

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

new

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
 720 SO. COLORADO BLVD., DENVER, CO. 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 710 FWL, 1775 FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 19.5 miles northwest of Westwater

15. 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 1600

17. NO. OF ACRES ASSIGNED TO THIS WELL 320 AC

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH 6400

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 7052'

22. APPROX. DATE WORK WILL START*
 JUNE/JULY

5. LEASE DESIGNATION AND SERIAL NO.
 SL071172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Hogle

9. WELL NO.
 11-12

10. FIELD AND POOL, OR WILDCAT
 Morrison

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

12. COUNTY OR PARISH 13. STATE
 Grand County Utah

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	+ 2250'	Circulate to surface
6 1/4"	4 1/2" New	10.5#K55	+ 6400'	Cover all possible productive zones

Set 1-3 joints of 9 5/8" casing as conductor

SEE ATTACHED

Archaeological report attached.

Preliminary environmental review approval attached.



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. SIGNATURE *[Signature]* TITLE Staff Production Analyst DATE 5/1/80

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
 APPROVED BY *[Signature]* TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE AUG 12 1980

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY
 *See Instructions On Reverse Side

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

Utah O. & G.

Tennessee Oil Co.
✓ 11-175-24E

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. SL-071172 Well No 11-12

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.
- 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

TENNECO OIL COMPANY

CALCULATION SHEET

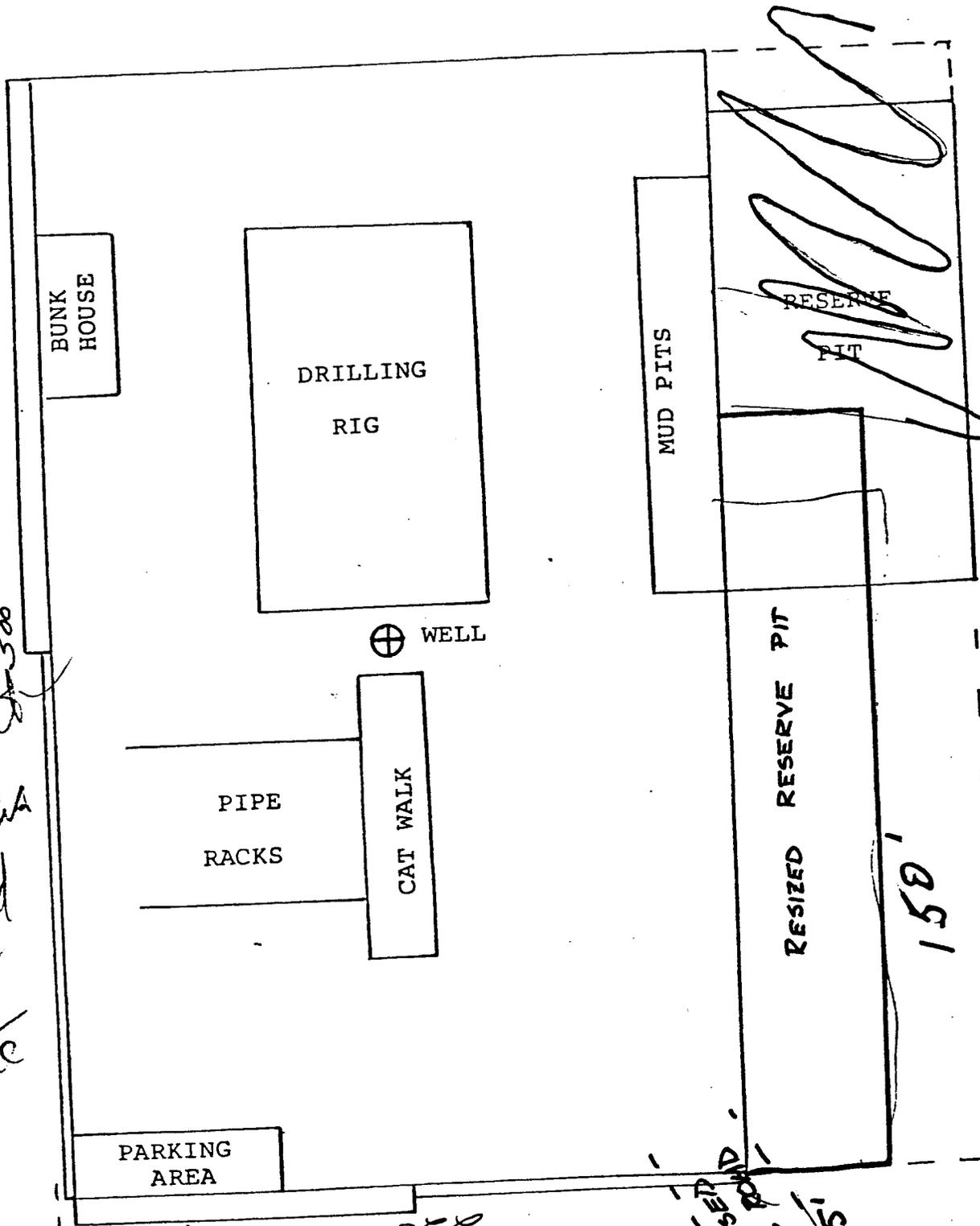
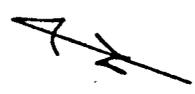
EXHIBIT

14

PROJECT DRILLING WELL SITE LAYOUT

HOBLE 11-12

DATE 5-1-80



- 1) 2-3" bentonite
- 2) 10' reserve pit
- 3) 2' x 8' x 10' wide behind blow pit
- 4) Rd route

151

UNPAVED ACCESS ROAD

ACCESS ROAD

825

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 320 AC lay down

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 6400 Morrison

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10. FIELD AND POOL, OR WILDCAT
 Morrison wildcat

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

12. COUNTY OR PARISH 13. STATE
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Set 1-3 joints of 9 5/8" casing as conductor

SEE ATTACHED

APPROVED BY THE DIVISION
 OF OIL, GAS, AND MINING
 DATE: 9-18-80
 BY: M.G. Minder



Archaeological report attached

Preliminary environmental review approval attached.

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

24. SIGNER M.G. Minder TITLE Staff Production Analyst DATE 5/1/80

(This space for Federal or State office use)

PERMIT NO. 43-019-30701 APPROVAL DATE 9/18/80
 APPROVED BY W.P. Minter FOR E. W. GYNN DISTRICT ENGINEER DATE AUG 12 1980

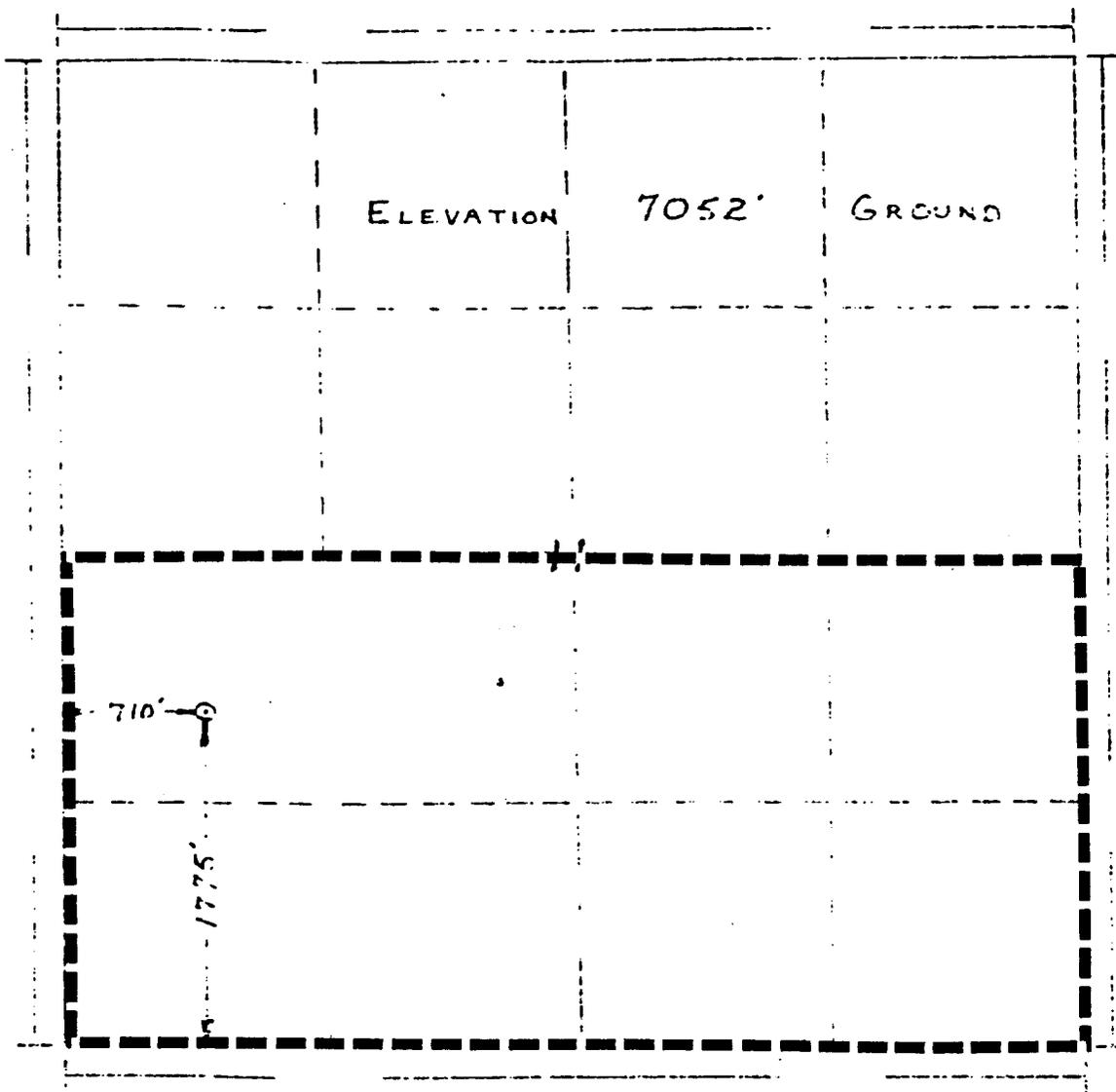
CONDITIONS OF APPROVAL ATTACHED
 *See Instructions On Reverse Side

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

NOTICE OF APPROVAL
 Operator



R 24 E.



