

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Tenneco Oil Company

3. ADDRESS OF OPERATOR
 Penthouse, 720 South Colorado Blvd., Denver, Colorado 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 460 FEL, 1487 FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 19 miles north, northwest of Westwater, Utah (see exhibit)

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 16. NO. OF ACRES IN LEASE 560.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH 4850'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5596 ground

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23# K55	±700'	Circulate to surface
6 1/4"	4 1/2" new	10.5# K55	±4850'	Cover all possible productive zones

5. LEASE DESIGNATION AND SERIAL NO.
U-41374

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tenneco USA

9. WELL NO.
12-9

10. FIELD AND POOL, OR WILDCAT
Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12, T17S, R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

DUPLICATE

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

Set 1-3 joints of 9 5/8" casing as conductor
 Pre-staking request attached.
 Archaeology clearance done August 1979.

Spaced under Order 165-4.
 Exception to 500' rule has been applied for.

NOV 3 1980

DIVISION OF
OIL, GAS & MINING

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

24. SIGNED [Signature] TITLE Staff Production Analyst DATE May 15, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Henricks TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE OCT 9 1 1980

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

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

u State O + G

TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation:
2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered.
10. The drilling of this well will start approximately (June/July) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

DRILLING PROCEDURE

DATE: February 21, 1980

LEASE: Tenneco USA

WELL NO.: 12-9

(PROPOSED)
LOCATION: 1487' FSL, 460' FEL
Sec. 13, T 17S, R 24E
Grand County, Utah

FIELD:

ELEVATION: 5580' Est. G.L.

TOTAL DEPTH: 4850'

PROJECTED HORIZON: Morrison

SUBMITTED BY: John W. Owen

DATE: 2/21/80

APPROVED BY: _____

DATE: _____

JWO/ms

CC: Administrative (D.T. - 1)
DSB Well File
Field File

ESTIMATED FORMATION TOPS

Mesa Verde	Surface
Mancos	210'
Castlegate	460' (Water and/or gas)
Frontier	3725'
Dakota Silt	3980'
Dakota	4090' (Gas)
Morrison	4205' (Gas and/or water)
Salt Wash	4630'
Entrada	N/A
T.D.	4850'

1. No abnormal pressure, temperature, or H₂S is anticipated in this well.
2. Reserve pit shall be fenced on three sides during drilling operations.

DRILLING, CASING, AND CEMENT PROGRAM

1. MIRURT.
2. Set 1-3 joints of 9 5/8" casing as needed to be used as conductor pipe.
3. Install casing head and nipple up rotating head and bleed line.
4. Drill 8 3/4" hole to $\pm 700'$, or through the Castlegate Formation.
5. Run 7", 23#, K-55, ST&C surface casing to T.D. Cement with sufficient volume to circulate cement to the surface.
6. WOC. Nipple up BOP's, rotating head, choke manifold, etc. Pressure test BOP's, manifold, etc., to 1000 psi for 15 minutes.
7. TIH and displace water in casing with air. Drill out shoe and dry up hole.
8. Drill 6 1/4" hole to T.D.
9. Log well as per G. E. Department recommendations.
10. If well is productive, run 4 1/2", 10.5#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
11. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

CONDUCTOR:	30' to 125' as needed.	9-5/8", 36#, K-55, ST&C
SURFACE: $\pm 700'$	7", 23#, K-55, ST&C	
PRODUCTION: 4850'	4-1/2", 10.5#, K-55, ST&C	

MUD PROGRAM

1. Anticipate drilling entire hole with air.
2. In the event liquids are encountered, mist drilling will be attempted.
3. Should mist drilling be unsuccessful, the hole will have to be mudded up.
4. Also, if gas is encountered in sufficient volume to compromise the safety of the operations, mudding up will be required.
5. If mudding up is necessary, the following guidelines should be followed:
 - (1) Weight + 9.0 ppg.
 - (2) Vis. as needed to clean hole.
 - (3) W.L. 10 cc or less.

EVALUATION

Cores and DST's: No cores or DST's are anticipated.

Deviation Surveys:

0-+ 700' 1°)
700'-T.D. 5°) Surveys to be run every 500' or on trips, whichever comes first. Surveys will be reported on the IADC Drilling Report Sheet.

Maximum allowable deviations:

- (1) 1° per 100' intervals
- (2) 1° at 700'
- (3) 5° at T.D.

Samples: None.

<u>Logs:</u>	SNP/GR)		FDC/CNL)	
	FDC/GR)	Air Drilled	DIL/LL8 w/sp)	Mud Drilled
	DIL)				

BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air/mist holes.
3. Preventers must be checked for operation every 24 hours. This check MUST BE RECORDED on the IADC Drilling Report Sheet

REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

1. 303-758-7130 (Office) Don Barnes
303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.)
303-936-0704 (Home) Don Barnes, weekends and holidays.
2. George Ramsey (Home) 303-771-5154.
3. John Owen (Home) 303-795-0221.

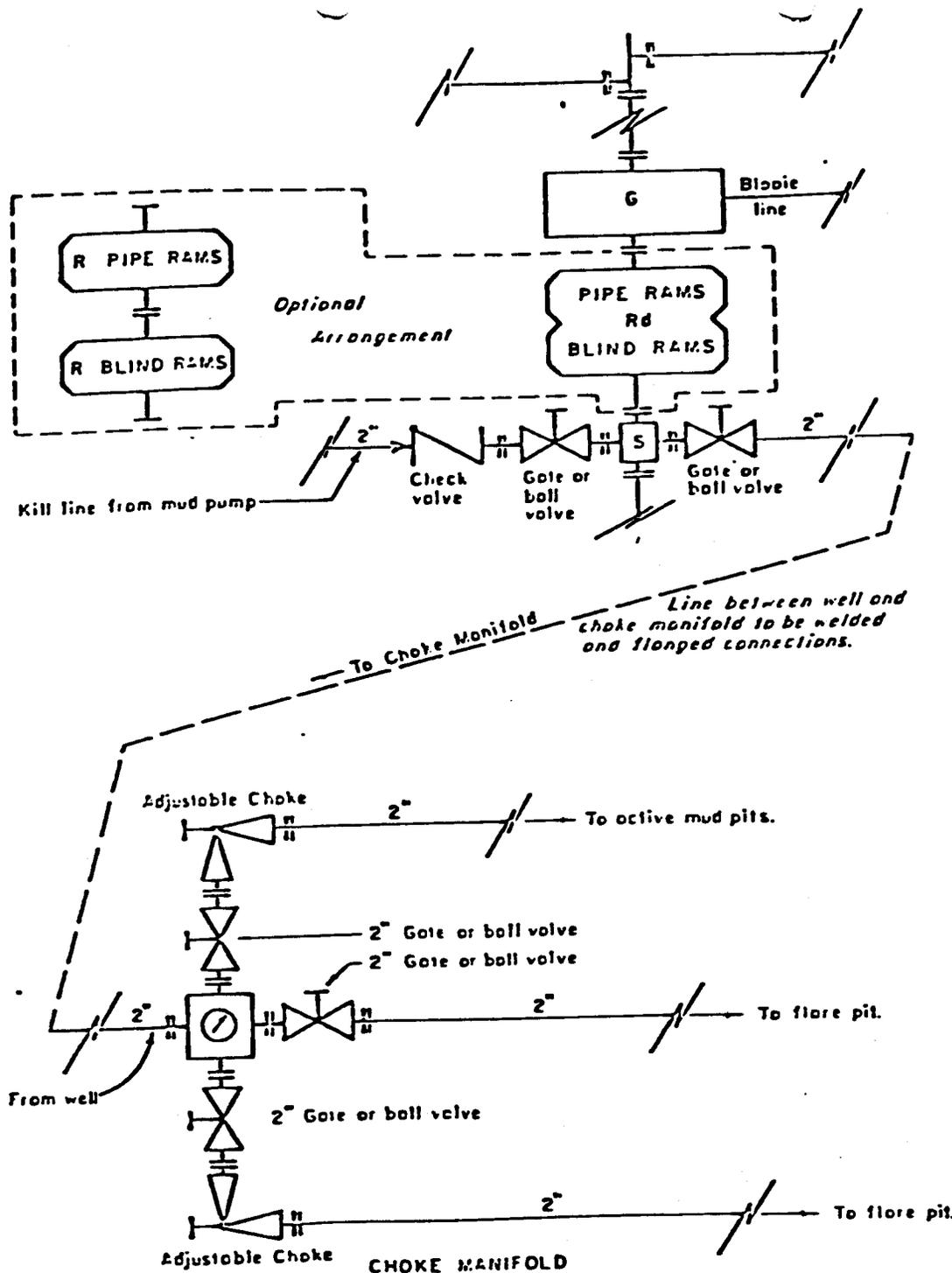
The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD
DENVER, COLORADO 80222

ATTENTION: Drilling Department

IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

1. Mr. Don Barnes, Division Drilling Engineer.
2. Mr. George E. Ramsey, Jr., Drilling Engineers Supervisor
3. Mr. John W. Owen, Project Drilling Engineer.
4. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).



- All equipment to be 3,000 psi working pressure except as noted.
- Rd Double ram type preventer with two sets of rams.
 - R Single ram type preventer with one set of rams.
 - S Drilling spool with side outlet connections for choke and kill lines.
 - G Rotating head 150 psi working pressure minimum

ARRANGEMENT C

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
REQUIRED MINIMUM
BLOWOUT PREVENTER AND
CHOKES MANIFOLD

J. MAGILL 10-26-70 EVI

I. EXISTING ROADS

(a) Proposed Well Site Location: As surveyed by a registered land surveyor, is located 460 FEL, 1487 FSL, Sec. 12, T17S, R24E, Grand County, Utah. See Exhibit I.

(b) Planned Access Route: All Roads are existing. The existing access will have to be moved approximately 70' east in order to avoid conflict with construction of the drill site. See Exhibits II, III & IV.

(c) Access Road Labelled:

Color Code: Red - Improved surfaced roads
Blue - New access road to be constructed.

(d) Not applicable, the proposed well is a development well.

(e) The existing roads are show in Exhibit II & III.

(f) Existing Road Maintenance or Improvement:

The existing road will not require improvement. However, this road, along with the new access road, may require occasional grading to return the road surface to a cross section necessary for proper drainage.

II. PLANNED ACCESS ROUTE

(a) Route Location - (See Exhibits II and III)

The planned new access route was selected to provide the shortest distance to the well site with acceptable grades from the main connector road. Temporary access will be built initially, if the facility is productive, the temporary road will be improved as follows: (No new road construction. The existing road will be re-routed around the location.)

(1) Width:

The average dirt width will be twenty feet. The average traveled surface width will be twenty feet. Road construction will be in accordance with typical roadways requested by the U. S. Bureau of Land Management.

(2) Maximum Grades:

The maximum grade will be 15% percent, however, this may vary as topographical conditions vary.

