	1 Lb PLS/ac
Columbian Needlegrass	2 Lbs PLS/ac
Pubscent Wheatgrass	2 Lbs PLS/ac
Cicera Milkfetch	1/2 LB PLS/ac
Utah Sweetfetch	1/2 Lb PLS/ad
Smidfino	1/2 Lb PLS/ac
Mountain Sagebrush	1/2 Lb PLS/ac

Texaco will employ two revegetation techniques in seedbed preparation and seeding as described below:

Technique 1: On areas which are accessible by tractor and have weed growth, compacted, or crusted soil will have seedbed prepared by disking. Prior to disking, areas will be fertilized with 70 lbs available nitrogen and 40 lbs available phosphorous per acre. These fertilization rates may vary depending upon test results of topsoil characteristics. These areas will then be drill seeded with the specified seed mix to a depth of 1/2 to 3/4 inches deep. Weed free straw will be spread uniformly over the seeded area at the rate of 1-1/2 to 2 tons per acre. The straw mulch will then be crimped.

Technique 2: Areas which are not accessible by equipment will be hydroseeded with the specified seed mix. Fiber mulch will be added to the seed slurry at the rate of 300 lbs per acre. Fertilizer will be applied to the seeded area either by hand or hydro methods at the rate of 70 lbs available nitrogen and 40 lbs available phosphorus per acre. The seeded area will then be raked, chained or harrowed to incorporate the seed into the soil. Straw mulch will be uniformly spread over the seeded areas at a rate of 1-1/2 to 2 tons per acre. A solution of 300 lbs fiber and 120 lbs tackifier per acre will then be sprayed over the straw to hold it in place.

Monitoring of the reclaimed sites will be conducted through qualitative and quantitative sampling methods. Interim quantitative monitoring will provide for visually inspecting seeding density to measure how well the seed took. Photo record station of the site pre-disturbance as compared to post reclamation process will be conducted annually. During interim monitoring, corrective action for erosion problems will also be studied. Final monitoring of the site will be qualitative sampling and measurement to determine if acceptable cover-stands have been achieved.

Time Frame for Implementation

The following time frames for implementing the ERRP Plan are as follows:

Sept. 1988 - Construction activities
Oct. 1988 - Jan 1989 Drilling and completion activities
June 1989 - Recontour and grade location and access roads of spoil and topsoil stockpiles.
Sept. 1989 - Seeding prepared seed beds
Sept. 1990 - Interim quantitative monitoring of seeding and erosion, with photo points.
Sept. 1991 - Continues interim monitoring with photo points
Sept. 1992 - Final qualitative monitoring and sampling of seeded areas - pending release by the AO.

Summary

As previously stated in this APD, the location will be entirely fenced, and will remain fenced until the well is plugged and abandoned. When the well is abandoned, reclamation of the site and access roads will be done in accordance with the plan outlined above. Weed control programs on disturbed areas shall be done through hand methods. Where not practical to control by hand, herbicides approved by the AO will be used in accordance with instructions from the AO. Herbicides shall not be permanently stored on these public lands. Any weed control programs implemented will be carefully coordinated as not to inhibit revegetation programs that are in place. Snow management will be maintained by routine plowing during the winter months. No snow fences will be constructed on disturbed areas. Storage of snow removed will be at points determined to minimize potential erosion.

11) **Surface Ownership**

Please be advised that all lands which construction and drilling activities will be conducted on are owned by the United States Forest Services. Please reference Exhibit #1.

12) **General Information**

The primary concern of wildlife, vegetation, surveys, monuments, cultural resources and aesthetic value of the area has been addressed by Texaco in the formulation of all approved plans, and will be implemented by Texaco and its contractors during construction and drilling activities.

Western Wyoming College has conducted an archaeological review of the proposed access route and location. A copy of their report has been forwarded to the B.L.M.

13) **The Operator's Representative is:**

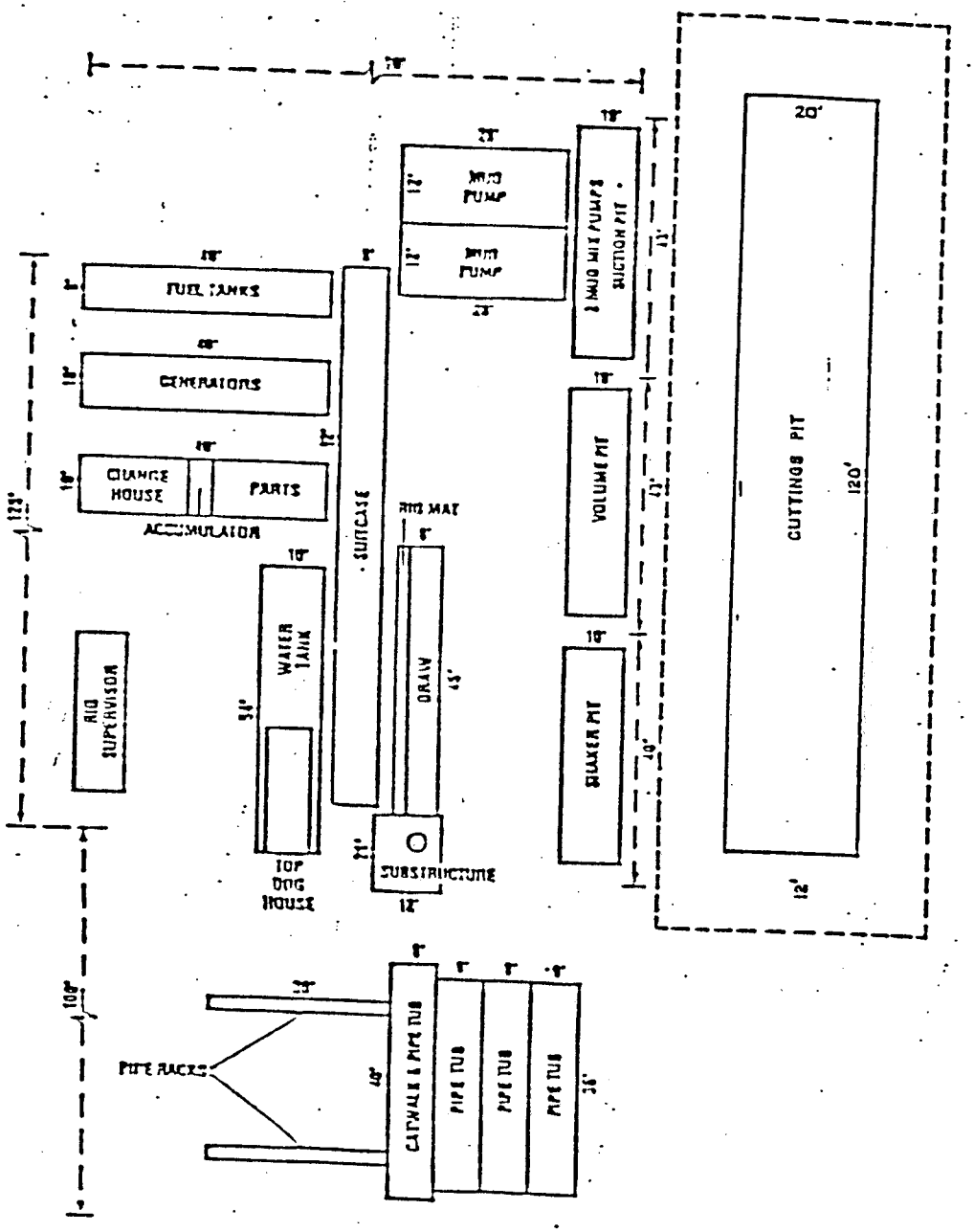
H.M. Meduna, Area Superintendent
Texaco Inc. Producing Department
1515 Ninth Street
P.O. Box 1629
Rock Springs, WY 82901
Telephone: 307/382-6540

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access road; 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 in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 USC 1001 for the filing of a false statement.

August 26, 1988

H.M. Meduna
Area Superintendent
Rock Springs Area



Trailer

Trailer

EXHIBIT #4
RIG LAYOUT

ROAD DESIGN CRITERIA
TEXACO'S PROPOSED DRILL SITE AND ACCESS
STEEL CREEK NO.1

1. 12 inches min. fill at center line subgrade
2. Turnpike only that portion of new access road adjoining the East Fork road.
3. Ditch uphill side of road above 2nd PI.
4. 3:1 backslope & inslope on ditch. Ditch max. 24" deep from top subgrade.
5. Two 24" culverts - 0-3%--1200' spacing; 4-6%--600' spacing.
6. Construct catch basin on head end of culverts, armored with rock and with min. 1' cover.
7. Max. grade-6%
8. 2:1 fill slope
9. 3% inslope
10. Embankment source-pad
11. Strip 8" off pad and cut section of road for top soil. Stock pile south end of pad.
12. Gate or cattleguard in fence around pad.
13. Construct fence around entire location.
14. Slash buried in pits as designated.
15. Stumps " " " " "
16. Merchantable timber purchased and removed by Texaco.
17. 16' subgrade, 14' travel surface
18. Surfacing contingent on production.
19. Grading H, depth 4"
20. Clearing 3' beyond top of cut, at toe of fill or a min. of 5' from shoulder.
21. Turnouts intervisible, inside of trees from PI #2, south side of road, 6' wide, 50' long, 25' transitions.

UTAH WILDERNESS ASSOCIATION
455 EAST 400 SOUTH #306
SALT LAKE CITY, UTAH 84111

MAURICE HENRY
ROBERTSON, WY. 82944

HAROLD HARVEY
ROBERTSON, WY. 82944

GARY HENRY
ROBERTSON, WY. 82944

MR. RICHARD MILLER
STATE PLANNING COORDINATOR
HERSCHLER BUILDING
CHEYENNE, WY. 82002

WYOMING STATE ARCHIVES
MUSEUMS & HISTORICAL DEPARTMENT
ATTN: THOMAS E MACEAU
BARRETT STATE OFFICE BUILDING
CHEYENNE, WT. 82002
J.J. KENNEDY
1448 NORTH 1800 EAST
LOGAN, UTAH 84321

BONNIE BERNARD
2060 EAST 4800 SOUTH
SALT LAKE CITY, UTAH 84117

R. ALAN MAURER, M.D.. P.C.
3036 WILLOW CREEK DRIVE
SANDY, UTAH 84092

MARGARET PETTIS
190 SOUTH 100 WEST
HYRUM, UTAH 84319

RUDY LUKEZ. CONSERVATION CHAIR
UTAH CHAPTER SIERRA CLUB, STATE OFFICE
177 EAST 900 SOUTH., SUITE 102
SALT LAKE CITY, UTAH 84111

KIMBERLY R. LEWIS
SCOTT D. LEWIS
2359 EAST GREGSON AVE.
SALT LAKE CITY, UTAH 84109

DIANA CHRISTENSEN, REG. ASSIS. COORD.
UTAH STATE DIVISION OF STATE HISTORY
300 RIO GRANDE
SALT LAKE CITY, UTAH 84101-1182

KENT PARRY
2087 LINCOLN LANE
SALT LAKE CITY, UTAH 84124

WILLIAM E. CHRISTENSEN
UTAH HUNTERS FEDERATION
P.O. BOX 510104
SALT LAKE CITY, UTAH 84151-0104

RICHARD B. LAUDON, PRESIDENT
DOUBLE EAGLE PET. & MINNING CO.
P.O. BOX 766
CASPER, WY. 82602

TRACEY DOUTHETT MAAS
P.O. BOX 680133
PARK CITY, UTAH 84068

MERRILL BITTER
2570 CAMPUS DRIVE
SALT LAKE CITY, UTAH 84121

DOUG CHINN
2214 SOUTH 1800 EAST
SALT LAKE CITY, UTAH 84106

D. LYMAN & B. MICHELLE KING
1032 SOUTH 1700 EAST
SALT LAKE CITY, UTAH 84108-1862

CHRISTINE KELLY
P.O. BOX 778
HYDE PARK, UTAH 84318

DOUG DAY CHAIRMAN
UTAH WILDLIFE LEADERSHIP COALITION
P.O. BOX 510989
SALT LAKE CITY, UTAH 84151

JACK T. SPENCE
P.O. BOX 83
TEASDALE, UTAH 84773

W.R.PHELPS, BOARD MEMBER
UTAH WILDLIFE FEDERATION
P.O. BOX 15636
SALT LAKE CITY, UTAH 84115

DAVID B. MARSHALL
P.O. BOX 778
HYDE PARK, UTAH 84318

MISS. M. BUSHE
RSPCA WILDLIFE UNIT
WEST HATCH,
TAURTON, SOMERSET
TA3 5RT
ENGLAND

DAVID M. JORGENSEN
516 NEW STAR DRIVE
SALT LAKE CITY, UTAH 84116

JOHN VERANTH
WASATCH MOUNTAIN CLUB
888 SOUTH 200 EAST
SALT LAKE CITY, UTAH 84103

RICHARD SPOTTS
5604 ROSEDALE WAY
SACRAMENTO, CA. 95822

JOHN R. SWANSON
P.O. BOX 6554
MINNEAPOLIS, MINN. 55406

MS. ELLEN DAVIS
331 WESTMINSTER AVE.
SALT LAKE CITY, UTAH 84115

WILLIAM V. PETERSON
213 HOLCOMBE AVE. N.
LITCHFIELD, MINN. 55355

ALAN EDWARDS, NATURAL RESOURCES ANALYST
STATE OF WYOMING
OFFICE OF THE GOVERNOR
CHEYENNE, WY. 82002

FRANCIS PETERA, ASSIS. DIR. OPERATIONS
GAME & FISH DEPARTMENT
5400 BISHOP BOULEVARD
CHEYENNE, WY. 82002

B. HALLIWILL
3771 TUSCALOOSA WY
W. JORDON, UTAH 84084

DAVID G. HANSON
931 CASA BLANCA AVE.
SALT LAKE CITY, UTAH 84047

RICHARD P. CABARA
2651 SOUTH 8550 WEST
MAGNA, UTAH 84044

BARBARA BARNES
2250 REDONDO AVE.
SALT LAKE CITY, UTAH 84108

LEE BOMAN
12693 SOUTH 2295 WEST
RIVERTON, UTAH 84065

RICK VAN WAGENEN
1922 CLAREMONT WAY
SALT LAKE CITY, UTAH 84105

JENNIFER BICKFORD
1241 EAST 1700 SOUTH
SALT LAKE CITY, UTAH 84105

BOB JORDISON
2728 GLENMARE STREET
SALT LAKE CITY, UTAH 84106

ROGER KADLEY
P.O. BOX 3360
CASPER, WY. 82602

ROGER & JANE ARHART
2117 BELAIRE DR. #1
SALT LAKE CITY, UTAH 84109

H.K. SCHATMEIER
369 EAST 900 SOUTH #131
SALT LAKE CITY, UTAH 84111

DAN WASHINGTON
BUREAU OF LAND MANAGEMENT
2370 SOUTH 2300 WEST
SALT LAKE CITY, UTAH 84119

CAROLYN WRIGHT
RES. DEV. COORDINATING COMM.
116 STATE CAPITON BLDG.
SALT LAKE CITY, UTAH 84114

SUMMIT COUNTY COMMISSIONERS
COUNTY COURT HOUSE
COALVILLE, UTAH 84017

UPLAND INDUSTRIES CORP.
110 N. 14th STREET SUITE 1000
OMAHA, NEB. 68102

TEXACO INC.
P.O. BOX 1629
ROCK SPRINGS, WY. 82401

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

STATE OF UTAH
DIV. OF WILDLIFE RES.
NORTHERN REGIONAL OFFICE
515 EAST 5300 SOUTH
OGDEN, UTAH 84403

United States Department of Agriculture | Forest Service | Evanston Ranger District | 65 Hwy 150, Suite A
P.O. Box 1880
Evanston, WY 82930

Reply to: 2720/2820

Date: Oct. 7, 1988

43-043-30252

Dear Interested Forest User:

As you are aware, Texaco, Inc. submitted a proposal to the Evanston Ranger District, Wasatch-Cache National Forest, to construct an oil/gas exploratory well. This proposal has been analyzed by an Interdisciplinary Team of resource specialists for the Forest Service and an Environmental Assessment prepared.

Attached is a copy of the Environmental Assessment and signed Decision Notice addressing this project. Implementation may take place immediately as per those requirements and conditions contained in the Multipoint Surface Use and Operations Plan and Special Use Permit.

Questions concerning this operation can be answered at the Evanston Ranger District (307-789-3194).

Sincerely,

Bernard Thompson

CLYDE N. THOMPSON
District Ranger

DECISION NOTICE
AND
FINDING OF NO SIGNIFICANT IMPACT

Texaco USA
Drillsite and Access Road

USDA Forest Service
Wasatch-Cache National Forest

It is my decision to issue a Special Use Permit to Texaco authorizing construction of the Steel Creek No. 1 oil/gas exploratory well and the necessary access road. This permit will also authorize Texaco to repair, maintain, and use those portions of Forest Roads No.'s 058 and 065 as needed for access between the National Forest boundary, near Meeks Cabin Reservoir, and the drillsite in T. 2 N., R. 12 E., section 11, SE1/4SW1/4, Salt Lake Meridian. This decision is in conformance with the Wasatch-Cache Land and Resource Mangement Plan.

The surface of section 11 is federally owned and administered by the U.S. Forest Service. The minerals are privately owned and have been leased to Texaco. The Forest Service has the responsibility of analyzing mineral exploration proposals and prescribing those requirements needed to protect the surface while providing for reasonable access.

The environmental assessment (EA) documenting the analysis of this project is available for public review at the Forest Supervisor's Office in Salt Lake City, Utah, and the Evanston District Ranger's Office in Evanston, Wyo. The analysis of this proposal including alternatives was developed by an interdisciplinary team from Texaco and the U.S. Forest Service. Public comments on the project were included in the analysis.

Two sites were looked at in the analysis. One site was eliminated from further discussion because of obvious problems related to the steep slopes found there. The other site is about 1500 feet to the southeast on relatively level ground and in the end of an old clear-cut unit (mid '70s). The Interdisciplinary Team could find no other locations they felt would offer a better opportunity for mineral exploration and surface protection at the same time as this one.

Adequate access already exists to within 880 feet of the drillsite. Alternative locations for the new road needed to bridge the last 880 feet were quite limited because of the short length needed and the remnants of an old fence which has been identified as having historical value. The route chosen offers protection of the fence and still meets the Visual Quality Objectives prescribed in the Wasatch-Cache National Forest Land and Resource Management Plan.

Based on the facts and circumstances discussed in this assessment, I have determined that this is not a major Federal action that would significantly affect the quality of the human environment, and an environmental impact statement need not be prepared.

A Special Use Permit will be issued and those mitigation measures developed in the EA and operating plans for this project will be attached as permit conditions. Implementation of this project may take place immediately.

This decision is subject to appeal pursuant to Secretary of Agriculture Appeal Regulations 36 CFR 211.18. An appeal notice must be submitted to this office within 45 days from the date of this decision. A statement of reasons to support the appeal and any request for oral presentation must be filed within the same 45 day period.

An appeal of this decision does not halt implementation of the project. A stay of the decision may be requested by submitting information explaining what action the appellant wants stopped and why.

Dale N. Bosworth

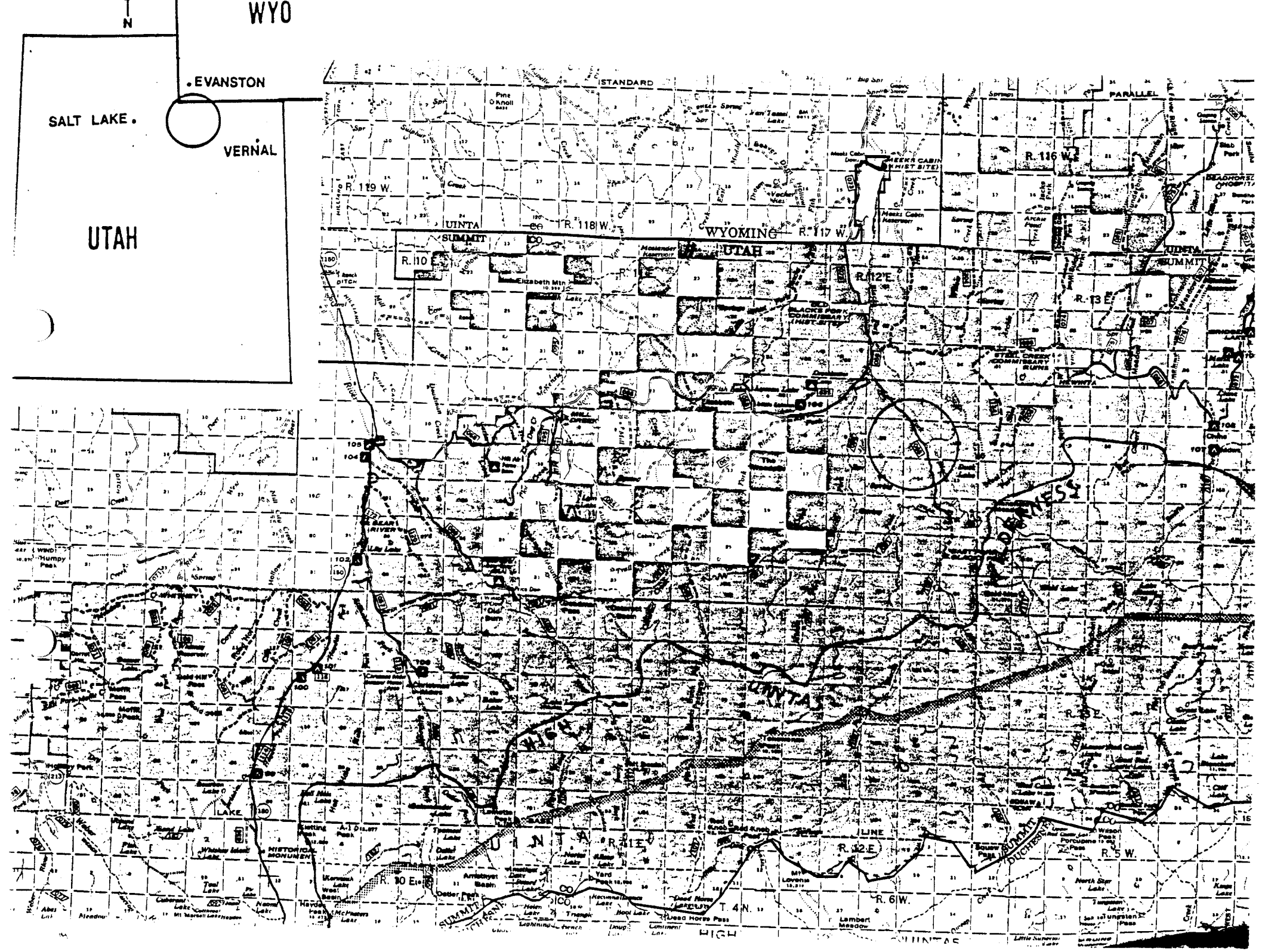
DALE N. BOSWORTH, Forest Supervisor
Wasatch-Cache National Forest

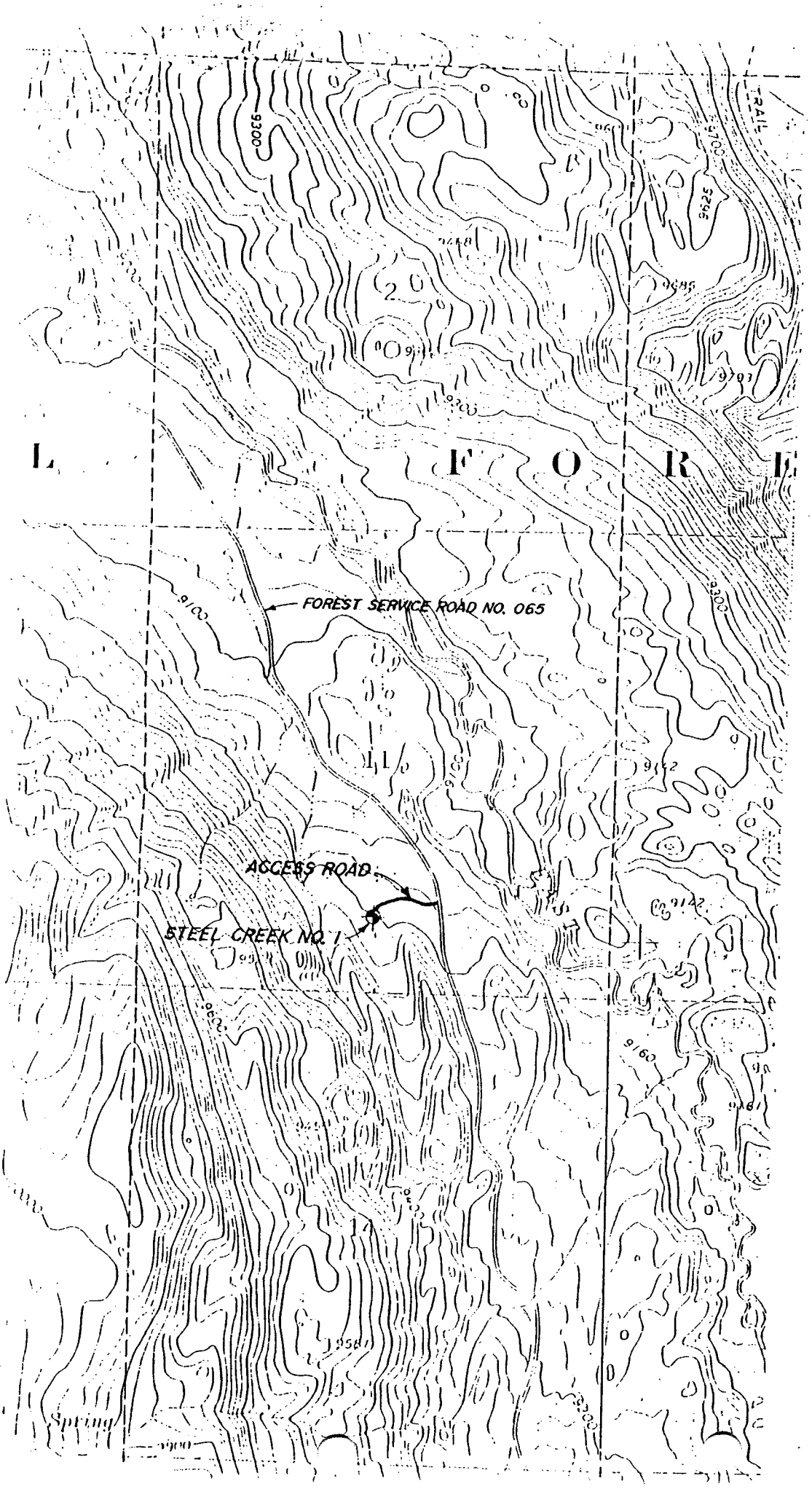
10/6/88
Date

TEXACO USA
PROPOSED DRILL PAD AND ACCESS CONSTRUCTION
STEEL CREEK NO. 1

ENVIRONMENTAL ASSESSMENT

Evanston Ranger District
Wasatch-Cache National Forest


WYO
N
EVANSTON
SALT LAKE
VERNAL
UTAH
STANDARD
PARALLEL
R. 119 W.
R. 118 W.
R. 117 W.
R. 116 W.
UINTA
SUMMIT
CO
WYOMING
UTAH
R. 110 E.
R. 12 E.
R. 13 E.
R. 5 W.
R. 6 W.
T. 4 N.
R. 12 E.
R. 30 E.
LINE
HIGH
UINTAS


FOREST SERVICE ROAD NO. 065
ACCESS ROAD
STEEL CREEK NO. 1
TRAIL
9300
9700
9625
9685
9200
9100
9160
9142
9580
Spring

INTRODUCTION

The Evanston Ranger District, Wasatch-Cache National Forest, received from Texaco Inc. a "Notice of Staking" on March 29, 1988 advising the Forest Service of their intent to construct an oil/gas exploratory drilling pad and related access. This proposal lies in T. 2 N., R. 12 E., section 11, SW1/4, Salt Lake Meridian and is within the East Fork of Blacks Fork drainage. Texaco has named this location Steel Creek #1.

The East Fork Blacks Fork drainage is receiving significant interest for oil/gas leases. Several sections scattered throughout the valley and a sizeable block of land south of the East Fork Guard Station have been included in lease applications submitted this past summer (1988). Our first intent was to include all of these applications along with the drilling proposal and some other timber related activities into one assessment, the East Fork Blacks Fork Area Analysis, and to look at the entire drainage at one time.

As we progressed through the public involvement process and started collecting data, we decided to address this proposal in a site specific analysis because of some of the information we uncovered. During the public review period of the scoping document we were able to identify issues and concerns and to locate the areas where they actually related to. We also found that reasonable access for mineral exploration could not be denied on those sections with private minerals, such as this case, and that an area analysis would only delay implementation of a relatively simple proposal.

The surface of Section 11 is owned by the Government and administered by the Forest Service but the minerals are privately owned. The deed which documents the sale of this section to the Government states: "The reservation of all oil, coal and other minerals within or underlying all of Sections....11...with exclusive right to prospect for, mine and remove the same.... and the right to use said land as may be necessary .... and for roads for approach and removal of oil, coal, minerals, ...". A copy of this deed is on file at the Supervisor's Office and at the Evanston District Office.

The Forest Service retains responsibility for surface protection and this assessment will disclose where and how this proposal will be implemented. In this case, the Bureau of Land Management will not get involved but instead the State of Utah's Division of Oil, Gas, and Mining retains subsurface responsibilities. The State will study the proposed drilling plan and decide if the plan ensures protection of subsurface environment and prescribe those requirements needed if a deficiency is found.