Scale: 1" = 1000'

Powara Elevation Company, Inc. of Denver, Colorado
 has in accordance with a request from Jim Routson
 for PALMER OIL AND GAS COMPANY
 determined the location of #11-12 FEDERAL
 to be 1775' ES & 710' FW Section 11 Township 17 S.
 Range 24 E. OF THE SALT LAKE Meridian
 GRAND County, UTAH

I hereby certify that this plot is an
 accurate representation of a correct
 survey showing the location of
 #11-12 FEDERAL

Date: 5-6-79

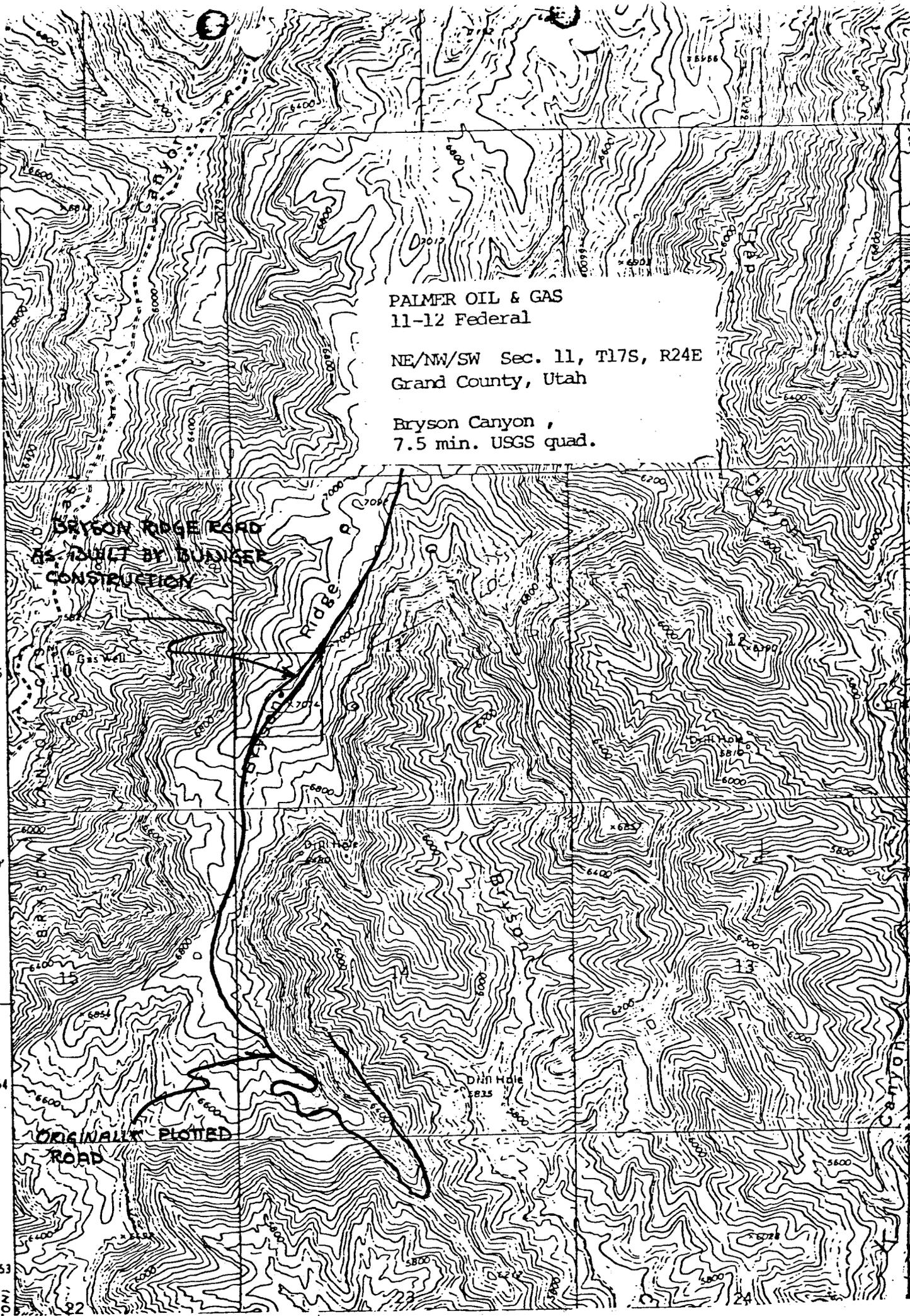
J. Walker
 Licensed Land Surveyor No. 2711
 State of UTAH

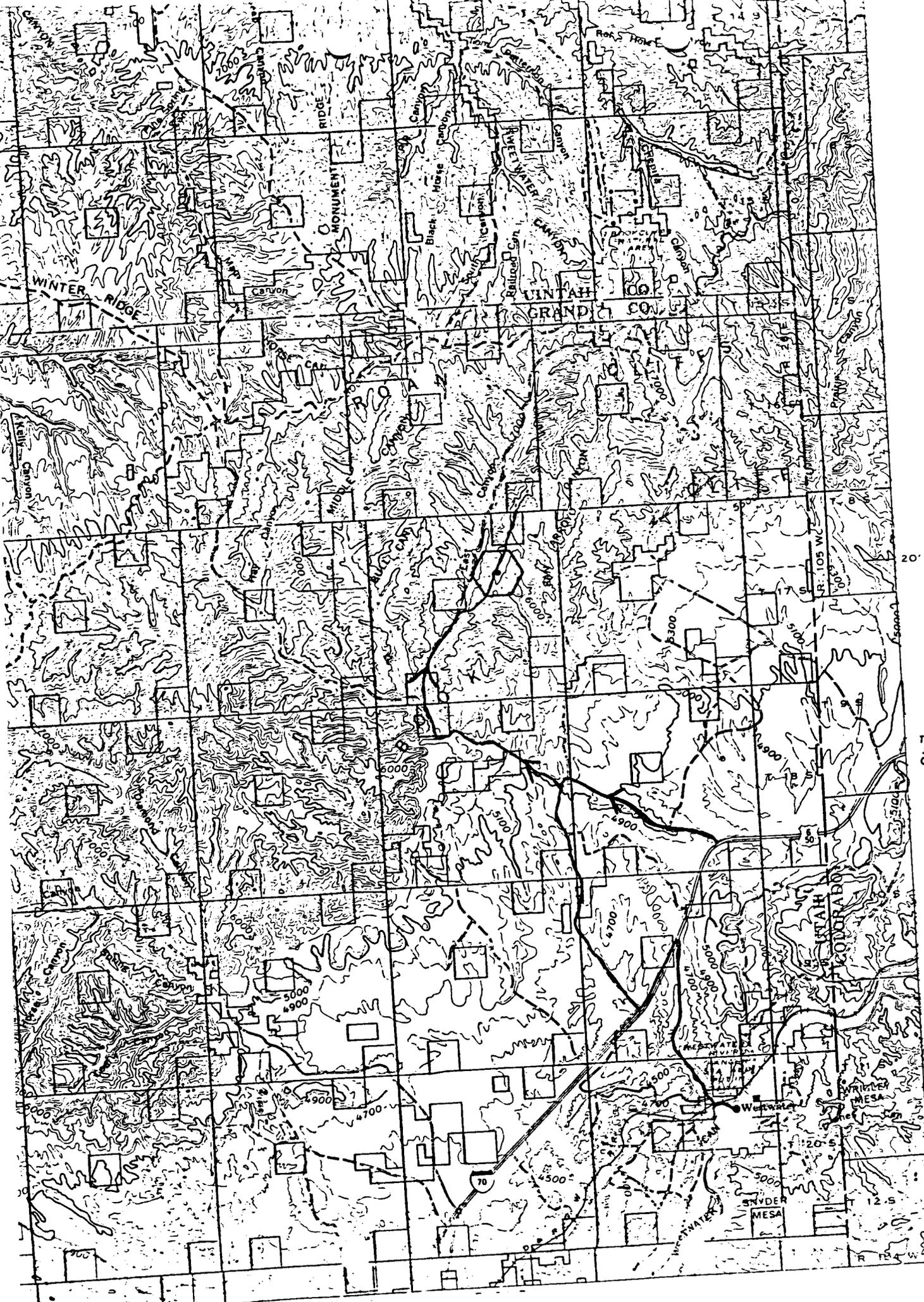
T. 16 S
T. 17 S
4358
4357
4356
20
4354
4353
R. 24 E

PALMER OIL & GAS
11-12 Federal
NE/NW/SW Sec. 11, T17S, R24E
Grand County, Utah
Bryson Canyon ,
7.5 min. USGS quad.