- (3) Turnouts: Turnouts are not required

- (4) Drainage Design:
Prior to construction of the new access road, the brush and topsoil will be windrowed to each side of the alignment outside construction limits. The subgrade surface will be a minimum elevation of one foot above ditch grade. The road surface will be center crowned and the inslopes will have a maximum slope of 3:1 and fill slopes will be a maximum of 2:1.

- (5) Culverts Use, Major Cuts and Fills: Culverts will be placed as needed and suggested by the BLM.

Max: cut - 5'
Max: fill - 5'

- (6) Surfacing Material:
The proposed permanent access road will be constructed with native material.

- (7) Gates, Cattleguards, Fence Cuts:

Not needed

- (8) New portion of road ~~will be~~^{is} center flagged

III. LOCATION OF EXISTING WELLS

The proposed well is a development well. Exhibit V shows existing wells within a one mile radius.

- A. Water Wells: N/A
- B. Abandoned Wells: Exhibit V
- C. Temporarily Abandoned Wells: Exhibit V
- D. Disposal Wells N/A
- E. Drilling Wells N/A
- F. Producing Wells: See Exhibit V
- G. Shut-In Wells: Exhibit V
- H. Injection Wells: N/A
- I. Monitoring or Observation Wells: None.

IV LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Existing facilities within one mile owned or controlled by Lessee/Operator:

- (1) Tank batteries - N/A
- (2) Production facilities - N/A
- (3) Oil Gathering Lines - N/A
- (4) Gas Gathering Lines - See Exhibit VI
- (5) Injection Lines - N/A
- (6) Disposal Lines - N/A

B. New Facilities in the Event of Production:

- 1. New facilities: well head, condensate tank, production unit, meter house
- 2. Dimension of the facilities are shown in Exhibit VII & VIII.
- 3. Construction will be to strip the topsoil, level drilling pad. Dehydrator pits will be constructed with soil materials native to the site. Construction methods will be employed to assume that no drainage flows are impounded to prevent the loss of any hydrocarbon from the site. This is to be done in a manner to facilitate rapid recovery and clean up.
- 4. Protective measures to protect wildlife and livestock: Dehydrator pits shall be overhead flagged should any hydrocarbon material be present on the surface. The dehydrator pits shall be fenced to prevent entry of livestock or wildlife.

C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas not required for continued usage will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to BLM specifications.

V. LOCATION AND TYPE OF WATER SUPPLY

- (a) The water source is from Bill Buniger who will release into West Salt Creek.
- (b) Water Transportation system: Water to be hauled in trucks from an undetermined pick up point. These trucks will use the same routes as the service trucks.
- (c) Water Wells: None

VI. SOURCE OF CONSTRUCTION MATERIALS

(a) Materials:

Construction materials will consist of soil encountered with the boundaries of the proposed site. Topsoil will be stripped to a depth of six inches and stockpiled in an area that does not interfere with operations.

(b) Land Ownership:

The planned site and access roads lie on Federal land administered by the United States Department of Interior, U.S. Bureau of Land Management.

(c) Materials Foreign to Site: NA

(d) Access road shown under Exhibit II & III.

VII. METHODS OF HANDLING WASTE MATERIALS

(a) Cuttings:

Will be contained within the limits of the reserve pit.

(b) Drilling Fluids:

Will be retained in the reserve pit.

(c) Produced Fluids:

No substantial amount of water is expected. The amount of hydrocarbon that may be produced while treating will be retained in the reserve pit. Previous to clean up operations the hydrocarbon materials will be skimmed or removed as the situation would dictate.

(d) Sewage::

Sanitary facilities will consist of at least one pit toilet. Waste will be contained in a pit and backfilled immediately following the drilling operations.

(e) Garbage:

A burn pit will be constructed and fenced with small mesh wire. The small amount of refuse will be buried upon completion, with a minimum three foot cover.

(f) Clean up of well site:

After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The "mouse hole and rat hole" will be backfilled to prevent injury and hazard for livestock. Reserve pit will be fenced until dry and it can be backfilled and restored to natural terrain.

VIII. ANCILLARY FACILITIES

None required.

IX. WELL SITE LAYOUT

1. See Exhibits VII & VIII
2. Location of pits: VII
3. Rig Orientation: VIII

4. Pits will be unlined, unless otherwise required.

X. PLANS FOR RESTORATION OF SURFACE**A. Reserve Pit Cleanup:**

The pit will be fenced prior to rig release and shall be maintained until clean up. Previous to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of the site.

B. Restoration Plans - Production Developed:

The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C. Restoration Plans - No Production Developed:

Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Bureau of Land Management requirements.

X. PLANS FOR RESTORATION OF SURFACE

A. Reserve Pit Cleanup:

The pit will be fenced prior to rig release and shall be maintained until clean up. Previous to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of site.

B. Restoration Plans - Production Developed:

The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C. Restoration Plans - No Production Developed:

Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and reseeded per Bureau of Land Management requirements.

XI. OTHER INFORMATION

- The proposed site is located up San Arroyo Canyon in
- A. Surface Description: an area of broken topography with sandy soil supporting pinon, juniper, brush and native grasses.
- B. Other Surface - Use Activities: The surface is federally owned and managed by the BLM/USGS. The predominant surface use is mineral exploration and production.
- C. Proximity of Water, Dwelling, Historical Sites:
1. Water: No reservoirs or live streams in the area.
 2. Occupied Dwellings: Not existing.

3. Historical Sites: An Archaeological Reconnaissance has been performed for this location and clearance has been granted.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

Donald Barnes
720 So. Colorado Boulevard
Denver, Colorado 80222
Office: (303) 758-7130
Extension 212

M. L. Freeman
720 So. Colorado Boulevard
Denver, Colorado 80222
Office: (303) 758-7130
Extension 278

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors will conform to this plan.

DATE: May 15, 1980



M. L. Freeman
Staff Production Analyst



United States Department of the Interior

IN REPLY REFER TO
3100
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

July 9, 1979

Ms. Donna Nyby
Palmer Oil & Gas Co.
P. O. Box 2564
Billings, Montana 59103

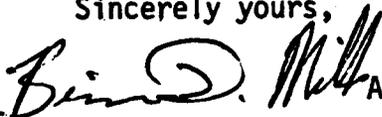
Reference: Staking Request
Palmer Oil & Gas Co.
Federal #12-9, Lease U-41374
SE $\frac{1}{4}$, Section 12
T. 17 S., R. 24 E., SLB & M
Grand County, Utah

Dear Ms. Nyby:

This office has no objections to staking the above referenced location.

An archaeological clearance must be obtained after staking the site.

Sincerely yours,

 Acting

C. Delano Backus
Area Manager

Enclosure:
Archaeologist List

cc:
Ed Guynn



Save Energy and You Serve America!

ARCHAEOLOGICAL PROJECT RECORD

Send Invoice to: Palmer Oil & Gas

PEC # _____
Project name 12-9 Federal
County Grand State Utah

Ordered by: _____
phone: _____

Date: order accepted Aug. 7, 1979

Send reports to _____

Assigned to Eagle date 8/7
Files search: _____
(date) (place)

Desc.: well pad and access

Field work complete date _____

Location: 1487 FS 460 EE
Sec. 12, T 17S, R 24E

Proj. Summ. complete date _____
mailed _____

Access/Entry _____

Final report complete date _____
mailed _____

Invoice to Denver, date _____
amount _____

Fed. Agency _____
Landowner _____
address _____
contacted by _____ phone _____
date _____

Billing:
Field: well pad _____ hrs; \$ _____
access _____ hrs; \$ _____
_____ hrs; \$ _____
_____ hrs; \$ _____
Lab: report _____ hrs; \$ _____
Additional _____

Date staked/flagged Ready

Total Field Service Fee \$ _____

Field contact persons _____

Remarks: _____

Date: needed ASAP Latest _____
RUSH (extra charge) _____

Report to _____

IF THE ABOVE INFORMATION DOES NOT AGREE
WITH YOUR ORDER, PLEASE CONTACT US
IMMEDIATELY.

Persons contacted: _____

Order read back to the client by:
Schultz
office: Grand Junction

POWERS ELEVATION COMPANY, INC.
Archaeological Division
P.O. Box 1199
Eagle, Colorado 81631
Phone: (303) 328-7374

*Copy of Report available upon
request*



Tenneco Oil
Exploration and Production
A Tenneco Company



Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado

November 17, 1980

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

RECEIVED

NOV 19 1980

Re: Tenneco USA 12-9
460 FEL, 1487 FSL
Sec. 12, T17S, R24E
Grand County, Utah

DIVISION OF
OIL, GAS & MINING

Dear Mr. Feight,

Attached is the Application for Permit to Drill the referenced well. We have recently received approval from the U.S.G.S. pending approval from your office of the unorthodox location.

We therefore respectfully request permission for an exception to order 165-4 for topographic reasons as shown on the attached map. We also request approval of the Application to Drill as submitted.

If any additional information is needed please contact me.

Yours very truly,

TENNECO OIL COMPANY

M. L. Freeman
Staff Production Analyst

MLF/rr
Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Tenneco Oil Company

3. ADDRESS OF OPERATOR
 Penthouse, 720 South Colorado Blvd., Denver, Colorado 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 460 FEL, 1487 FSL NE SE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 19 miles north, northwest of Westwater, Utah (see exhibit)

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

16. NO. OF ACRES IN LEASE
 560.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

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

19. PROPOSED DEPTH
 4850'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5596 ground

22. APPROX. DATE WORK WILL START*
 June/July 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23# K55	±700'	Circulate to surface
6 1/4"	4 1/2" new	10.5# K55	±4850'	Cover all possible productive zones

Set 1-3 joints of 9 5/8" casing as conductor.
 Pre-staking request attached.
 Archaeology clearance done August 1979.
Spaced under Order 165-4.