PROPOSAL

As stated above, Texaco, Inc., proposes to explore for and develop those oil/gas reserves which may be found. To do this, they will have to construct a 175 foot by 355 foot drilling pad with a 125 foot by 30 foot reserve pit along the eastern side (total area about 1.7 acres). The proposal includes construction of an 880 foot long by 14 foot wide access road to connect the pad with the existing East Fork Blacks Fork Road (#065). Total area affected by

construction will be about 2.2 acres. Estimated well depth is 16,000 feet. Construction and drilling operations will proceed as soon as possible this fall, depending on weather.

PURPOSE AND NEED

The purpose of the proposed action is to allow the leasee or his representative to act upon the rights and privileges granted under the lease; to explore for and develop those deposits of oil/gas which may be found. The Forest Service does not determine when there is a "need" to explore for or develop mineral resources but analyzes proposals from private industry to do so.

The purpose of this environmental assessment is to address the potential environmental impacts that would result from implementation of Texaco's proposed action and to prescribe necessary mitigation measures for surface protection.

FOREST PLAN DIRECTION

This proposal is in conformance with the Wasatch-Cache National Forest and Resource Management Plan (Forest Plan). Specific goals and objectives listed in Section IV on page 14 direct the Forest to "Integrate the exploration and development of mineral and energy resources on the Forest with the use and protection of other resource values.", "Mineral rights under substantial portions (125,000 acres) of Wasatch-Cache are reserved to private parties or the State of Utah. Rights of access and development must be recognized in the administration of these areas of the National Forest." and " Administer the mineral resources of the Wasatch-Cache National Forest to provide for needs of the American people and to protect and conserve other resources.".

Design and construction of the proposed drill pad and access road are guided by those standards and guidelines listed in the Forest Plan, specifically in the Forest Wide Standards and Guides (Section IV, pages 27, 36-41, 43-46) and the North Slope Management Area (Section IV, pages 75, 76, 83, 84, 93, 95-98).

SCOPING/ISSUES AND CONCERNS

On June 15, 1988, a scoping letter was sent out to the public introducing them to Texaco's proposal. This scoping letter informed the public that the Forest Service intended to analyze the entire East Fork Blacks Fork drainage in an "Area Analysis" because of other resource use interests including the Texaco proposal. Since that time, the information we have collected has directed us to address this proposal in a site specific analysis instead of the area analysis.

Two open house meetings were held, one on the 7th of July in Evanston and another (on the 14th of July) in Salt Lake City to get as much information out as possible and to collect comments from interested parties. Several onsite tours were held with various Forest Service groups, with representatives of Utah's major wildlife associations on the 17 and 18th of July, with Congressman Wayne Owens and his staff on the 16th of August, and with Ron Crittenden of Congressman Howard Neilson's staff on the 14 and 15th of Sept.

The majority of concerns received relate to resource interests lying south of the East Fork Blacks Fork guard station. No specific problems with the site where Texaco proposes to drill were identified, other than a general objection to oil and gas exploration anywhere in the drainage. Strong concern has been voiced for any development south of the guard station which is about three miles south of the proposed drill site.

Issues/concerns have been collected during the various meetings and through the mail. Many of these deal with the proposed area analysis for the East Fork Blacks Fork drainage and do not address specifically the site involved with the Texaco proposal. Those issues/concerns relating to this proposal are:

The minerals within Section 11 are privately owned. The Forest Service can not deny reasonable access for mineral exploration and development within this Section.

The affect of visual impacts of drill sites, roads, and clearcuts, particularly on ridge lines and the affect on recreational potential.

Stream quality preservation.

Auditory impact of development.

Protection of critical moose/elk habitat.

Concern for all species of wildlife.

Forest Service authority to prevent/restrict development where sub-surface is private.

Plans for disposal of drilling mud and other waste from the proposed well.

With development of the Texaco well, possible problems in altering the ground water system may develop. Is there a system of observation wells inthe area to monitor quality changes and levels of water?

ALTERNATIVES

Alternative drill sites for oil and gas exploratory wells are somewhat limited. They are restricted by leases and geological structures. Flexibility in moving a proposed location is limited in most cases to those minor adjustments needed to move off of a stream or steep side slope. From an environmental standpoint, the impacts are usually similar in the general vicinity where the drill pad. There is more flexibility in access road location.

On June 1st, 1988, the ID Team, and Texaco representatives met onsite for a preliminary environmental review. Texaco had staked one site proposal prior to the meeting to give the ID Team a place to start. After much discussion a second site was identified in the same general area which appeared to have fewer associated environmental impacts. No additional alternative sites were identified and subsequent field inspections failed to disclose additional viable alternatives with any fewer impacts than those already identified.

Steel Creek #1 Drill Pad Location Alternatives:

A. The drill site would be constructed in the center of the SW 1/4 of Section 11. This was the first site located by Texaco to give the ID Team something to start with. From the beginning the Team found several things that make this site very undesirable for a drill pad location. The drill pad would occupy a site 200 feet above the valley floor on a slope directly facing the East Fork Blacks Fork Road. With slopes ranging constantly around 25% to 35%, no opportunities exist to hide the pad. In order to construct a level pad we would end up with cuts around 30 feet high and a fill on the lower side of around 40 feet; the pad would be quite visible from the road and would not meet the Visual Quality Objective (Partial Retention) identified for this area. This alternative is not a viable one and will not be discussed further in this assessment.

B. Texaco was able to locate an alternate site approximately 1500 feet to the southeast (SE1/4SW1/4, of Section 11). The pad would occupy a site on the valley floor and in the edge of an old clearcut (mid 70's). Texaco's plans call for using a "closed" mud system which reduces the need for a large reserve pit. A pit almost two-thirds smaller than a regular pit will be all that is constructed and this will be lined with an impervious liner. The actual dimensions would be 360 feet long by 175 feet wide; approximately 1.5 acres. Standardpads have been closer to 3 or 4 acres in size. (Please refer to plans in Appendix.)

C. No Action Alternative. The Government purchased Section 11 on 8/26/39 but the minerals were withheld in private ownership (deed on file in the Evanston District office). The Forest Service legally cannot deny access for mineral exploration and development. The "No Action" alternative will be used for comparison purposes only.

This document will only address one access route. The terrain between the site and the East Fork Blacks Fork Road is quite flat. Other than differences in the vegetative patterns the other characteristics are quite the same; there are no advantages of one alignment over the next except to screen the road by locating it through the trees where possible. There also exists the remnants of an old log worm fence which we want to leave alone. Several openings do exist where the fence has almost totally decayed. One of these openings face directly into a stand of trees; the road access alternative we will discuss utilizes this opening and the stand of trees. No other alignment could be found with the same favorable combination of features. There is also no apparent reason to not use the existing Forest roads to provide access from the Forest boundary near Meeks Cabin Reservoir to as close to the proposed drillsite as possible.

To eliminate the need for a borrow ditch or pit, the new access road, needed to bridge the gap between the existing East Fork road and the drillsite, will be constructed of material from the drill pad. This will help keep the road clearing width to a minimum and reduce affects on visuals.(Please refer to the construction designs in Appendix.)

AFFECTED ENVIRONMENT

Soils

The site is in the bottom section of a glaciated valley. Surface material is a mixture of alluvium and glacial till. The soils of this site are very porous unconsolidated sand and gravel. The inherent erosion and mass stability hazards are both low.

Hydrology/Water

The location is dry and appears well-drained. The area is relatively flat with slopes of only 5 to 6%. Two shallow channels may carry water during extreme run-off periods but no active streams are involved with either the pad site or access road. The closest live water is 500 feet to the west of the proposed drill site; a small ridge separates this small intermittent stream from the drill site. The East Fork Blacks Fork stream is 1700 feet to the east and is separated from the impacted area by the East Fork road and an extensive lodgepole pine stand.

Wildlife/Fisheries

Several species of small animals and big game use the area such as rabbits, porcupine, various raptors and birds, squirrels, chipmunks, elk, deer, moose, and an occasional black bear. The area is not within any key habitat for any of the big game species, although it is within an area, which because of elevation, could be used by elk during calving season. During the winter only a few signs show that a rabbit, squirrel, or porcupine may still be around.

The East Fork Blacks Fork is the closest fishery at 1700 feet to the east. The East Fork road lies in between the proposed site and the stream.

No threatened, endangered, or sensitive species are known to exist in the project area.

Vegetation

The pad site would occupy an area covered with various grasses, forbs, and scattered aspen and lodgepole pine. The access road would wind its way through a lodgepole/aspen stand and cross a small dry meadow before joining with the East Fork Blacks Fork Road.

The lodgepole is in a decadent condition, heavily infected with dwarf mistletoe, stunted and stagnated. The trees are too small to make saw timber and too short and bushy to make post or poles; some firewood could be produced from this site.

Visuals

The area directly between the East Fork Blacks Fork Road and adjacent timber stands is identified as having a Visual Quality Objective (VQO) of Partial Retention. This means that management activities should not dominate the natural landscape as viewed from the East Fork Road but should remain subordinate to the visual strength of the characteristic landscape.

The area just inside of the timber stands where the pad and access road are proposed is identified as having a VQO of Modification. This means that activities may visually dominate the original characteristic landscape as

viewed from the East Fork Road. However, activities must borrow from naturally established form, line, color,and texture.

Recreation

Recreational use of the specific pad and access road is very limited and probably only then during the hunting season as an occasional hunter may wander through the area. Recreational use of the drainage as a whole is quite different. The majority of the use occurs near the end of the road at the East Fork Blacks Fork Trailhead where there is some facilities for camping and a parking area for those traveling into the Wilderness. A fair amount of dispersed camping does occur all along the road usually associated with fishing and hunting. The distance from any hard surfaced road keeps use of the area down; this in itself makes the area attractive to those wanting to leave the crowds behind and to observe wildlife and to sight-see.

Range

The pad and access road proposal lie within the Blacks Fork Sheep Driveway but not within any of the pastures. Sheep bands traveling along this driveway would stay fairly close to the East Fork road.

Cultural

A cultural resource inventory was conducted on the access road and well site. The old log worm fence was the only thing of historical significance found directly involved with this proposal. Evidence of old tie hack camps are located throughout the drainage and in close proximity to the site.

Transportation

The East Fork Blacks Fork Road (#065) provides access into the East Fork Blacks Fork drainage after leaving the North Slope Road (#058). The proposed drill site is approximately two miles south of the junction. Road width averages 20 feet subgrade with little or no gravel surfacing. What gravel is in place is almost entirely worn out.

Environmental Elements Considered With Minor Effects:

Wilderness

The High Uintas Wilderness is five miles away to the south.

Floodplains/Prime Farmlands

None.

National Register Historic Sites

None.

ENVIRONMENTAL CONSEQUENCES

This section describes the consequences of implementing the proposed action in terms of resource elements. The discussion will also identify any irreversible or irretrievable commitments of resources which would be involved with implementing the drilling proposal. The consequences of implementing the "No Action" alternative are not discussed in this Chapter as there will be no impact on the various resource elements by denying the drilling request.

Soils

Construction of this proposal would disturb approximately 2.25 acres of soil. Disturbance and exposure of these soils would subsequently increase the susceptibility of the soil to erosion and off-site sedimentation. This impact could be controlled and reduced to levels considered nonsignificant through prompt soil stabilization by revegetating the disturbed sites and application of erosion control devices on steeper slopes.

There would be no irreversible or irretrievable commitments made on the soils involved.

Hydrology/Water

Construction operations on the proposed project would include removal of vegetation and compaction of the soil which would greatly increase overland flow of water and related erosion. The impact could be controlled and reduced to insignificant levels through prompt reseeding and establishing vegetation on as much of the disturbed site as possible.

The leakage or spillage of drilling fluids from the reserve pit could degrade surface and ground waters. The potential for such an occurrence depends on several factors including: 1) the stability of the cut or fill material in which the pit is constructed, 2) the permeability of the soil materials in which the pit is constructed, 3) storage capacity of the pit, and 4) the type and quantity of fluids released from the pit and proximity to the water body potentially affected.

No affects to live surface water is anticipated because of the distance involved between the proposed activity and any streams. Risk of ground water contamination could be controlled through careful management of drilling fluids and construction of a pit that is both stable and impermeable. Contingency plans done ahead of time should deal with accidental fluid spills on and off site.

Wildlife/Fisheries

Wildlife considerations for the proposed access road and well site include disturbance of big game animals during non-critical periods and potential disturbance during elk calving. Destruction of habitat and loss of individuals for a variety of non-game small mammals and birds would result on that area of the road and pad site. Displacement of wildlife would occur especially during the construction and drilling operations. Fisheries in the area are far enough away to eliminate any effect.

These effects would be significant if critical periods of animal use or areas of critical habitat could not be avoided. Such is not the case.

Vegetation

Direct effects involve total vegetation removal from the area of the access road and drill pad. The duration would depend on the success of the drilling operation. Either the well is successful and then only a portion of the pad will be reclaimed after the drilling phase is completed. Or the well is dry after which the entire pad and road can be reclaimed and vegetation established as soon as possible. Grasses and some forbs should become established within just a few years; trees will take up to 25 to 100

years to get back to what it was prior to disturbance depending on species and treatment of the area with top soil and fertilizer.

Visuals

Activities required to construct an access road and drill pad will have an affect on the visual resource. How much will depend on construction design and placement on the ground. The location of the drilling pad will only be evident from the East Fork road while the drill tower is in place during the relatively short drilling period. The VQO of Partial Retention and Modification can easily be met with proper road design and layout, and screening the drill pad from the East Fork road.

Recreation

Activities associated with the construction, drilling, and operation of an oil/gas well would have significant impacts on the quality of the recreational experiences if the area involved was infact used for recreational purposes. During the numerous visits to the site, no one was ever observed in the area except passing through on the East Fork road. One fire ring in the area suggests that there is some use on a very limited basis.

Drilling noise and increased traffic on the East Fork road would be the major impacts to recreationists passing the site as they drive to the trailhead and campground near the East Fork Blacks Fork Guard Station but even these impacts will be gone after the relatively short drilling phase. Those people sightseeing along the road will not see the drill pad except for the tower during the short drilling phase and a short section of the new access road where it leaves the main East Fork road.

Range

No effect is anticipated. The drill pad and access road are located within the sheep driveway but not in any of the identified pastures. Sheep passing through the area will usually follow the East Fork road and not even get around the proposed drill site area.

Cultural Resources

Access road construction will cross an existing historical log worm fence. Several openings, where the fence has totally decayed, offer opportunities for a road crossing with no impact to those portions of the fence still visible. Other cultural resources are far enough away for the actual construction and operation of this proposed activity to be of any threat.

Transportation

Traffic loads will increase on the East Fork road and the road leading past Meeks Cabin Reservoir. Heavy truck traffic will wear out what surfacing is there. Maintenance will only temporarily help and will continue to add rocks to the sides of the roads. No additional road clearing will be necessary as road widths already provide two lanes, sight distances are adequate and grades are acceptable. Road subgrade restoration and surfacing will be needed in many sections as the existing roads are inadequate for year round travel.

The proposal would add approximately 880 feet of road to the East Fork Blacks Fork drainage unless the old existing road now accessing the old clear-cut is reclaimed.

DISCUSSION OF CUMULATIVE IMPACTS

Implementation of this proposal should not have a cumulative effect on the affected environment if drilling of the Steel Creek No. 1 well results in a dry-hole. However, should drilling result in the discovery of hydrocarbons in commercial quantities, additional oil/gas exploration and development activities would undoubtedly result. At the very least, one additional well would be drilled to confirm the discovery and evaluate the reservoir. If the second well should prove productive, development activities would then proceed. A Field Development Plan would be submitted as soon as the characteristics of the reservoir are evaluated. Attempts to analyze the cumulative effects of field development activities on a site-specific basis prior to the completion of Steel Creek No. 1, and confirmation of a discovery, would be purely conjectural in nature.

The Final Environmental Impact Statement for the Wasatch-Cache National Forest Land and Resource Management Plan analyzed the cumulative effects of oil and gas exploration and development within the Forest:

> "Wasatch-Cache National Forest can expect the discovery of from one to three producing oil and gas fields within the fifteen (15) years. We can expect from zero (0) to five (5) new oil and gas drilling operations per year. Each drilling operation will require an average of one (1) mile of new road construction. Each oil and gas field will require a production facility and about ten miles of pipeline construction."

Based upon this scenario, the cumulative effects of oil and gas exploration and development activities were evaluated and are included in the final EIS for the Forest Management Plan. Oil and gas exploration activities on the Wasatch-Cache National Forest do not exceed the five new well scenario now.

It should be noted that the cumulative effects of current oil and gas development activities occurring in the Bridger Lake, Flash and Luckey Ditch Unit areas were evaluated under a separate EIS.

MITIGATION MEASURES AND MANAGEMENT REQUIREMENTS

The mitigation measures and management requirements that follow will be used in the operating plan for this proposal in addition to those contained in the Construction and Use Plans, and Multipoint Surface Use and Operations Plan submitted Aug. 26, 1988 (please refer to Appendix). If a conflict between requirements exist, those listed below will rule:

1. (Refer to page two, para. six, Multipoint Surface Use and Operations Plan) Texaco will provide a qualified civil engineer to be available at all times during construction to ensure construction standards meet those standards and criteria contained in those plans and designs agreed to. This person will have authority to make minor changes as required by the Forest Service (Road Design Criteria in Appendix).

2. Construction with frozen earth will not be permitted.

3. Construction or drilling activities will not be permitted between May 1st and June 30th (during elk calving season).

4. No dogs will be allowed on site.

5. Guns will be prohibited on the location at any time.

6. (Refer to page two, para. five, Multipoint Surface Use and Operation Plan) The area of well pad disturbance will be fenced and either gated or a cattleguard installed.

7. Because oil field activities could accidentally discharge oil, an oil spill prevention, control, and countermeasure plan will be developed prior to completion of the well.

8. If and when the well is successful, a proposed plan for production facilities will be submitted for approval.

9. Any cultural resource (historic or prehistoric) discovered by the company or any person working on his behalf, shall be immediately reported to the Forest Service.

10. All employees will be notified that digging in and around historic or prehistoric sites, or removing any artifacts is prohibited.

11. A stop sign will be installed on the new access road and a yield sign on the East Fork road were it joins with the North Slope Road (#058). A maximum of 30 MPH speed limit will be enforced by the companies.

12. Texaco will maintain the existing Forest collector roads (from the Forest boundary near Meeks Cabin Reservoir to the new access road into the well site) to level 3/4 depending on existing surface conditions as per Forest Transportation Maintenance Hand Book. They will ensure damage caused by their use is repaired promptly. Upon completion of the well, if it is successful, Texaco will improve these roads as per Forest Service requirements, to ensure year round travel. This will include, but is not limited to, subgrade repairs and placement of gravel surfacing.

13. In lieu of making deferred maintenance deposits for wear and tear during the exploration phase, Texaco shall perform intermittent road restoration on one mile of road #058. This work shall consist of subgrade restoration and 4 inches of gravel surfacing as per standard specifications.

14. If potential exists for discovery of dangerous gases, a gate or other means of traffic control will be installed at the beginning of the new access road.

15. (Refer to page two, para. four, Multipoint Surface Use and Operations Plan) The timber removed during construction will be stacked as per Forest Service instructions and sold by the Forest Service to the public through the personal use firewood program.

CONSULTATION AND COORDINATION

The section SCOPING/ISSUES AND CONCERNS describes the processes we went through to introduce this proposal to interested parties and to elicit comments back. The list of those parties who received copies of the scoping letter or who attended one of the open house meetings is in the Appendix. Copies of the actual letters received and comments voiced at the meetings are on file at the Evanston Ranger District.

At first, this proposal was going to be addressed in an "area analysis" being developed for the East Fork Blacks Fork drainage and comments were elicited as such. After much thought and discussion we decided to separate this proposal since it would rush our analysis for the area analysis and that we legally couldn't deny access for mineral exploration in the first place. We felt the time would be better spent dealing with the question of where and how the pad and road would be constructed first and then do the area analysis when time wasn't so limited. Some of those comments we received during the scoping period will not appear in the document here because they have no bearing on this particular issue but they will be dwelt with in the area analysis which is still scheduled to be completed.

Public Involvement Summary

With the exception of a couple letters, the majority of the comments were very similar. Below is a summary of those comments:

Comment - A majority of the letters received opposed Texaco's proposal. Too much land is open to and being developed for numerous reasons. We need to preserve what we have left in it's natural state.

Response - Considering the multitude of special interest groups interested in the North Slope and all the various resource uses allowed on National Forests, there is bound to be conflicting values concerning one group's proposals by another group. The area involved with this proposal is presently open for and being managed for multiple use including oil/gas exploration and production.

Comment - The visual impacts of oil/gas exploration and development have a negative effect on recreational potential.

Response - The East Fork Blacks Fork drainage does have significant potential for recreation as a whole. The specific site involved with this proposal has very limited evidence that recreation of any kind occurs here. The biggest impact to recreation will come as increased levels of traffic on the main road and noise. After the construction and drilling operations are completed, traffic to one particular well is greatly reduced. Impacts to recreation during this time would be little if any.

Comment - Water quality in the adjacent streams is being jeopardized.

Response - The risk of contamination of streams in the area is very slight due mainly to the distance between the streams and the drilling activity. During any hauling operation, the West Fork Blacks Fork River is crossed

once; the event of an accident occurring during this crossing is very slight. A plan dealing with accidental spills will be developed to handle any possible risk.

Texaco will drill with what is called a "closed mud" system. Drilling fluids will be recycled during the drilling operation and not pumped into a reserve pit. The pit will only contain the drilling cuttings and will also be lined with a plastic liner to prohibit any contamination of ground water by what ends up in the pit.

Comment - Oil/gas exploration has a very negative effect on the sounds of the Forest; in other words, noise.

Response - Construction and development activities do bring a high level of noise with them but only during a relatively short period. These operations will occur during the fall and winter seasons when few people are around to hear them. Noise should rapidly dissipate due to the site's location in the drainage bottom and the surrounding trees. Actual use of the area directly adjacent to the drill site is very limited as it is.

Comment - Where are the elk/moose suppose to go during all of this activity? Is this critical wildlife range?

Response - Actual use of the particular site by wildlife is minor. Elk pass through the area on the way to higher ground for the summer and to low ground to the north for the winter. Moose will generally hang out in the river bottoms but will go into the timber for security and shade. This particular site has not been identified as critical for wildlife for any reason. Because of it's elevation, it could possibly be used during elk calving season. Construction and drilling operations will be suspended during this period.

Comment - Other than big game animals use the area. What about them?

Response - Those animals such as the mice, squirrels, etc. which inhabit the site will be displaced but only off of the 2.2 acres effected by construction activities. Plenty of area exist just off the site and these animals adapt quite well to the presence of man. No threatened or endangered species will be effected.

Comment - What are the plans for disposal of drilling mud and other waste from the proposed well?

Response - The company will finance a physical/chemical test of the pit contents and will submit the findings to the State of Utah Division of Oil, Gas, and Mining. The State will notify the Forest Service of the options for disposing of the fluids and the muds depending on the chemical makeup and hazards associated with them.

Comment - With development of the Texaco well, possible problems in altering ground water system may develop. Is there a system of observation wells in the area to monitor quality changes and levels of water?

Response - No system of observation wells exist, although, studies have started for monitoring water quality in the East Fork Blacks Fork River. With the casing planned for the well bore and the pit liner, we do not anticipate contaminating ground water or influencing the water table.

LIST OF PREPARERS AND SPECIALISTS

BERNARD ASAY	Minerals Forester
CLYDE THOMPSON	Evanston District Ranger
CLARK OSTERGAARD	Landscape Architect
NEIL BABIK	Soil Scientist
FRANK GROVER	Recreation Specialist
JIM COLE	Wildlife Biologist
BY HOFFMAN	Civil Engineer
FRANK McELWAIN	Branch Chief-Lands, Minerals, Recreation, and Special Uses (Supervisor's Office)
HANK MEDUNA	Texaco
LEE HOWELL	Johnson and Fermelia (Engineering Consultant)
LEON KJELLGREN	Johnson and Fermelia
TOM ABBAY	Forest Geologist
JULIE HUBBARD	Forest Environmental Coordinator
TOM SCOTT	Forest Archeologist
CRAIG NATHE	Range Conservationist

DECISION NOTICE
AND
FINDING OF NO SIGNIFICANT IMPACT

Texaco USA
Drillsite and Access Road

USDA Forest Service
Wasatch-Cache National Forest

It is my decision to issue a Special Use Permit to Texaco authorizing construction of the Steel Creek No. 1 oil/gas exploratory well and the necessary access road. This permit will also authorize Texaco to repair, maintain, and use those portions of Forest Roads No.'s 058 and 065 as needed for access between the National Forest boundary, near Meeks Cabin Reservoir, and the drillsite in T. 2 N., R. 12 E., section 11, SE1/4SW1/4, Salt Lake Meridian. This decision is in conformance with the Wasatch-Cache Land and Resource Mangement Plan.

The surface of section 11 is federally owned and administered by the U.S. Forest Service. The minerals are privately owned and have been leased to Texaco. The Forest Service has the responsibility of analyzing mineral exploration proposals and prescribing those requirements needed to protect the surface while providing for reasonable access.

The environmental assessment (EA) documenting the analysis of this project is available for public review at the Forest Supervisor's Office in Salt Lake City, Utah, and the Evanston District Ranger's Office in Evanston, Wyo. The analysis of this proposal including alternatives was developed by an interdisciplinary team from Texaco and the U.S. Forest Service. Public comments on the project were included in the analysis.

Two sites were looked at in the analysis. One site was eliminated from further discussion because of obvious problems related to the steep slopes found there. The other site is about 1500 feet to the southeast on relatively level ground and in the end of an old clear-cut unit (mid '70s). The Interdisciplinary Team could find no other locations they felt would offer a better opportunity for mineral exploration and surface protection at the same time as this one.

Adequate access already exists to within 880 feet of the drillsite. Alternative locations for the new road needed to bridge the last 880 feet were quite limited because of the short length needed and the remnants of an old fence which has been identified as having historical value. The route chosen offers protection of the fence and still meets the Visual Quality Objectives prescribed in the Wasatch-Cache National Forest Land and Resource Management Plan.

Based on the facts and circumstances discussed in this assessment, I have determined that this is not a major Federal action that would significantly affect the quality of the human environment, and an environmental impact statement need not be prepared.

A Special Use Permit will be issued and those mitigation measures developed in the EA and operating plans for this project will be attached as permit conditions. Implementation of this project may take place immediately.

This decision is subject to appeal pursuant to Secretary of Agriculture Appeal Regulations 36 CFR 211.18. An appeal notice must be submitted to this office within 45 days from the date of this decision. A statement of reasons to support the appeal and any request for oral presentation must be filed within the same 45 day period.

An appeal of this decision does not halt implementation of the project. A stay of the decision may be requested by submitting information explaining what action the appellant wants stopped and why.

DALE N. BOSWORTH, Forest Supervisor
Wasatch-Cache National Forest

Date

Form OGC-1a

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

SUBMIT IN PLICATE* (Other ins ons on reverse ide)

AUG 25 1988

5. Lease Designation and Serial No.
TPI - 900664 Fee

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. [redacted]
Steel Creek

b. Type of Well
Oil Well [ ] Gas Well [X] Other Wildcat Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name
TPI ETAL/UPRC NCT-1,WELL -

2. Name of Operator
Attention: H.M. Meduna
Texaco Inc. Producing department for Texaco Producing Inc.

9. Well No.
1

3. Address of Operator
P. O. Box 1629 Rock Springs, WY 82901

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 845 FSL & 2541 FWL, Section 11
At proposed prod. zone SE SW Section 11

11. Sec., T., R., M., or Blk. and Survey or Area
Section 11, T2N, R12E, SLB & M

14. Distance in miles and direction from nearest town or post office*
25 Miles south of Robertson, Wyoming

12. County or Parrish 13. State
Summit Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 845' South

16. No. of acres in lease 640

17. No. of acres assigned to this well unspaced

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

19. Proposed depth 16,000 Morrison

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
9203 Ungraded Ground

22. Approx. date work will start*
9/15/88

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	500'	Cement to surface with class "G"
12 1/4"	9 5/8"	36 # K-55	3300'	Cement to 500' above shoe with Class "G".
12 1/4"	9 5/8"	40 # K-55	4300'	
12 1/4"	9 5/8"	40 # N-80	5300'	
8 3/4"	5 1/2"	20 # S-95	13600')	Cement to 500' above uppermost frontier pay with class "G" containing 30% silica flour.
8 3/4" - 8 1/2"	5 1/2"	20 # P-110	16000')	

Texaco Inc., operating for Texaco Producing, Inc., proposes to drill this wildcat well to test the Dakota formation.

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

24.

Signed H.M. Meduna / HRH Title Area Supt. (307) 382-6540 Date 8-23-88

(This space for Federal or State office use)

Permit No. 43-043-30292 Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side

9-3-88
John R. Baza
[illegible] OF OIL, GAS & MINING: 11-15-3

OPERATOR Texaco Inc. DATE 8-25-88

WELL NAME Steel Creek No. 1

SEC SESW 11 T 2N R 12E COUNTY Summit

43-043-30292	Fee
API NUMBER	TYPE OF LEASE

CHECK OFF:

- [x] PLAT
- [x] BOND (Blanket)
- [x] NEAREST WELL
- [x] LEASE (per Arlene)
- [x] FIELD
- [x] POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'

Need water permit

RDCC 8-26-88. Process 9-12-88

Need exception location request. Received 8-31-88.

Prosite - Rec. 9-9-88.

CONFIDENTIAL PERIOD EXPIRED ON 7-18-90

APPROVAL LETTER:

SPACING: [ ] R615-2-3 _____ UNIT [ ] R615-3-2

[ ] _____ CAUSE NO. & DATE [x] R615-3-3

STIPULATIONS:

1. The reserve pit is to be lined with a minimum of 12 mil synthetic liner and used in conjunction with a closed mud system as proposed by the operator.