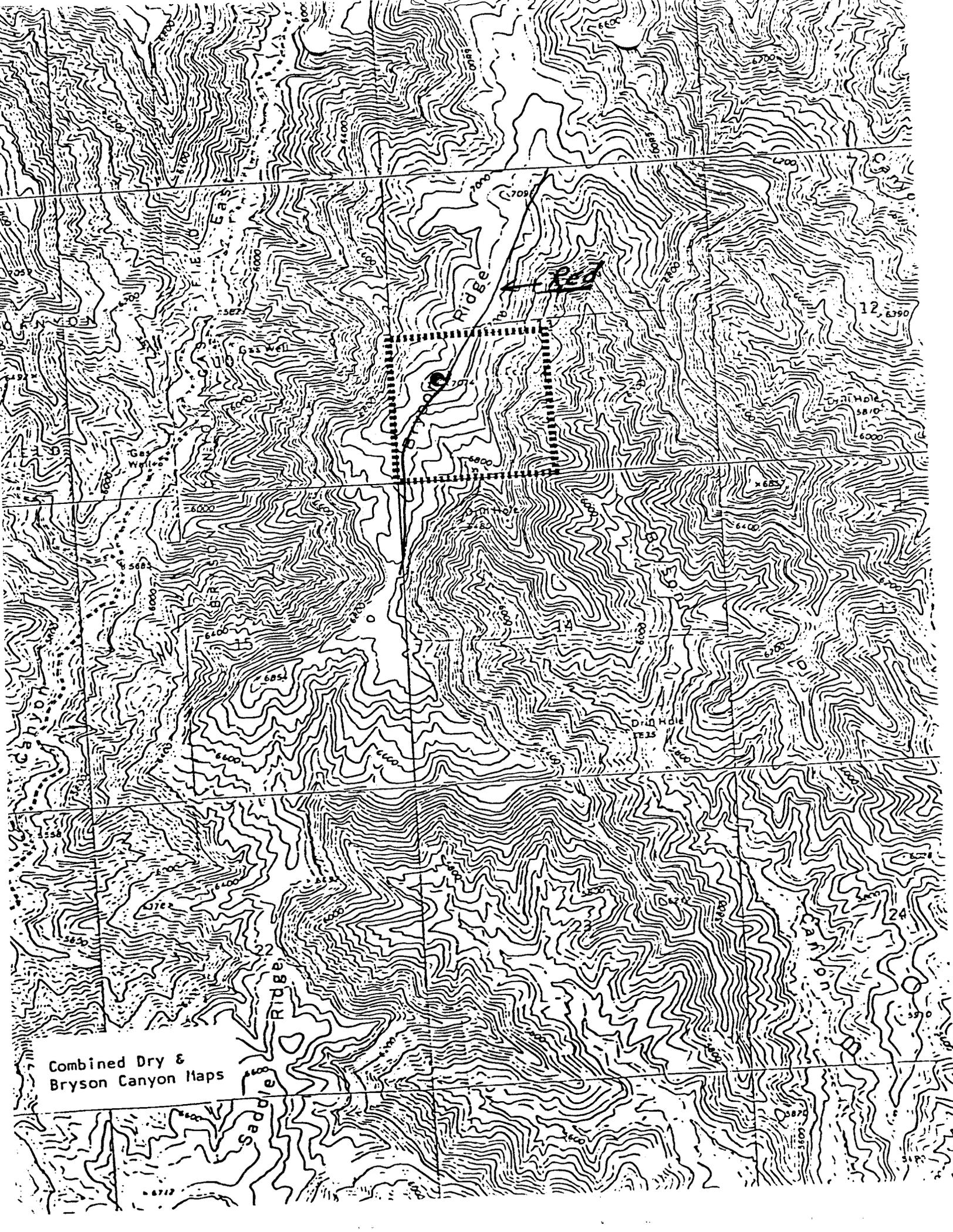
**BRYSON RIDGE ROAD
AS BUILT BY BUNGER
CONSTRUCTION**

**ORIGINALLY PLOTTED
ROAD**





To Grand Junction, Colorado



Combined Dry & Bryson Canyon Maps

Saddle
Ridge

Red

12, 6390

Drill Hole
5810
6000

Drill Hole
7E15

24

6712

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.

DRILLING PROCEDURE

DATE: March 4, 1980

LEASE: Hogle USA

WELL NO.: 11-12

LOCATION: 1775' FSL, 710' FWL
Sec. 11, T 17S, R 24E
Grand County, Utah

FIELD:

ELEVATION: 7070' Est. G.L.

TOTAL DEPTH: 6400'

PROJECTED HORIZON: Morrison

SUBMITTED BY: D. Fogle

DATE: 3/2/80

APPROVED BY: John W. [Signature]

DATE: 3/5/80

JWO/ms

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

ESTIMATED FORMATION TOPS

Mesa Verde	Surface
Mancos	1775'
Castlegate	2025' (Water and/or Gas)
Frontier	5290'
Dakota Silt	5545'
Dakota	5655' (Gas)
Morrison	5770' (Gas and/or Water)
Salt Wash	6195'
Entrada	N/A
T.D.	6400'

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 blooie line.
4. Drill 8 3/4" hole to ± 2250', 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:	<u>+2250'</u>	7", 23#, K-55, ST&C
PRODUCTION:	6400'	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 \pm 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-+2250' 1^o Surveys to be run every 500' or on trips, whichever comes
2250'-T.D. 6^o first. Surveys will be reported on the IADC Drilling Report
Sheet.

Maximum allowable deviations:

- (1) 1^o per 100' interval
- (2) 1^o at + 2250'
- (3) 6^o 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.

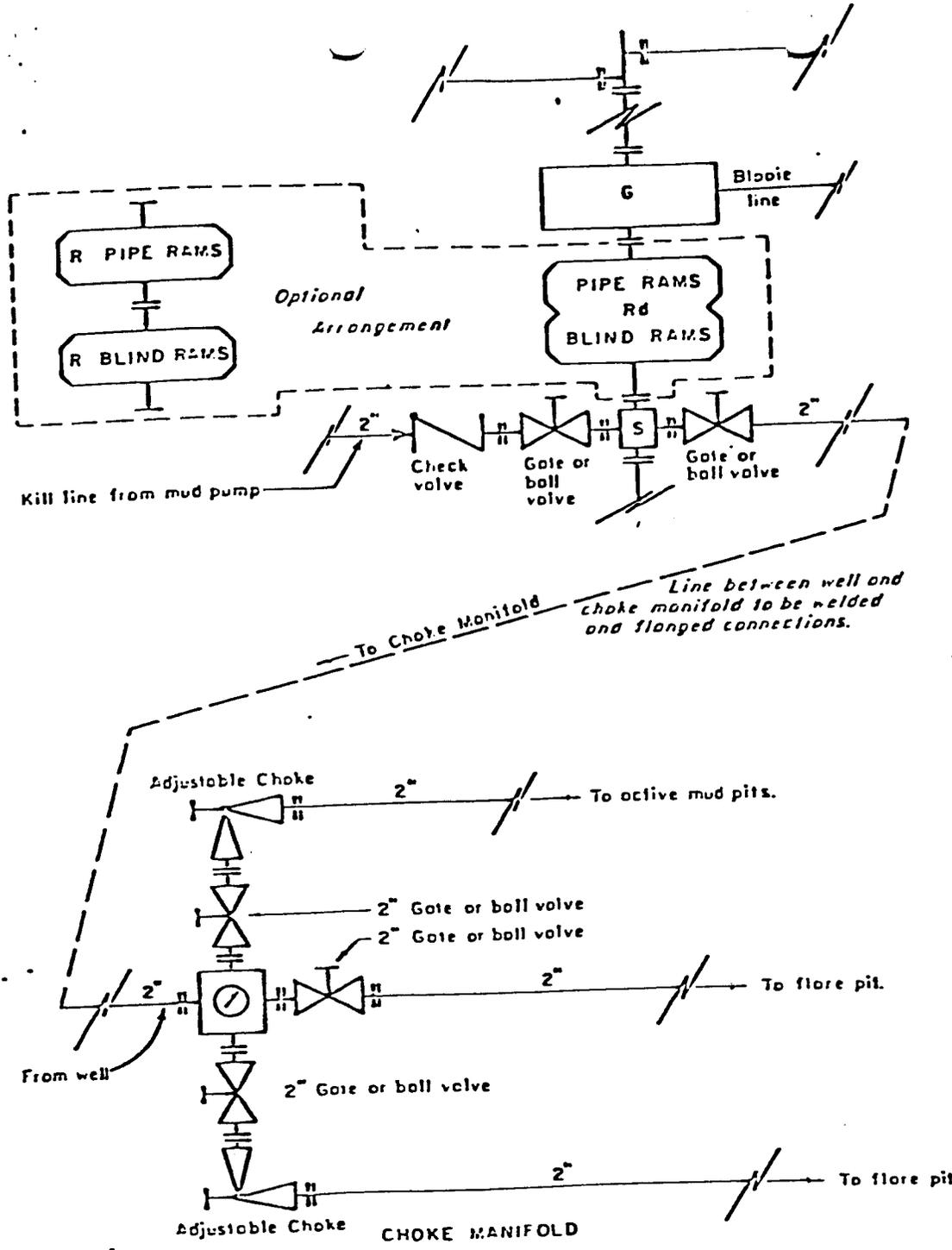
The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

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
CHOKER MANIFOLD

J. MAGILL 10-26-70 EVI

I. EXISTING ROADS

- (a) Proposed Well Site Location: As surveyed by a registered land surveyor located 1775 FSL, 710 FWL, Section 11, T.17S, R. 24E, Grand County, Utah.