APPROVED BY THE DIVISION
 OF OIL, GAS, AND MINING
 DATE: 11/24/80
 BY: [Signature]

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

24. SIGNED [Signature] TITLE Staff Production Analyst DATE 11/14/80

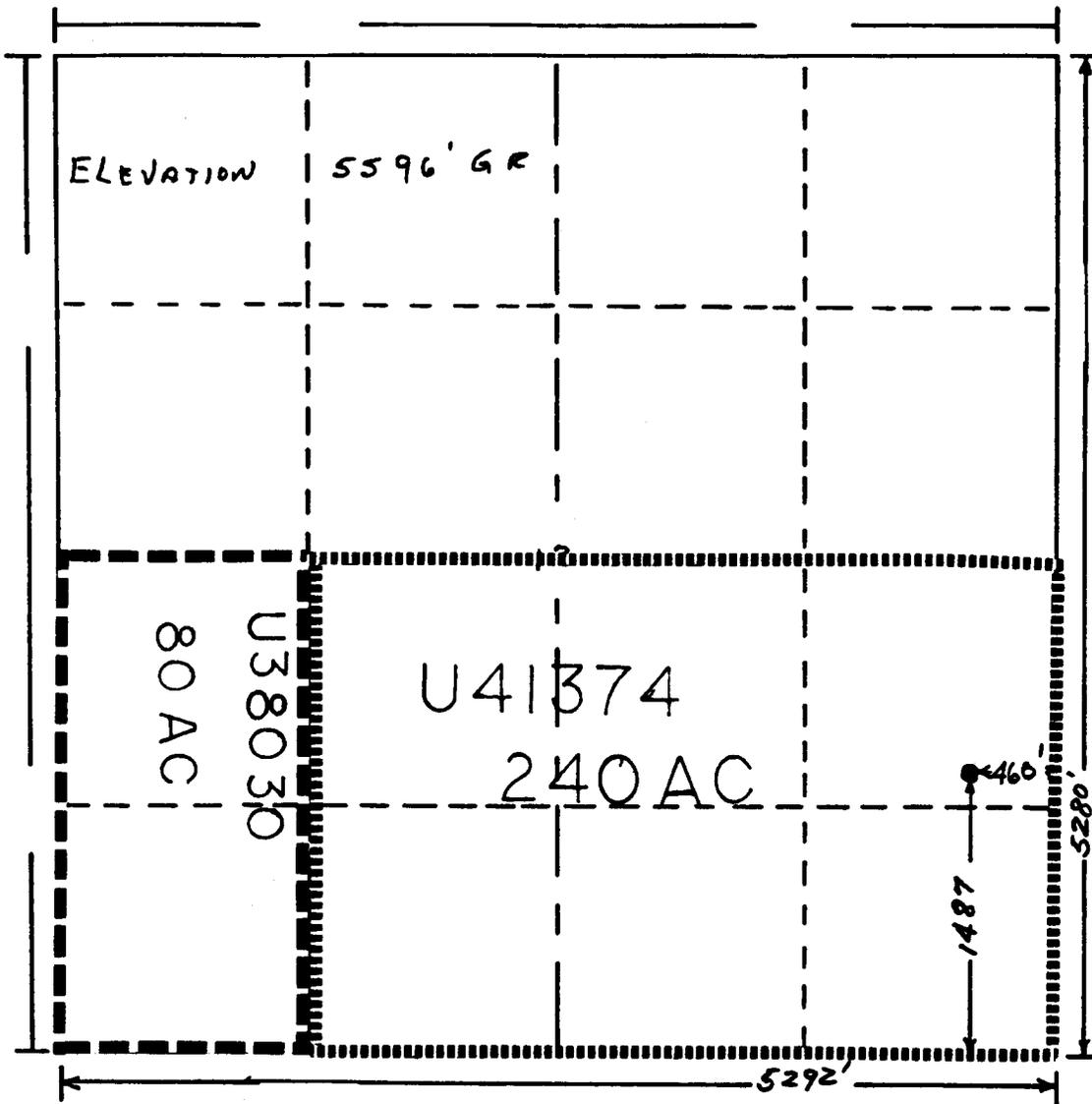
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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



R. 24.E.



T. 17 S.

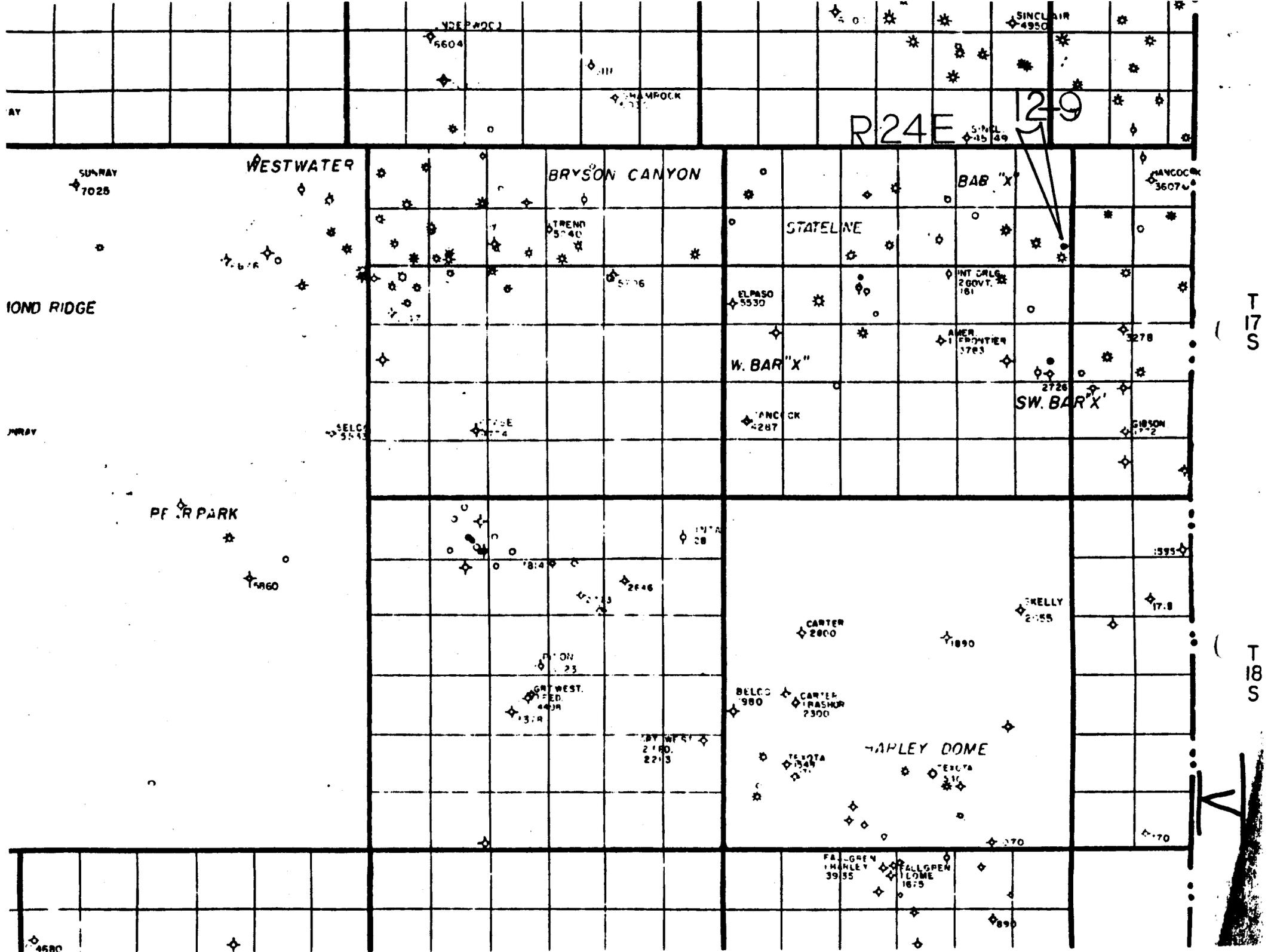
Scale... 1" = 1000'

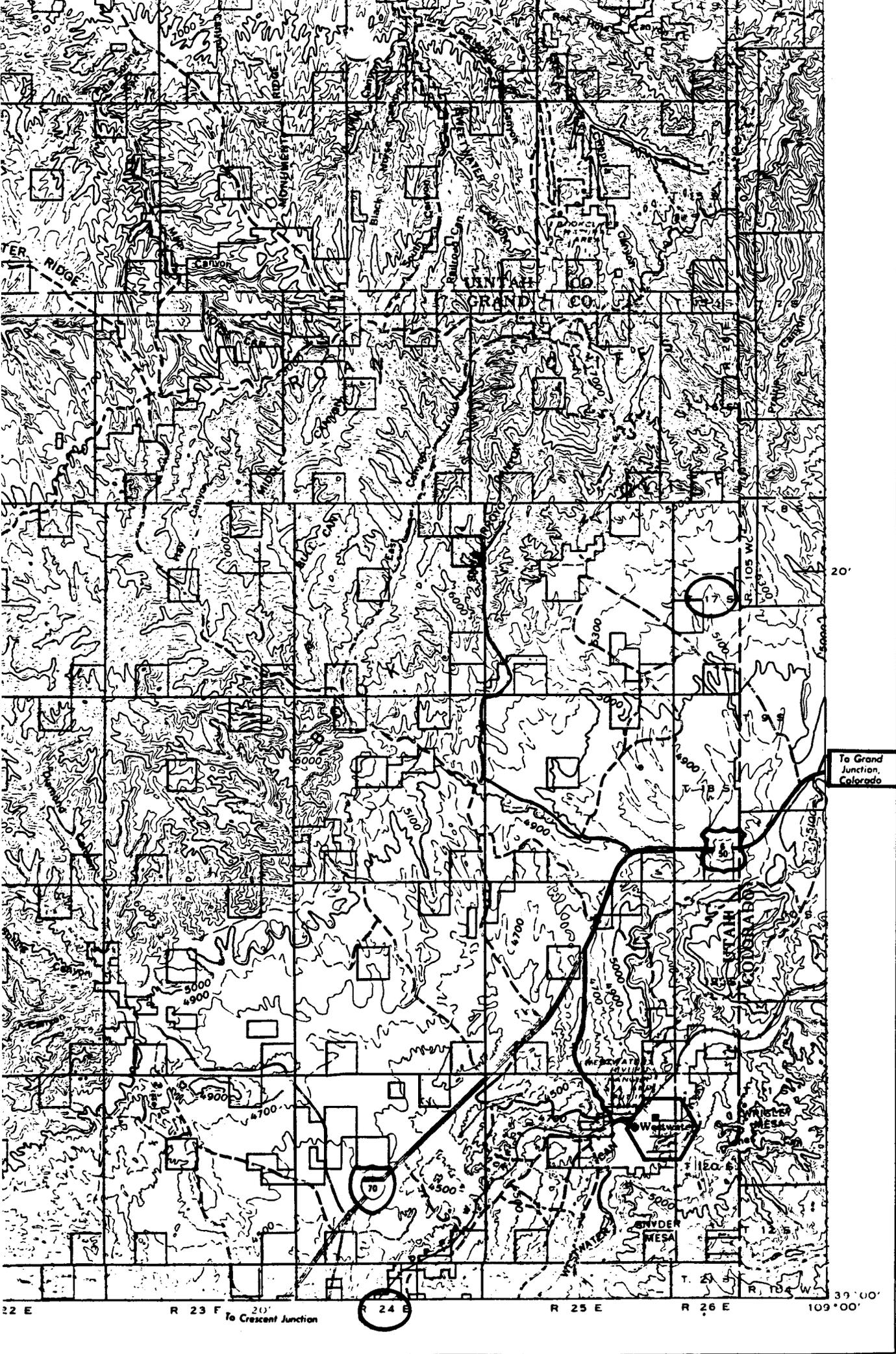
Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from JIM ROUTSON for PALMER OIL & GAS Co. determined the location of #12-9 FEDEEX to be 1487' FS & 460' FE Section 12 Township 17 S Range 24.E. OF SALT LAKE PRINCIPAL Meridian GRAND County, UTAH