0218T

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

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

October 3, 1988

Texaco Incorporated
P. O. Box 1629
Rock Springs, Wyoming 82901

Gentlemen:

Re: Steel Creek No. 1 - SE SW Sec. 11, T. 2N, R. 12E - Summit County, Utah
845' FSL, 2541' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R6l5-3-3, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Texaco Incorporated, as designated operator, is the bonded principal on this Application for Permit to Drill. Should this designation change, or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by a letter of a new bonded principal in reference to this application.

2. 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.

3. The reserve pit is to be lined with a minimum of 12 mil synthetic liner and used in conjunction with a closed mud system as proposed by the operator.

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

1. Spudding notification within 24 hours after drilling operations commence.

2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.

3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.

4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (80l) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-93l8.

5. Compliance with the requirements of Rule R6l5-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (80l) 538-6121.

7. 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 43-043-30292.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

United States Department of Agriculture
Forest Service
Evanston Ranger District
1565 Hwy 150, Suite A
PO Box 1880
Evanston, WY 82930

Reply to: 2820/1950

Date: Aug. 19, 1988

State of Utah
Dept. of Natural Resources
Div. of Oil, Gas, and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84108-1203

Gentlemen:

As you are aware, Texaco Inc. submitted a proposal (March 29, 1988), to the Evanston Ranger District, Wasatch-Cache National Forest, to construct and drill an exploratory oil/gas well in the East Fork Blacks Fork drainage. This spring, we also received applications for oil/gas leases in the East Fork Blacks Fork drainage. At that time we felt time would be more efficiently spent studying the entire area and tying everything together into one Area Analysis instead of several site specific studies. Decisions relating to the drilling proposal and to the leases would have been addressed in one document, along with decisions on wildlife management, timber management direction, etc.

Since the drilling proposal was received, the Forest Service has been collecting resource data in the East Fork of the Black's Fork. We have also asked the public for their thoughts and concerns through a Scoping Document sent out June 15, 1988, and during two open house meetings held July 7th in Evanston and July 14th in Salt Lake City. We have had several tours of the area with various Forest Service groups, with representatives of Utah's major wildlife associations on the 17 and 18th of July, and also with Congressman Wayne Owens and his staff on the 16th of August.

The majority of the oil and gas concerns received to date relate to the pending leases higher in the drainage, near the wilderness boundary. No specific problems with the proposed Texaco site have surfaced, other than a general objection to oil and gas exploration anywhere in the drainage. For a reminder, the Texaco proposed site is in section 11, about midway down the drainage. It is in an old clearcut (mid 60's), and would require about 200 yards of low standard road for access.

Texaco's proposal is on one of many tracts in this drainage where the minerals are privately owned. Texaco has a right to explore for and develop minerals found within its lease. The Forest Service retains responsibility for surface protection. We are to study their proposed operations and prescribe mitigation

measures which will provide surface protection, short of denying reasonable access.

Because of this constraint on our decision authority, we are going to take the Texaco proposal out of the Area Analysis and address it in a separate analysis. From our perspective, this offers several advantages:

- it removes from consideration a decision which is constrained by legal authority, and aids us in focusing the Area Analysis on pertinent issues;

- it removes any pressure to "rush" the Area Analysis, with sensitive leasing issues, in order to be timely in dealing with Texaco's proposal;

- it offers the potential of providing additional information which may be used in the Area Analysis;

- and, it allows us to be timely in responding to Texaco's proposal.

In summary, we believe analyzing the Texaco proposal separately from the Area Analysis will best meet our overall needs in managing this unique drainage.

If you have specific questions relating to this decision, please feel free to call either me or Bernard Asay at (307) 789-3194.

Sincerely,

Clyde W. Thompson

CLYDE THOMPSON
District Ranger

Texaco USA
Producing Department
Midland Division

PO Box 3109
Midland TX 79702

P. O. Box 1629
Rock Springs, WY 82901
August 29, 1988

State of Utah
Department of Natural Resources
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203

Texaco Inc, operator for Texaco Producing Inc, is requesting an exception to the Utah Spacing Law that a well has to be 460' from any boundary. The Steel Creek Well #1, Section 11, T2N-R12E, 845' FSL and 2541' FWL is approximately 90' away from an inside boundary. Texaco Producing Inc. has all of Section 11 under lease.

Your assistance in this matter is greatly appreciated.

H. M. Meduna
Area Superintendent
Rock Springs Area

HMM:lab

Texaco USA
Producing Department
Midland Division

PO Box 3109
Midland TX 79702

August 26, 1988

United States Forest Service
P. O. Box 1880
Evanston, WY 82930

Attention: Mr. Clyde Thompson
District Ranger

Dear Mr. Thompson:

Using the format required by Onshore Operating Order No. 1, the following Multipoint Surface Use and Operations Plan applies to the Steel Creek No. 1.

1) **Existing Roads**

The proposed well, operated by Texaco Inc., is a wildcat well. The wellsite for the proposed location will be new construction and is currently staked. The proposed route that drilling related traffic will use to the location is as follows:

From the Carter/Mountain View exit off of I-80 take State Highway 414 south to the town of Mountain View. In Mountain View take State Highway 410 southwest approximately 14 miles to the junction of County Road 19-271. Take County Road 19-271 southwest approximately 15 miles where the road enters the Wasatch National Forest and becomes U.S.F.S. Road No. 073. Continue on U.S.F.S. Roads No. 073, 058, & 065 for 9 miles to the junction of the proposed new access road to the drillsite. Take the proposed new access road west for 0.2 miles to the proposed drillsite.

The above mentioned roads are maintained by the State of Wyoming, Unita County Road Department, and the United States Forest Service. U.S.F.S. roads 073, 068, & 065 leading to the proposed drillsite will be maintained by Texaco Inc.

The proposed road off of U.S.F.S. Road #065 and located in the SW 1/4 SE 1/4 of Section 11, T2N, R12E, will constructed as access to the proposed drillsite. Preventative and corrective road maintenance of this section of road will be done by Texaco Inc.

An onsite inspection of the proposed construction of access road was conducted with the U.S.F.S., Utah Oil & Gas Division of the Department of Natural Resources, and Texaco, Inc. representatives on June 1, 1988. The final road design as required by U.S.F.S. personnel will be reflected in the "Construction and Use Plan"

which will be submitted to the U.S.F.S. prior to commencing construction activities. Please reference Exhibit # 1 and # 2 for the location of the subject roads and for location the proposed wellsite in relation to other reference points.

2) **Planned Access Roads**

Please reference Exhibit #1 for the proposed access route by Texaco Inc. The drilling of this wildcat well will require construction of approximately 900 feet of new access road. All of the proposed construction will take place on United Stated Forest Service land in the Wasatch National Forest.

The access route selected is designed to mitigate adverse impacts of the route to wildlife, visual impact, and public use. The selection of the access route was per the recommendations of the U.S.F.S., and has been deemed the best suited access.

Texaco will secure with the U.S.F.S. a "Timber Settlement Permit" before construction the proposed access route. Stumps, limbs and rocks encountered in construction activities will be stored adjacent to the ROW in an area designated by the U&.S.F.S.. The debris which is accumulated in these areas will be buried in an area designated by the U.S.F.S. or disposed of in the reserve pit prior to backfilling. Road and location design is in accordance with U.S.F.S. specifications and construction will be done as stipulated in U.S.F.S. Construction Regulations.

Texaco has designated and will upgrade a minimum road surface necessary to handle drilling related traffic. Construction of the access route will provide for the following: a 14' running surface when graveled with 2:1 outslopes from the shoulders, one turnout approximately midway, minimum of 4" gravel road base and maximum grades of 6%.Two 18" diameter culverts will be installed, one at the junction from U.S.F.S. Road No. 065 and one in an existing drainage crossing. The road will be constructed entirely of embankment material obtained from construction of the drill-site location. As per U.S.F.S recommendations no topsoil will be removed from beneath the road embankment. A gate and cattleguard will be installed where the access road enters the drillsite.

The final road specifications will be presented in the "Construction and Use Plan" submitted to the U.S.F.S. prior to commencing construction activities. Construction will be performed by Texaco and its contractors in conformity with the plans, terms, and condition under which approval is granted. Texaco and its contractors shall construct, operate and maintain facilities within the prescribed R.O.W.'s. Texaco shall provide qualified quality assurance/quality control services.

Should your office need to contact the United States Forest Service, please direct correspondence to:

United States Forest Service
P. O. Box 1880
Evanston, WY 82930
Attention: Mr. Clyde Thompson
District Ranger

Please reference Exhibit #1 for the proposed access route to the wellsite location.

3) **Location of Existing Wells**

There are presently no existing wells within a one mile radius of the proposed Steel Creek No. 1 wellsite.

4) **Existing Facilities**

There are presently no existing oil/gas facilities nearby. For the drilling of this well, it is not known whether construction of a tank battery or flowline will be necessary. Construction of production facilities will be determined after the testing of the subject well. Your office will be notified by Sundry Notice of the construction of any of the above facilities. Construction of any production facilities will occur within the R.O.W.'s granted by this APD, securing additional R.O.W.'s will not be necessary.

5) **Water Source**

Water to drill this well will be obtained from the East Fork of the Blacks Fork River in Summit County, Utah. Texaco will secure all necessary permits for the use of this water. The water will be pumped or hauled to the location by truck. Drilling a water well will not be necessary. At the time a more specific location to the proposed water source is identified and a water haul route is determined, if it is to be trucked, your office will be notified.

6) **Source on Construction Materials**

Wellsite and access road is designed and will be constructed in accordance with guidelines and standards as required by the United States Forest Service. The location, type and quantities of construction materials are shown on the final "Construction and Use Plan". It is anticipated that construction materials will be obtained from the site. The access road will be constructed

almost entirely from embankment material from the wellsite. No other access roads will be necessary to obtain this material. The ownership of the land which this location and access road falls on is the United States and is under the jurisdiction of the United States Forest Service.

7) **Methods for Handling Waste Disposal**

Cuttings from drilling operations will be pumped into the reserve pit and covered when it is backfilled. The well will be drilled with a closed mud system and all excess drilling fluids will be pumped into a tank, processed and hauled to an approved offsite disposal area. Any produced fluids will be pumped into a tank. Any heavy water flows will be controlled by the drilling fluids.

No trash or solid waste will be placed in the reserve pit. Oil and other fluid hydrocarbons shall not be allowed to accumulate in the reserve pit.

Sewage from the location will be placed in a holding tank and will be hauled by contractors to an approved sanitation disposal area. Garbage will be placed in receptacles and hauled from the location by contractors to an approved sanitation disposal area. Texaco shall dispose of refuse in the proposed manner and will guard the purity of streams and living waters. Proper clean up of the location will be done after the rig is released and moved out.

8) **Ancillary Facilities**

No airstrips will be built. A minimum of two and maximum of four trailer houses will be placed on location. No open pits will be dug to handle sewage. Sewage will be placed in a holding tank and hauled to an approved sanitation disposal area.

9) **Wellsite Layout**

Cuts and fills, position of equipment, rig orientation, parking areas and access road are all shown on Exhibit No. 3 and No. 4. Final design of the wellsite layout is in accordance with the guidelines as stipulated by the U.S.F.S. Completion of wellsite pad fill will be done in accordance with the Method 4 of Section 203.15 of the U.S.F.S. Construction Regulations.

A minimum of 8 inches of topsoil shall be stripped from all areas of the wellsite pad. Topsoil excavated from the building of the pad and reserve pit will be stockpiled adjacent to the well pad. (see Exhibit No.3) If the well is not a producer, the topsoil will be respread over the surface,once the final contour grading

is completed and prior to reclamation of the site. If the well is a producer the topsoil will be spread over the backslopes, outslopes and any disturbed non-traveled areas, prior to seeding.

The reserve pit will be lined as per B.L.M. and U.S.F.S. specifications. After all liquids have evaporated from the pit, the pit will be backfilled as soon as practical and the location cleaned. The pit area will be re-seeded with native vegetation per the B.L.M. and U.S.F.S. recommendations as soon thereafter as weather permits.

During drilling operations the location will be fenced on four sides with fencing comprised of posts and four strands of wire. The fence will remain until the well is plugged and abandoned.

10) **Plans for Reclamation of the Surface**

Upon completions of drilling operations, and when weather conditions permit Texaco will implement an Erosion Control, Revegetation, and Restoration Plan. The reclamation plan is outlined in the following pages, and is drafted to achieve the following objectives.

a. To design and construct minimal facilities which adhere to natural contours and minimize erosion potential.

b. During construction activities to safeguard topsoil in stable areas and to restore disturbed areas to original contours with topsoil as soon as practical.

c. To restore vegetation in disturbed areas to 75% - 85% of adjacent undisturbed coverstands within three growing seasons.

d. Through quantitative monitoring of disturbed areas have a continuing preventative and corrective maintenance program to mitigate erosion, dust and noxious weeds from disturbed areas. Construction activities on this project will commence approximately September 15, 1988 and be completed approximately October 1, 1988. Exhibits are included in the APD which provide maps for the proposed ERRP plan:

Drainage Patters: Exhibit #2 and #3
Two track roads: Exhibit #2
Location and volume of
material stockpiles: Exhibit #3

Texaco Inc. will stand responsible for the design of the subject plan, and its execution and monitoring. Texaco has not selected a professional reclamation specialist, but prior to implementing this plan, a contractor approved by the AO will be selected to execute and monitor this plan.

Erosion control measures, which were addressed in the design of construction areas, were formulated by the consulting engineering firm of Johnson-Fermelia Co, Inc, 1515 9th Street, Rock Springs, Wyoming. The reclamation plan and time frames for implementation are proposed in the following material:

Drill Pad

Texaco does not anticipate any runoff or erosion problems for disturbance resulting from the construction of the subject well pad. The natural slopes in the area of the well pad are 5 to 6% to the northeast. Existing drainage patterns are all located offsite. Controlled runoff will be maintained by interceptor ditches located on the southern portion of the pad, allowing for natural drainage along the east and west sides of the pad to the north. Topsoil will be stockpiled within a stable area adjacent to the pad. It will be piled with gentle slopes to prohibit erosion during the interim storage period. Excess pit soil will be bermed around the reserve pit. Outslopes and backslopes from the pad will be 2:1, and will pose no erosion problems. Upon completion of drilling operations, and when weather conditions permit, spoil soil will be used to backfill the pit, grading to gentle slopes, adhering to the original contours and vegetated for erosion control. Topsoil will be spread in a uniform depth over the disturbed area allowing for normal drainage to occur. Topsoil spread will be of enough depth to allow for the entire pad to be reclaimed at cessation of production. Please reference Exhibit #3 for the locations of erosion controls measures and topsoil location.

Access Road

Texaco does not anticipated any runoff or erosion problems for the disturbance resulting from constructing approximately 800' of new access road. The natural slopes in the area of the road are 5 to 6% slopes to the northeast. Road design places the road on existing contours with approximately one foot of embankment material taken almost entirely from the well pad. Drainage from the road will be to the north and the 2:1 outslopes will not cause erosion problems to the road bed. Two culverts will be placed on the road, one at the intersection of U.S.F.S. Road No. # 065 and the other in an existing drainage approximately 300' away. Grades on the proposed access road are no more than 6%. Due to the mild slopes of the access route, no erosion or sedimentation problems should occur. The topsoil will be left in place with the embankment material for construction to be placed

on top as per U.S.F.S. onsite recommendations. At the time the well site and access road are reclaimed, the embankment material used for construction will be pushed back to the well site for reclamation. Thus the topsoil in the road area will remain in place in natural slopes for reseeding. Reseeding and re-vegetation will be accomplished during the first appropriate growing season after cessation of operations or production.

Dust Control

Texaco Inc. will use water on roads and locations to maintain dust control. Proper compaction and graveling of roadways and locations should minimize fugitive dust. The above measures will be implemented during the construction phase of the project, and will be a continuing aspect of preventative and corrective road maintenance programs conducted by Texaco.

Revegetation and Monitoring

Following the application of topsoil, seedbed preparation will address the physical and chemical characteristics of the topsoil, cultivation measures, water control measures and erosion potential.

Selection of seed mixture is based on the following criteria: moist vegetation types, no salinity problems, high altitude species, allowing for vigorous stands compatible to wildlife pasture lands and being self supporting in nature.

Areas which are to be revegetated are Alpine in character. Tree cover is relatively dense and the undercover is very sparse. The soil in the project is a residual soil derived from the underlying and frequently exposed, Green River Formation. Allowing for the clear cut acres, seed mixture will promote establishing mountainous grasslands. The following mixture is recommended at a rate totaling 16 lbs/acre:

Sender Wheatgrass	3 Lbs PLS/ac
Mountain Broren	2 Lbs PLS/ac
Intermediated Wheatgrass	2 Lbs PLS/ac
Kentucky Bluegrass	2 Lbs PLS/ac
Hardsheep Fescue	1 Lb PLS/ac
Columbian Needlegrass	2 Lbs PLS/ac
Pubscent Wheatgrass	2 Lbs PLS/ac
Cicera Milkfetch	1/2 LB PLS/ac
Utah Sweetfetch	1/2 Lb PLS/ad
Smidfino	1/2 Lb PLS/ac
Mountain Sagebrush	1/2 Lb PLS/ac

Texaco will employ two revegetation techniques in seedbed preparation and seeding as described below:

Technique 1: On areas which are accessible by tractor and have weed growth, compacted, or crusted soil will have seedbed prepared by disking. Prior to disking, areas will be fertilized with 70 lbs available nitrogen and 40 lbs available phosphorous per acre. These fertilization rates may vary depending upon test results of topsoil characteristics. These areas will then be drill seeded with the specified seed mix to a depth of 1/2 to 3/4 inches deep. Weed free straw will be spread uniformly over the seeded area at the rate of 1-1/2 to 2 tons per acre. The straw mulch will then be crimped.

Technique 2: Areas which are not accessible by equipment will be hydroseeded with the specified seed mix. Fiber mulch will be added to the seed slurry at the rate of 300 lbs per acre. Fertilizer will be applied to the seeded area either by hand or hydro methods at the rate of 70 lbs available nitrogen and 40 lbs available phosphorus per acre. The seeded area will then be raked, chained or harrowed to incorporate the seed into the soil. Straw mulch will be uniformly spread over the seeded areas at a rate of 1-1/2 to 2 tons per acre. A solution of 300 lbs fiber and 120 lbs tackifier per acre will then be sprayed over the straw to hold it in place.

Monitoring of the reclaimed sites will be conducted through qualitative and quantitative sampling methods. Interim quantitative monitoring will provide for visually inspecting seeding density to measure how well the seed took. Photo record station of the site pre-disturbance as compared to post reclamation process will be conducted annually. During interim monitoring, corrective action for erosion problems will also be studied. Final monitoring of the site will be qualitative sampling and measurement to determine if acceptable cover-stands have been achieved.

Time Frame for Implementation

The following time frames for implementing the ERRP Plan are as follows:

Sept. 1988 - Construction activities
Oct. 1988 - Jan 1989 Drilling and completion activities
June 1989 - Recontour and grade location and access roads of spoil and topsoil stockpiles.
Sept. 1989 - Seeding prepared seed beds
Sept. 1990 - Interim quantitative monitoring of seeding and erosion, with photo points.
Sept. 1991 - Continues interim monitoring with photo points
Sept. 1992 - Final qualitative monitoring and sampling of seeded areas - pending release by the AO.

Summary

As previously stated in this APD, the location will be entirely fenced, and will remain fenced until the well is plugged and abandoned. When the well is abandoned, reclamation of the site and access roads will be done in accordance with the plan outlined above. Weed control programs on disturbed areas shall be done through hand methods. Where not practical to control by hand, herbicides approved by the AO will be used in accordance with instructions from the AO. Herbicides shall not be permanently stored on these public lands. Any weed control programs implemented will be carefully coordinated as not to inhibit revegetation programs that are in place. Snow management will be maintained by routine plowing during the winter months. No snow fences will be constructed on disturbed areas. Storage of snow removed will be at points determined to minimize potential erosion.

11) **Surface Ownership**

Please be advised that all lands which construction and drilling activities will be conducted on are owned by the United States Forest Services. Please reference Exhibit #1.

12) **General Information**

The primary concern of wildlife, vegetation, surveys, monuments, cultural resources and aesthetic value of the area has been addressed by Texaco in the formulation of all approved plans, and will be implemented by Texaco and its contractors during construction and drilling activities.

Western Wyoming College has conducted an archaeological review of the proposed access route and location. A copy of their report has been forwarded to the B.L.M.

13) **The Operator's Representative is:**

H.M. Meduna, Area Superintendent
Texaco Inc. Producing Department
1515 Ninth Street
P.O. Box 1629
Rock Springs, WY 82901
Telephone: 307/382-6540

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access road; 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 in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 USC 1001 for the filing of a false statement.

August 26, 1988

H.M. Meduna

H.M. Meduna
Area Superintendent
Rock Springs Area

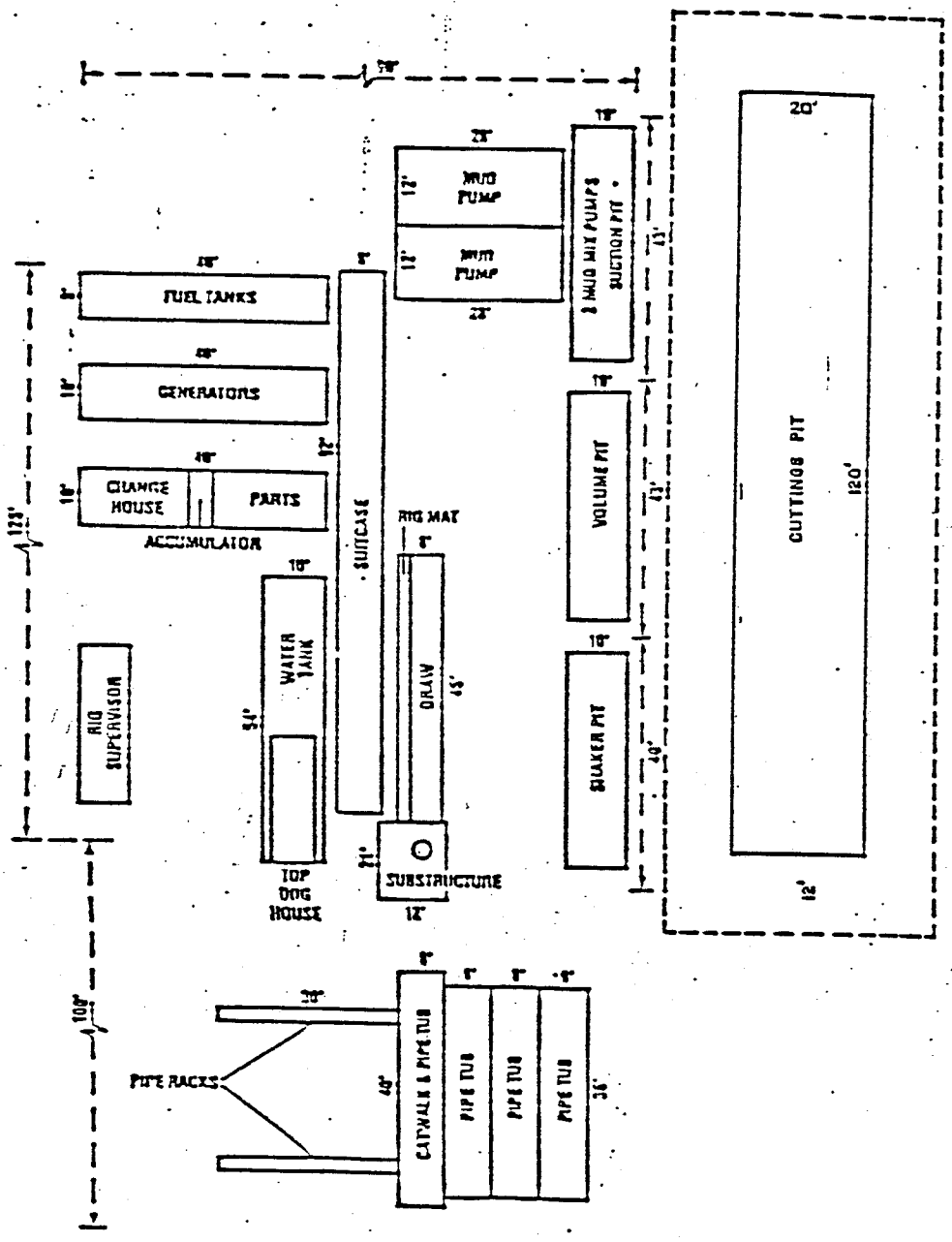


EXHIBIT #4
RIG LAYOUT

B.L.M. Form 3160-3 August 23, 1988

TEXACO, INC. - STEEL CREEK NO. 1

1. The surface formation is the Bridger.

   The estimated tops of important geological markers are:

Formation	Top Depth	Subsea Depth	Minerals
Green River	1,500	+ 7670	
Wasatch	6,100	+ 3070	
Mesa Verde	10,450	- 1280	
Hilliard	13,195	- 4025	
Frontier	14,420	- 5250	
Mowry Shale	14,930	- 5760	
Dakota	15,170	- 6000	Field Pay
Morrison	15,600	- 6430	
T.D.	16,000	- 6830	

2. As shown in "1" above, the estimated depths of anticipated oil and gas:

Formation	Top Depth	Subsea Depth	Minerals
Dakota ss	15,170	- 6000	Field Pay

3. Blowout preventer equipment will be rated at 5000 psi. When installed, and at least every 30 days thereafter, the ram type preventer and related BOP equipment shall be tested at the rated working pressure of the stack or at 85 percent of the minimum internal yield pressure of the casing, whichever is less. Annular-type preventers shall be tested at 50 percent of the rated working pressure. Subsequently, BOP's will be tested to a minimum of 1000 psi when drilling out each casing shoe. In addition, the pipe and blind rams will be activated at the midpoint of each round trip. Exhibit No. 1, attached, is the schematic of the BOP to be used per Texaco Specifications.

4. Casing will be run as follows:

From	To	Casing Diameter	Weight	Grade	Coupling
-0-	500	13-3/8"	48#	H-40	STC
-0-	3,300	9-5/8"	36#	K-55	STC
3,300	4,300	9-5/8"	40#	K-55	STC
4,300	5,300	9-5/8"	40#	N-80	STC
-0-	13,600	5-1/2"	20#	S-95	LTC
13,600	16,000	5-1/2"	20#	P-110	LTC

Note: All strings of casing will be pressure tested to 0.2 psi/ft. or 1000 psi, whichever is greater.

5. The water based mud program will be as follows:

0′ - 8300′	Fresh water mud with gel slugs as necessary to clean hole. M.W. 8.8 - 8.9 ppg
8300′ - 14,200	LSND. Add 2#/bbl asphalt from 8300 - 12,500.
14,200 - T.D.	KCL/Polymer. M.W. 8.9-10.5 ppg VIS 32-38, W.L. 10-15. Use barite for weighting agent.

6. A two-man logging unit will be used from 5,000 to T.D. A kelly cock will be used at all times, and will be checked daily. Stabbing valves, capable of fitting all drill string connections, will be kept on hand and used as required.

Samples will be collected every 30′ from surface to 6,000′ and every 10′ from 6,000′ to T.D. No drill stem tests are planned. Core samples will be taken.

The following logs will be run from surface to T.D.: BHC-Sonic and DLL-MSFL. The following logs will be run from 14,000 to T.D. : NGT-CNL-LDT, Dipmeter, and Lognet.

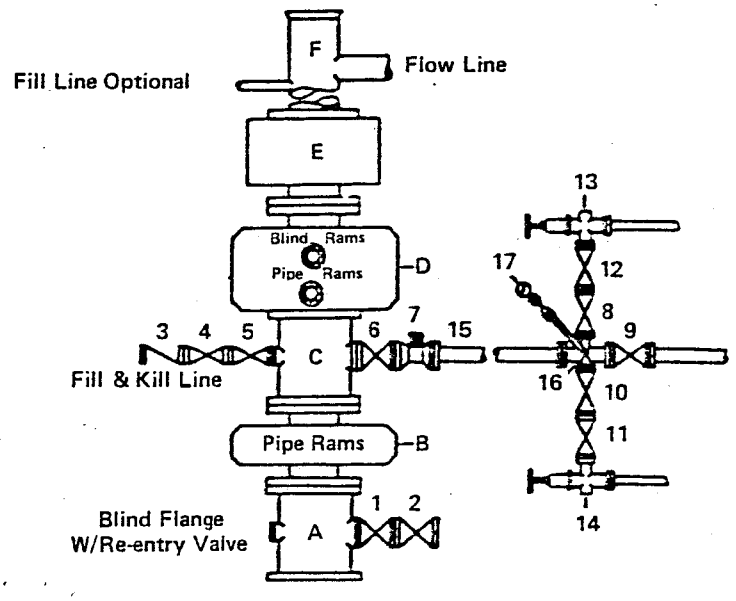
The casing will be set through the pay zone and the well will be perforated and stimulated as required, however we do not have a completion program at this time. Prior approval will be secured when we acidize or frac.

7. There are no abnormal temperatures, pressures, or hazards anticipated on this well. The bottom hole pressure is approximately 7500 psi. There should be no H_2S in the proposed drilling formation.

8. We would like to start work on this location as soon as the approved copy of the Application for Permit to Drill is received. It is anticipated that this well will be spudded in mid-September. Drilling time is expected to be 80 days, and any gas produced during testing will be flared. Texaco does not presently have a drilling contractor for this well.