See Exhibit I

- (b) Planned Access Route:

See Exhibit IIA, IIB

- (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.

- (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 IIA and IIB)

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:

- (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 -
 Max: fill - Minimal dirt work. The location would be adjacent to an existing road

- (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 center flagged

III. LOCATION OF EXISTING WELLS

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

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

LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Existing facilities within one mile owned or controlled by Lessee/Operator: None

- (1) Tank batteries -
- (2) Production facilities -
- (3) Oil Gathering Lines -
- (4) Gas Gathering Lines -
- (5) Injection Lines -
- (6) Disposal Lines -

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 III, IV
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 Bill Buniger

(b) Water Transportation system: Water to be hauled in trucks from an undetermined pick up point.

(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 item II

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
2. Location of pits: IV
3. Rig Orientation: IV, V

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.

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A. Reserve Pit Cleanup:

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XI. OTHER INFORMATION

- A. Surface Description: The site is atop Bryson Ridge, sandy soil, pinon, juniper forest.
- 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

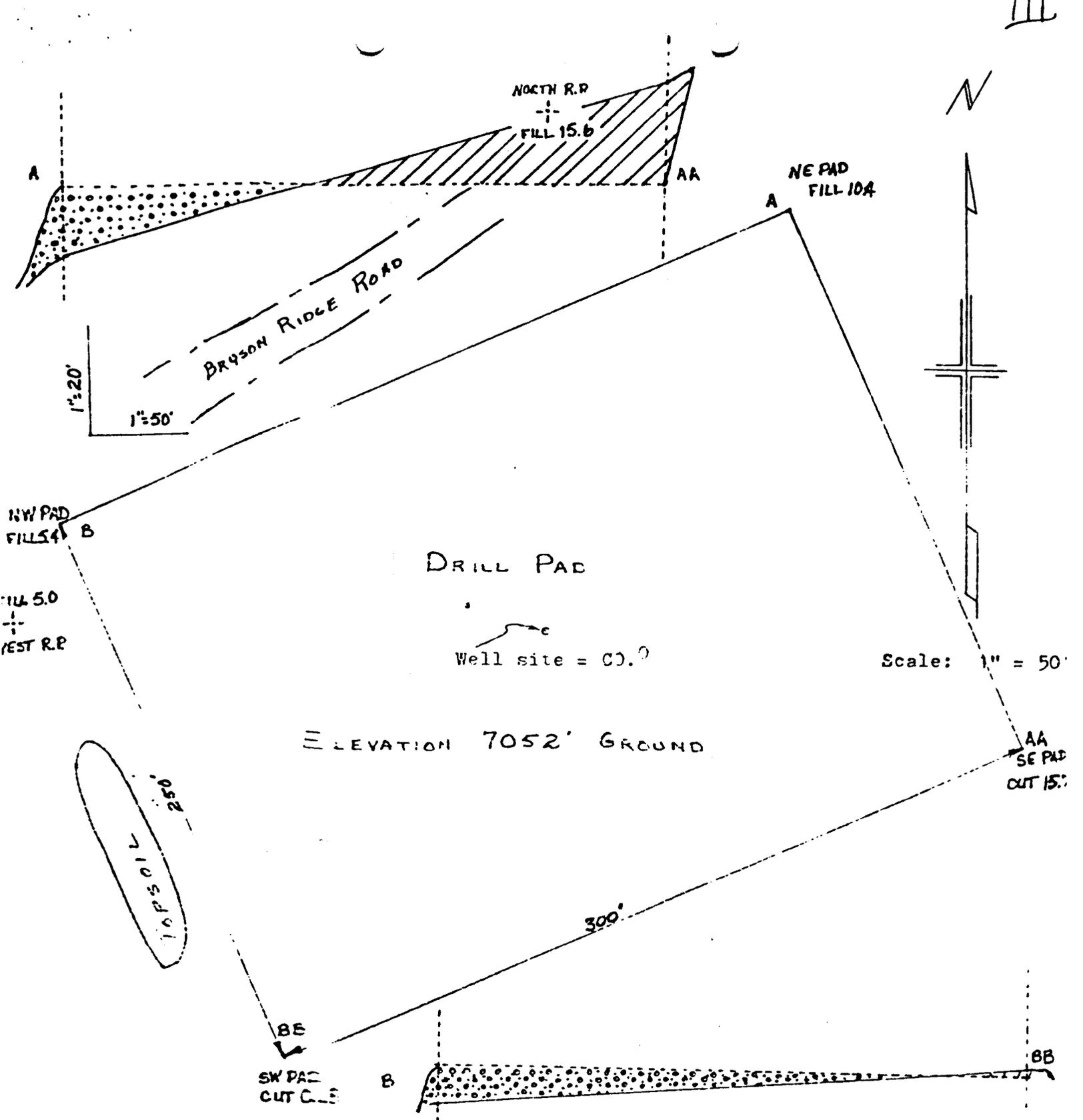
M. L. Freeman
720 So. Colorado Boulevard
Denver, Colorado 80222
Office: (303) 758-7130
Extension 278

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: 5/6/80


M. L. Freeman
Staff Production Analyst



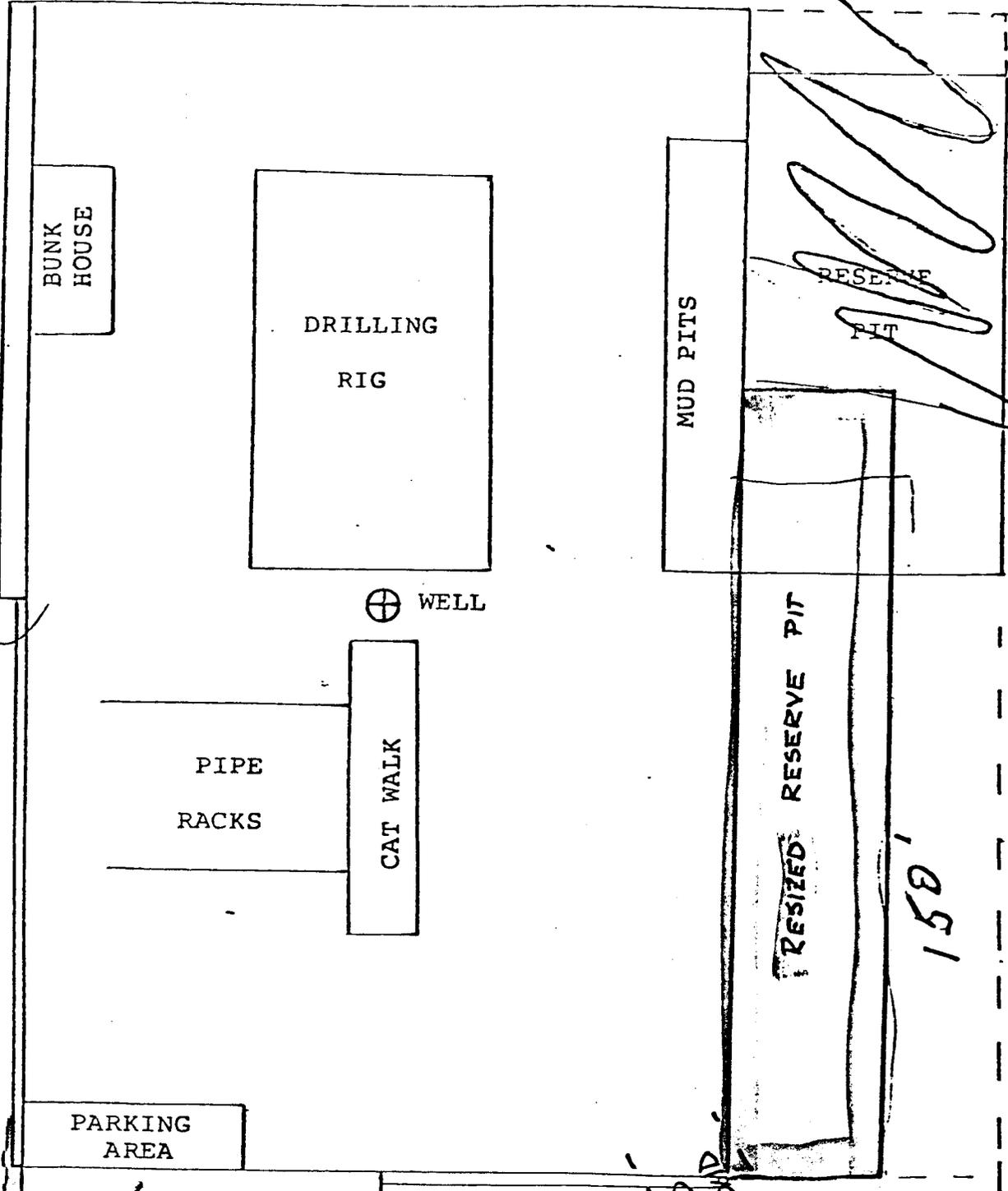
PALMER OIL & GAS CO.
 # 11-12 FEDERAL
 1775' FS & 712' FW SEC. 11 T17S. R24E.
 GRAD. COUNTY, UTAH

by: Richard O. Schuch
 Powers Elevation Company, Inc.
 5-7-79

PROJECT DRILLING WELL SITE LAYOUT

7-10516 11-12

DATE 5-1-80



*2-3" bentonite
 1/2 cu reserve pit
 2' x 10' x 10' wide
 behind
 above pit
 Rd route*