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

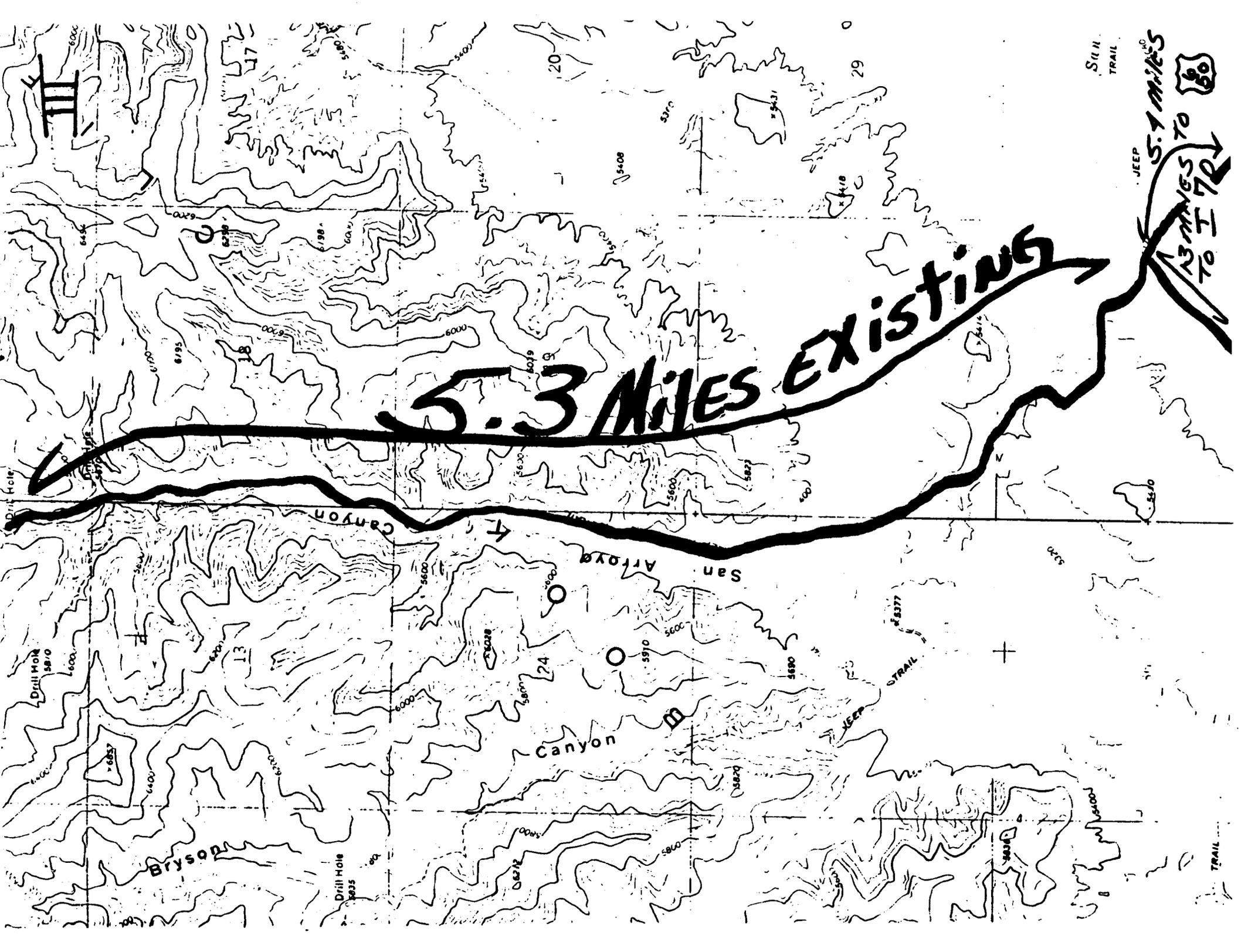
Date: 7-24-79

T. Nelson
 Licensed Land Surveyor No. 2711
 State of UTAH





To Grand Junction, Colorado



5.3 MILES EXISTING

JEEP TRAIL
5.1 MILES TO 60
13 MILES TO I 70

5.1 MILES
TRAIL

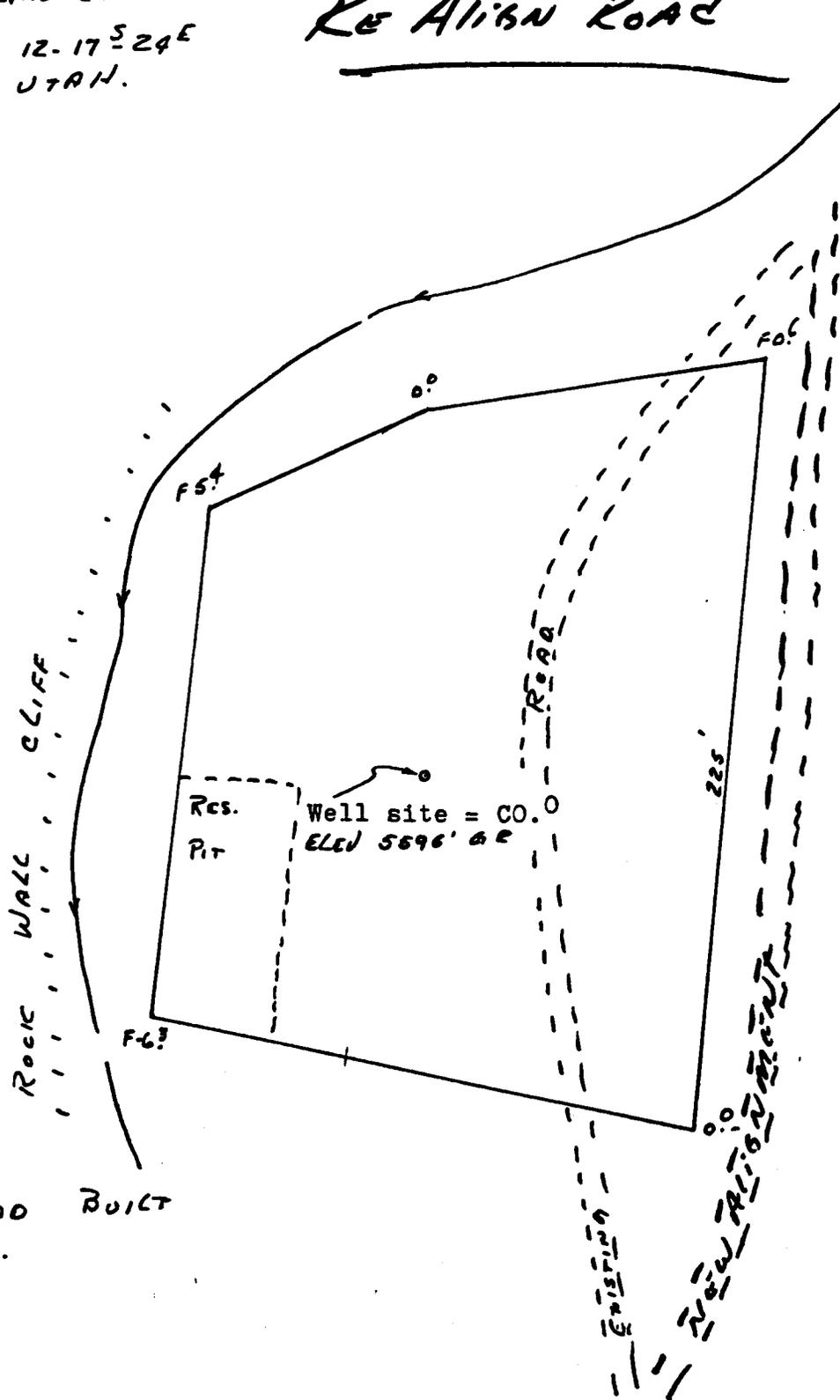
TRAIL

TOPOGRAPHIC MAP

IV

PALMER OIL & GAS CO
#12-9 FEDERAL
1487'FS & 460'FE 12-17-24E
GRAND COUNTY, UTAH.

RE ALIGN ROAD



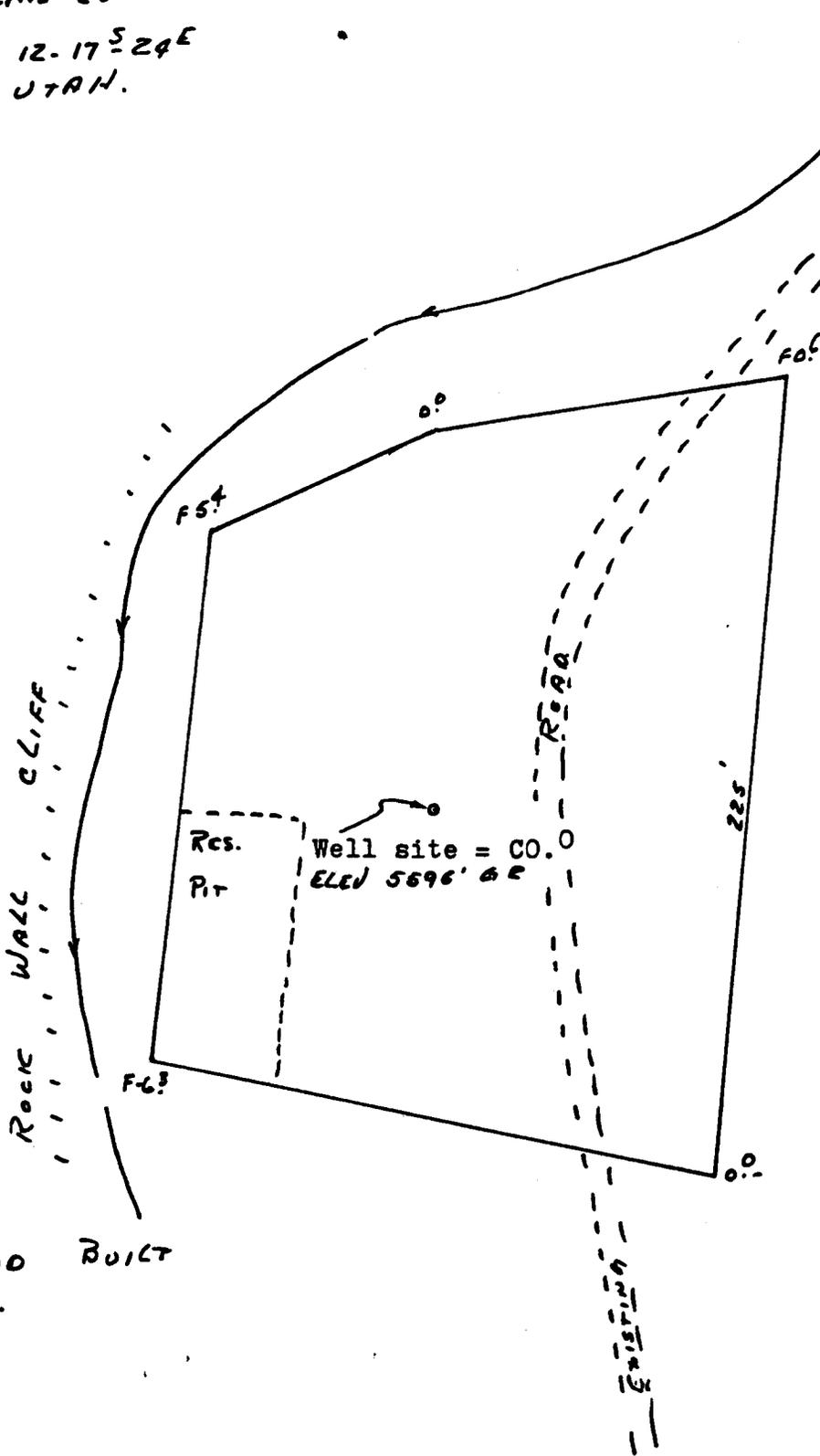
PIT & PAD BUILT
IN 1961.

by: LEONARD CHRISMAN
Powers Elevation Company, Inc.
7-24-79.