DRILLING CONTROL

CONDITION IV-B-5000 PSI WP



DRILLING CONTROL

MATERIAL LIST - CONDITION IV

A	Texaco Wellhead
B	5,000# Single Ram Type preventer, hydraulic operated with 1" steel, 5,000# W. P. control lines.
C	5,000# W. P. Drilling Spool with a minimum 2" flanged outlet for kill line and 3" minimum flanged outlet for choke line.
D	5,000# W. P. Dual Ram type preventer, hydraulic operated with 1" steel, 5,000# W. P. control lines.
E	5,000# W. P. Annular Preventer, hydraulic operated with 1" steel, 3,000# W. P. control lines.
F	Bell Nipple with flowline and fill-up outlets (kill line may also be used for fill-up line).
1,2,4,5 6,10,11 12	2" minimum 5,000# W. P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
3	2" minimum 5,000# W. P. back pressure valve.
8,9	3" minimum 5,000# W. P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
7	3" minimum 5,000# W. P. flanged hydraulic valve.
15	3" minimum Schedule 160, Grade B, seamless line pipe.
16	2" minimum x 3" minimum 5,000# W. P. flanged cross.
13,14	2" minimum 5,000# W. P. adjustable chokes with carbide trim.
17	Cameron Mud Gauge or equivalent (location in choke line optional).

TEXACO, INC.
MIDLAND DIVISION
MIDLAND, TEXAS

SCALE	DATE	EST NO	DRG NO
DRAWN BY			
CHECKED BY			
APPROVED BY			

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: TEXACO INC. WELL NAME: STEEL CREEK #1
SECTION: 11 TWP: 2N RNG: 12E LOC: 845 FSL 2541 FWL
QTR/QTR SE/SW COUNTY: SUMMIT FIELD: WILDCAT
SURFACE OWNER:WASATCH NATIONAL FOREST
SPACING: 460'F SECTION LINE 460'F QTR/QTR LINE 920'F ANOTHER WELL
INSPECTOR: BRAD HILL DATE AND TIME: 6/1/88 10:00 AM AND 9/7/88

PARTICIPANTS: FRANK MATTHEWS-STATE OF UTAH; CLYDE THOMPSON, CLARK OSTERGAARD, BENARD ASAY, FRANK McELWAIN, BY HOFFMAN and CRAIG NATHE-USDA WASATCH NATIONAL FOREST; H.L. HOWE-TEXACO; GENE KENT-JOHNSON FERMELIA CO.

REGIONAL SETTING/TOPOGRAPHY: North slope of the Uinta Mountains; location is in a flat, gently sloping area which is just east of a N-S trending ridge and approximately .5 miles west of the east fork of the Blacks Fork River. The ridge to the west rises about 1000 feet in elevation. The original location for this well was part way up the side of the ridge.

LAND USE:

CURRENT SURFACE USE: Recreation, domestic and wildlife grazing. This area was logged at one time and still hasn't fully recovered.
PROPOSED SURFACE DISTURBANCE: A rectangular pad approximately 400'X 175' with an extension 50'X 100' for the reserve pit. About 800' of access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is upslope about .5 miles from the east fork of the Blacks Fork river. There are no active drainages near the location.

FLORA/FAUNA: Scattered (area was logged out) Fir, Lodgepole Pine, Quaking Aspen, Huckleberry and Oregon Grape/ Deer, Elk, Owls, Squirrels, Porcupines and assorted birds and insects.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy loam containing cobbles and boulders.

SURFACE FORMATION & CHARACTERISTICS: Quaternary gravels and alluvium overlying Bridger Formation.

EROSION/SEDIMENTATION/STABILITY: No active erosion or

sedimentation. Area is stable.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Dakota Sandstone/15,170'

ABNORMAL PRESSURES-HIGH AND LOW: None expected

CULTURAL RESOURCES/ARCHAEOLOGY: Checked by Steve Creaseman-Western Wyoming State College 5/31/88

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: As per Forest Service requirements.

RESERVE PIT

CHARACTERISTICS: 100'X 50'X 10'

LINING: To be lined with 12 mil liner. This is to be a closed mud system according to Texaco.

MUD PROGRAM: 0-8300': Fresh water mud/8300-14,200': LSND/14,200-T.D.:KCL-Polymer

DRILLING WATER SUPPLY: East Fork of the Blacks Fork river.

OTHER OBSERVATIONS
The U.S. Forest Service will be closely watching all environmental aspects of this well.

STIPULATIONS FOR APD APPROVAL
Reserve pit is to be lined with a minimum of 12 mil synthetic liner and used in conjunction with a closed mud system.

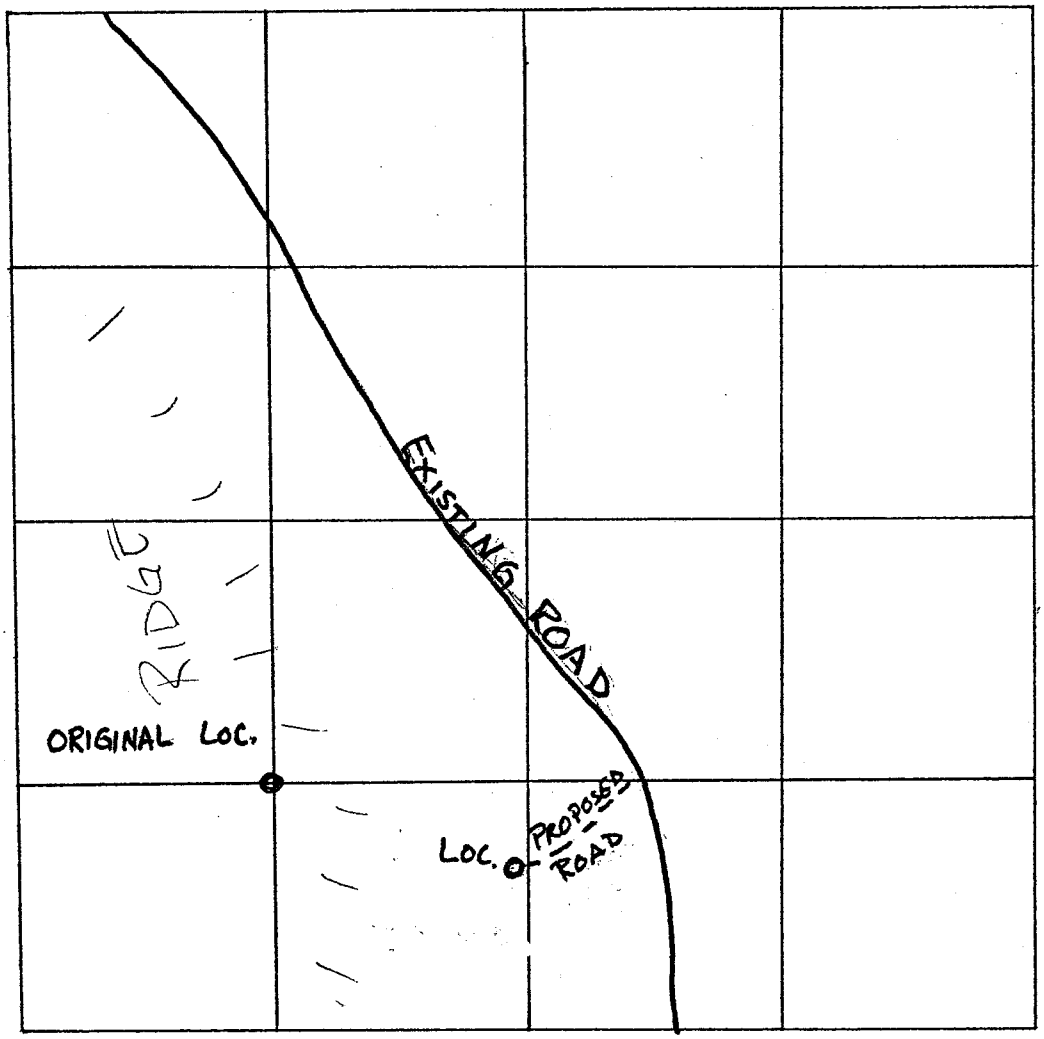
ATTACHMENTS
Section sketch
Location sketch

Photographs will be placed on file.

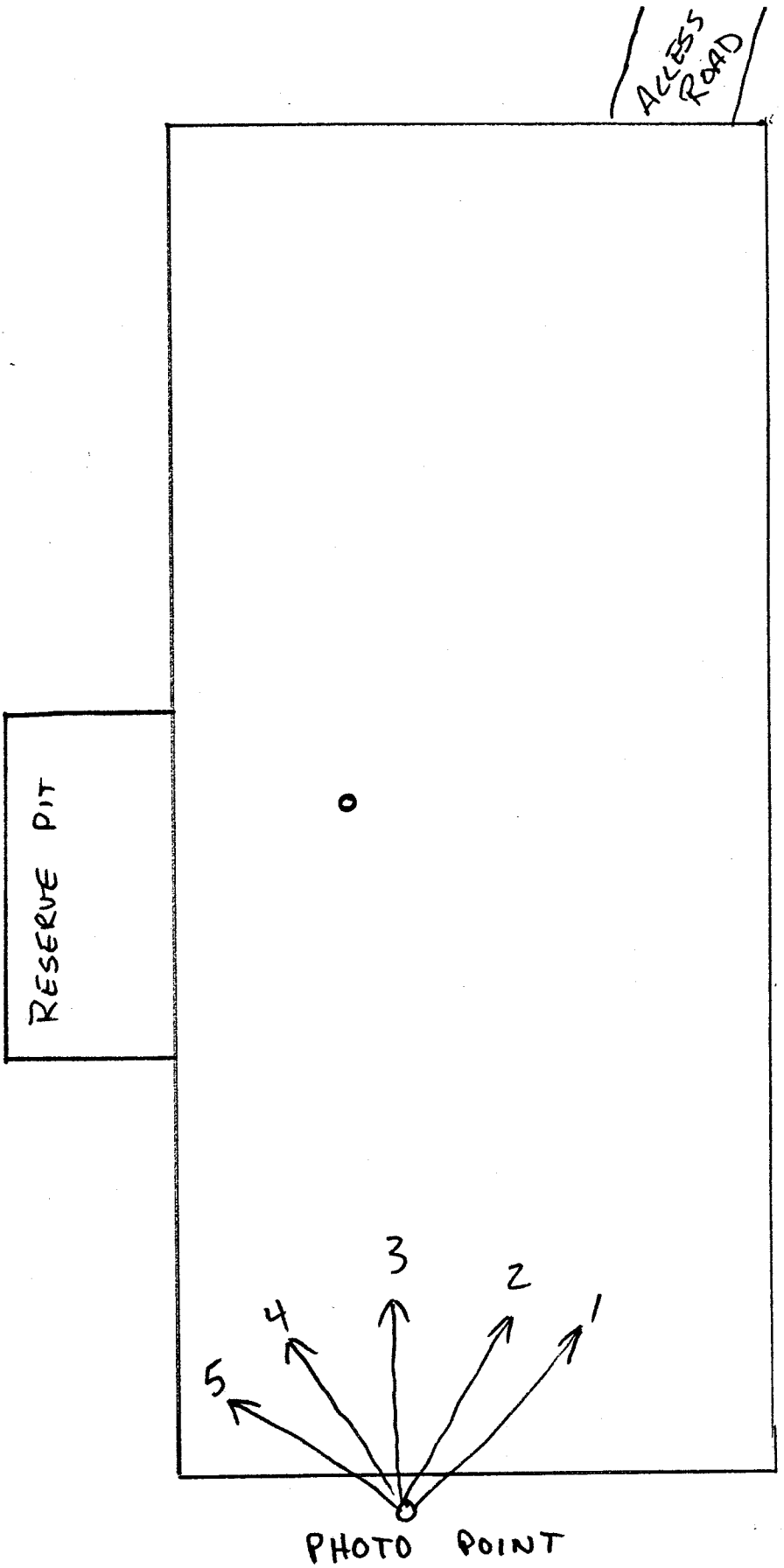
TEXACO STEEL CREEK #1

SECTION 11 TOWNSHIP 2N RANGE 12E COUNTY Summit STATE UT.

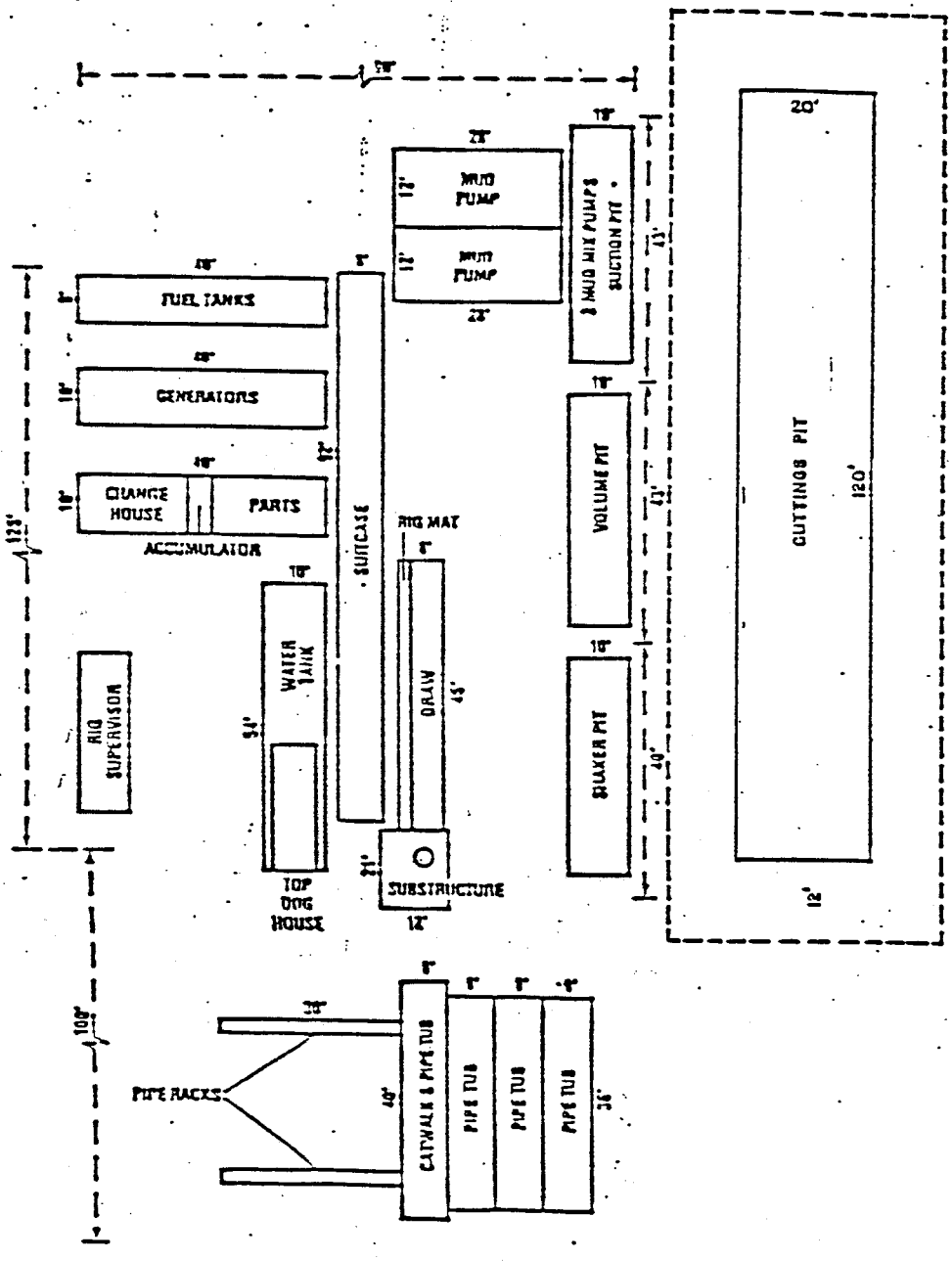
SCALE= 1"=1000'



TENACO STEEL CREEK #1



1" = 100"



Trailer

Trailer

EXHIBIT #4
RIG LAYOUT

4304330092

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas & Mining

OPERATOR: Texaco Inc. WELL NAME: Steel Creek #1

QTR/QTR: SW/4 SECTION: 11 TWP: 2N RANGE: 12E

COUNTY: Summit FIELD: 1320 F S L 1320 F W L

SFC OWNER: Wasatch National Forest LEASE #:

SPACING: 460 F SECTION LINE 460 F QTR/QTR LINE 920 F ANOTHER WELL

INSPECTOR: Brad Hill DATE & TIME: June 1, 1988 10:)) AM

PARTICIPANTS: Frank Matthews-State of Utah; Clyde Thompson, Clark Ostergaard, Bernard Asay, Frank McElwain, By Hoffman & Craig Nathe-USDA Wasatch National Forest; H.L. Howe-Texaco; Gene Kent-Johnson Fermelia Co.

REGIONAL SETTING/TOPOGRAPHY: North slope of the Uinta Mountains-Location is on the east facin slope of a N-S trending ridge and approx. .5 miles west of the East Fork of the Blacks Fork river. The ridge to the west rises about 1000 feet in elevation.

LAND USE

CURRENT SURFACE USE: Recreation, domestic and wildlife grazing.

PROPOSED SURFACE DISTURBANCE: A rectangular shaped pad 350'x175'with an extension for a 100'x50' reserve pit.

About 3000' of road to be built from main road to loc.

AFFECTED FLOODPLAINS AND/OR WETLANDS: Location is upslope about .5 miles from the East Fork of the Blacks Fork. Two small streams run into the Blacks Fork through the SW of Sec. 11.

FLORA/FAUNA: lodgepole pine, Fir, Quaking Aspen, Huckleberry, Oregon Grape--- Deer, Elk, Moose, OWls, Squirrels,Porcupines...

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Loam containing cobbles and boulders.

SURFACE FORMATION & CHARACTERISTICS: Quaternary gravels overlying precambrian Uinta Mountain Group.

EROSION/SEDIMENTATION/STABILITY: Stable with vegetation intact. The hillside where the well is staked is very steep and would be easily eroded on fresh cut surfaces.

SUBSURFACE GEOLOGY

OBJECTIVE(S)/DEPTH(S):

ABNORMAL PRESSURES - HIGH AND LOW: None

CULTURAL RESOURCES/ARCHAEOLOGY: Checked by Steve Creaseman-Western Wyoming College 5/31/88

WATER RESOURCES: Location is upslope .5 miles from the East Fork of the Blacks Fork River. Two small streams run through the SW/4 of sec. 11 and into the Blacks Fork River These streams would not be disturbed by the proposed well.

RESERVE PIT

CHARACTERISTICS: 100'x50'x10'

LINING: To be determined.

MUD PROGRAM:

DRILLING WATER SUPPLY: To be hauled in from a local stream.

OTHER OBSERVATIONS: The location will most likely be changed to accomodate topography and to satisfy US Forest Service stipulations. USFS plans to do an environmental assessment which will probably delay this well for a period of time. Bernard Asay said he will keep us up to date.

STIPULATIONS FOR APD APPROVAL: Reserve pit will be examined by DOGM and USFS prior to use in order to determine if a lining will be required.

ATTACHMENTS

Norman H. Bangerter
Governor
Dale C. Hatch, C.P.A.,J.D.
Director
Michael E. Christensen, Ph.D.
Deputy Director

State of Utah
OFFICE OF PLANNING AND BUDGET

116 State Capitol Building
Salt Lake City, Utah 84114
(801) 538-1027

September 16, 1988

Mr. John Baza
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

SUBJECT: Texaco, Inc. Wildcat Well, the Steel Creek Unit #1, Summit County
State Application Identifier #UT880901-010

Dear Mr. Baza:

The Resource Development Coordinating Committee of the State of Utah has reviewed this proposed action and the Division of State History comments:

An archaeological and historical survey was conducted for the above referenced project by Western Wyoming College. The survey recorded 42Sm149 and recommended it eligible for the National Register of Historic Places. They further recommended to the Forest Service that this site and two other previously recorded historic properties not evaluated for National Register status be avoided by the project. Our office concurred in these recommendations.

Provided these sites are avoided by project activities there will be no impact to historic properties. The Division of Oil, Gas, and Mining can use this information in making any further recommendations on the project.

The above has been provided on request as outlined by 36 CFR 800 or Utah Code, Title 63-18-37. The Utah SHPO makes no regulatory requirement in this matter. If you require any further information or assistance, please contact Diana Christensen at (801) 533-7039.

The Committee appreciates the opportunity of reviewing this document. Please address any other questions regarding this correspondence to Carolyn Wright (801) 538-1535.

Sincerely,

Michael E. Christensen

Michael E. Christensen
Deputy Director

MEC/jw

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)

3. APPROXIMATE DATE PROJECT WILL START:
Sept. 15, 1988

4. AREAWIDE CLEARING HOUSE(s) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Mountainland Association of Governments

5. TYPE OF ACTION: /_/ Lease /X/ Permit /_/ License /_/ Land Aquisition
/_/ Land Sale /_/ Land Exchange /_/ Other_____

6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill

7. DESCRIPTION:
Texaco Inc. proposes to drill a wildcat well, the Steel Creek Unit #1, on a private lease in Summit County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this case and must issue approval to drill before operations can commence.

8. LAND AFFECTED (site location map required) (indicate county)
SE/4, SW/4, Section 11, Township 2 North, Range 12 East, Summit County, Utah

9. HAS THE LOCAL GOVERNMENT(s) BEEN CONTACTED?
Unknown

10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities.

11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
Jim Thompson, Salt Lake City, 538-5340

12. FOR FURTHER INFORMATION, CONTACT:
John Baza
PHONE: 538-5340

13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
John R. Baza
DATE: 8/30/88 Petroleum Engineer

RECEIVED
SEP 06 1988
WATER RIGHTS
SALT LAKE

FILING FOR WATER IN THE STATE OF UTAH

RECEIVED
SEP 09 1988
WATER RIGHTS
SALT LAKE

Rec. by
Fee Rec. 30.00
Receipt # 24943
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 Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

RECEIVED
OCT 07 1988
DIVISION OF
OIL, GAS & MINING

* WATER RIGHT NO. 41 - 3417 APPLICATION NO. T63547

1. *PRIORITY OF RIGHT: _____ * FILING DATE: _____

2. OWNER INFORMATION
Name(s): Texaco Inc. * Interest: _____ %
Address: P.O. Box 1629
City: Rock Springs State: WY Zip Code: 82901
Is the land owned by the applicant? Yes _____ No X
(If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: _____ cfs and/or 8.0 ac-ft

4. SOURCE: West Fork of Blacks Fork River * DRAINAGE: _____
which is tributary to _____
which is tributary to _____
POINT(S) OF DIVERSON: COUNTY: Summit
X N 32 E - 1000' from the SW corner of Sec. 34, T3N-R12E, SLB&M
N.848 E.530
Description of Diverting Works: pumped into tank trucks
* COMMON DESCRIPTION: _____

5. POINT(S) OF REDIVERSION
The water will be rediverted from _____ at a point:
Description of Rediverting Works: _____

6. POINT(S) OF RETURN
The amount of water consumed will be _____ cfs or _____ ac-ft
The amount of water returned will be _____ cfs or _____ ac-ft
The water will be returned to the natural stream/source at a point(s): _____

7. STORAGE
Reservoir Name: _____ Storage Period: from _____ to _____
Capacity: _____ ac-ft. Inundated Area: _____ acres
Height of dam: _____ feet
Legal description of inundated area by 40 acre tract(s): _____

* These items are to be completed by the Division of Water Rights

Appropriate

8. List any other water rights which will supplement this application _____

9. **NATURE AND PERIOD OF USE**

Irrigation:	From _____ to _____
Stockwatering:	From _____ to _____
Domestic:	From _____ to _____
Municipal:	From _____ to _____
Mining:	From _____ to _____
Power:	From _____ to _____
Other: Oil Recovery	From 9-15-88 to 9-15-89

10. **PURPOSE AND EXTENT OF USE**

Irrigation: _____ acres. Sole supply of _____ acres.
Stockwatering (number and kind): _____
Domestic: _____ Families and/or _____ Persons
Municipal (name): _____
Mining: _____ Mining District in the _____ Mine
Ores mined: _____
Power: Plant name: _____ Type: _____ Capacity: _____
Other (describe): Oil recovery - drilling & completion of Steel Creek #1

11. **PLACE OF USE**

Legal description of place of use by 40 acre tract(s): Sec. 11, T2N-R12E, SE,SW, Summit County, Utah. 845' FSL & 2541' FWL.
43-043-30292
(Steel Creek No. 1)

12. **EXPLANATORY**

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of same size if necessary): exploration of oil and gas.

****

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

H. M. Medina
Signature of Applicant(s)

STATE ENGINEER'S ENDORSEMENT

WATER RIGHT NUMBER: 41 - 3417 APPLICATION NO. T63547

1. September 16, 1988 Application received.

2. October 6, 1988 Application designated for APPROVAL by RWL and KLJ.

3. Comments:

Conditions:
This application is hereby APPROVED, dated October 6, 1988, subject to prior rights and this application will expire on October 6, 1989.

Robert L. Morgan, P.E.
State Engineer

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.: 90064

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
OCT 17 1988
DIVISION OF OIL, GAS & MINING

1. OIL WELL ☐ GAS WELL ☒ OTHER WILDCAT

7. UNIT AGREEMENT NAME: STEEL CREEK

2. NAME OF OPERATOR: TEXACO INC. as operator for TEXACO PROD. INC.

8. FARM OR LEASE NAME: TPI ETAL/UPRC NCT-1

3. ADDRESS OF OPERATOR: P.O. Box 1629, Rock Spirngs, WY 82901

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 845' FSL and 2541' FWL Sec. 11 SESW

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 11 T2N-R12E

14. PERMIT NO.: 43-043-30292

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 9203 Ungraded ground

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropnate 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) Revision to ~~Add~~ APD			XX	(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.)*

Please be advised that the casing program submitted on the APD dated 8-23-88 has been revised to:

SIZE OF HOLE	SIZE OF CASING	#/ ft	SETTING DEPTH	CEMENT
PR111 W/17½" open to 26"	20"	94# H-40	500'	Cement to surface with class "G"
12¼"	9 5/8"	40# N-80	5420'	Cement to surface in 2 stages. Class "G" to 500' above shoe. Lite to surface.
12¼"	9 5/8"	40# S-95	7600'	
12¼"	9 5/8"	43.5# S-95	8600'	
8 3/4" to 8½"	5½"	17# P-110	5960'	Cement to 500' above uppermost Frontier with class "H" Place centralizers on every other joint from T
8 3/4" to 8½"	5½"	17# S-95	11000'	
8 3/4" to 8½"	5½"	20# S-95	16000'	

Texaco will be using a 3000 PSI BOP on the 20" casing and a 5000 PSI BOP on the 9 5/8" casing. This represents all revisions to the APD dated- 8-23-88.

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

SIGNED H.M. Medina TITLE Area Superintendent DATE 10-14-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

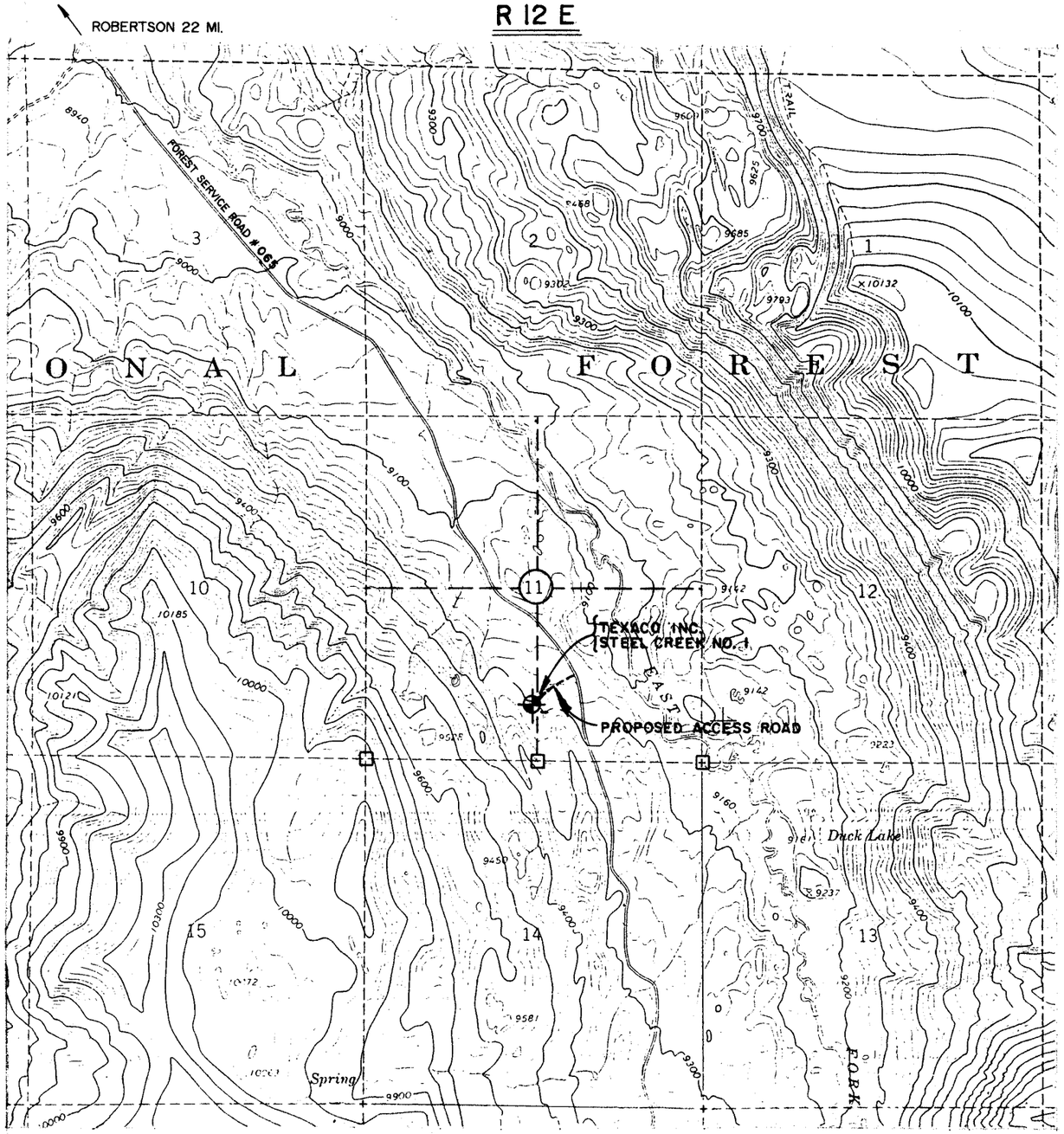
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10-26-88
BY: John R. Baza

UNR(2)-USFS(2)-HMM

*See Instructions on Reverse Side

R 12 E

T 2 N



VICINITY MAP

0 2000 4000

NOTES:

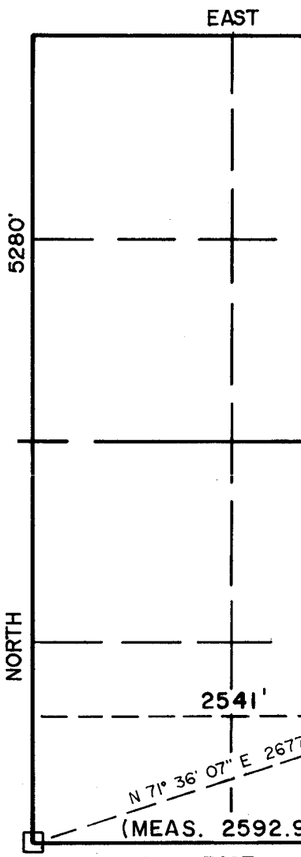
⊕ STONE CORNERS LOCATED

B.M. – BRIDGE ACROSS WEST FORK BLACKS FORK IN SECTION 34, T3N, R12E - EL. 8890'

U.S.G.S. QUAD – LYMAN LAKE, UTAH

REFERENCE POINTS

LOCATION	ELEV.
200' NORTH	9195'
200' EAST	9200'
200' SOUTH	9210'
200' WEST	9213'



CERTIFICATE OF SURVEYOR

STATE OF WYOMING
COUNTY OF SWEETWATER S.S.