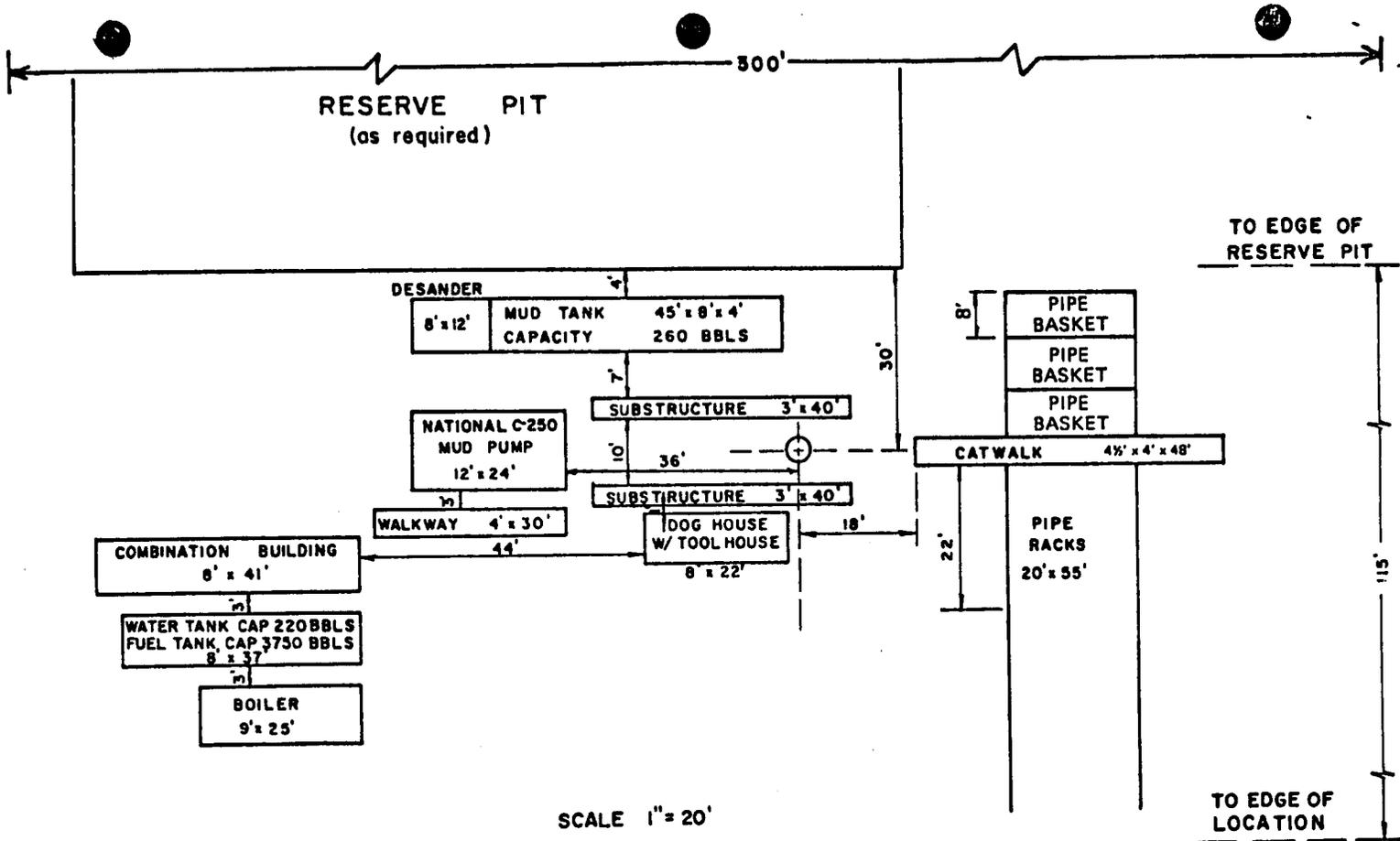
*REARUGNED
 ACCESS
 ROAD*

*PROPOSED
 ACCESS
 ROAD*

ATCO DRILLING

RIG 18

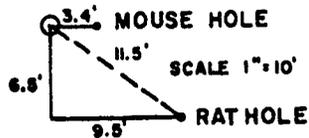
CAPACITY	5000 ft. – 8000 ft.
DRAWWORKS	National T-32, Double Drum with 1" drilling line. 22" Single Parkersburg Hydramatic Brake.
RIG POWER	2 – GM 12103N diesel engines, rated at 326 HP.
MUD PUMPS	National C-250 (7-1/4" x 15") rated at 370 HP, powered by 2 – GM 12103N rated at 326 HP. Low pressure mud system.
DERRICK	Lee C. Moore, 126', pin type with 6-sheave 1" crown block, Capacity rated at 360,000 lbs.
SUBSTRUCTURE	Lee C. Moore, 11' x 16' x 40' with 10' clearance from ground level to bottom of rotary beams. Capacity rated at 360,000 lbs.
ROTARY TABLE	Ideco 17-1/2", 44" centers with split and solid master bushings.
BLOCK-HOOK	McKissick 4-sheave block, rated at 200 tons. Byron Jackson 4125 Hook, rated at 150 tons.
SWIVEL	National Type F, rated at 150 tons.
SHALE SHAKER	Link Belt NRM 145, 48" x 60" with 5 HP electric motor.
MUD TANK	1 – 45' x 8' x 4' with 260 bbls. capacity, complete with jets, mud guns, top walkways, and stairs.
DESANDER	Demco Two Cone, Mission 5" x 6" centrifugal pump, powered by 50 HP electric motor.
FUEL & WATER TANK	Combination fuel and water tank with 3750 gallons fuel tank and 220 bbls. water tank.
BOP EQUIPMENT	Hydril GK 10" Series 900. Cameron SS 10" Series 900. Shaffer 6-5/8" Kelly Cock, rated at 10,000 psi. 3" x 2" Series 900 manifold. Payne 3 station closing unit with 80 gallon accumulator.
LIGHT PLANT	Cat. D-3306, 135 KWAC generator. Fluorescent and mercury-proof lighting.
BOILER	Oilwell 50 HP, complete with Iron Fireman Burner Model C1205.
TRAILER HOUSE	10' x 32' complete with air conditioning and cooking facilities.
DRILL PIPE	247 joints 4" OD, 14.0 lbs./ft., Grade E, with 3-1/2" H90 Tool Joints.
DRILL COLLARS	20 – 6" OD x 2 1/4" ID x 30', 4 1/2 XH connections.



RAT & MOUSE HOLE DETAIL

ATCO DRILLING - RIG NO. 18

TOOLPUSH TRAILER
10' x 31'



- 1) GROUND LEVEL TO BOTTOM OF ROTARY BEAMS: 10 FEET
- 2) GROUND LEVEL TO KELLY BUSHING: 14' FEET
- 3) RECOMMENDED LOCATION SIZE: 300' x 115'
FROM CENTER OF HOLE: TO RESERVE PIT - 27'; TO EDGE - 88'
FROM CENTER OF HOLE: TO FRONT - 160'; TO BACK - 140'

Glenn

FROM : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. SL071172

OPERATOR: Tenneco Oil Company

WELL NO. 11-12

LOCATION: SE 1/4 NW 1/4 SW 1/4 sec. 11, T. 17S., R. 24E., SLM

Grand County, Utah

1. Stratigraphy: Surface is Tuscher Fm; operator indicates mesaverde

Tuscher	surface	Dakota	5655
Mesaverde		Morrison	5770
Manacos	1775	Salt Wash	6195
Castlegate	2025	Entrada	—
Frontier	5290		
Dakota Silt	5595	<u>TD</u>	<u>6400</u>

2. Fresh Water:

Fresh water may be encountered in sandstones of the Mesaverde and Castlegate (to ~2000).

3. Leasable Minerals:

Prospectively valuable land for coal.

Coal is in Dakota and is thin, lenticular, & subeconomic.

Gas in Dakota & Morrison.

4. Additional Logs Needed: Suite is adequate

5. Potential Geologic Hazards: None anticipated

6. References and Remarks:

12 JUN 1980

Signature: Gregory W Wood

Date: 5-30-80



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 7, 1980

Memorandum

To: Oil & Gas Office, USGS Conservation Division
P.O. Box 3768, Grand Jct., CO 81501

From: Area Manager, Grand

Subject: Tenneco Oil Company
Hogle 11-12, Lease U-SL-071172
NW/SW Section 11, T. 17 S., R. 24 E., SLB&M
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

14 JUL REC'D



Save Energy and You Serve America!

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 12 inches of topsoil in a wind-row on the north end 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 pit will be at least six feet deep 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 examination -

Reserve pit will be fenced with 48 inch woven wire with a strand of barbed wire on top, or at least five strands of barbed wire.