TOPOGRAPHIC MAP

VII

PALMER OIL & GAS CO.
#12-9 FEDERAL
1487'FS & 460'FE 12-17-29E
GRAND COUNTY, UTAH.



PIT & PAD BUILT
IN 1961.

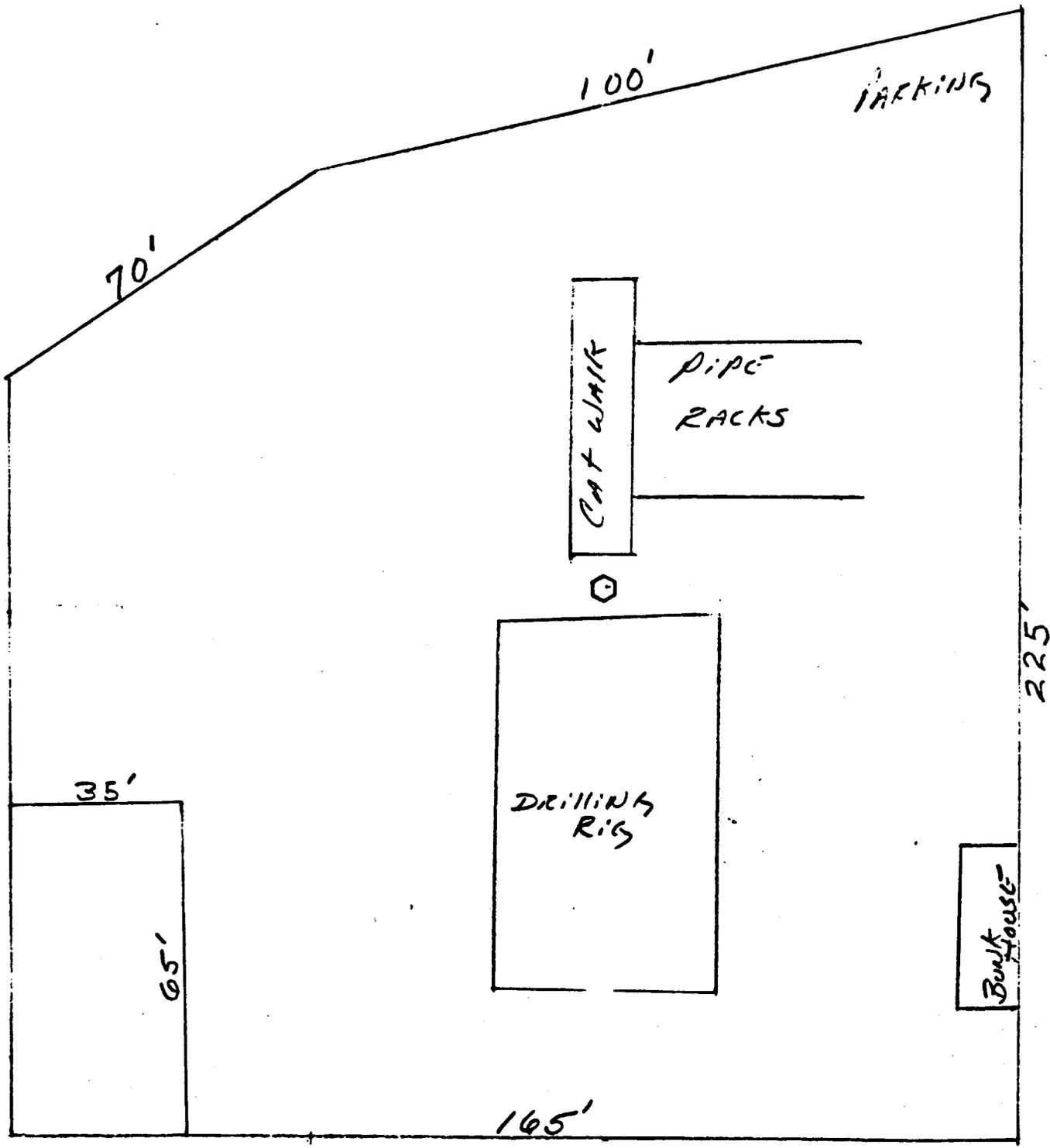
by: LEONARD CHRISMAN
Powers Elevation Company, Inc.
7-24-79.

TENNECO OIL COMPANY

CALCULATION SHEET

EXHIBIT VIII

COMPANY
SUBJECT DRILLING WELL SITE LAYOUT TENNECO USA 12-9
LOCATION DATE





United States Department of the Interior

IN REPLY REFER TO

3100
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

July 2, 1980

Memorandum

To: Oil and Gas Office, USGS Conservation Division
P.O. Box 3768, Grand Jct., CO

From: Area Manager, Grand Acting

Subject: Tenneco Oil Company
Tenneco USA 12-9, Lease U-41374
NESE Section 12, T. 17 S., R. 24 E.
Grand County, Utah

On May 25, 1980, a representative from this office met with Glen Doyle, USGS, and Lee Freeman agent of Tenneco Oil Company for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Tenneco Oil Company.

C. Delano Backus

Enclosures (2)
1-Reclamation Procedures
2-Seed Mixture



08 JUL REC'D

Save Energy and You Serve America!

Oil and Gas Drilling

EA No. 447-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date July 14, 1980

Operator Tenneco Oil Co. Well No. 12-9
Location 460' FEL 1487' FSL Section 12 Township 17S Range 24E
County Grand State Utah Field/Unit Wildcat
Lease No. U-41374 Permit No. _____

Prepared by: Glenn M. Doyle
Environmental Scientist
Grand Junction, Colorado

Joint Field Inspection Date: June 25, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Lee Freeman, John Owen</u>	<u>Operator</u>
<u>Dallas Galley, Bill Buniger</u>	<u>Dirt Contractors</u>
<u>Elmer Duncan</u>	<u>Bureau of Land Management</u>
<u>Glenn Doyle, John Connor</u>	<u>U. S. Geological Survey</u>
_____	_____
_____	_____
_____	_____

*Admin Comp 2
Feb 165 x 225
Pit 25 x 120
225 x 20' new access
1 ac
Loc cont. tracked
Cor 27 1968
1-6*

Related Environmental Documents:

- BLM-Moab, Book Mountain Unit Resource Analysis.
- BLM-Utah, 1979, Final initial wilderness inventory, USDI, August, 50 pp.

lengthened from the SW to the NW, narrowed, and rock rip-rap stockpiled on the backslope side of the blooie pit dirt bank to stabilize it.

2. Drilling
3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - The area is characterized by south-sloping, highly dissected plateau with steep-walled canyons cut by ephemeral streams.

PARAMETER

A. Geology - The surface formation is Mesa Verde, Cretaceous in age. Other formations are listed in the 10-Point Subsurface Plan.

Information Source: Application to Drill.

1. Other Local Mineral Resources to be Protected: None

Information Source:

2. Hazards:

a. Land Stability: Location and access built on Mesaverde Sandstone. Material is stable, provided the slopes are moderate and moisture content is low.

Information Source: Application to Drill and Field observation.

b. Subsidence: Subsidence can occur with the withdrawal of oil, gas, and/or water.

Information Source: Keller, Edward A., 1976, Environmental geology, Charles E. Merrill, 488 pp.

c. Seismicity: Seismic risk: low. Statistically, greatest damage would be moderate corresponding to intensity VII of Modified Mercalli Intensity Scale, 1931.

Information Source: Algermissen, S. T., and Perkins, David M., 1977, Earthquake hazards map of the United States, Reprint from Earthquake Information Bulletin, 9(1) Jan-Feb., 4 pp.; Perkins, David M., 1974, Seismic risk maps, Reprint of Earthquake information bulletin, 6(6) Nov-Dec.; von Hake, Carl A., Earthquake History of Utah, NOAA.

d. High Pressure Zones/Blowout Prevention: No high pressure zones expected. Blowout prevention systems detailed in APD.

Information Source: Application to Drill.

B. Soils

1. Soil Character: No detailed soil surveys done in area. Changes in soil fertility, horizons, slope stability, etc., cannot be predicted. Soils are considered nitrogen-poor, alkalic soils that support the salt-desert community.

Information Source: Field observation.

2. Erosion/Sedimentation: Erosion/sedimentation would increase as would runoff potential. Extent of increases unpredictable without site-specific studies being done.

Information Source: Field observation.

C. Air Quality - Wellsite lies in Class II attainment area. No Class I attainment areas are near, or adjacent to, proposed location.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

D. Noise Levels - Ambient noise levels temporarily elevated. Personnel safety could be jeopardized. Wildlife would avoid area.

Information Source: Field observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The main San Arroyo Canyon drainage borders the location on the west. The channel is deep (approx. 15') and should not be impaired or blocked by construction of the pad or access. No significant impacts to surface water systems are expected, provided the operator maintains all adverse substances either on the pad or in a fluid-tight reserve pit.

Information Source: Field observation.

b. Groundwaters: Contamination to groundwaters through commingling with drilling fluids is possible.

Information Source: Field observation.

2. Water Quality

a. Surface Waters: Release of produced and/or circulating fluids from the reserve pit could cause a significant adverse affect on surface water quality, depending on fluid's chemical composition.

Information Source: Field observation.

b. Groundwaters: Operator proposes 100' of surface casing. Commingling of drilling fluids with potentially usable water could render groundwater unusable. Pits would be lined with two to three inches of bentonite if excessive rock material is encountered during pit construction. Otherwise, it should be unlined.