I, JOSEPH W. MANATOS of Rock Springs, Wyoming do hereby certify that this map was made from field notes taken during an actual survey of the well location made for TEXACO INC. on June 13, 1988.

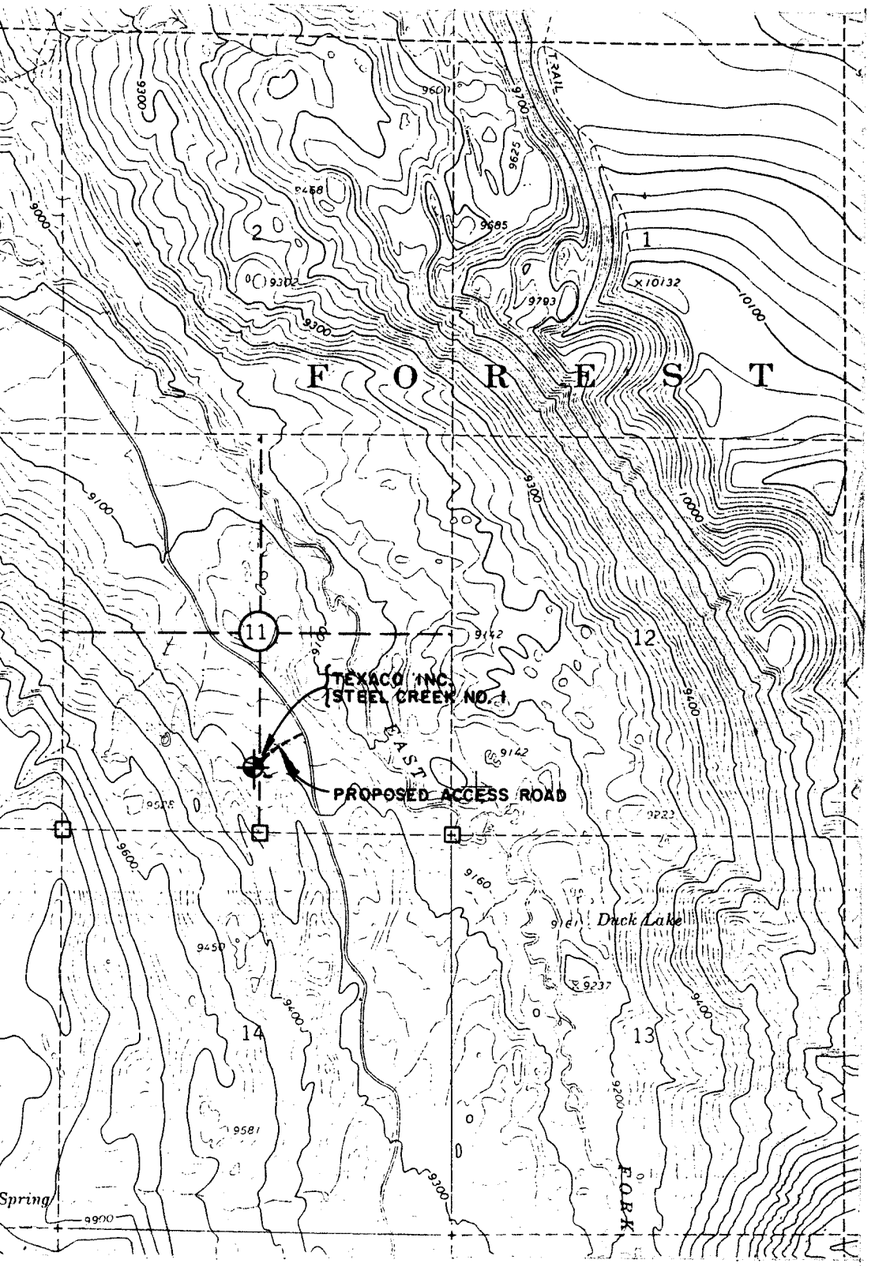
Joseph W. Manatos

UTAH R.L.S. NO. 4806

REGISTERD LAND SURVEYOR
4806
JOSEPH W.
MANATOS
STATE OF UTAH

LANNAN'S SUPPLY CO. 112885
SHERIDAN, WY

R 12 E



VICINITY MAP

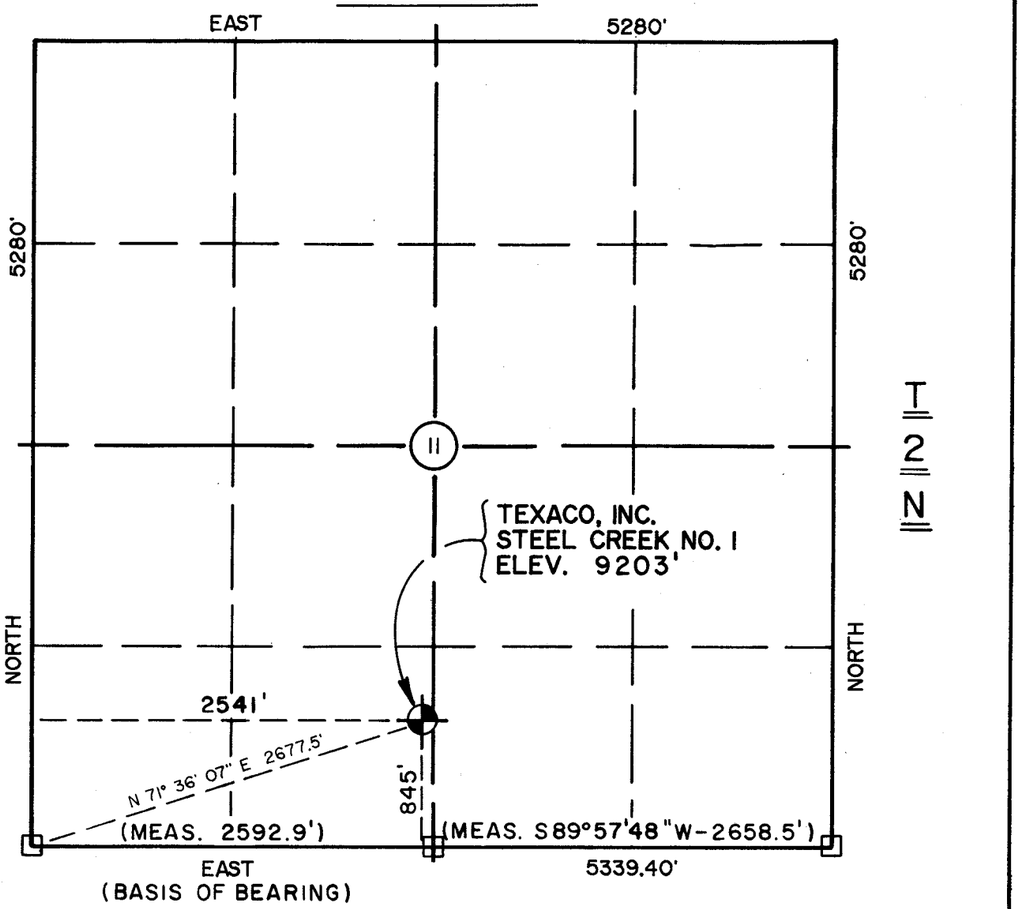
0 2000 4000

FORK IN SECTION 34, T3N, R12E - EL. 8890'

REFERENCE POINTS

LOCATION	ELEV.
200' NORTH	9195'
200' EAST	9200'
200' SOUTH	9210'
200' WEST	9213'

R 12 E



LOCATION MAP

0 1000 2000

CERTIFICATE OF SURVEYOR

STATE OF WYOMING
COUNTY OF SWEETWATER S.S.

I, JOSEPH W. MANATOS of Rock Springs, Wyoming do hereby certify that this map was made from field notes taken during an actual survey of the well location made for TEXACO, INC. on June 13, 1988.

Joseph W. Manatos
UTAH R.L.S. NO. 4806

REGISTERD LAND SURVEYOR
4806
JOSEPH W.
MANATOS
STATE OF UTAH

MAP
SHOWING WELL LOCATION
FOR
TEXACO, INC.

STEEL CREEK NO. 1

SW 1/4, SECTION 11,
T 2 N - R 12 E
SUMMIT COUNTY, UTAH

JOHNSON - FERMELIA COMPANY, INC.
ROCK SPRINGS, WYOMING

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

RECEIVED
NOV 07 1988
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Texaco Inc., as Operator for Texaco Producing Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1629, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
825' FSL & 2534' FWL
SE SW, Section 11

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Steel Creek

8. FARM OR LEASE NAME
TPI ETAL/UPRC NCT-1 Wel

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T2N-R12E

14. PERMIT NO.

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

12. COUNTY OR PARISH: Summit

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) Revision to APD	☐			(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.)*

Please be advised that Texaco has moved the subject location.

The new location is as follows:

825' FSL & 2534' FWL
Sec. 11, T2N-R12E
SE SW, Section 11

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11-10-88
BY: John R. Baza

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

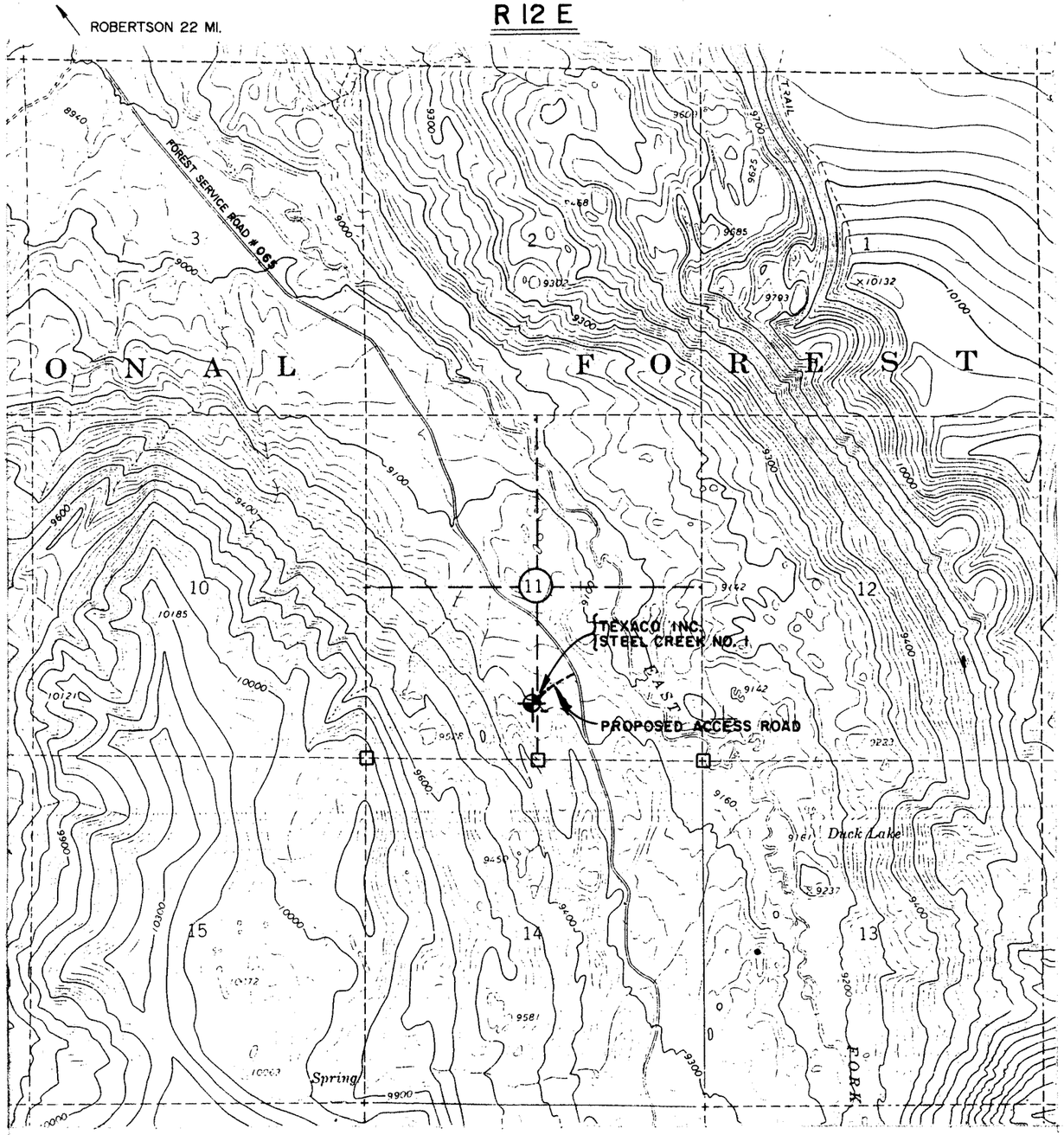
SIGNED H. M. Medina TITLE Area Supt. DATE 11-2-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
UNR(2)-USFS(2)-HMM

*See Instructions on Reverse Side



VICINITY MAP

0 2000 4000

NOTES:

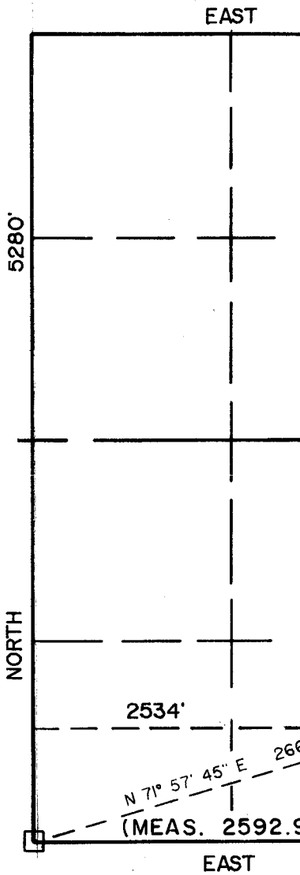
⊕ STONE CORNERS LOCATED

B.M. – BRIDGE ACROSS WEST FORK BLACKS FORK IN SECTION 34, T3N, R12E - EL. 8890'

U.S.G.S. QUAD – LYMAN LAKE, UTAH

REFERENCE POINTS

LOCATION	ELEV.



CERTIFICATE OF SURVEYOR

STATE OF WYOMING
COUNTY OF SWEETWATER S.S.

I, JOSEPH W. MANATOS of Rock Springs, Wyoming do hereby certify that this map was made from field notes taken during an actual survey of the well location made for TEXACO, INC. on June 13, 1988.

Joseph W. Manatos

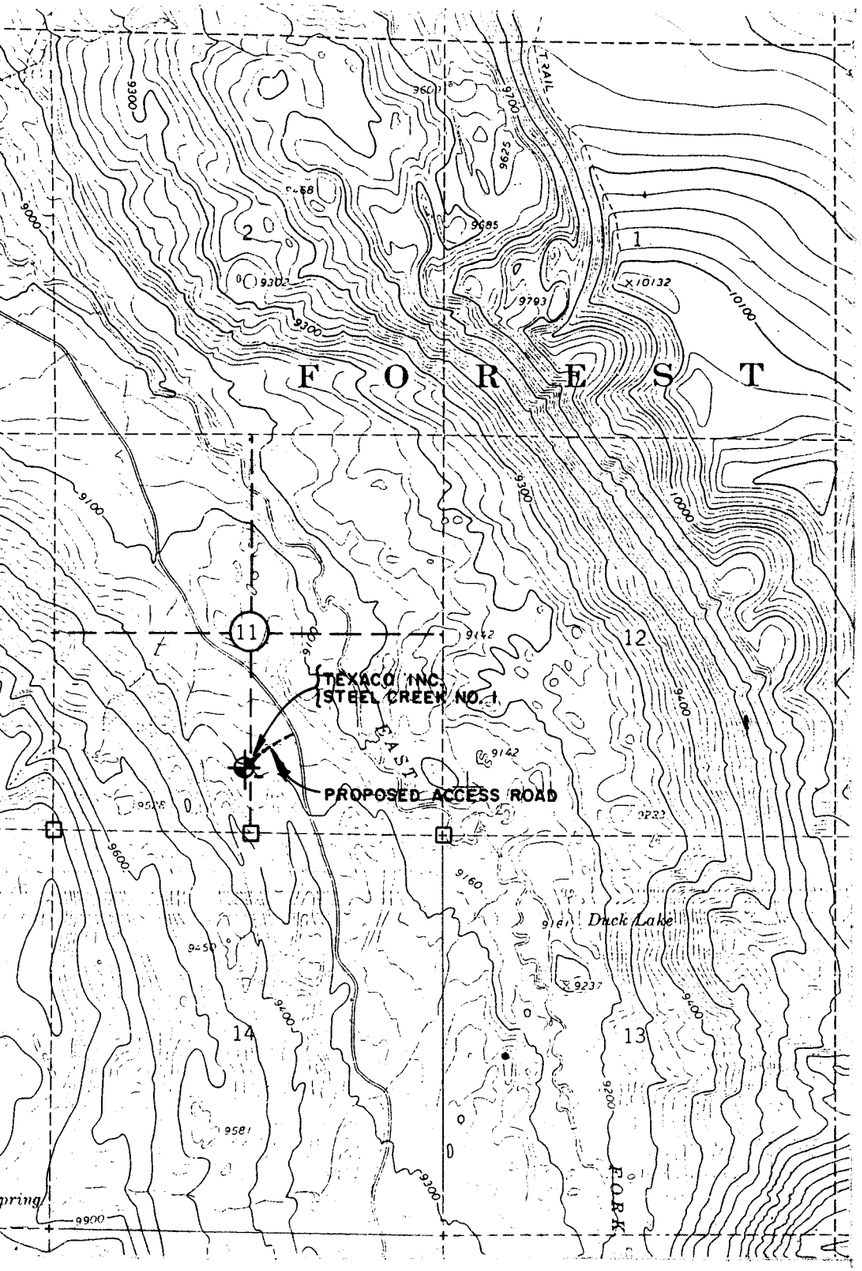
UTAH R.L.S. NO. 4806

REVISED 10 / 31 / 88 Jwm UTAH R.L.S. 4806

REGISTERD LAND SURVEYOR
4806
JOSEPH W.
MANATOS
STATE OF UTAH

LANNAN'S SUPPLY CO. 112885
SHERIDAN, WY

R 12 E



VICINITY MAP

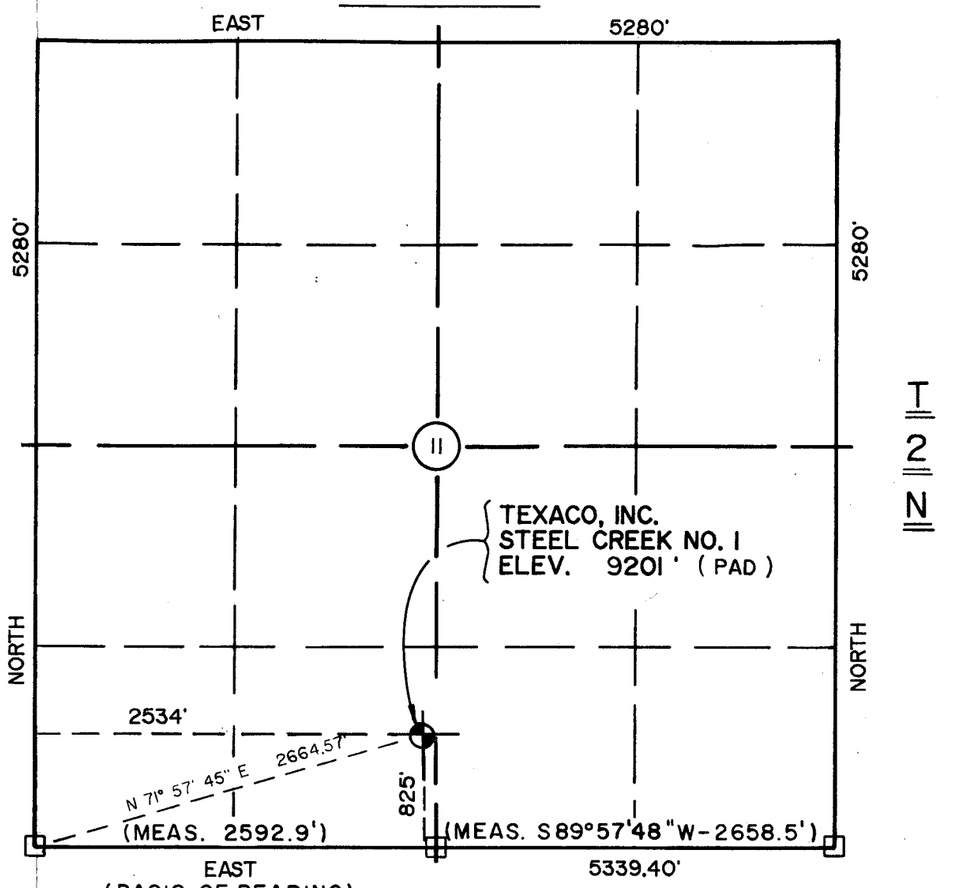
0 2000 4000

FORK IN SECTION 34, T3N, R12E - EL. 8890'

REFERENCE POINTS

LOCATION	ELEV.

R 12 E



T 2 N

LOCATION MAP

0 1000 2000

RECEIVED
NOV 07 1988
DIVISION OF
OIL, GAS & MINING

CERTIFICATE OF SURVEYOR

STATE OF WYOMING
COUNTY OF SWEETWATER S.S.

I, JOSEPH W. MANATOS of Rock Springs, Wyoming do hereby certify that this map was made from field notes taken during an actual survey of the well location made for TEXACO, INC. on June 13, 1988.

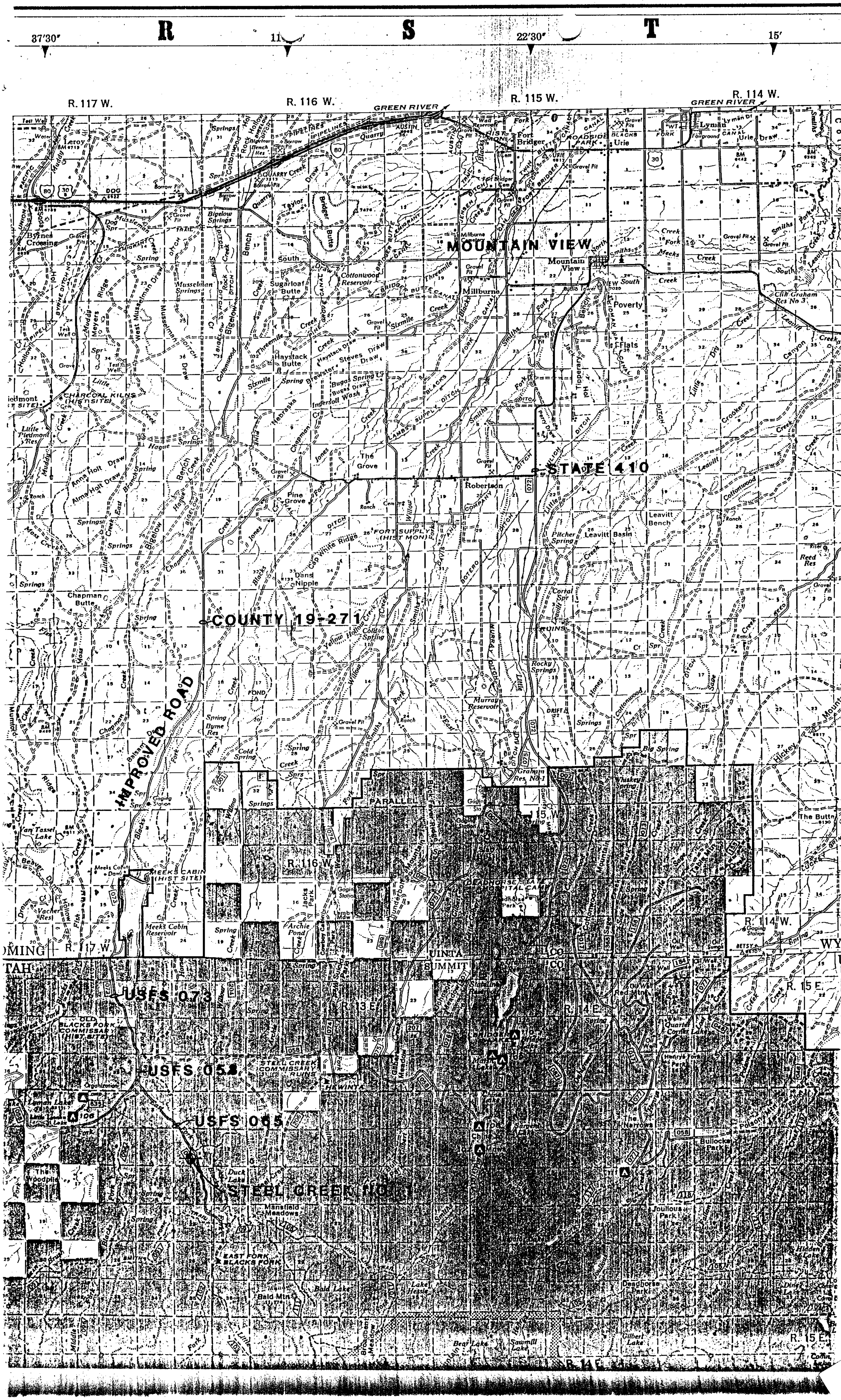
Joseph W. Manatos
UTAH R.L.S. NO. 4806
REVISED 10 / 31 / 88 Jwm UTAH R.L.S. 4806

REGISTERD LAND SURVEYOR
4806
JOSEPH W.
MANATOS
STATE OF UTAH

MAP
SHOWING WELL LOCATION
FOR
TEXACO, INC.
STEEL CREEK NO. 1

825' FSL, 2534' FWL
SE 1/4 SW 1/4, SEC. 11, T 2 N, R 12 E
SUMMIT COUNTY, UTAH

JOHNSON - FERMELIA COMPANY, INC.
ROCK SPRINGS, WYOMING



R
S
T
37'30"
22'30"
15'
R. 117 W.
R. 116 W.
R. 115 W.
R. 114 W.
GREEN RIVER
Fort Bridger
Lyman
Urie
Leroy
Byrnes Crossing
MOUNTAIN VIEW
Mountain View
Millburne
Sugarloaf Butte
Cottonwood Reservoir
Haystack Butte
Poverty Flats
CHARCOAL KILNS (HIST SITE)
Little Piedmont Res
STATE 410
Robertson
The Grove
Pine Grove
FORT SUPPLY (HIST MON)
Leavitt Bench
Leavitt Basin
Pitcher Spring
Dans Nipple
Chapman Butte
COUNTY 19-271
Rocky Springs
Murray Reservoir
IMPROVED ROAD
Byrne Res
Graham Res No 1
Van Tassel Lake
MEEKS CABIN (HIST SITE)
Meeks Cabin Reservoir
Jacks Park
Archie Pond
UINTA
SUMMIT
R. 114 W.
WYOMING
UTAH
USFS 073
OLD BLACKS FORK COMMISSARY (HIST SITE)
USFS 058
STEEL CREEK COMMISSARY RUINS
USFS 065
Lyman Lake
Duck Lake
STEEL CREEK NO. 1
Mansfield Meadows
EAST FORK BLACKS FORK
Bald Lake
Bald Mtn
Bear Lake
Sawmill Lake
Gilbert Lake
The Narrows
Bullocks Park
Hidden Lake
R. 15 E.
R. 14 E.