Trees (pinyon & juniper) removed from the location will be piled on the east end of the location and beyond the top soil windrow.

New access to the location will be at the northeast corner of the pad.

The reserve pit will be moved from the southeast quadrant to the southwest quadrant of the pad.

Trees removed from the short access will be windrowed along the northside.

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.).

SEED MIXTURE
(Mountain Brush Type)

<u>Grasses</u>		<u>Lbs/Acre</u>
Oryzopsis hymenoides	Indian rice grass	2
Elymus salinus	Wildrye	2
Carex geyeri	Carex (dry bud)	1
Stipa comata	Needle & thread (Mtn. type)	1
<u>Shrubs</u>		
Cowamia mexicana	Cliffrose	2
Purshia tridentata	Bitterbrush	2
Cercorarpus montanus	Mahgony (mountain)	1
Ephedra racidiflorus	Mormon tea	<u>1</u>
		12

Oil and Gas Drilling

EA No. 425-80

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 15, 1980

Operator Tenneco Oil Company Well No. 11-12
Location 710' FWL 1775' FSL Section 11 Township 17S Range 24E
County Grand State Utah Field/Unit Hogle
Lease No. SL071172 Permit No. _____

Prepared by: John Connor
Petroleum Engineer

Reviewed by: Glenn Doyle
Environmental Scientist
Grand Junction, Colorado

Joint Field Inspection Date: June 25, 1980

Field Inspection Participants, Titles, and Organizations:

<u>Bill Buniger</u>	<u>Dirt Contractor</u>
<u>Lee Freeman</u>	<u>Tenneco</u>
<u>John Owen, Elmer Duncan</u>	<u>Bureau of Land Management-Moab</u>
<u>John Connor, Glenn Doyle</u>	<u>U. S. Geological Survey</u>
_____	_____
_____	_____

Related Environmental Documents:
BLM-Colorado, Baxter-Douglas Unit Resource Analysis.
BLM-Colorado, Oil and Gas Umbrella Leasing EAR.
BLM-Moab, Book Mountain Unit Resource Analysis.

Admin Copy?
Pod 250 x 300
Pit 25 x 50
200' x 20' new access
19/09/80
Loc moved by 2
Access changed
2200' SW 550'
1/16/80
1-6

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.

The location was moved to reduce cuts and fills by resizing the reserve pit 100' x 200' to 25' x 150'. The pit is then cut deeper to contain the correct volume.

The access road was changed to have practical access to the Bryson Ridge Road. The Bryson Ridge Road was originally staked to the east of the proposed wellsite (as originally plotted on the APD). The road was then built on the west side of the proposed wellsite (as plotted on APD in red). The access road was changed to accommodate this and to keep the road away from the resized pits.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - Regional topography is the high, south-facing cliffs and steep-walled canyons of the Book Cliffs area of Western Colorado. The site sits on a high ridge at the summit of the cliffs on Bryson Ridge.

PARAMETER

A. Geology - The surface formation is Mesaverde, Cretaceous in age. Underlying the Mesaverde are the Mancos, Castlegate, Frontier, Dakota Silt, Dakota, Morrison, Salt Wash, and Entrada Formations.

Information Source: Application to Drill and ME, District Geologist.

1. Other Local Mineral Resources to be Protected: Potential for coal to be encountered in Dakota Formation. It is anticipated that the beds are thin and lenticular and therefore subcommercial. See Mineral Evaluation and Mining Report.

Information Source: ME, District Geologist and Mining Supervisor.

2. Hazards:

a. Land Stability: The location and access are built on the Mesaverde Sandstone. This soil is considered a moderate engineering material and is stable, provided the slopes are moderate, moisture content is low, and compaction of disturbed areas is adequate.

Information Source: John Connor, Petroleum Engineer, USGS.

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: von Hake, Carl A., Earthquake History of Utah, NOAA; Perkins, David M., 1974, Seismic risk maps, Reprint of Earthquake information bulletin, 6(6) Nov-Dec.; 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.

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

Information Source: Application to Drill and ME, District Geologist.

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, alkaline 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: Field observation and Bureau of Land Management.

D. Noise Levels - Operation would not blend with natural surroundings. Most likely unappealing to recreationists. Impact duration: life of well.

Information Source: Field observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The proposed location sits on top of a high ridge. Because of the tendency of the surface water to drain away naturally from the site, no diversion ditches were deemed necessary.

Information Source: Field observation.

b. Groundwaters: Fresh water could be encountered in the sands of the Mesaverde and Castlegate Formations. The BLM may request the completion of a water well if fresh water is encountered.

Information Source: ME, District Geologist and attached Stipulations.

2. Water Quality

a. Surface Waters: 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. 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 2250' of surface casing. Commingling of drilling fluids with potentially usable water could render groundwater unusable. Pits would be lined. The lining will consist of 2-3" of bentonite.

Information Source: Field observation.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the attached comments received from the Moab Area Bureau of Land Management on July 14, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Wellsite supports a stand of junipers, sagebrush, and various desert grasses. Construction would remove about 1.8 acres of vegetation increasing potential for non-point erosion and decreasing soil fertility. Because of the extreme dryness of the vegetation, a 20' wide area will be cleared of trees to minimize the possibility of fire.

Information Source: Field observation.

3. Fauna: Wildlife of the area consists of mule deer, coyotes, rabbits, and various small rodents. Vegetation removal reduces wildlife habitats and food sources. Deer are 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: Field observation.

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: None are affected.

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: John T. Evans, Environmental Scientist, USGS.

- J. Cultural Resources Determination: Based on the attached comments received from the Moab Area Bureau of Land Management on July 14, 1980, we determine that there would be no effect on cultural resources subject to archaeological clearance.

Information Source: Attached Bureau of Land Management Stipulations.

- 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: 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 1.8 acres of vegetation would be removed, increasing and accelerating erosion potential.
 - b. Pollution of groundwater systems ^{could} 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 watershed. The potential for pollution to the Colorado River 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.

2. Conditional approval

- a. All adverse impacts described in section one above would occur, except
 - 1) By lining the reserve pit with 2 to 3" of bentonite, the hazards posed by a reserve breach or leak will be mitigated.
 - 2) Resizing the reserve pit from 100'x200' to 25'x150' will lessen the pad size and impacts on vegetation. The resized pit will also accommodate the rig, per the operator's suggestion.
 - 3) By blading a 20' wide path around the blooie pit, the hazard of fire in the juniper stand in that area would be lessened.
 - 4) Realignment of the access road will provide a practical path from the Bryson Ridge Road to the pad and keep the access road away from the pit.

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. *None*

2. See attached BLM Stipulations.
3. Line reserve pit with two to three inches of bentonite.
4. Resize reserve pit from 100'x200' to 25'x150'.
5. Blading a 20' ^{dozar} (two cat swathes) wide path around the blooie pit to remove all flammable vegetation.
6. Realign road from SE corner to NE corner of pad.

Controversial Issues and Conservation Division Response: None at this time.

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

** FILE NOTATIONS **

DATE: September 16, 1980
OPERATOR: Seneco Oil Company
WELL NO: Wagle # 11-12
Location: Sec. 11 T. 17S R. 24E County: Grand

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-019-30701

CHECKED BY:

Petroleum Engineer: W.S. Minder 9-18-80
Approval for 320 ac. spaced unit in south 1/2 of section

Director: _____

Administrative Aide: K on gas well spacing per order

APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 165-4 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

#3
laydown

Lease Designation Plotted on Map

Hot Line P.I. Approval Letter Written W.S.M.

September 18, 1980

Tenneco Oil Company
720 South Colorado Boulevard
Denver, Colorado 80222

Re: Well No. Hogle #11-12
Sec. 11, 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. This well has been designated as a laydown 320.

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 43-019-30701.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm
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 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
Box 3249, Englewood, Co 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FWL, 1775' 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
SL 071172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hogle

9. WELL NO.
11-12

10. FIELD OR WILDCAT NAME
Wildcat

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

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7052' Ground

(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.)*

4/1/81 MIRURT. Spud well 3/31/81 w/ Brinkerhoff signal rig #32. Set 110' of 9 5/8" conductor pipe w/ spudder. Cmt 2/ 55sk Class-B and 2% CACL₂. Pick-up kelly and drill out plug. Dry up hole. Drill 8 3/4" hole ahead.

4/4/81 Drill to 2260'. Tog well. Circ and cond hole. RU and run 57 jts (2257') of 7" 23# csg set at 2247'. Cmt w/ 450sx 50/50 POX w/ 2% NFR-1, 10% salt, 2% CACL₂ and 1/4#/sk Flocele. Tailed in w/ 100sx Class-H and 2% CACL₂ w/ 1/4#/sk Flocele. Tailed in w/ 100sx Class-H and 2% CACL₂ w/ 1/4#/sk Flocele. Circ cmt to surface. WOC. NU BOP.

4/5/81 Pick up 20-4 5/8" drill collars and TIH. Pressure test BOPs and choke manifold to 1000 PSI for 15 mins. Held OK. Drill out shoe and dry up hole. Resume drilling.