Information Source: Application to Drill and Field observation.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the Bureau of Land Management on July 8, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Construction would remove about .97 acres of vegetation increasing potential for non-point erosion and decreasing soil fertility.

Information Source: Application to Drill.

3. Fauna: Vegetation removal reduces wildlife habitats and food sources. Deer are not known to winter in the area. No known migratory bird nesting areas, strutting or breeding grounds, or fish-spawning areas would be impacted by proposed action.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

G. Land Uses

1. General: Oil and gas operations, recreation, and grazing are major land uses. Amount and quality of land available to livestock, wildlife, and recreationists would be reduced during well life.

Information Source: Field observation.

2. Affected Floodplains and/or Wetlands: N/A

Information Source: Field observation.

H. Aesthetics: Operation would not blend with natural surroundings. Most likely unappealing to recreationists. Impact duration: life of well.

Information Source: Field observation.

I. Socioeconomics: The effect of one well on local and regional population and economy would be considered minor. If major discovery, then consider: Population increase, community services taxed, resources depleted, cumulative impacts multiply, pipelines and transportation routes expand.

Information Source: G. Doyle, Environmental Scientist, USGS.

J. Cultural Resources Determination: Based on the formal comments received from the Bureau of Land Management on July 8, 1980, we determine that there would be no effect on cultural resources subject to no stipulations.

Information Source: Bureau of Land Management-Moab.

K. Adequacy of Restoration Plans: Rehabilitation plan judged as adequate. Problems hampering restoration: a) Area subject to short growing season; b) limited precipitation during growing season; and c) generally, very little topsoil which has limited organic matter and is low in fertility.

Information Source: G. Doyle, Environmental Scientist, USGS.
David Oberwager, Env. Spec. (Reclamation), USGS-AOSO.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

a. About .97 acres of vegetation would be removed, increasing and accelerating erosion potential.

b. Pollution of groundwater systems ^{could} would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

d. The potential for fires, leaks, spills of gas and oil or water exists.

- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to San Arroyo Wash would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
- i. Other
 - 1) Due to rig change, the reserve pit would need to be lengthened to the north.
 - 2) The blow line would blow cuttings into San Arroyo Wash if the backslope of the blow pit were to fail.
 - 3) Both cattle and sheep could be endangered by toxic or hazardous fluids in the reserve pit if it is not properly fenced.

2. Conditional approval

- a. All adverse impacts described in section one above would occur, except
 - 1) To accommodate the rig, the reserve pit would be extended to the north.
 - 2) To stabilize the backslope of the blow pit against failure, large rip-rap boulders should be emplaced.
 - 3) By fencing the reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off, hazards posed by fluids to livestock and wildlife would be mitigated.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

- 1. See attached Lease Stipulations.

2. See attached BLM Stipulations.
3. Lengthen reserve pit to the north. Dimensions 25' x 120'.
4. Stabilize blooie pit backslope with rock rip-rap on the wash side (west).
5. Fence reserve pit on three sides prior to drilling, and on the fourth side once the rig moves off.
6. Coordinate with Grand County regarding access road reroute.

Controversial Issues and Conservation Division Response: None known.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).



District Engineer
U. S. Geological Survey
Conservation Division
Oil & Gas Operations
Salt Lake City District

AUG 08 1980

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Area Oil and Gas Supervisor or
District Engineer (Address, include zip code)

SURFACE DISTURBANCE STIPULATIONS

Management Agency (name)

Address (include zip code)

See reverse side.

See reverse side.

1. Notwithstanding any provision of this lease to the contrary, any drilling, construction, or other operation on the leased lands that will disturb the surface thereof or otherwise affect the environment, hereinafter called "surface disturbing operation," conducted by lessee shall be subject, as set forth in this stipulation, to prior approval of such operation by the Area Oil and Gas Supervisor in consultation with appropriate surface management agency and to such reasonable conditions, not inconsistent with the purposes for which this lease is issued, as the Supervisor may require to protect the surface of the leased lands and the environment.

2. Prior to entry upon the land or the disturbance of the surface thereof for drilling or other purposes, lessee shall submit for approval two (2) copies of a map and explanation of the nature of the anticipated activity and surface disturbance to the District Engineer or Area Oil and Gas Supervisor, as appropriate, and will also furnish the appropriate surface management agency named above, with a copy of such map and explanation.

An environmental analysis will be made by the Geological Survey in consultation with the appropriate surface management agency for the purpose of assuring proper protection of the surface, the natural resources, the environment, existing improvements, and for assuring timely reclamation of disturbed lands.

3. Upon completion of said environmental analysis, the District Engineer or Area Oil and Gas Supervisor, as appropriate, shall notify lessee of the conditions, if any, to which the proposed surface disturbing operations will be subject.

Said conditions may relate to any of the following:

- (a) Location of drilling or other exploratory or developmental operations or the manner in which they are to be conducted;
- (b) Types of vehicles that may be used and areas in which they may be used; and
- (c) Manner or location in which improvements such as roads, buildings, pipelines, or other improvements are to be constructed.

For all counties in Utah except San Juan County:

Area Oil and Gas Supervisor
Geological Survey,
P. O. Box 2859
Casper, Wyoming 82601

For San Juan County:

Area Oil and Gas Supervisor
Geological Survey,
P. O. Box 26124
Albuquerque, New Mexico 87125

Form 3109-5 (August 1973)

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U 41374

OPERATOR: TENNECO OIL CO. WELL NO. 12-9

LOCATION: SE 1/4 NE 1/4 SE 1/4 sec. 12, T. 17S, R. 24E, SLM

GRAND County, UTAH

1. Stratigraphy:	MESAVERDE GP	0	DAKOTA SILT	3980'
	(SEGO SS MEM, PRICE RIVER FM)		DAKOTA SS	4090'
	MANCOS SH	210'	MORRISON FM	4205'
	(BUCK TONGUE)		SALT WASH MEM	4630'
	CASTLEGATE SS	460'	ENTRADA SS	NA
	FRONTIER SS	3725'	TD	4850'

2. Fresh Water: WILL BE ENCOUNTERED IN THE SEGO SS (0-210) AND IN THE CASTLEGATE SS (460')

3. Leasable Minerals: GAS MAY BE ENCOUNTERED IN THE DAKOTA SS OR THE MORRISON FM.

4. Additional Logs Needed: LOGGING PROGRAM SUFFICIENT

5. Potential Geologic Hazards: NONE ANTICIPATED

6. References and Remarks: PI FILES ; DOELLING, COAL MONOGRAPH, SERIES 2

Signature: Kenneth J. Salt Date: 04 - JUN - 1980 2 JUN RECD

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Stockpile the surface six inches of topsoil in a pile on the north west corner of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be at the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM and USGS publication).

If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed on at the pre-drill field exam -

This is an old pad that was prepared and never drilled.

The reserve pit will be made deeper and longer by extending it to the north.

The northwest corner of the pad will be rip-rapped with rock to stabilize the pad.

The existing road in San Arroyo Canyon will be routed further east along the east side of the pad for 225 feet.

Contact the Grand County Road Superintendent if you plan to use any county road for access to the well.

SEED MIXTURE

<u>SPECIES</u>		<u>LB/ACRE</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian ricegrass	1
Stipa comata	Needle & thread	1
<u>Forbs</u>		
Sphaeralcea coccini	Globemallow	1
<u>Shrubs</u>		
Artiplex confertifolia	Shadscale	1
Ceretoides lanata	Winter fat	1
Atriplex canescens	Four wing saltbush	<u>1</u>
		6

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

Vance Oil Co.
2-175-24E

Glenn

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn
From: Mining, Supervisor, Mr. Jackson W. Moffitt
Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-41374 Well No. 12-9

1. The location appears potentially valuable for:

strip mining*

~~underground mining**~~ *Coal*

has no known potential.

2. The proposed area is

under a Federal lease for _____ under the jurisdiction of this office.

not under a Federal lease under the jurisdiction of this office.

[Handwritten signature/initials]

Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen J Vance

** FILE NOTATIONS **

DATE: Nov. 24, 1980
OPERATOR: Tenneco Oil Co.
WELL NO: USA 12-9
Location: Sec. 12 T. 17S R. 24E County: Grand

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:
API Number 43-019-30478
748

CHECKED BY:

*Letter #2
plus notation*

Petroleum Engineer: _____
Director: OK Topo exception as provided for in
Order in case 165-4
Administrative Aide: Order No. 165-4, 6/26/79

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 165-4 dtd. 6-26-79 O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site
Lease Designation Fed Plotted on Map
Approval Letter Written
Hot Line P.I.

Tenneco Oil
Exploration and Production
A Tenneco Company



Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado

December 1, 1980

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

Re: Tenneco 12-9
460 FEL, 1487 FSL
Sec. 12, T17S, R24E
Grand County, Utah

Dear Mr. Feight,

This letter is submitted in addition to the letter of 11/17/80 requesting approval of the referenced unorthodox location. Tenneco Oil owns or controls all lands within a 660 foot radius of the proposed site.

If any additional information or statements are needed please contact me.

Yours very truly,

TENNECO OIL COMPANY

M. L. Freeman
Staff Production Analyst

MLF/rr

RECEIVED

DEC 05 1980

DIVISION OF
OIL, GAS & MINING

December 9, 1980

Tenneco Oil Company
Penthouse, 720 South Colorado Blvd.
Denver, Colorado 80222

Re: WellNo. USA 12-9
Sec. 12, T. 17S, R. 24E
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 165-4 dated June 26, 1979.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30748.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Cleon B. Feight
Director

/ka
cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other JAN 12 1981

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155
DIVISION OF MINING

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 460' FEL, 1487' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Commence drilling operations</u>		

5. LEASE
U-41374

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tenneco USA

9. WELL NO.
12-9

10. FIELD OR WILDCAT NAME
Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 12, T17S, R24E

12. COUNTY OR PARISH Grand 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5596' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

12/8/80

Spud 12/7/80. Set 68' of 14" conductor pipe @ 47'. Cmt. conductor pipe, Reduce hole to 8-3/4" drill to 700'. NUBOP. TOOH, RU and run (704') 18 jts. 7" 23# csg. w/shoe @ 697'. Cmt w/160 sx RFC 10-2 w/1/2# Celloflake. PD. Cmt. back to surface. Weld on WH. Rebores rotating head flange. PT blind and pipe rams to 1000 PSI for 15 mins. NU Hydril.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Carley [Signature] TITLE Asst. Div. Adm. Mgr. DATE 12/29/80

(This space for Federal or State office use)

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

ARCHAEOLOGICAL PROJECT RECORD

Send Invoice to: Palmer Oil & Gas

PEC # _____

Project name 12-9 Federal

County Grand State Utah

Ordered by: _____
phone: _____

Date: order accepted Aug. 7, 1979

Send reports to _____

Assigned to Eagle date 8/7

Files search: _____
(date) (place)

Desc.: well pad and access

Location: 1487 FS 460 FE
Sec. 12, T 17S, R 24E

Field work complete date _____

Proj. Summ. complete date _____
mailed _____

Access/Entry _____

Final report complete date _____
mailed _____

Invoice to Denver, date _____
amount _____

Fed. Agency _____

Billing:

Field: well pad _____ hrs; \$ _____
access _____ hrs; \$ _____
_____ hrs; \$ _____
_____ hrs; \$ _____

Landowner _____
address _____

Lab: report _____ hrs; \$ _____

contacted by _____ phone _____
date _____

Additional _____

Date staked/flagged Ready

Total Field Service Fee \$ _____

Field contact persons _____

Remarks: _____

Date: needed ASAP Latest _____

Report to _____

RUSH (extra charge) _____

IF THE ABOVE INFORMATION DOES NOT AGREE
WITH YOUR ORDER, PLEASE CONTACT US
IMMEDIATELY.