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

RECEIVED
NOV 14 1988
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Texaco Inc., as Operator for Texaco Producing Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1629, Rock Spirngs, WY 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
825' FSL & 2534' FWL
SE SW, Section 11

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Steel Creek

8. FARM OR LEASE NAME
TPI ETAL/UPRC NCT-1 Well

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T2N-R12E

14. PERMIT NO.
43-043-30292

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

12. COUNTY OR PARISH
Summit

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

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

As per phone conversation with John Berrier and Texaco's Mike Videtich please be advised that the conductor hole was spudded on Oct 28, 1988.

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

SIGNED H.M. Medina TITLE Area Superintendent DATE Novmebr 10,1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNR(2)-USFS(2)-HMM

*See Instructions on Reverse Side

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

COMPANY NAME: Texaco 43-043-30292

WELL NAME: Steel Creek #1

QTR/QTR ____ SECTION 11 TOWNSHIP 2N RANGE 12E

CEMENTING COMPANY: Dowell/Schlumberger WELL SIGN ✓

INSPECTOR: JM + JT DATE: 11-30-88

CEMENTING OPERATIONS:

PLUGBACK: ____ SQUEEZE: ____ CASING: 1 P-A ZONE: ____

SURFACE CASING: ✓ INTERMEDIATE ____ PROD CASING: ____

PERFORATIONS ____ SQUEEZE PRESSURE ____

CASING INFORMATION:

SIZE 20" GRADE: H-40 HOLE SIZE: 26" DEPTH: 497'

SLURRY INFORMATION:

1. CLASS: G
   LEAD: w/¼#/SK D-21 + 2% CaCl2 TAIL: ____
2. SLURRY WEIGHT:
   LEAD: 15.8 TAIL: ____
3. WATER (GAL/SK)
   LEAD: ____ TAIL: ____
4. COMPRESSIVE STRENGTH
   PSI @ ____ HR ____

PIPE CENTRALIZED ✓ CEMENTING STAGES 1

LOST RETURNS No REGAIN RETURNS ____ BARRELS LOST ____

TOP OF CEMENT Surface PERF INTERVAL ____

CEMENT TO SURFACE? ✓

ADDITIONAL COMMENTS: Circ. 134 bbls of cmt. or 305 sacks. Good cmt. job. Drilled 17½" hole to 500' Ran Hole 26" opener to 497' Ran float collar + Guide Shoe 1st appt. Montgomery Rig #9

0451T

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - DOGM FORM 6

RECEIVED
DEC 02 1988
DIVISION OF
OIL, GAS & MINING

N0980

OPERATOR Texaco Inc. For Texaco Producing Inc
OPERATOR CODE ~~N8140~~

ADDRESS P.O. Box 1629
Rock Springs, WY 82901

PHONE NO. (307) 382-6540

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	10953	43-043-30292	TPI ETAL / UPRC NCT-1	SE,SW	11	2N	12E	Summit	10-28-88	

COMMENTS: Fee-lease
Not in a Unit
Field-Wildcat
Proposed Zone - Morrison
(only well in sec. 11. Assign new entity 10953 on 12-5-88.)
JCR

COMMENTS:

COMMENTS:

COMMENTS:

COMMENTS:

ACTION CODES:
A - ESTABLISH NEW ENTITY FOR NEW WELL
B - ADD NEW WELL TO EXISTING ENTITY
C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
E - OTHER (EXPLAIN IN COMMENTS SECTION)
(SEE INSTRUCTIONS)

K.M. Medina
SIGNATURE

Area Supt.
TITLE

11-29-88
DATE

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: TEXACO INC REPRESENTATIVE: Jerry Blair

WELL NAME: Steel Creek #1 API# 43-043-30292

QTR/QTR SE/SW SECTION 11 WELLSIGN ✓ TWP 2N RANGE 12E

INSPECTOR: Frank Matthews DATE: 12-2-88

DRILLING CONTRACTOR Montgomery RIG # 49

RIG OPERATIONS: Nipping up on 20" Surface CASING

DEPTH 500' LAST CASING 20" #40 94# @ 500'

TEST BY Double Jack WATER + methanol MUD

PRESSURE RATING OF STACK 3000 psi H2S RATED N

TEST PRESSURES 3000/ KELLYCOCK: UPPER ✓ LOWER ✓

INSIDE BOP ✓ FULL OPENING VALVE ON FLOOR ✓

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR ✓

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. Annular
2. Blind Rams
3. Pipe Rams
4. Drilling Spool
5.
6.

ADDITIONAL COMMENTS: Check valve on Kill line side of spool did not test. + Lower Kelly cock on Kelly did not test. All other BOP equip tested to 3000psi for 15 min. Will repair + install equip that did not test as soon as possible

REPORTED BY: Jerry Blair PHONE: 307-782-3478 Rig phone

DATE: 12-2-88 SIGNED: FM Matthews

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

0451T

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Steel Creek

2. NAME OF OPERATOR: Texaco Inc.-as operator for Texaco Producing Inc. ATTN:H.M.Meduna

8. FARM OR LEASE NAME: TPI ETAL/UPRC NCT-1

3. ADDRESS OF OPERATOR: P.O. Box 1629, Rock Springs, WY 82901

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 825' FSL and 2534' FWL SE SW Sec. 11

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 11, T2N-R12E

14. PERMIT NO.: 43-043-30292

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 9229.6 KB

12. COUNTY OR PARISH: Summit

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) Surface Casing			
(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.)*

11-30-88 Ran 12 joints of 20", 94# / ft, H-40 Buttress casing. Landed at 492'. Cement with 1310 sx of Class "G", bump plug-float held, good circulation. 126 bbls. of cement to surface.

12-02-88 Test BOP to 3000 PSI.

12-03-88 Test casing to 1000 PSI, ok.

RECEIVED
DEC 21 1988
DIVISION OF
OIL, GAS & MINING

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

SIGNED H.M. Meduna TITLE Area Superintendent DATE 12-15-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNR(2)-USFS(2)-HMM

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: TEXACO Inc REPRESENTATIVE: Jerry Blair

WELL NAME: Steel Creek #1 API# 43-043-30292

QTR/QTR SE/SW SECTION 11 WELLSIGN ✓ TWP 2N RANGE 12E

INSPECTOR: John Berrier & Mike Laine DATE: 1-11-89

DRILLING CONTRACTOR Montgomery RIG # 49

RIG OPERATIONS: Nipping up on 9 5/8" Csg

DEPTH 8635' LAST CASING 9 5/8 53.5# S-95 @ 8635

TEST BY John Berrier & Mike Laine WATER & Methanol MUD

PRESSURE RATING OF STACK 5000 # H2S RATED N

TEST PRESSURES 5000 Hydril - 1500 # KELLYCOCK: UPPER 5000 # LOWER 5000 #

INSIDE BOP N/A FULL OPENING VALVE ON FLOOR ✓

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR ✓

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. Annular DV @ 2024'
2. Blind Rams
3. Pipe Rams - (UPPER)
4. Drilling Spool
5. Pipe Rams (Lower)
6. Drilling Spool (Blanked off)

ADDITIONAL COMMENTS: UPPER & Lower Pipe Rams would not hold. Test. Leak in Gasket on Lower pipe ram Gate (Door) Repaired all used PKR setting csg due to wrong plug size for wellhead. All Tested OK.

REPORTED BY: Jerry Blair PHONE: 307-782-3478

DATE: 1-11-89 SIGNED: John Berrier & Mike Laine

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

0451T

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
JAN 17 1989
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME: Steel Creek

2. NAME OF OPERATOR: Texaco Inc. Producing Dept. ATTTN: H.M. Medina

8. FARM OR LEASE NAME: TPI ETAL/UPRC NCT-1

3. ADDRESS OF OPERATOR: P.O. Box 1629 ROck SPrings, WY 82901

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 825' FSL and 2534' FWL SE, SW Sec. 11

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 12, T2N-R12E

14. PERMIT NO.: 43-043-30292

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 9229.6' KB

12. COUNTY OR PARISH: Summit

13. STATE: Utah

MICROFILM
FILE

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) Intermediate Casing			XX
(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.)*

1-8-89 Run 212 joints of 9 5/8" casing , S-95, 53.5#, LT&C to 8042: Set at 8635: Set float collar at 8502' and DV at 2000'.

1-9-89 Cement first stage: pump 20 bbls flush, lead with 110 sx lite. Tail with 190 sx class "G". Displace with 611 bbls mud. Did not bump plug, floats held. Open DV and circulate. Avg. rate 6.5 BPM at 450 psi. Cement second stage: Pump 20 bbls flush, lead with 1550 sx lite and displace with 144 bbls mud. Close DV tool with 1600 psi. Lost circulation pumping 1075 sx. Avg rate 2 BPM at 400 psi. Cement top at 910', pump 350 sx class "G" down backside. Full returns.

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

SIGNED H.M. Medina TITLE Area Superintendent DATE 01-12-89

(This space for Federal or State office use)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: Texaco Inc. TPI-UPR NCT-1 #1 REPRESENTATIVE: Jerry Blais

WELL NAME: Steel Creek #1 API# 43-043-30292

QTR/QTR SE/SW SECTION 11 WELLSIGN ✓ TWP 2N RANGE 12E

INSPECTOR: John Bereier DATE: 2-10-89

DRILLING CONTRACTOR Montgomery RIG # 49

RIG OPERATIONS: Checking Drill Collars after Fishing Job.

DEPTH _____ LAST CASING ~~9 5/8" 53.5# S-95~~ @ ~~8635~~

TEST BY Double Jack Testing Service WATER & Methanol MUD _____

PRESSURE RATING OF STACK 5000# H2S RATED N

TEST PRESSURES 5000 / ~~Hydril~~ 1500 KELLYCOCK: UPPER 5000 LOWER 5000

INSIDE BOP ✓ FULL OPENING VALVE ON FLOOR ✓

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR Need to Replace.

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. Annular DV @ 2024'
2. Blind Rams.
3. Pipe Rams. (upper)
4. Drlg. Spool.
5. Pipe Rams (Lower)
6. Drilling Spool. (Blanked off)

ADDITIONAL COMMENTS: Manifold all Tested ok to 5000 psi 15 min. Hydril Tested to 1500 psi/15 min. All other Equip Tested to 5000 psi 15 min - OK - Wrench will Be Replaced (for Kelly Cock)

REPORTED BY: Jerry Blais PHONE: 307-782-3478

DATE: 2-10-89 SIGNED: [signature]

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

0451T

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. Test Performed on (date) February 10, 1989

Oil Company Texaco

Well Name & Number Steel Creek #1

Section 11

Township 2N

Range 12E

County Summit, Utah

Drilling Contractor Montgomery #49

Oil Company Site Representative Jody Mangas/G Blair

Rig Tool Pusher

Tested out of Evanston, Wyoming

Notified Prior to Test

Copies of This Test Report Sent to: Site Representative

Utah Oil & Gas/ J L Berrier

B.L.M./Utah

Original Chart & Test Report on File at: Double Jack Evanston office

Tested by: *Double Jack Testing & Services, Inc.*
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

- B.O.P. Testing
- B.O.P. Nipple Up
- B.O.P. Lifts
- B.O.P. Rental Eq.

D[illegible]e Jack Testing & Service[illegible].
P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

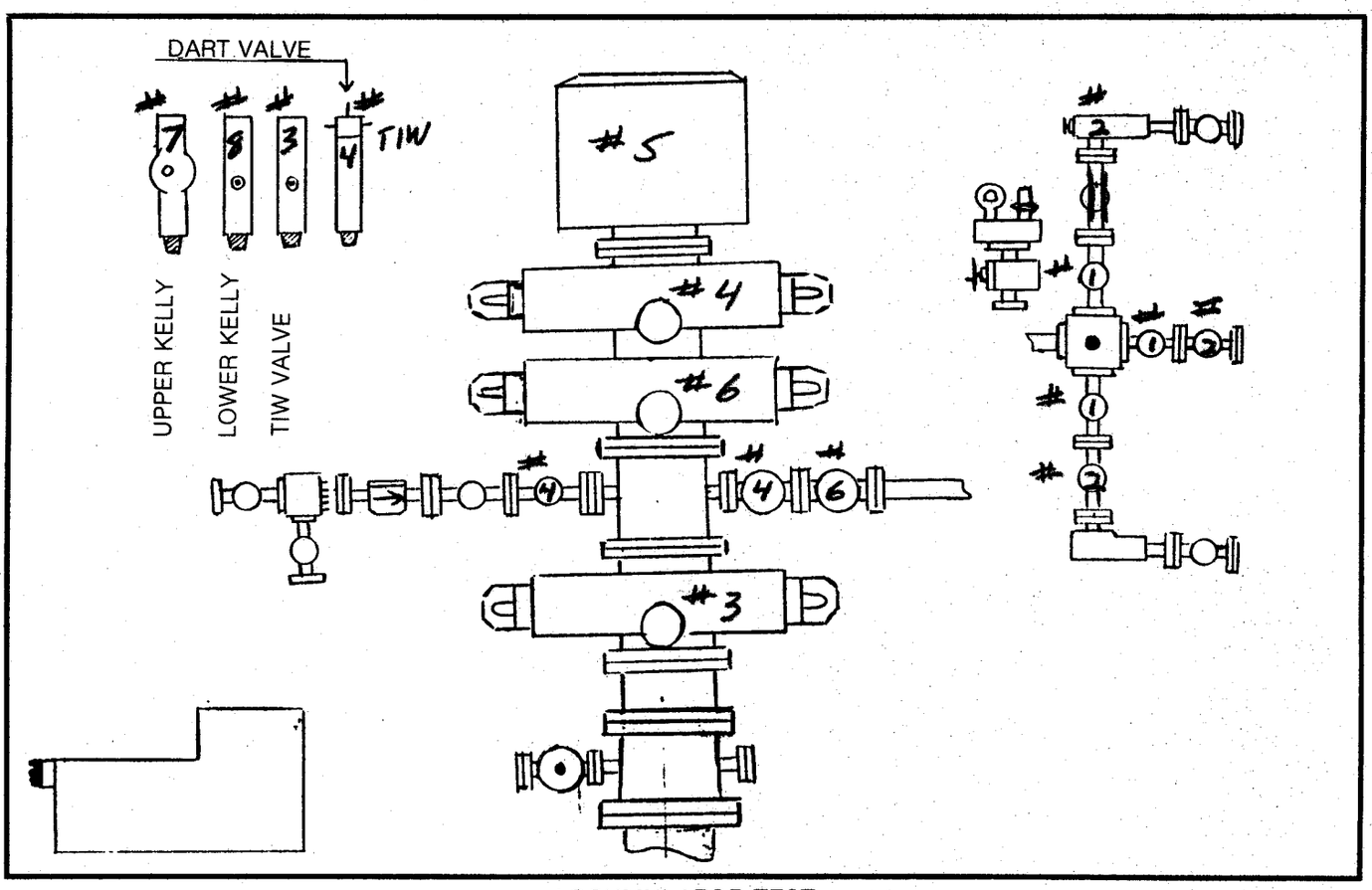
 # 1 Since 1978

DATE: 2-10-89
RIG NAME AND #: montgomery 49
OPERATOR: Texaco
WELL NAME AND NO.: steel creek #1
COUNTY: Summit
STATE: Utah
SECTION:
TOWNSHIP:
RANGE:

EQUIPMENT TESTED

5000	RAMS	15 min
5000	RAMS	
5000	RAMS	
1500	ANNULAR B.O.P.	
5000	CHOKE LINE	
5000	KILL LINE	
5000	UPPER KELLY	
5000	LOWER KELLY	
5000	SAFETY VALVES	
5000	CHOKE MANIFOLD	
5000	SUPER CHOKE	

ADDITIONAL TESTS & COMMENTS



ACCUMULATOR TEST

TYPE _____ CONTROLS LABELED CORRECTLY _____
NITROGEN BACK-UP _____ PSI AIR _____ ELECTRIC _____
REMOTE _____ BLIND GUARDS INSTALLED _____
ACCUMULATOR PRESSURE _____ MANIFOLD PSI _____ ANNULAR PSI _____
PUMPS OFF STARTING PSI _____

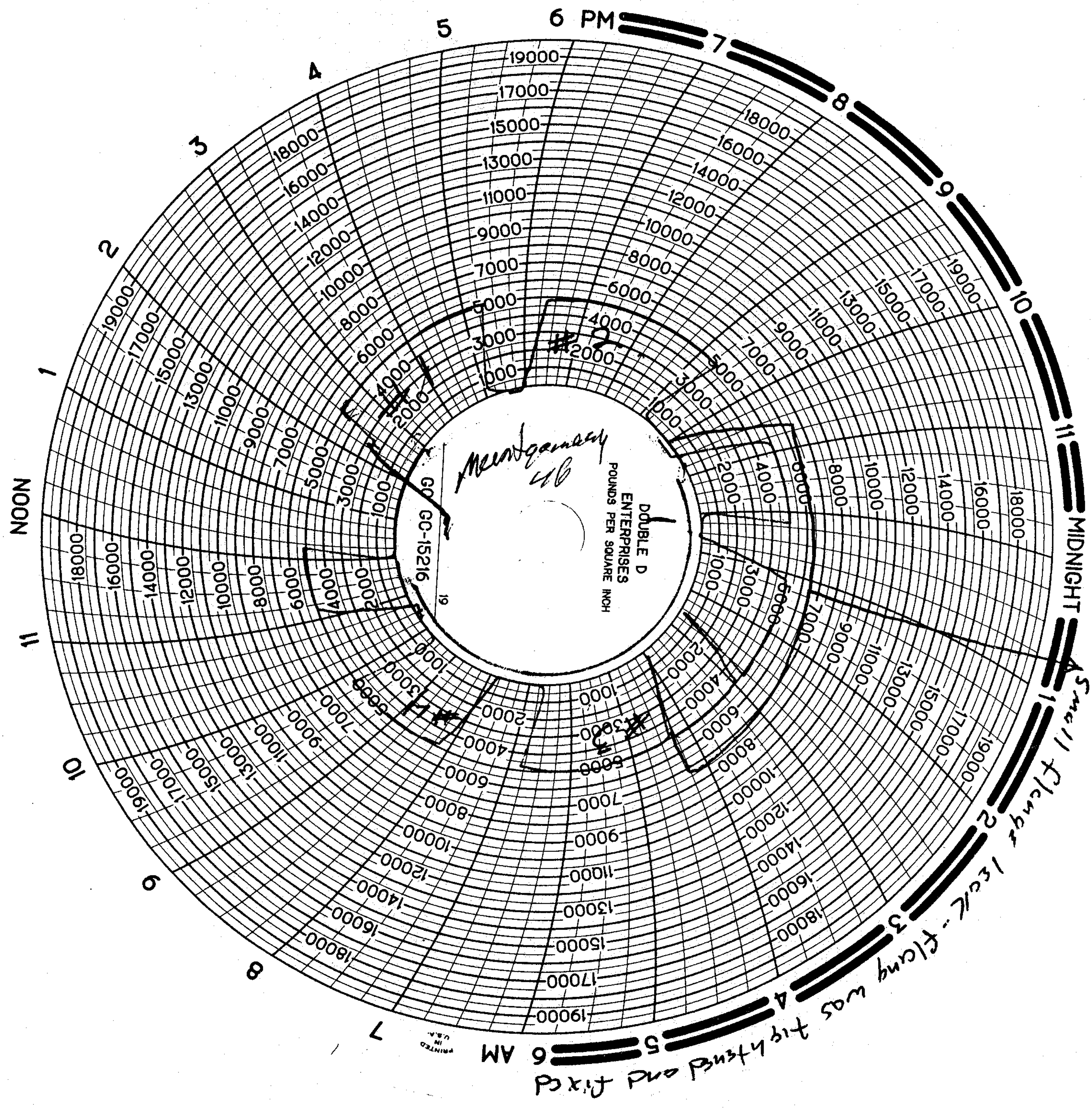
HYDRILL	CLOSED	PSI	CLOSING TIME	
PIPES	CLOSED	PSI	CLOSING TIME	
HCR	CLOSED	PSI	CLOSING TIME	
PIPES	OPENED	PSI	CLOSING TIME	
HCR	OPENED	PSI	CLOSING TIME	

FINAL PRESSURE _____ ACCUMULATOR RECHARGE TIME _____
ACCUMULATOR AND LINES CHECKED FOR LEAKS _____

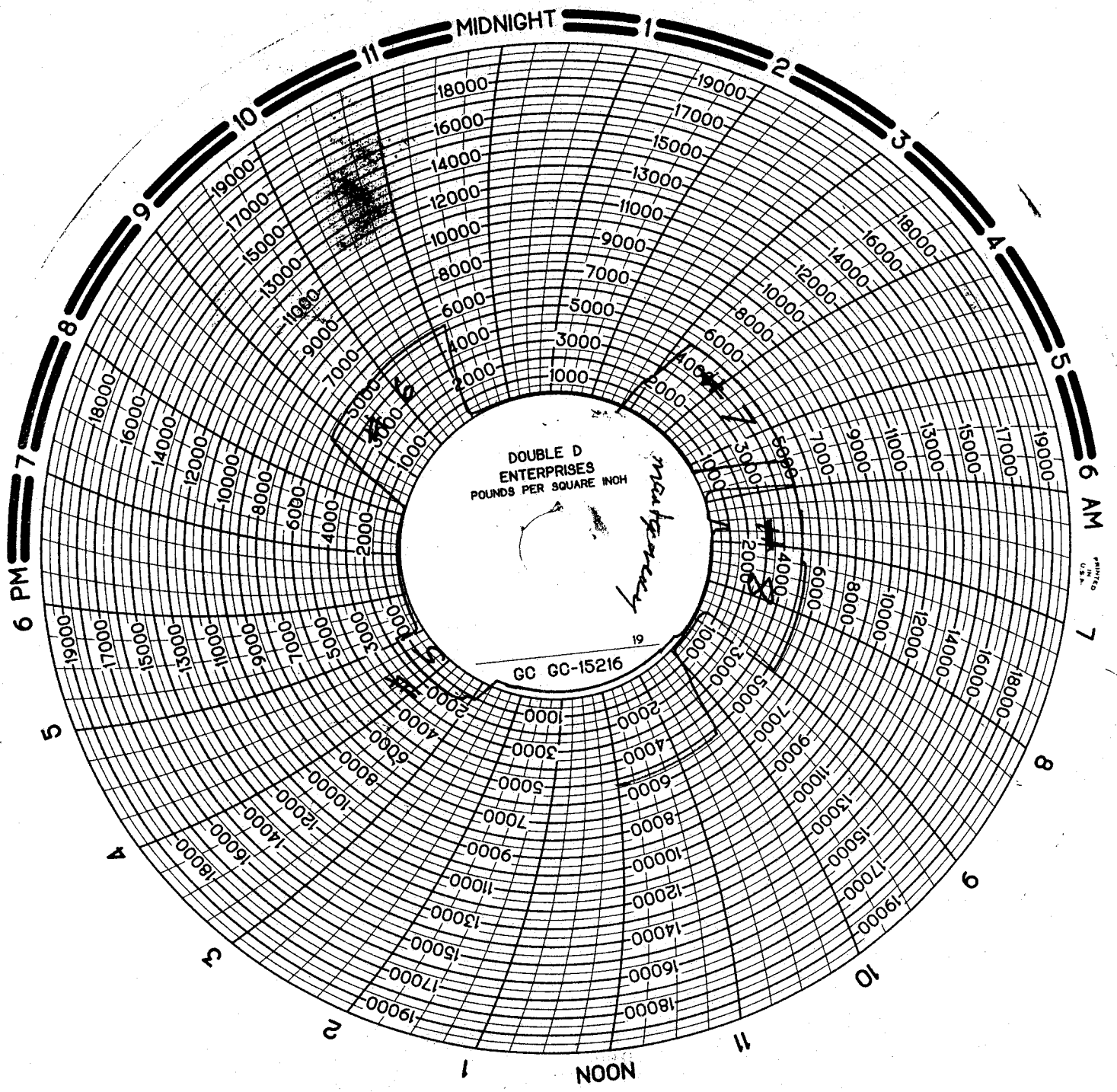
TESTER Kevin McMillan CO. REP. _____

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
TEXACO	Steel Creek #1	2-10-89	Montgomery 49

ST#	TIME	
1	11:05-11:20	1st 3 manifold values
2	11:25-11:40	2nd set manifold values - superchoke
3	2:42-2:57	Bottom Pipes - 1st TIW
4	4:15-4:30	Upper Pipes 2nd TIW - 1st Kill - 1st choke value
5	5:18-5:33	Hydrill
6	5:40-5:55	Blind Rams-HCR
7	6:05-6:20	Upper Kelly
8	6:30-6:45	lower Kelly



DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC-15216
6 PM
MIDNIGHT
6 AM
NOON
PRINTED IN U.S.A.
#1
#2
#3
#4
Small flange leak - flang was tightened and fixed


MIDNIGHT
NOON
6 AM
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216

- B.O.P. Testing
- B.O.P. Nipple Up
- B.O.P. Lifts
- B.O.P. Rental Eq.

Dou[illegible]e Jack Testing & Services [illegible]

1 Since 1978

P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

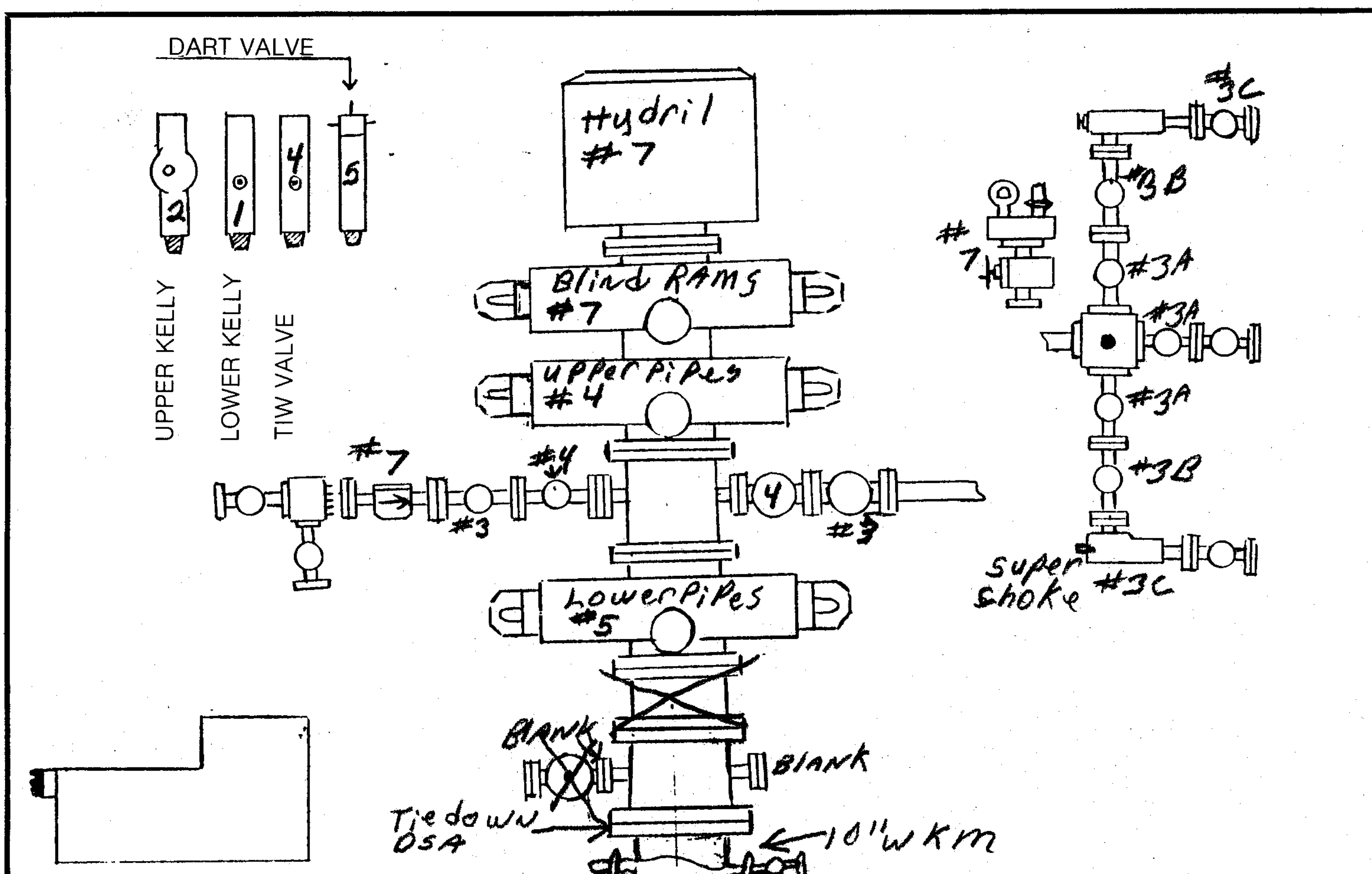
DATE 1-3-89
RIG NAME AND # Mont. #49
OPERATOR Texaco Inc.
WELL NAME AND NO. Steel Creek #1
COUNTY Summit STATE Ut SECTION S11 TOWNSHIP 2N RANGE 12e

EQUIPMENT TESTED

UpperPipe RAMS 5000 P.S.I. 15 min.
LowerPipe RAMS 5000 P.S.I. 15 min.
Blind RAMS 5000 P.S.I. 15 min.
Hydril ANNULAR B.O.P. 1500 P.S.I. 15 min.
CHOKE LINE 5000 P.S.I. 15 min.
KILL LINE 5000 P.S.I. 15 min.
UPPER KELLY 5000 P.S.I. 15 min.
LOWER KELLY 5000 P.S.I. 15 min.
Dart & Tiw SAFETY VALVES 5000 P.S.I. 15 min.
CHOKE MANIFOLD 5000 P.S.I. 15 min.
SUPER CHOKE 5000 P.S.I. 15 min.