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

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

SIGNED Carley Watkins TITLE Asst. Div. Adm. Mgr DATE April 15, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE APR 24 1981

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF
OIL, GAS & MINING

APR 28 1981

UNITED STATES
DEPARTMENT OF THE INTERIOR
DIVISION OF
GEOLOGICAL SURVEY
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use 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: 710'FWL, 1775'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 checked="" 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) | | | |

- 5. LEASE
SL - 071172
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- 7. UNIT AGREEMENT NAME
- 8. FARM OR LEASE NAME
Hogle
- 9. WELL NO.
11-12
- 10. FIELD OR WILDCAT NAME
Wildcat
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 11, T17S, R24E
- 12. COUNTY OR PARISH
Grand
- 13. STATE
UT
- 14. API NO.
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)
7052' ground

(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.)*

- 4/15/81 Drill to TD @ 5960' 4/14/81. Laid down drill pipe and collars. RU and run 134 jts. 4 1/2" 10.5# csg set @ 5959' w/ shoe @ 5958'. Cmt w/ 175 sx Self Stress w/ 2% D-13R and .75% D-65. Plug down 1/14/81. Circ cmt to csg top. Float held. Release rig 4/15/81.
- 4/18/81 MIRUSU. Ran cmt bond log. Set anchors.
- 4/19/81 RIH w/ 93 jts 2 3/8" tbg and 3 3/4" bit. Tag bottom @ 5942' KB. Rolled hole w/ 2% KCL water. Pressure test csg to 4000 PSI. Held OK. POOH w/ tbg and bit.
- 4/20/81 Perf'd Dakota w/ 3 1/8" csg gun @ 2 JSPF as follows; 5684-94', 5720-42', 5760-82' (54' 108 holes). RIH w/ 2 3/8" tbg and pkr. Set pkr @ 5598'. Acidize w/ 1500 gals 7 1/2% MSR acid and 162 ball sealers. AIR: 8 BPM. AIP: 2800 PSI. ISIP: 500 PSI, 15 min SIP: 250 PSI.
- 4/22/81 RIH w/ 4 stands 2 3/8" tbg. Knock balls off perfs. POOH. RIH w/ 2 3/8" tbg, SN 1, it off bottom.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Carley Watkins TITLE Asst. Div. Adm. Mgr. DATE April 23, 1981

(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: 710' FWL 1775' 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 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"/>

5. LEASE
SL-071172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hogle

9. WELL NO.
11-12

10. FIELD OR WILDCAT NAME
Wildcat

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

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7052' 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.)*

4/23/81 - Frac'd Dakota w/95,000 gals 75% quality foam @ 32 BPM w/20% methanol and 2% KCL water in frac fluid and 116,800# of 20/40 sand. Tested rate @ 2167 MCF/D. FTP: 45 PSI. FCP: 200 PSI.

4/24/81 - RIH w/20 jts of 2-3/8" tbg, tag bottom @ 5889'. Clean out 24' of sand fill. POOH w/4jts. Landed tbg @ 5805' KB. RDMOSU. Well flowing to clean up.

RECEIVED
MAY 5 1981

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

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

SIGNED Carley Stettin TITLE Asst. Div. Adm. Mgr. DATE 4/29/81

(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

12

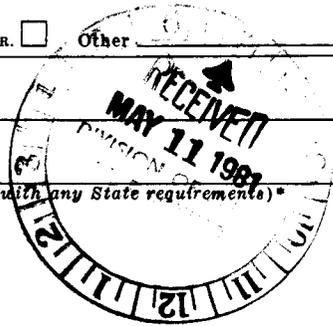
WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 710' FWL 1775' FSL
 At top prod. interval reported below
 At total depth



14. PERMIT NO. 43-019-30701 | DATE ISSUED 9-18-80

5. LEASE DESIGNATION AND SERIAL NO.
SL 071172
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
Hogle
 9. WELL NO.
11-12
 10. FIELD AND POOL, OR WILDCAT
Wildcat
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 11, T17S R24E

12. COUNTY OR PARISH Grand | 13. STATE Utah

15. DATE SPUDED 4/1/81 | 16. DATE T.D. REACHED 4/14/81 | 17. DATE COMPL. (Ready to prod.) 5/5/81 | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7052' gr. | 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 5960' | 21. PLUG, BACK T.D., MD & TVD 5942' | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY ROTARY TOOLS 0' - TD | CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5684-5782' Dakota | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CN/FL DI/SFL CDNL | 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
9-5/8"	36#	110'	12-1/4"	55sx Class B	
7"	23#	2247'	8-3/4"	450sx 50/50 POZ, 100sx Cl	H
4-1/2"	10.5#	5959'	6-1/4"	175sx self stress w/addtvs.	

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5805'	

31. PERFORATION RECORD (Interval, size and number)

5684-94'			
5720-42'			
5760-82'	54'	108 holes	2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5684-5782'	1500 gals 7-1/2% MSR acid 162 balls

33.* PRODUCTION

DATE FIRST PRODUCTION 5/2/81 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) **STGW**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/2/82	1-1/2	1-1/2" orifice			3155		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
40 PSI	600 PSI			3155		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold | TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Electric logs to be 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 *Curly Statton* | TITLE Asst. Div. Adm. Mgr. | DATE 5/6/81

*(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.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
		DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Mesaverde	Surface		1620	Sand, shale, water	Mancos B	2670	
Castlegate	1906		2050	Sand, water	Frontier	5260	
Dakota	5585		5787	Sand, shale, gas	Dakota Silt	5530	
Morrison	5787		TD	Shale, sand, water			

ARCO Oil and Gas Company
Western District
717-17th Street
Mailing address: P.O. Box 5540
Denver, Colorado 80217
Telephone 303 575 7000



October 28, 1981

Tenneco Oil Co.

EXPRESS MAIL

NOV 02 1981
U.S. DEPARTMENT OF
ENERGY
OFFICE OF OIL, GAS & MINING

United States Geological Survey
Mr. Robert Hendricks
1745 W. 1700 S
Ste 2000
Salt Lake City, Utah 84104

Re: Production Facilities
Hogle Well #11-12
710' FWL & 1775' FSL
Section 11-17S-24E
Grand County, Utah

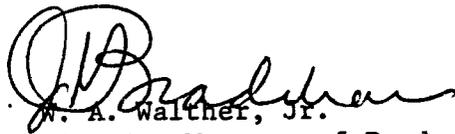
Dear Mr. Hendricks:

Enclosed please find an Application for Construction of Production Facilities pertaining to the above referenced well.

We have started pipeline construction. We are waiting on this permit to start production facilities.

Thank you for your consideration of this matter.

Very truly yours,


W. A. Walther, Jr.
District Manager of Production
for W. A. Walther, Jr.
Encl.

**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 ARCO Oil and Gas Company
Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR
P. O. Box 5540, Denver, Colorado 80217

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FWL & 1775' FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Approx the same

5. LEASE
SL 071172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hogle

9. WELL NO.
11-12

10. FIELD OR WILDCAT NAME
Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
11-17S-24E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7052' 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 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) CONSTRUCTION OF PRODUCTION FACILITIES	<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.)*

ARCO Oil and Gas Company, Division of Atlantic Richfield Company, hereby submits application for construction of production facilities.

Pipeline R-O-W has been approved by BLM in Moab, Utah 10-14-81.

13 Point Surface Use and Operations Plan attached.

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

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

SIGNED W.A. Walther, Jr. TITLE District Manager of Production DATE 10-28-81
for W.A. Walther (This space for Federal or State office use)

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

SURFACE USE AND OPERATIONS PLAN

Hogle #11-12
710' FWL & 1775' FSL
Grand County, Utah

1. EXISTING ROADS

- A. The proposed pipeline is shown on topo map.
- B. Please see original permit.
- C. All roads to and along pipeline are on topo map.
- D. N/A
- E. N/A
- F. All roads to the pipeline are existing and need no improvement.

2. PLANNED ACCESS ROAD - N/A

3. LOCATION OF EXISTING WELLS - N/A

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Within one mile radius of pipeline, the following existing facilities are owned or controlled by lessee/operator:

- (1) Tank Batteries: None
- (2) Production Facilities: None
- (3) Oil Gathering Lines: None
- (4) Gas Gathering Lines: Yes, as shown on map
- (5) Injection Lines: None
- (6) Disposal Lines: None

- B. New facilities will be as follows:

- (1) The length of the pipeline will be 883 feet, from the production facilities to the tie in point.
- (2) Three inch steel pipeline, will be laid on top of the ground in 20' right-of-way, as shown on survey plat. The production facilities will be located as shown on the wellsite plat.
- (3) The pipeline is route flagged with bright flouresent flagging tape to clearly mark the layout. The pipeline will be laid beside the road, as shown on pipeline plat.

Hogle #11-12
710' FWL & 1775' FSL
Grand County, Utah

5. LOCATION AND TYPE OF WATER SOURCE - N/A

6. CONSTRUCTION MATERIALS

No construction materials are needed for the construction of the pipeline. The surface soil materials will be sufficient, if needed.

7. HANDLING OF WASTE MATERIALS AND DISPOSAL

All materials and trash will be cleaned up and no adverse materials will be left on the pipeline Right-of-Way.

8. ANCILLARY FACILITIES - N/A

9. PIPELINE LAYOUT

As shown on topographic map and pipeline plat

10. PLANS FOR RESTORATION

Will be done in accordance with B.L.M. stipulations

11. OTHER INFORMATION

- (1) The soil is a sandy loam. No distinguishing geological features are present. The area is covered with cactus, sagebrush, pinon pine, juniper, oakbrush and native grasses. There are livestock, rabbits, deer and other animals indigenous to the area. The topography is steep canyons with the location being on a gently sloping ridgetop.
- (2) The primary surface use is for grazing. The surface is owned by the U.S. Government.
- (3) There are no dwellings within 3 miles of the pipeline. No cultural or historic artifacts were observed during the staking of this pipeline. Archaeology was performed by Fred Frampton with no find.
- (4) Construction is planned to start immediately. Construction should take 10 to 14 days.