Persons contacted: _____

Order read back to the client by:

Schultz
office: Grand Junction

POWERS ELEVATION COMPANY, INC.
Archaeological Division
P.O. Box 1199
Eagle, Colorado 81631
Phone: (303) 328-7374

Copy of report available upon request



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

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 460' FEL, 1487' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-41374

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tenneco USA

9. WELL NO.
12-9

10. FIELD OR WILDCAT NAME
Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 12, T17S, R24E

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5596' gr.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

1/4/81

Frac'd well w/60,000 gals. 70% quality foam, 25,000# 20/40 sand and 15,000# 10/20 sand. Ran RA sand last stage. AIR: 32 BPM, AIP: 3700 PSI, ISIP: 4000 PSI, 15 min SIP: 2500 PSI. Landed 2-3/8" tbg. @ 4191' Rd. Well blown to pit.

RECEIVED

JAN 13 1981

DIVISION OF
OIL, GAS & MINING
Set @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Carley J. Stettin TITLE Asst. Div. Adm. Mgr. DATE 1/7/81

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 460' FEL, 1487' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-41374

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tenneco USA

9. WELL NO.
12-9

10. FIELD OR WILDCAT NAME
Morrison/Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 12, T17S, R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5596' gr.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF:

RECEIVED

JAN 19 1981

NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

12/23/80 - Drilled to TD of 4800' RU and run 137 jts. (4788') of 4-1/2" 11.6# csg. w/shoe @ 4788'. Cmt. w/150 sx 10-0 RFC. Plug down 12/22/80. Float held OK. ND BOPS. NUWH. Set slips. Release rig 12/22/80.

12/31/80 - TIH w/tbg. and 3-3/4" bit. PT csg. to 4000 PSI. OK. Circ. hole w/2% KCL water. Perf'd Dakota (2JSPF) as follows: 4008-38', 4050-70', 4168-86'. RIH w/2-3/8" tbg., BP, pkr. Set BP @ 4271' and pkr. @ 4117'. Acidized 4168-4186 w/500 gals. 7-1/2% HCL and 30 balls. AIR: 4 BPM, AIP: 4186 PSI, ISIP: 2200 PSI, 5 min SIP: 0. Moved and set BP @ 4117' and pkr. @ 3900'. Acidized 4008-4070' w/1500 gals 7-1/2% HCL and 100 balls. AIR: 4 BPM, AIP: 2100 PSI, ISIP: 1500 PSI 5 min. SIP: -0- PSI. RIH w/2-3/8" tbg. w/"F" nipple 1 stand of bottom. Tbg. set 300' above top perfs @ 3708'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Carley Watters TITLE Asst. Div. Adm. Mgr. DATE 1/12/81

(This space for Federal or State office use)

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

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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

9

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
Tenneco Oil Company

3. ADDRESS OF OPERATOR
Box 3249 Englewood, Colorado 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 460' FEL 1487' FSL **NE SE**
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-41374

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tenneco USA

9. WELL NO.
12-9

10. FIELD AND POOL, OR WILDCAT
Dakota **East Canyon**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 12, T17S, R24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. PERMIT NO. DATE ISSUED
43-D19-30748 11-24-80

15. DATE SPUNDED 12/7/80

16. DATE T.D. REACHED 12/23/80

17. DATE COMPL. (Ready to prod.) 1/8/81

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5596' gr

19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 4800'

21. PLUG, BACK T.D., MD & TVD 4760'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4008'-4186' Dakota

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DI/SFL, CN/FD, ACB/GR

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
14"	(conductor)	47'			
7"	23#	697'	8-3/4"	160sx RFC-2 w/1/2#Celloflake	
4 1/2"	11.6#	4788'	6 1/2"	150sx RFC 10-0	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4191'	

31. PERFORATION RECORD (Interval, size and number)

4008'-38'	68' 136 holes (2 JSPF)
4050'-70'	
4168'-86'	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4168-86'	500gals 7 1/2% HCL & 30 balls
4008-70'	1500gals 7 1/2% HCL & 100 balls
	60,000gals 70% qualfoam, 25,000#
	20/40 sand 15,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 1/8/81

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing**

WELL STATUS (Producing or shut-in) **Shut-in**

DATE OF TEST 1/8/81

HOURS TESTED 1hr 45 min

CHOKE SIZE 1 1/2" Orif.

PROD'N. FOR TEST PERIOD

OIL—BBL. GAS—MCF. **2413** WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 52 PSI

CASING PRESSURE 260 PSI

CALCULATED 24-HOUR RATE

OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Electric logs forwarded by Schlumberger and OWP.

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

SIGNED **Carley Matten** TITLE **Asst. Div. Adm. Mgr.** DATE **2/15/81**

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

INSTRUCTIONS

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Dakota Morrison	3970 4280	4280 TD	Sand, shale, gas, water Shale, sand, water, gas
			NAME
			NEAR. DEPTH
			TOP
			TRUE VERT. DEPTH
			Mancos B Frontier Dakota Silt
			1140 3670 3920

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0600 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93760016	FULLER USA #13-16	06	02	<u>3</u>	12/85	<u>0900</u>
93761014	FULLER USA #16-12	06	02	<u>3</u>	12/85	<u>1100</u>
92110010	FEDERAL #3-8 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0830</u>
92111016	FEDERAL #3-15 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0930</u>
92112012	FEDERAL #35-10 14S. 24E. 35	05	07	<u>7</u>	10/85	<u>1100</u>
92150011	FEDERAL #4-12 17S. 24E. 4	06	07	<u>8</u>	10/85	<u>0900</u>
92155013	WILSON USA #35-15 14S. 24E. 33	06	07	<u>8</u>	10/85	<u>1030</u>
92190014	BROWN USA #35-3 14S. 24E. 35	06	07	<u>8</u>	10/85	<u>1130</u>
92117014	FEDERAL #6-7 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0930</u>
92118010	FEDERAL #6-14 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0830</u>
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>1030</u>
92158012	DIETLER STATE #2-14 17S. 24E. 2	06	07	<u>7</u>	11/85	<u>0830</u>
92160017	STATE #36-14 14S. 24E. 34	06	07	<u>7</u>	11/85	<u>0930</u>
92186016	EDWARDS USA #12-9 17S. 24E. 12	06	07	<u>4</u>	11/85	<u>0930</u>
92188019	CALVINCO USA #31-12 16S. 25E. 31 ✓	06	07	<u>5</u>	11/85	<u>0830</u>
92190013	REINAUER #1-14 17S. 24E. 1	06	07	<u>5</u>	11/85	<u>0930</u>
92199010	REINAUER #1-5 17S. 24E. 1	06	07	<u>7</u>	11/85	<u>1030</u>
92231011	WINTER CAMP #7-14 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>0830</u>

RECEIVED

APR 27 1984



Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

**DIVISION OF OIL
GAS & MINING**

April 25, 1984

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

69
TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

✓T. 17S R 24E Sec 4 Federal 4-12
✓T17S R 24E Sec. 14 Hogle USA 14-4
✓T17S R24E Sec 3 Federal 3-8
✓T17S R24E Sec 3 Federal 3-15
✓T16S R24E Sec 35 Federal 35-10
✓T17S R24E Sec 2 Dietler State 2-14
✓T17S R24E Sec 2 Dietler State 2-7
✓T16S R25E Sec 31 Calvinco USA 31-12
✓T17S R24E Sec 1 Reinauer 1-5
✓T17S R24E Sec 1 Reinauer 1-14
✓T16S R24E Sec 36 Tenneco State 36-14
✓T16S R24E Sec 36 Tenneco State 36-16
✓T16S R 24E Sec 35 Brown USA 35-3
✓T17S R24E Sec 12 Edward 12-2
✓T17S R25E Sec 7 Winter Camp Unit 7-14
✓T17S R24E Sec 11 Hogle 11-12
✓T17S R25E Sec 6 Federal 6-7
✓T17S R25E Sec 7 Federal 7-4
✓T16S R25E Sec 17 Federal 17-9
✓T16S R25E Sec 14 Federal 14-2
✓T16S R26E Sec 16 State 16-4
✓T16S R25E Sec 13 Carlson USA 13-4
✓T17S R24E Sec 5 Federal 5-13
✓T16S R24E Sec 33 Wilson USA 33-15
✓T17S R25E Sec 6 Federal 6-14
✓T16S R25E Sec 13 Federal 13-9
✓T16S R26E Sec 33 Federal 33-13
T17S R26E Sec 5 Federal 5-4
✓T16S R26E Sec 32 State 32-1
✓T16S R26E Sec 32 State 32-11
✓T17S R24E Sec 12 Tenneco USA 12-9

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 06605
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NE SE 1487' FSL & 460' FEL		8. FARM OR LEASE NAME Tenneco USA
14. PERMIT NO. 43-019-30748		9. WELL NO. 12-9
15. ELEVATIONS (Show whether of, ft., or, etc.)		10. FIELD AND POOL, OR WILDCAT Bryson Canyon
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec. 12-T17S-R24E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

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

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

(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.)

Effective 8-1-90 Quinoco Petroleum, Inc. operator #N9477 has changed it's name to Hallwood Petroleum, Inc.