ADDITIONAL TESTS & COMMENTS

We Ran the test plug, But could Not get A test.
We Ran A cupacker Assembly, To complete testing.



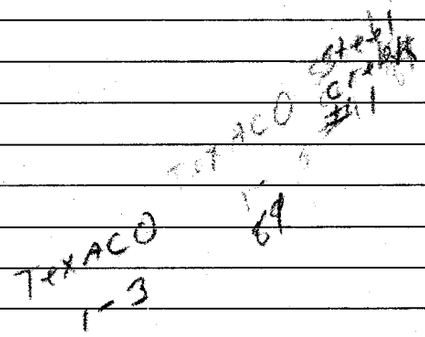
ACCUMULATOR TEST

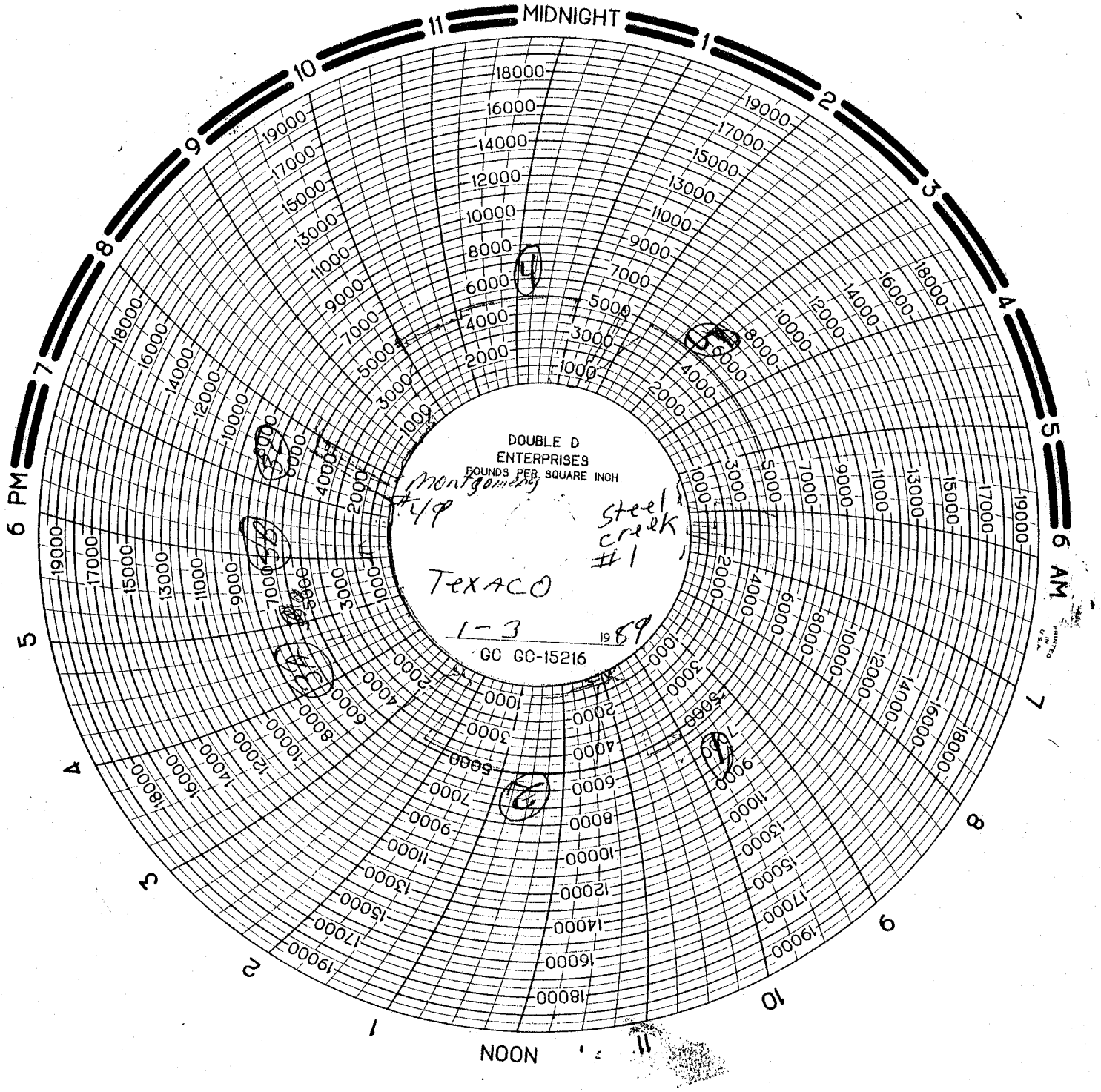
TYPE ________ CONTROLS LABELED CORRECTLY ________
NITROGEN BACK-UP ________ PSI AIR ________ ELECTRIC ________
REMOTE ________ BLIND GUARDS INSTALLED ________
ACCUMULATOR PRESSURE ________ MANIFOLD PSI ________ ANNULAR PSI ________
PUMPS OFF STARTING PSI ________

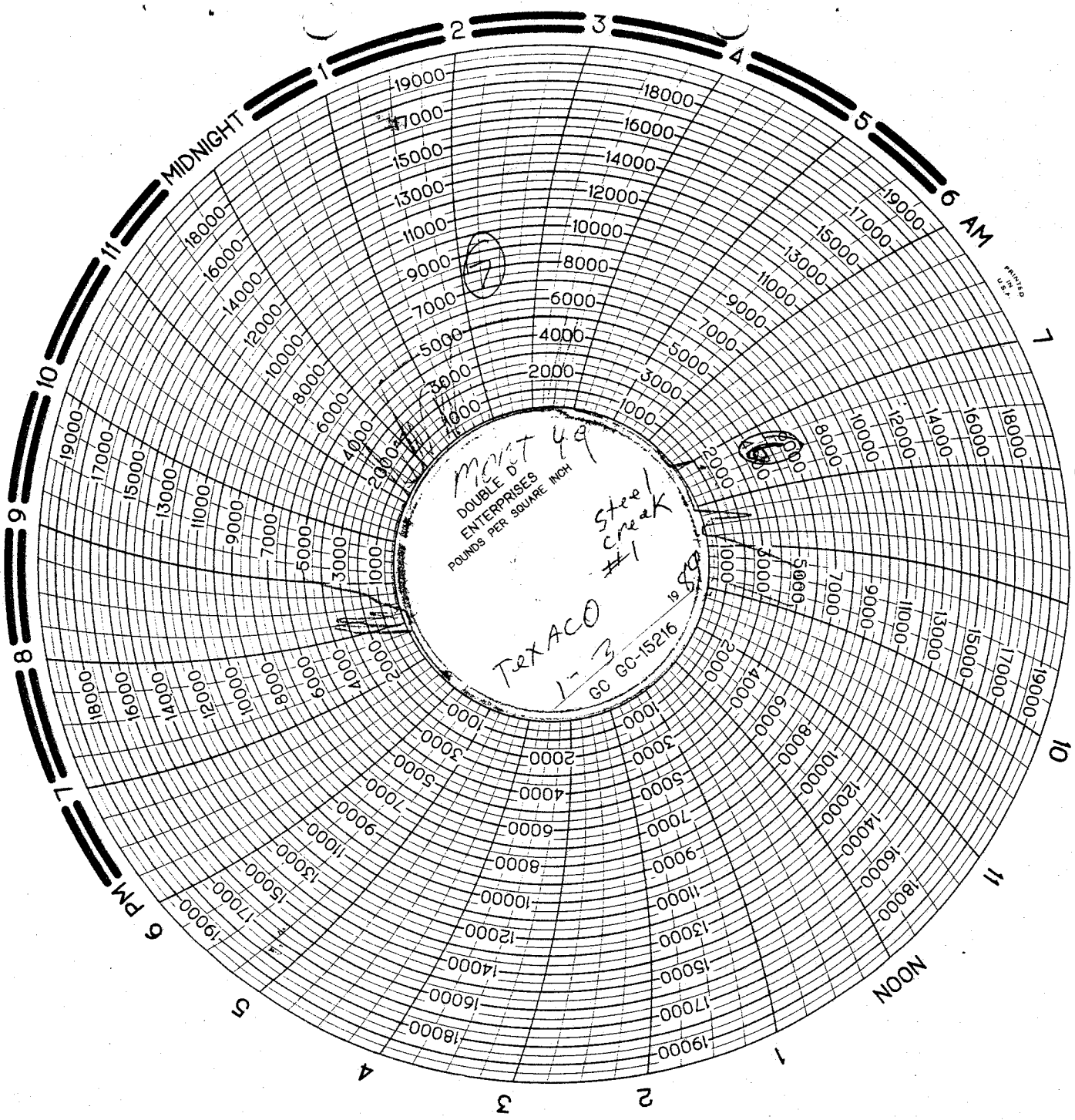
HYDRILL CLOSED ....PSI ________ CLOSING TIME 12 sec
PIPES CLOSED ....PSI ________ CLOSING TIME 6 sec upper
HCR CLOSED ....PSI ________ CLOSING TIME 4 sec
PIPES OPENED ....PSI ________ CLOSING TIME 7 sec lower
HCR OPENED ....PSI ________ CLOSING TIME ________
FINAL PRESSURE ________ ACCUMULATOR RECHARGE TIME ________
ACCUMULATOR AND LINES CHECKED FOR LEAKS ________

TESTER Ricky Batchelor CO. REP. ________

2-2-89 Arrive loc Steel Croft #1, Mont. 49
Began Testing 9:40AM 2-3-89
I could not get Test plug to seal, we Ran A
cupacker to test.
Test#1 Lower Kelly 9:40 To 9:55 5000 psi 15 min.
Test#2 Upper Kelly 10:10 TO 10:25 5000PSI 15min.
Test#3A Choke House Valves 10:10-10:25 5000PSI. 15min.
Test#3B Choke House Valves 10:25-10:40 5000PSI. 15Min.
Test#3C choke House, superchoke 10:45-11:00 HCR closed
5000 P.S.I. 15 min,
Test#4 Upper Pipes, Inside choke & 1st Kill Valves, Tiw
5000PSI 15min. Test plug would not seal in
Wellhead Ran Cupacker, 11:00-2:00
Resume Test#4 5000PSI 2:00-2:15 15 min.
Test#5 Lower Pipes 2:30-2:45 5000PSI 15min.
Dart Valve
Test#6 Hydril 5000 PSI 15 min 2:50-3:05.
Test#7 Blind Rams, HCR, check, test through 2" Bull Plug
in Blank on Spool, 3:10-3:25 5000 PSI. 15 min.
Made out Papers, Pick up tools, Left Loc
4:00




MIDNIGHT
NOON
6 PM
6 AM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Montgomery
#49
Steel
creek
#1
TEXACO
1-3
19 69
GC GC-15216


MIDNIGHT
6 AM
NOON
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Mint 49
Steel
creek
#1
TEXACO
1-3
GC GC-15216
PRINTED IN U.S.A.

- B.O.P. Testing
- B.O.P. Nipple Up
- B.O.P. Lifts
- B.O.P. Rental Eq.

Double Jack Testing & Services Inc.

P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

 # 1 Since 1978

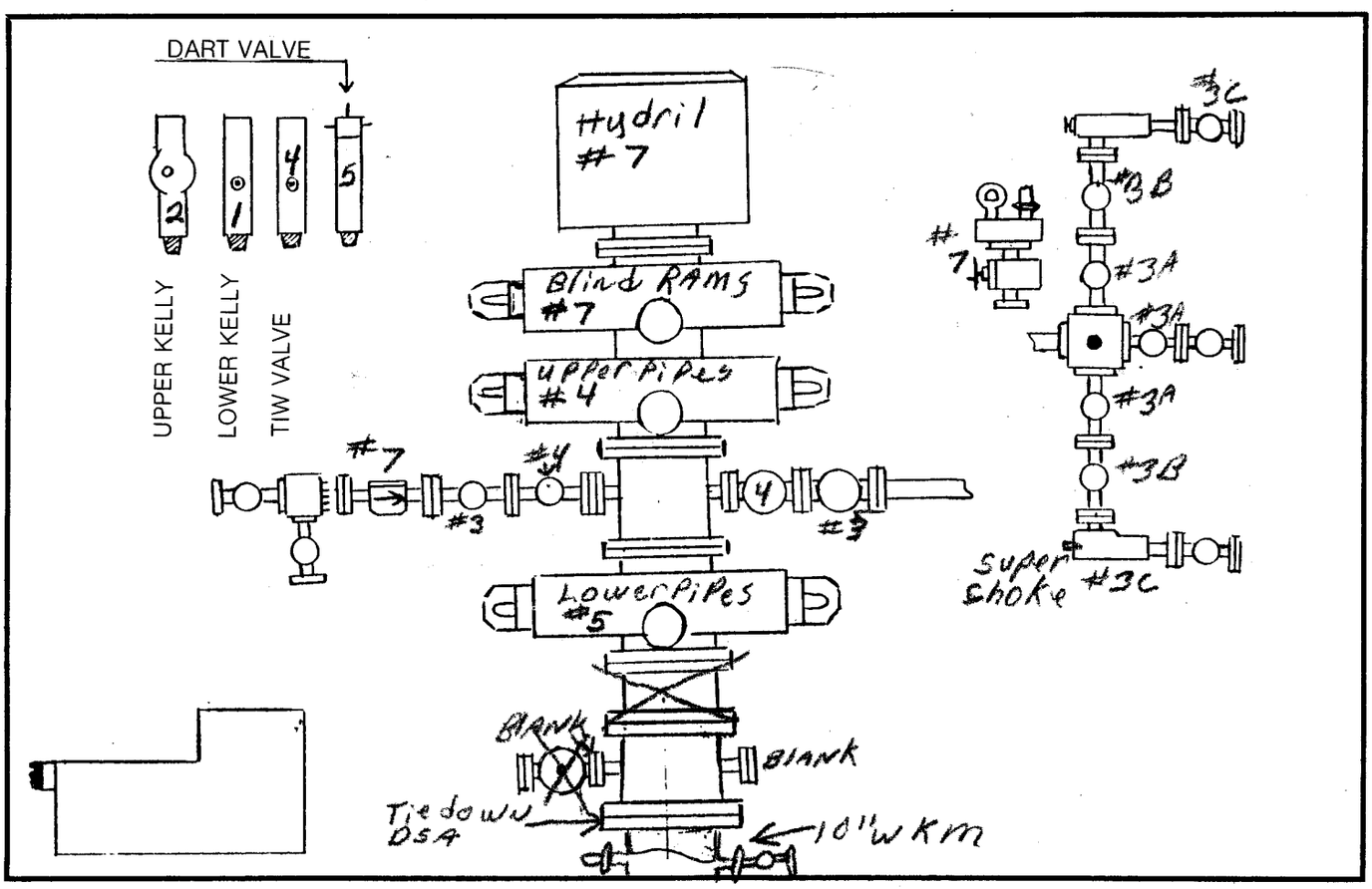
DATE: 1-3-89
RIG NAME AND #: Mont. #49
OPERATOR: Texaco Inc.
WELL NAME AND NO.: Steel Creek #1
COUNTY: Summit
STATE: Ut
SECTION: 511
TOWNSHIP: 2N
RANGE: 12E

EQUIPMENT TESTED

Upper Kelly	RAMS	5000 P.S.I. 15 min.
Lower Kelly	RAMS	5000 P.S.I. 15 min.
Blind	RAMS	5000 P.S.I. 15 min.
Hydril	ANNULAR B.O.P.	1500 P.S.I. 15 min.
	CHOKE LINE	5000 P.S.I. 15 min.
	KILL LINE	5000 P.S.I. 15 min.
	UPPER KELLY	5000 P.S.I. 15 min.
	LOWER KELLY	5000 P.S.I. 15 min.
Dart & Tiw	SAFETY VALVES	5000 P.S.I. 15 min.
	CHOKE MANIFOLD	5000 P.S.I. 15 min.
	SUPER CHOKE	5000 P.S.I. 15 min.

ADDITIONAL TESTS & COMMENTS

We Ran the test plug, But could Not get A+ test.
We Ran A cup packer Assembly, To complete testing.



ACCUMULATOR TEST

TYPE _____ CONTROLS LABELED CORRECTLY _____
NITROGEN BACK-UP _____ PSI AIR _____ ELECTRIC _____
REMOTE _____ BLIND GUARDS INSTALLED _____
ACCUMULATOR PRESSURE _____ MANIFOLD PSI _____ ANNULAR PSI _____
PUMPS OFF STARTING PSI _____

HYDRILL	CLOSED .....PSI	_____	CLOSING TIME	12 sec
PIPES	CLOSED .....PSI	_____	CLOSING TIME	6 sec UPPER
HCR	CLOSED .....PSI	_____	CLOSING TIME	4 sec
PIPES	OPENED .....PSI	_____	CLOSING TIME	7 sec Lower
HCR	OPENED .....PSI	_____	CLOSING TIME	_____

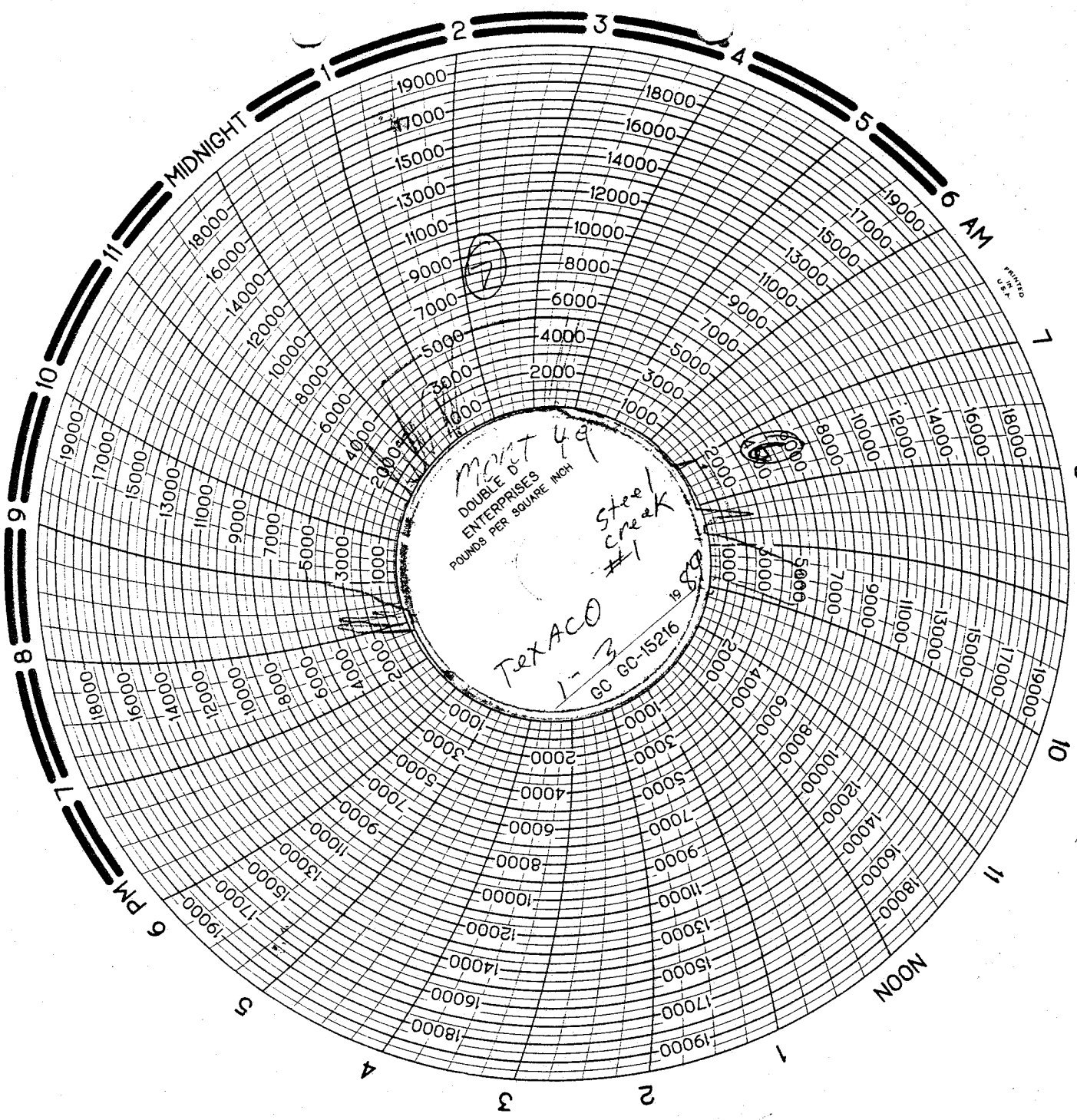
FINAL PRESSURE _____ ACCUMULATOR RECHARGE TIME _____
ACCUMULATOR AND LINES CHECKED FOR LEAKS _____

TESTER Ricky Batchelor CO. REP. _____

2-2-89 Arri. & hoc Steel Cre K # 1, Mont. 49
Began Testing 9:40AM 2-3-89
I could not get Test plug to seal, We Ran A
cupacker to test.
Test #1 Lower Kelly 9:40 To 9:55 5000 PSI 15 min.
Test #2 Upper Kelly 10:10 TO 10:25 5000 PSI 15 min.
Test #3A Choke House Valves 10:10-10:25 5000 PSI, 15 min.
Test #3B Choke House Valves 10:25-10:40 5000 PSI, 15 min.
Test #3C choke House, Superchoke 10:45 - 11:00 HCR closed
5000 PSI, 15 min,
Test #4 Upper Pipes, Inside choke & 1st Kill Valve 5000 PSI 15 min. Test plug would not seal in Wellhead Ran Cupacker, 11:00 - 2:00
Resume Test #4 5000 PSI 2:00 - 2:15 15 min.
Test #5 Lower Pipes 2:30 - 2:45 5000 PSI 15 min.
Dart Valve
Test # 6 Hydril 4500 PSI 15 min 2:50 - 3:05.
Test # 7 Blind Rams, HCR, Check, test through 2" Bull Plug in Blank on Spool, 3:10 - 3:25 5000 PSI. 15 min.
Made out Papers, Picked up Tools, Left hoc
4:00 PM. 2-3-89

TEXACO
1-3

6 PM
MIDNIGHT
6 AM
NOON
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
Texaco
I-3
GC GC-15216
Steel Creek #1
PRINTED IN U.S.A.


MIDNIGHT
6 AM
NOON
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
TEXACO
1-3
GC GC-15216
Steel Creek #1
PRINTED IN U.S.A.

Work Under Way at Third Deep Test in Northeastern Utah

MONTGOMERY DRILLING's Rig #49 is being rigged up to drill a 16,000-ft test to Morrison for Texaco Inc in the North Flank Fault area of northeastern Utah about 35 miles southeast of Evanston, Wyoming.

The 1 Still Creek, se sw 11-2n-12e, Summit County, is in a previously undrilled township about 13 miles west-southwest of Dakota production in Bridger Lake field.

A little less than five miles west of Bridger Lake field, Chevron USA is under way at the 1-25 Chevron-Federal in se sw 25-3n-13e, Summit County, a 16,500-ft test to Morrison to be drilled by Grace Drilling's Rig #93 (PI 11-18-88).

Union Oil of California at last report was testing Dakota at the 1-I21 Federal in ne se 21-3n-15e, Summit County, a deep prospect three and a half miles east of Bridger Lake field. The latter venture reached total depth at 15,713 ft and was cased to 15,707 ft (PI 10-27-88).

Blue Diamond Oil, meanwhile, has received a permit to re-enter a 16,670-ft dry hole completed in 1967 by Mobil Oil in Summit County nearly 10 miles east of Bridger Lake field (PI 11-11-88). The 44-21 Gregory, se se 21-3n-16e, will evaluate Frontier and Dakota.

Bountiful, Utah-based Blue Diamond has applied with the Utah Division of Oil, Gas and Mining for a 40-acre drilling and spacing unit covering Frontier and Dakota underlying se se 21-3n-16e, and for an order pooling all interests in the unit. That request will be considered at the division's December 1 hearing in Salt Lake City.

Western Montana Overthrust Belt Wildcat Below 3400 Ft

UNION OIL of California, with Parker Drilling's Rig #166 on contract, is drilling below 3450 ft at a proposed 16,500-ft test to the upper Devonian Jefferson on the western Montana Overthrust Belt about 25 miles northwest of Helena.

The 1-B30 Federal, nw ne 30-14n-5w, south-central Lewis and Clark County, is about 75 miles south-southeast of Blackleaf Canyon field, a Sun River (Madison) pool on the Disturbed Belt. It's designed primarily to evaluate Madison.

JLT

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. Test Performed on (date) 3-14-89

Oil Company Texaco API-43-043-30292

Well Name & Number Steel Creek

Section 11

Township 2N

Range 12E

County Summit Ut.

Drilling Contractor Montgomery #49

Oil Company Site Representative Jay Wadman

Rig Tool Pusher

Tested out of Evanston

Notified Prior to Test

Copies of This Test Report Sent to: Texaco

State of Ut.

Original Chart & Test Report on File at: Evanston

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testing & Services Inc.

P.O. Box 2097
Evanston, WY 82931-2097
(307) 789-9213

FIELD TICKET 7329

DATE: 3-14-89
RIG NAME & NO.: Mont. #49
OPERATOR: Texaco
WELL NAME & NO.: Steel Creek
COUNTY: Summit
STATE: Wy
SECTION:
TOWNSHIP:
RANGE:
ITEMS TESTED: BOPes Manifold

ITEMS TESTED	LOW TEST PSI	TIME HELD MINUTES	HIGH TEST PSI	TIME HELD MINUTES
Top Pipe Rams			5000	10 Min
Bottom Pipe Rams			5000	
Blind Rams			5000	
Annular B.O.P.			2000	
Choke Manifold			5000	
Choke Line			5000	
Kill Line			5000	
Super Choke			5000	
Upper Kelly			5000	
Lower Kelly			5000	
Floor Valve			5000	
Floor ~~Dart~~ Valve			5000	

Closing Unit Psi: 1500/2900
Closing Time of Rams: 2 Sec.
Closing Time of Annular: 15 Sec
Closed Casing Head Valve: yes
Set Wear Sleeve: yes

COMMENTS

TRI UPR NCT1 #1
EST# 985839 280089
[signature]

ADDITIONAL TESTS & COMMENTS:

Upper Kelly works Stiff

TEST PLUG: 10" WKM 4½ XH on Rig
RET. TOOL: on Rig
TOP SUB.: 4½ IF
KELLY SUB.: 4½ IF
X-OVER SUB.: 4½ XH Pin x 4½ IF Box

RATES		
UNIT RATES	200.00 for first 8 hr	200.00
ADDITIONAL		120.00
MILEAGE	120 mile @ 1.00	50.00
METHANOL	25 Gallons @ 2.00	
OTHER		

SUB TOTAL: $820.00

TAX:

TOTAL:

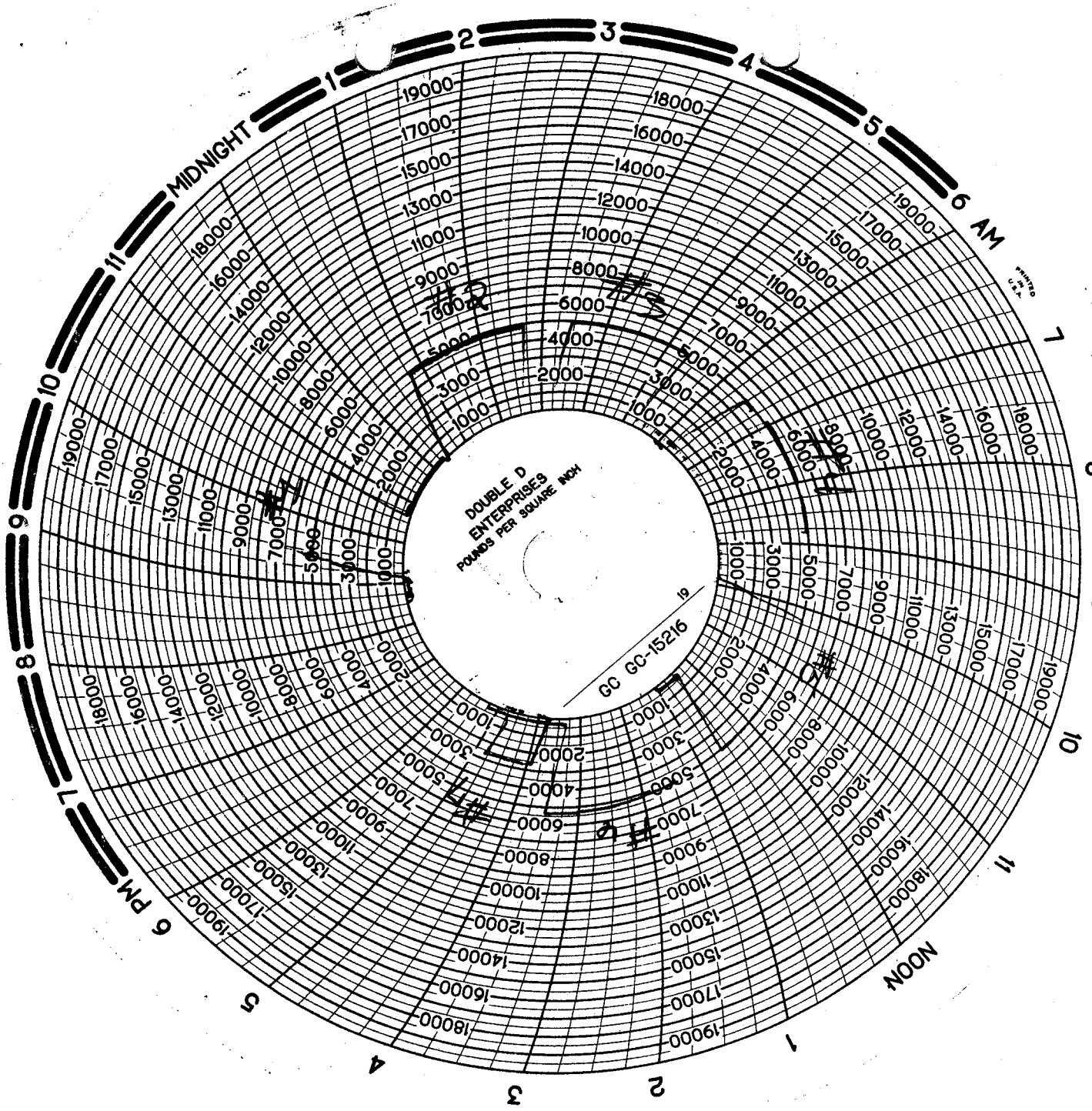
CO. REP.:

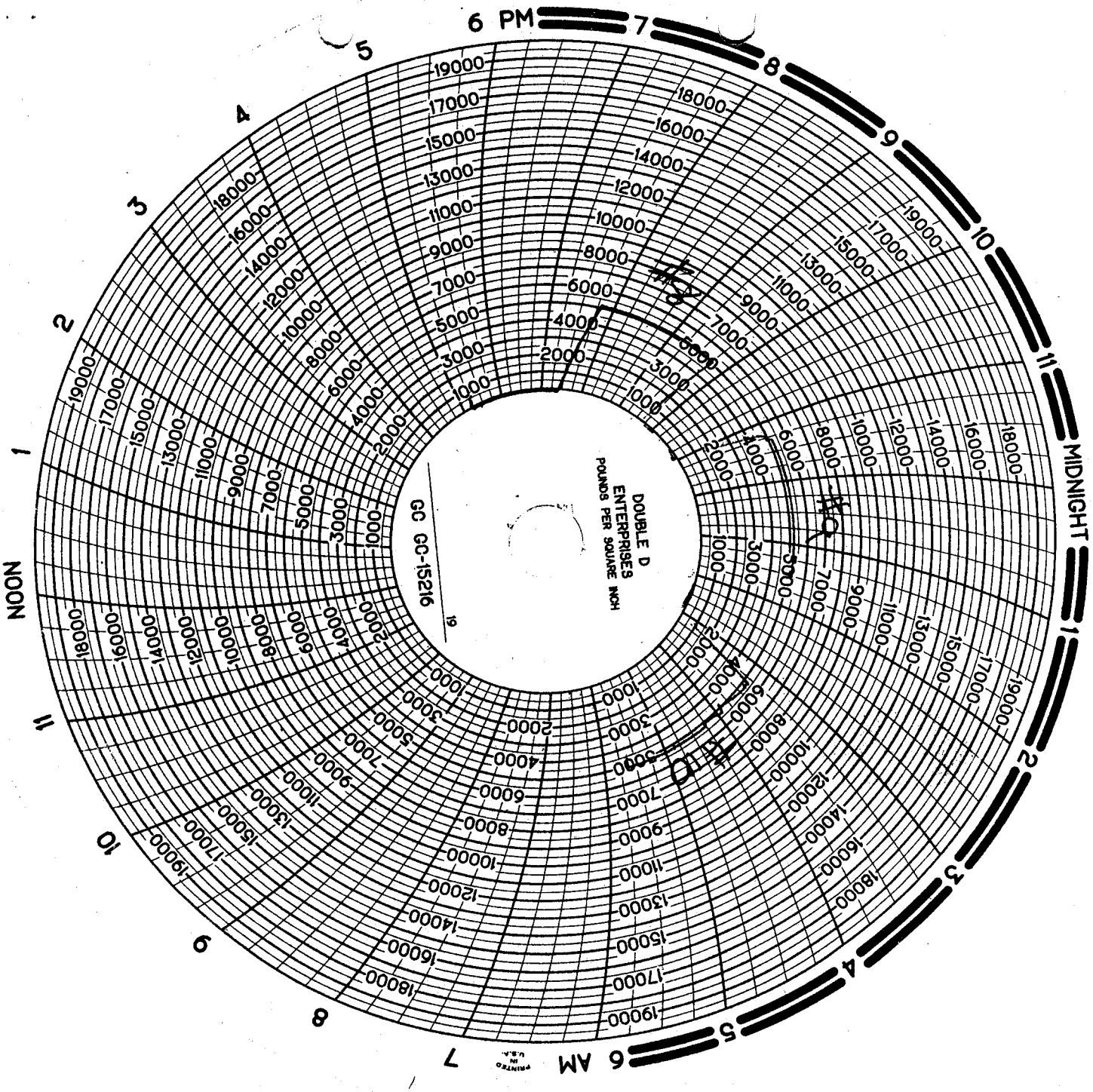
TESTED BY: [signature]

NOTICE TO ALL CUSTOMERS

COMPANY	LEASE AND WELL NAME #	DATE TEST	RIG # AND NAME
Texaco	Steel Creek	3-14-89	Mont. #49

T#	TIME	
	2:30	Arive on Location
#1	8:02	Lower Pipes & TIW 5000
#2	8:21	Upper Pipes & 2nd TIW Inside Kill & Choke 5000
#3	8:34	Upper Pipes, Check Valve & HCR 5000
		Work on Hydkil on Accumulator Tower
#4	9:09	Inside Choke Manifold 5000
#5	9:46	Swaco 5000
#6	10:03	Outside Choke Manifold 5000
		wait on Rig
#7	10:54	Hydkil 2500
#8	11:18	Blinds & Inside Choke Manifold 5000
	12:00	Set Wear Bushing Pick up Kelly
		& work on Upper Kelly
#9	12:52	Lower Kelly 5000
#10	1:18	Upper Kelly 5000


MIDNIGHT
6 AM
NOON
6 PM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216


6 PM
MIDNIGHT
NOON
6 AM
DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH
GC GC-15216
19

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: Texaco. Inc TPI-UPR-NCT-1, #1 REPRESENTATIVE: J. Wadman

WELL NAME: Steel Creek #1 API# 43043-30292

QTR/QTR SE/SW SECTION 11 WELLSIGN ✓ TWP 2N RANGE 12E

INSPECTOR: John BERRIER DATE: 3-14-89

DRILLING CONTRACTOR Montgomery RIG # 49

RIG OPERATIONS: Out of Hole for BOPE Test and New Bit

DEPTH 15,840 LAST CASING 9 5/8" @ 8635

TEST BY Double Jack Testing ~~WATER~~ Service Methanol MUD

PRESSURE RATING OF STACK 5000# H2S RATED No

TEST PRESSURES 5000 / Hydril 2500 KELLYCOCK: UPPER 5000 LOWER 5000

INSIDE BOP _____ FULL OPENING VALVE ON FLOOR ✓

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR will get Wrench Repaired

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. Annular
2. Blind Rams
3. Pipe Rams. (Upper)
4. Drlg Spool
5. Pipe Rams. (Lower)
6. Drlg. Spool

ADDITIONAL COMMENTS: Tested By Double Jack Services Inc. All BOPE Tested To 5000 psi. for 15 min. except Hydril Tested To 2500 psi., 15 min. All Held OK.

REPORTED BY: J. Wadman PHONE: 307-782-3478

DATE: 3-14-89 SIGNED: [signature]

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

0451T

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

RECEIVED
APR 06 1989
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Texaco Inc., as Operator for Texaco Producing Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1629, Rock Springs, WY 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
825' FSL & 2534' FWL
SE,SW Section 11

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Steel Creek

8. FARM OR LEASE NAME
TPI ETAL/UPRC NCT-1

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T2N-R12E

12. COUNTY OR PARISH: Summit

13. STATE: Utah

14. PERMIT NO.
43-043-30292

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

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

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

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

Please be advised that the subject well is a "Tight Hole" and information regarding the subject well should be held confidential.

CONFIDENTIAL

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

SIGNED H.M. Maduwa / HRH TITLE Area Superintendent DATE 4-3-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNR(2)-USFS(2)-HMM

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

RECEIVED
APR 07 1989
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Wildcat

2. NAME OF OPERATOR
Texaco Inc. as operator for Texaco Producing Inc.

3. ADDRESS OF OPERATOR
Post Office Box 1629; Rock Springs, WY 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
825' FSL and 2534' FWL
SE SW Sec. 11

5. LEASE DESIGNATION AND SERIAL NO.: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Steel Creek
8. FARM OR LEASE NAME: TPI ETAL/UPRC NCT 1
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 11 T2N-R12E
12. COUNTY OR PARISH: Summit
13. STATE: UT

14. PERMIT NO.: 43-043-30292
15. ELEVATIONS (Show whether DF, RT, GR, etc.): 9229.6' KB

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	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) Production Casing			XXX
(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.)*

3/31/89 Ran 397 joints of 5½" 20# casing. Set at 16,500'. Condition hole for cement. Cement with 20 bbls fresh water, 1,000 gal. mud flush, 625 sx class "H" cement, with 30% silica flour. Displace with 364 bbls 3% KCL. Plug hit and held at 2,400 psi. Circulation is good. Plug down at 10:20 p.m.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct
SIGNED L.M. Medina TITLE Area Superintendent DATE 4-5-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

APPROVAL IF ANY:

UNR (2) - USFS (2) - HMM

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[✓] Well File TEXACO Steel Creek #1
(Location) Sec 11 Twp 2N Rng 12E
(API No.) 43-047-30292

[ ] Suspense
(Return Date) _____
(To - Initials) _____

[ ] Other _____

1. Date of Phone Call: 4-21-89 Time: 11:15

2. DOGM Employee (name) Frank Matthews (Initiated Call [ ])
Talked to:
Name Jerry Blair (Initiated Call [✓]) - Phone No. ( )
of (Company/Organization) TEXACO

3. Topic of Conversation: Reclamation of location. There will be a meeting between TEXACO & Forest Service on site 10:AM Thursday 27th/

4. Highlights of Conversation: John Bernier has been informed of call.

Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

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

2. NAME OF OPERATOR: Texaco Inc., as Operator for Texaco Producing Inc.

3. ADDRESS OF OPERATOR: Post Office Box 1629; Rock Springs, WY 82902

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 825' FSL & 2534' FWL
At top prod. interval reported below: SE SW, Section 11
At total depth:

RECEIVED
JUL 31 1989
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Steel Creek
8. FARM OR LEASE NAME: TPI et al./UPRC (NCT-1)
9. WELL NO.: Steel Creek No. 1
10. FIELD AND POOL, OR WILDCAT:
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 11-T2N-R12E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-043-30292	10-03-88	Summit	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-26-88	04-01-89	04-18-89	9230' KB	9201' GL

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
TD= 16458; TVD=16413'	15145'	--	→	SURF-TD	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: NONE

25. WAS DIRECTIONAL SURVEY MADE: YES

CONFIDENTIAL

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, LSS, TEMP, GR, FDC, CNL, IRT, CBL, [illegible], CET, CIS

27. WAS WELL CORED: NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#	492'	26"	1310 sx Class "G" w/2% CaCl,	
9-5/8"	53.5#	8635'	12¼"	1st Stage: 110 sx Lite, 190 sx "G"-Ta	
				2nd Stage:(DV @ 2024') 1550 sx Lite	
5½"	20#	16458'	8½"	625 sx Class "H"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

16368' - 16406' 6 JSPF

16154' - 16164' 6 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	N/A

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
04-13-89	11	--		-0-	-0-	81	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
±5psi	0 psi		--	--	--	--

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Flared

TEST WITNESSED BY: --

35. LIST OF ATTACHMENTS

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

SIGNED H. M. Medina TITLE Area Superintendent DATE 7-27-89

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

UNR(2) USFS(2) HMM

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	Surface	
Ft. Union	9,686'	
Mesa Verde	11,200'	
Hilliard	13,674'	
Frontier	15,198'	
Mowry	15,631'	
Dakota	15,920'	

Form OGC-1b

SUBMIT IN TRIPLICATE (other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Steel Creek

2. NAME OF OPERATOR: Texaco Inc. as Operator for Texaco Producing Inc.

8. FARM OR LEASE NAME: TPI et al./UPRC (NCT-1)

3. ADDRESS OF OPERATOR: Post Office Box 1629; Rock Springs, WY 82902-1629

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 825' FSL & 2534' FWL SE SW, Section 11

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 11-T2N-R12E

RECEIVED
JUL 31 1989
DIVISION OF OIL, GAS & MINING
CONFIDENTIAL

14. PERMIT NO.: 43-043-30292

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 9230' KB

12. COUNTY OR PARISH: Summit

13. STATE: UT

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*	X
REPAIR WELL	☐	CHANGE PLANS	☐				☐
(Other)				(Other)			

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

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

Please be advised that Texaco Inc. plugged and abandoned subject well as follows:

1. TIH with tubing. Spot 100 sx Class "H" cement 16,000' - 15,145'. TOH.
2. Freepoint 5½" csg & cut-off at 8,740'. Recover casing. TIH with 9-5/8" packer and tubing; set packer at 8,650'.
3. Pump drilling fluid into well. Pump 100 sx Class "H" cement plug 8,840' - 8,500'. TOH. Lay down tools.
4. TIH with tubing to 55'. Spot a 20 sx cement surface plug. TOH.
5. RDMORT. Reclaim location.

Seeding of the location will be completed during the Fall.

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

SIGNED: L.M. Medina TITLE: Area Superintendent DATE: 7-27-89

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

BLM(3) OGCC(2) HMM

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD., CASPER, WYOMING

MAGNETIC DIRECTIONAL SURVEY
FOR
****
TEXACO INC.
****

CONFIDENTIAL

JOB NUMBER: 41M0189002

WELL NAME: TP1 UPRNCT-1 #1

LOCATION: SUMMIT COUNTY, UTAH

SURVEY DATE: 03/06/89

SURVEY ENGINEER: J. BECKNER

METHOD OF CALCULATION: THE RADIUS OF CURVATURE

VERTICAL SECTION: CALCULATED USING PROPOSAL OF N 0- 0 E

COMMENTS:

RECEIVED
AUG 17 1989
DIVISION OF
OIL, GAS & MINING

****
* THIS SURVEY IS CORRECT TO THE BEST OF MY *
KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.
*
*
* ********** *
* COMPANY REPRESENTATIVE *
****

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD., CASPER, WYOMING

JOB NUMBER: 41M0189002

DATE: 03/06/89

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

CONFIDENTIAL

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M (ANGLE)	BEARING D M	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG PER 100
8635.00	8635.00	.00	.00	0- 0	N / A	.00 N	.00 E	.00
8708.00	8707.98	.52	1.27	2- 0	N 66- 0 E	.52 N	1.16 E	2.74
8800.00	8799.95	1.84	2.41	1- 0	N 47- 0 E	1.84 N	3.16 E	1.20
8893.00	8892.94	2.84	1.42	0-45	N 44- 0 E	2.84 N	4.18 E	.27
8986.00	8985.93	3.96	1.22	0-45	N 14- 0 W	3.96 N	4.48 E	.78
9079.00	9078.93	4.81	1.02	0-30	N 50- 0 W	4.81 N	3.95 E	.49
9172.00	9171.92	5.12	1.02	0-45	S 86- 0 W	5.12 N	3.00 E	.56
9265.00	9264.91	4.85	1.22	0-45	S 68- 0 W	4.84 N	1.82 E	.25
9358.00	9357.88	4.23	2.23	2- 0	S 80- 0 W	4.23 N	.32 W	1.37
9451.00	9450.81	3.32	3.65	2-30	S 71- 0 W	3.32 N	3.85 W	.66
9544.00	9543.71	2.40	4.26	2-45	S 84- 0 W	2.40 N	8.00 W	.69
9636.00	9636.60	1.87	4.66	3- 0	S 83- 0 W	1.87 N	12.63 W	.27
9729.00	9728.48	1.63	4.61	2-45	N 89- 0 W	1.63 N	17.24 W	.51
9822.00	9821.30	2.27	5.68	4-15	N 78- 0 W	2.27 N	22.87 W	1.76
9915.00	9913.89	5.65	8.71	6-30	N 56- 0 W	5.65 N	30.84 W	3.24

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD., CASPER, WYOMING

JOB NUMBER: 41M0189002

DATE: 03/06/89

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

CONFIDENTIAL

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC ANGLE D M	BEARING D M	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG PER 100
10008.00	10006.22	11.55	11.13	7-15	N 60- 0 W	11.55 N	40.28 W	.96
10101.00	10098.37	18.20	12.54	8-15	N 56- 0 W	18.20 N	50.91 W	1.22
10194.00	10190.29	26.61	14.15	9-15	N 51- 0 W	26.61 N	62.28 W	1.35
10287.00	10282.11	35.99	14.75	9- 0	N 50- 0 W	35.99 N	73.66 W	.32
10380.00	10374.00	44.62	14.35	8-45	N 56- 0 W	44.62 N	85.11 W	1.03
10473.00	10466.00	51.70	13.55	8- 0	N 61- 0 W	51.69 N	96.66 W	1.12
10566.00	10558.18	58.23	12.34	7-15	N 55- 0 W	58.23 N	107.12 W	1.18
10658.00	10649.47	64.70	11.41	7- 0	N 56- 0 W	64.69 N	116.52 W	.30
10751.00	10741.89	70.47	10.33	5-45	N 56- 0 W	70.47 N	125.08 W	1.34
10844.00	10834.47	75.71	8.91	5-15	N 52- 0 W	75.71 N	132.29 W	.68
10[illegible]0.00	10927.09	81.21	8.31	5- 0	N 45- 0 W	81.21 N	138.51 W	.72
11030.00	11019.77	86.70	7.70	4-30	N 44- 0 W	86.70 N	143.91 W	.54
11061.00	11050.68	88.45	2.43	4-30	N 44- 0 W	88.45 N	145.60 W	.00
12186.00	12174.11	64.35	56.42	1-15	S 36- 0 E	64.35 N	174.32 W	.51
12333.00	12321.02	60.12	5.13	2-45	S 33- 0 E	60.12 N	171.42 W	1.02

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD., CASPER, WYOMING

JOB NUMBER: 41M0189002

DATE: 03/06/89

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

CONFIDENTIAL

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D	M	COORDINATES LATITUDE	DEPARTURE	D-LEG PER 100
12711.00	12697.64	33.88	31.30	6-45	S 33- 0 E		33.88 N	154.37 W	
12835.00	12820.30	18.82	18.06	10- 0	S 34- 0 E		18.82 N	144.41 W	1.06
12897.00	12881.16	9.01	11.83	12- 0	S 34- 0 E		9.01 N	137.79 W	2.62
13036.00	13016.45	-15.53	31.86	14-30	S 45- 0 E		15.53 S	117.56 W	3.23
13076.00	13055.23	-22.47	9.81	13-54	S 45- 0 E		22.47 S	110.62 W	2.55
13141.00	13118.51	-33.05	14.84	12-30	S 44- 3 E		33.05 S	100.21 W	1.50
13204.00	13180.10	-42.56	13.26	11-48	S 44-12 E		42.56 S	90.97 W	2.18
13266.00	13240.80	-51.77	12.63	11-42	S 42- 6 E		51.77 S	82.33 W	1.11
13329.00	13302.50	-60.98	12.72	11-36	S 45- 6 E		60.98 S	73.56 W	.71
13404.00	13375.59	-73.55	16.81	14-18	S 38- 0 E		73.55 S	62.42 W	.97
13467.00	13436.76	-85.59	15.08	13-24	S 36- 0 E		85.60 S	53.35 W	4.17
13530.00	13498.10	-97.33	14.33	12-54	S 34- 0 E		97.33 S	45.13 W	1.62
13592.00	13558.67	-108.58	13.26	11-48	S 30- 0 E		108.58 S	38.10 W	1.07
13657.00	13622.48	-119.37	12.35	10- 6	S 28- 0 E		119.38 S	32.12 W	2.25
13720.00	13684.73	-128.01	9.69	7-36	S 26- 0 E		128.01 S	27.72 W	2.68
									4.00

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD., CASPER, WYOMING

JOB NUMBER: 41M0189002

DATE: 03/06/89

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

CONFIDENTIAL

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG PER 100
13794.00	13758.19	-136.24	8.89	6-12 S	18- 0 E	136.25 S	24.39 W	2.29
13825.00	13789.02	-139.32	3.24	5-48 S	19- 0 E	139.32 S	23.36 W	1.33
13851.00	13814.89	-141.77	2.58	5-36 S	18- 0 E	141.77 S	22.54 W	.86
13889.00	13852.72	-145.15	3.54	5- 6 S	16-54 E	145.15 S	21.48 W	1.34
13919.00	13882.61	-147.65	2.61	4-54 S	15-54 E	147.66 S	20.74 W	.73
13951.00	13914.50	-150.19	2.65	4-36 S	17-36 E	150.19 S	19.98 W	1.04
13981.00	13944.41	-152.42	2.33	4-18 S	16-54 E	152.42 S	19.29 W	1.02
14015.00	13978.32	-154.77	2.46	4- 0 S	16-36 E	154.77 S	18.58 W	.88
14044.00	14007.25	-156.63	1.95	3-42 S	17-18 E	156.64 S	18.01 W	1.05
14075.00	14038.19	-158.49	1.95	3-30 S	18- 0 E	158.49 S	17.42 W	.66
14106.00	14069.14	-160.25	1.84	3-18 S	16- 0 E	160.25 S	16.88 W	.75
14138.00	14101.09	-162.01	1.84	3-18 S	18- 0 E	162.01 S	16.35 W	.36
14168.00	14131.04	-163.58	1.65	3- 0 S	18-18 E	163.58 S	15.83 W	1.00
14203.00	14165.99	-165.32	1.83	3- 0 S	18- 0 E	165.32 S	15.26 W	.04
14297.00	14259.88	-169.65	4.51	2-30 S	14-18 E	169.65 S	14.01 W	.56

SCIENTIFIC DRILLING INTERNATIONAL
6634 COAL RD., CASPER, WYOMING

DATE: 03/06/89

JOB NUMBER: 41M0189002

INRUN SURVEY

BY

THE RADIUS OF CURVATURE

CONFIDENTIAL

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	COURSE DEV.	INC D M	BEARING D M	COORDINATES LATITUDE	COORDINATES DEPARTURE	D-LEG PER 100
14330.00	14292.86	-170.92	1.32	2- 6 S	18-42 E	170.92 S	13.63 W	1.32
14357.00	14319.84	-171.76	.90	1-42 S	21-12 E	171.76 S	13.33 W	1.51
14453.00	14415.81	-173.95	2.35	1- 6 S	20- 6 E	173.95 S	12.50 W	.63
14516.00	14478.80	-174.91	1.04	0-48 S	27- 6 E	174.91 S	12.08 W	.51
14611.00	14573.80	-175.69	1.08	0-30 S	58- 6 E	175.69 S	11.36 W	.48
14674.00	14636.79	-175.89	.61	0-36 S	84- 6 E	175.89 S	10.79 W	.42
14734.00	14696.79	-175.92	.68	0-42 N	89-12 E	175.92 S	10.11 W	.21
14797.00	14759.79	-175.69	.83	0-48 N	57-54 E	175.69 S	9.33 W	.66
14922.00	14884.76	-173.89	2.51	1-30 N	29- 0 E	173.89 S	7.62 W	.71

****

THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF

****

14922.00 FEET EQUALS 174.05 FEET AT S 2-31 W.

****

15015 1.9 N26E 0.44 DLS.

Texaco Oil Company
TPI UPRC NCE-1 #1
Directional Survey
13657 to 16452

SPERRY-SUN INC.

TIED ON TO SCIENTIFIC SURVEY AT 13657 FT.

TEXACO OIL COMPANY
TPI UPRC NCT-1 #1

CA-BO-90021
4-3-89

TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
13657	S 28.0 E	10.10	13622.48	119.38 S	32.12 W	-119.38	0.00
13709	S 28.0 E	8.57	13673.79	126.83 S	28.16 W	-126.83	2.94
13802	S 23.2 E	6.42	13765.99	137.73 S	22.86 W	-137.73	2.41
14052	S 21.9 E	3.82	14014.97	158.30 S	14.24 W	-158.30	1.04
14302	S 27.1 E	2.48	14264.59	170.85 S	8.67 W	-170.85	0.55
14552	S 58.9 E	0.32	14514.50	176.02 S	5.61 W	-176.02	0.89
14652	N 85.0 E	0.68	14614.50	176.11 S	4.78 W	-176.11	0.46
14752	N 76.4 E	0.82	14714.49	175.89 S	3.49 W	-175.89	0.18
14852	N 34.0 E	1.32	14814.47	174.77 S	2.16 W	-174.77	0.90
14952	N 32.0 E	1.69	14914.44	172.57 S	0.73 W	-172.57	0.37
15052	N 27.5 E	1.81	15014.39	169.91 S	0.78 E	-169.91	0.18
15152	N 15.6 E	2.29	15114.33	166.59 S	2.05 E	-166.59	0.64
15252	N 7.7 E	2.05	15214.26	162.89 S	2.82 E	-162.89	0.38
15352	N 4.4 E	1.98	15314.20	159.40 S	3.20 E	-159.40	0.14
15452	N 5.1 E	1.93	15414.14	156.00 S	3.48 E	-156.00	0.06
15552	N 11.9 E	1.77	15514.09	152.81 S	3.95 E	-152.81	0.27
15652	N 15.1 E	1.81	15614.04	149.77 S	4.68 E	-149.77	0.10
15752	N 13.1 E	2.16	15713.98	146.41 S	5.52 E	-146.41	0.36
15852	N 6.9 E	3.29	15813.86	141.73 S	6.29 E	-141.73	1.17
15952	N 7.6 E	3.65	15913.68	135.72 S	7.05 E	-135.72	0.36
16052	N 10.1 E	3.60	16013.48	129.48 S	8.02 E	-129.48	0.17
16152	N 16.7 E	4.13	16113.25	122.94 S	9.61 E	-122.94	0.69
16252	N 15.4 E	3.65	16213.02	116.42 S	11.49 E	-116.42	0.49
16352	N 18.2 E	2.90	16312.86	110.95 S	13.13 E	-110.95	0.77
16452	N 32.2 E	2.47	16412.75	106.72 S	15.06 E	-106.72	0.78

THE DOGLEG SEVERITY IS IN DEGREES PER 100 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG N 0.00 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE DISPLACEMENT IS 107.78 FEET, IN THE DIRECTION OF S 8.03 E

CONFIDENTIAL

GWPC's RBDMS - Utah - [WELL INSPECTIONS]

File Edit Forms Reports View Records Admin Window Help

Incidents/Spills

Well Inspections

Date Mod 08/26/2004

Inspection Tracking | Press/Rest

Inspect No.	Type	Purpose	API Well No.	Date Inspected
TLB016860	Plugging	Routine/Periodic	43-043-30292-00-00	10/05/1989

Pressures

Actual Inj	Max Allowable	Annulus	FlowMeter

Hauler Number

Restoration — Check Denotes Compliance

Pits Filled	☑	Drilling Equipment	☑
Debris Removed	☑	Erosion Control	☐
Production Equipment	☑	Roadways Restored	☐
Landowner Waiver	☐		

Comments

Well plugged-marker post, pit reclaimed, and drilling equipment removed. The surface owner is the USDA Forest Service, reclaimation in progress will be overseen by the forest services Mountain View Ranger District, see photos. NFIN per admin.

Record: 1 of 16 (Filtered)

Form View

FLTR NUM

Start | Novell-delivered Applicati... | OIL & GAS INFORMATIO... | Well Selection Criteria | WELL INSPECTIONS | 3:16 PM

Wasatch-Cache National Forest

Contact Us

You may contact us by postal mail, phone, or email.

Due to high number of e-mail requests received, we cannot guarantee that every question will receive a reply.

The easiest and most expedient method for you to receive Forest Service information is to use our "Find a Forest or Grassland" feature (http://www.fs.fed.us). Once you find the forest/grassland(s) of your choice you may request specific information by contacting the forest/grassland directly. You may also want to try www.recreation.gov for more information about recreational opportunities on public lands.

Please check our frequently asked questions to see if the answer to your question is there.

Send postal mail to:

USDA Forest Service
Wasatch-Cache National Forest
3236 Federal Building
25 S. State Street
Salt Lake City, UT 84138
(801) 524-3900
Email
Public Lands Information Center
For all your recreation questions
on the Wasatch-Cache National Forest call:
(801) 466-6411
Hours: Tuesday - Saturday
10:30am - 7:00pm
Email
Campsite Reservation Hotline
1-877-444-6777
Wildflower Hotline
1-800-354-4595
April-August

Phone:
(801)524-3900

Email:
Wasatch-Cache webmaster

Union Station Information Center
For recreation questions
on the Intermountain Region
or the Wasatch-Cache National Forest call:
(801) 625-5306

Pineview Reservoir
(801) 625-5306
Fall Colors Hotline
1-800-354-4595
August-November

Ranger Districts

Evanston Ranger District
1565 Highway 150, Suite A
P.O. Box 1880
Evanston, WY 82930
(307) 789-3194
Logan Ranger District
1500 East Highway 89
Logan, UT 84327
(435) 755-3620
Ogden Ranger District
507 25th Street
Ogden, UT 84403
(801) 625-5112

Kamas Ranger District
50 East Center Street
P.O. Box 68
Kamas, UT 84036
(435) 783-4338
Mountain View Ranger District
P.O. Box 129
Mountain View, WY 82939
(307) 782-6555
Salt Lake Ranger District
6944 South 3000 East
Salt Lake City, UT 84121
(801) 733-2660

For security reasons, we no longer provide detailed lists of employee names and phone numbers by organization. However, you may search for an individual employee by name.