RECEIVED
FEB 22 1991

DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE Sr. Engineering Tech. DATE 12-1-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

State of Utah
Division of Gas & Mining
160 East Third Street
Salt Lake City, Utah 84134-0410

REC'D U.S.T.C. 218
MAR - 8 1991

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303) 856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

Carol Edney

Carol Edney
Staff Accountant
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
 P O BOX 378111
 DENVER CO 80237
 ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location	Oil (BBL)			Gas (MSCF)	Water (BBL)	
4301930748	06605	17S 24E 12	DKTA ✓		4-41374	(CR176 "C.A.")		
4301930773	06610	17S 25E 7	DK-MR ✓		4-38033			
4301930433	06620	16S 26E 16	DKTA ✓		ML-29608			
4301930517	06650	17S 25E 7	MRSN ✓		4-38033			
TOTAL								

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCB	<input checked="" type="checkbox"/>

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

Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only **"MERGER"**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-18-91)

TO (new operator)	<u>HALLWOOD PETROLEUM, INC.</u>	FROM (former operator)	<u>QUINOCO CO.</u>
(address)	<u>P. O. BOX 378111</u>	(address)	<u>P. O. BOX 378111</u>
	<u>DENVER, CO 80237</u>		<u>DENVER, CO 80237</u>
	<u>DEBI SHEELY</u>		<u>DEBI SHEELY</u>
	phone (<u>303</u>) <u>850-6322</u>		phone (<u>303</u>) <u>850-6322</u>
	account no. <u>N 5100 (3-5-91)</u>		account no. <u>N 9477</u>

*Also see Hallwood to Northstar
 oper. chg. eff 8-1-91*

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

Name: (SEE ATTACHMENT)	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(same)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes)/no ____ If yes, show company file number: #110236.
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-6-91)*
- 6 6. Cardex file has been updated for each well listed above. *(9-6-91)*
- 7 7. Well file labels have been updated for each well listed above. *(9-6-91)*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-6-91)*
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

D VERIFICATION (Fee wells only)

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

STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
notification sent to Ed Benner for State 2-14 (43-019-30571) and State 16-4 (43-019-30433).
2. Copies of documents have been sent to State Lands for changes involving State leases.
** see Hallwood to Northstar oper. chg. CH 8-1-91*

MICROFILMING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

INDEXING

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

REMARKS

910904 Btm/MOAB Confirmed change of operator "merger" from Quinoco to Hallwood. All wells except for 43-019-30704 / Calvino 31-12 "CR92 C.A." which is still considered Quinoco.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100
U-38842
U-38838-A
U-38030
U-38033
U-05010,
SI-071172
(U-942)
U-41374-CR176

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab
From: Chief, Minerals Adjudication Section
Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SL-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Cimex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management
Utah State Office
P. O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

CERTIFIED MAIL—Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases
P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BIM Bond No. MT0735).

/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

WJ EAK

LIST OF AFFECTED LEASES

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

U-30301
U-38030 ✓
U-38033 ✓
U-38842 ✓
U-39254
U-41374
U-62844

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.)

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Hallwood Petroleum, Inc.</p> <p>3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>	<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO.</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA</p> <p>12. COUNTY OR PARISH 13. STATE</p>
<p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DP, RT, GR, etc.)</p>	

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

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

(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.)*

Effective 8/1/90 Quinoco Petroleum, Inc. operator #N9477 changed it's name to Hallwood Petroleum, Inc. The wells effected by this change are:

Well Name	Federal Lease #	Utah #
- Dietler State 2-14 42-019-30571	N/A - Sec. 2, T.17S, R.24E	06560
- Edwards 12-2 42-019-30702	UTU38030 Sec. 2, T.17S, R.24E	06585
- Federal 6-7 42-019-30516	UTU38842 Sec. 6, T.17S, R.25E	06540
- Federal 6-14 42-019-30462	UTU38842 Sec. 6, T.17S, R.25E	06525
- Federal 7-4 42-019-30517	UTU38033 Sec. 7, T.17S, R.25E	06550
- Hogle USA 14-4 42-019-30507	UTSL071172 Sec. 14, T.17S, R.24E	06535
- State 16-4 42-019-30433	N/A Sec. 16, T.16S, R.26E	06620
- Tenneco USA 12-9 42-019-30748	U41374 Sec. 12, T.17S, R.24E	06605
- Wesbit 2 42-019-15048	UTU17942 Sec. 9, T.16S, R.25E	05220
- Wintercamp 7-14 42-019-30773	UTU38033 Sec. 7, T.17S, R.25E	06610

RECEIVED

AUG 19 1991

DIVISION OF OIL GAS & MINING

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

SIGNED Debi Sheely TITLE Sr. Engineering Technician DATE 8/16/91
Debi Sheely

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1004-1
Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.
CR 176
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

2. NAME OF OPERATOR
Hallwood Petroleum, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 378111 Denver, CO 80237

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tenneco USA

9. WELL NO.
12-9

10. FIELD AND POOL, OR WILDCAT
San Arroya

11. SEC., T., S., M., OR BLK. AND
SUBVY OR AREA
Section 12 T17S R24E

12. COUNTY OR PARISH
Grand

13. STATE
UT

14. PERMIT NO.
43-019-30748

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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>	

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

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

Effective 8/1/92 Hallwood Petroleum, Inc. is turning over all interest and operations of this well to:

Lone Mountain Production Company
P.O. Box 3394
Billings, MT 59103-3394

RECEIVED
JUL 29 1992
DIVISION OF
OIL, GAS & MINING

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

SIGNED Debi Shultz TITLE Sr. Engineering Technician DATE 7/27/92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1001-0135
Expires August 31, 1985
4. LEASE DESIGNATION AND SERIAL NO.
U-41374

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.)

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Lone Mountain Production Company
3. ADDRESS OF OPERATOR
P. O. Box 3394, 404 Petroleum Building, Billings, MT 59103
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1487' FSL, 460' FEL, Sec. 12

7. UNIT AGREEMENT NAME
Comm. Area CR-176
8. LEASE OR LEASE NAME
Federal
9. WELL NO.
Tenneco USA No. 12-9
10. FIELD AND POOL, OR WILDCAT
Bryson Canyon
11. SEC., T., S., M., OR PLQ. AND SURVEY OR AREA
NE SE Sec. 12: T17S-R24E
12. COUNTY OR PARISH
Grand
13. STATE
Utah

14. PERMIT NO.
43-019-30748
15. ELEVATION (Show whether DT, RT, OR, etc.)
5596 GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) **change of operator**

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANE

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Lone Mountain Production Company will become operator of the above referenced well effective August 1, 1992. The well was formerly operated by Hallwood Petroleum.

RECEIVED

JUL 29 1992

DIVISION OF
OIL GAS & MINING

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

SIGNED James G. Routson TITLE President DATE July 27, 1992
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077
FAX 248-6321

July 27, 1992

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

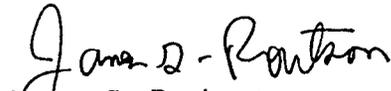
Re: Change of Operator
Sundry Notices
Grand County, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for ten wells on which Lone Mountain Production Company is assuming operations effective August 1, 1992. The wells were all previously operated by Hallwood Petroleum. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company


James G. Routson
President

Enclosures

xc: Joe Dyk
Hallwood

RECEIVED

JUL 29 1992

DIVISION OF
OIL, GAS & MINING

GREAT WESTERN ONSHORE INC
UTU28275

1-4

P+A

16S

16E

4 NESW

430193106500S1

H W DOUGHERTY COMPANY
UTU03901

2

PGW

17S

RECEIVED

5 SESE

430191570000S1

UTU013696

1-6

GSI

17S

24E AUG 10 1992

8 SWNW

430191569800S1

1-A

PGW

17S

8 SWNW

430191569700S1

HADDEN-HARRISON JOINT VENTURE
UTU7945

1

PGW

20S

23E

DIVISION OF
OIL GAS & MINING

13 SWSW

430193037800S1

HALLWAGE CONSOLIDATED PART LP
UTU38842*HAL

6-7

PGW

17S

25E

6 SWNE

430193051600S1

6-14

PGW

17S

25E

6 SESW

430193046200S1

UTU38033*HAL

7-14

PGW

17S

25E

7 SESW

430193077300S1

7-4

PGW

17S

25E

7 SWNW

430193051700S1

UTU38030

12-2

PGW

17S

24E

12 NWNE

430193070200S1

HALLWAGE PETROLEUM INC
UTU17942

2

PGW

16S

25E

9 SESW

430191504800S1

* CR176

12-9

PGW

17S

24E

12 NESE

430193074800S1

HANCOCK BURTON W
UTU683

4-11

PGW

17S

25E

4 NESW

430193101200S1

UTU4402

27-9

ABD

17S

25E

27 NESE

430193101400X1

UTU31792

13-13

PGW

17S

25E

13 SESW

430193041200S1

UTU05081

1

P+A

17S

25E

21 NENW

430191548100X1

20-1

GSI

17S

25E

20 NENE

430193102100S1

UTU05079*HAN

11

PGW

17S

25E

4 NWNW

430193101100S1

UTU05003*HAN

35

PGW

17S

25E

17 NWSE

430193022400S1

UTU04984*HAN

8-3

PGW

17S

25E

8 NENW

430193101300S1

UTU04955

20-R

PGW

17S

25E

10

430193101300S1

* Write a letter to have the
telling them they have
submit form to USA
Successor of PH Opera
8/4/92

Bureau of Land Management
Branch of Fluid Minerals (U-922)
324 South State Street
Salt Lake City, Utah 84111-2303

September 30, 1992

Lone Mountain Production Company
P.O. Box 3394
Billings, Montana 59103-3394

Re: Successor of Operator
Communitization Agreement (CA)
CR-176
Grand County, Utah

Gentlemen:

We received an indenture whereby Omimex Petroleum, Inc. resigned as Operator and Lone Mountain Production Company was designated as Operator for CA CR-176, Grand County, Utah.

This instrument is hereby accepted effective as of September 30, 1992. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA CR-176.

Your statewide (Utah) oil and gas bond No. 0719 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
DOGM
File - CR-176 (w/enclosure)
MMS - Reference Data Branch
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:09-30-92

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- LCR	7- LCR
2-DTS	TS
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-92)

TO (new operator)	<u>LONE MTN PROD CO</u>	FROM (former operator)	<u>HALLWOOD PETROLEUM INC</u>
(address)	<u>P.O. BOX 3394</u>	(address)	<u>P. O. BOX 378111</u>
	<u>BILLINGS, MT 59103</u>		<u>DENVER, CO 80237</u>
	<u>JAMES ROUTSON</u>		<u>DEBI SHEELY</u>
phone (<u>406</u>)	<u>245-5077</u>	phone (<u>303</u>)	<u>850-6322</u>
account no.	<u>N 7210</u>	account no.	<u>N 5100</u>

Well(s) (attach additional page if needed): ***CA CR-176**

Name: <u>USA 12-9/DKTA</u>	API: <u>43-019-30748</u>	Entity: <u>6605</u>	Sec <u>12</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-41374</u>
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec ___ Twp ___ Rng ___	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- LCR 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7-29-92)*
- LCR 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 7-29-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- LCR 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LCR 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-2-92)*
- LCR 6. Cardex file has been updated for each well listed above. *(10-2-92)*
- LCR 7. Well file labels have been updated for each well listed above. *(10-2-92)*
- LCR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-2-92)*
- LCR 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

- 1 1. All attachments to this form have been microfilmed. Date: Oct 6 1992.

FILING

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

COMMENTS

920804 Btm/5.4. CA CR-176 Still "Hallwood Petro."

921002 Btm/5.4. CA Oper. for "Ominex to Lone mtn." on 9-30-92.