Hogle #11-12
710' FWL & 1775' FSL
Grand County, Utah

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

W. A. Walther, Jr.
(303) 575-7031
575-7153

C. E. Latchem
(303) 575-7127
575-7152

ARCO Oil and Gas Company
Division of Atlantic Richfield Company
P. O. Box 5540
Denver, Colorado 80217

13. CERTIFICATION

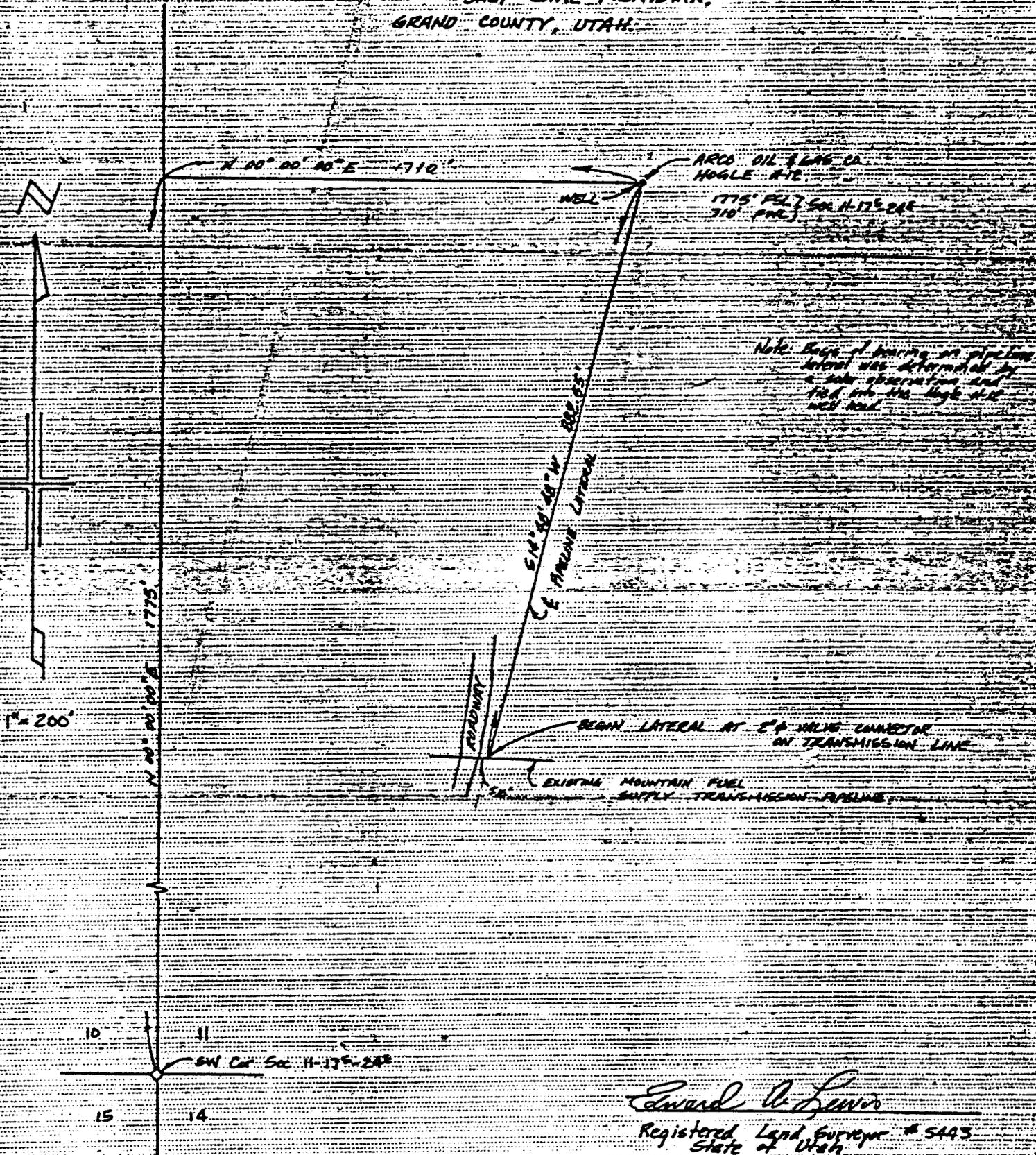
I hereby certify that I, or persons under my direct supervision, have inspected the proposed pipeline; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by ARCO Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Oct 28, 1981
Date



W. A. Walther, Jr.
District Manager of Production
for W. A. Walther Jr.

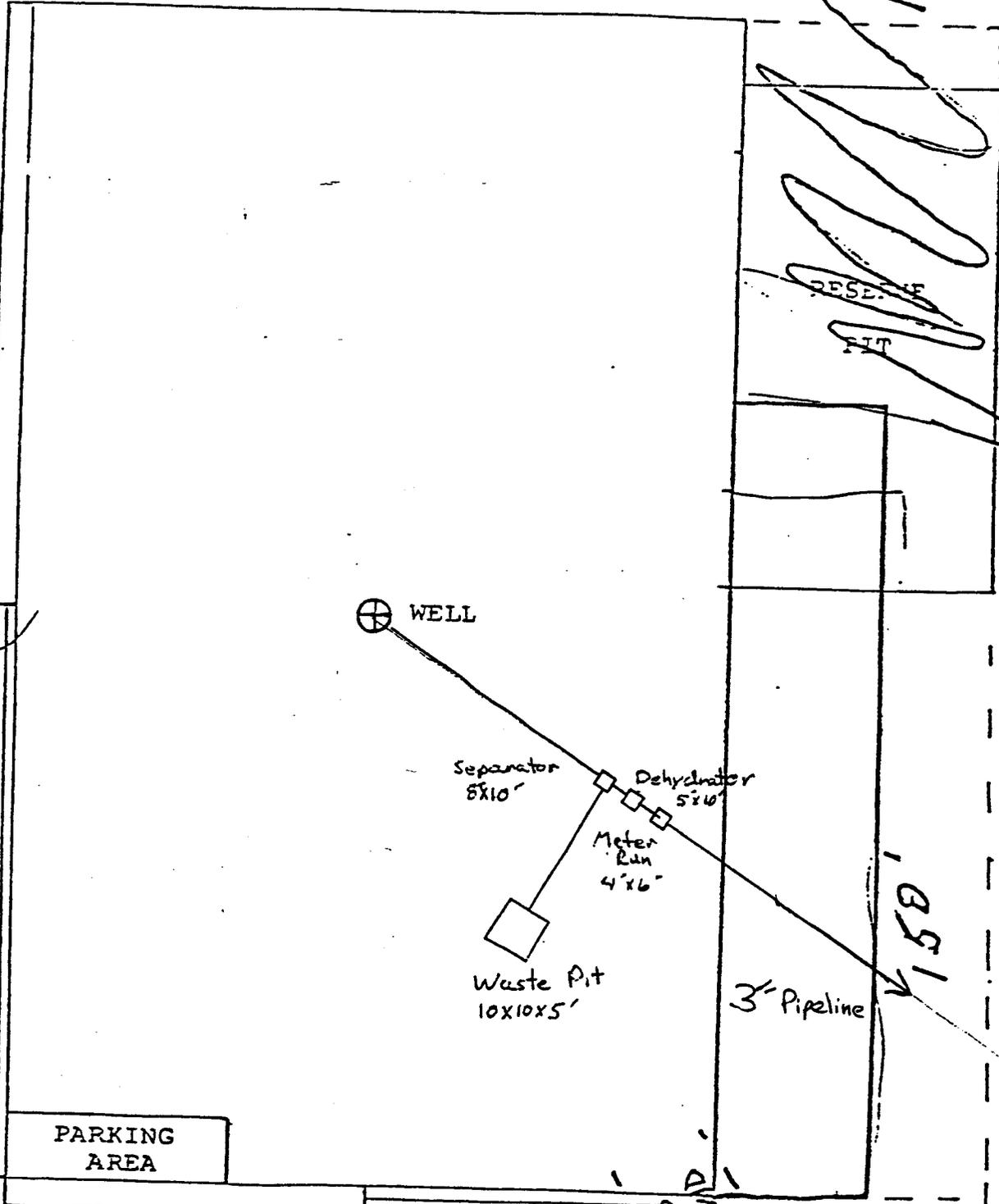
PLAT OF PIPELINE LATERAL
 IN THE W 1/2 OF THE SW 1/4 OF
 SECTION 11 - T17S - R24E
 OF THE SALT LAKE MERIDIAN,
 GRAND COUNTY, UTAH.



E. S. STEGEMAN
 July 24, 1981

Edward A. Lewis
 Registered Land Surveyor # 5443
 State of Utah

POWERS ELEVATION CO.
 GRAND JUNCTION, COLO.



*2-3" bentonite
 this reverse pit
 2 ft wide
 wide behind
 blow pit
 Rd route*

REPAIRED
 ACCESS
 ROAD

PROPOSED
 ACCESS
 ROAD

225

150

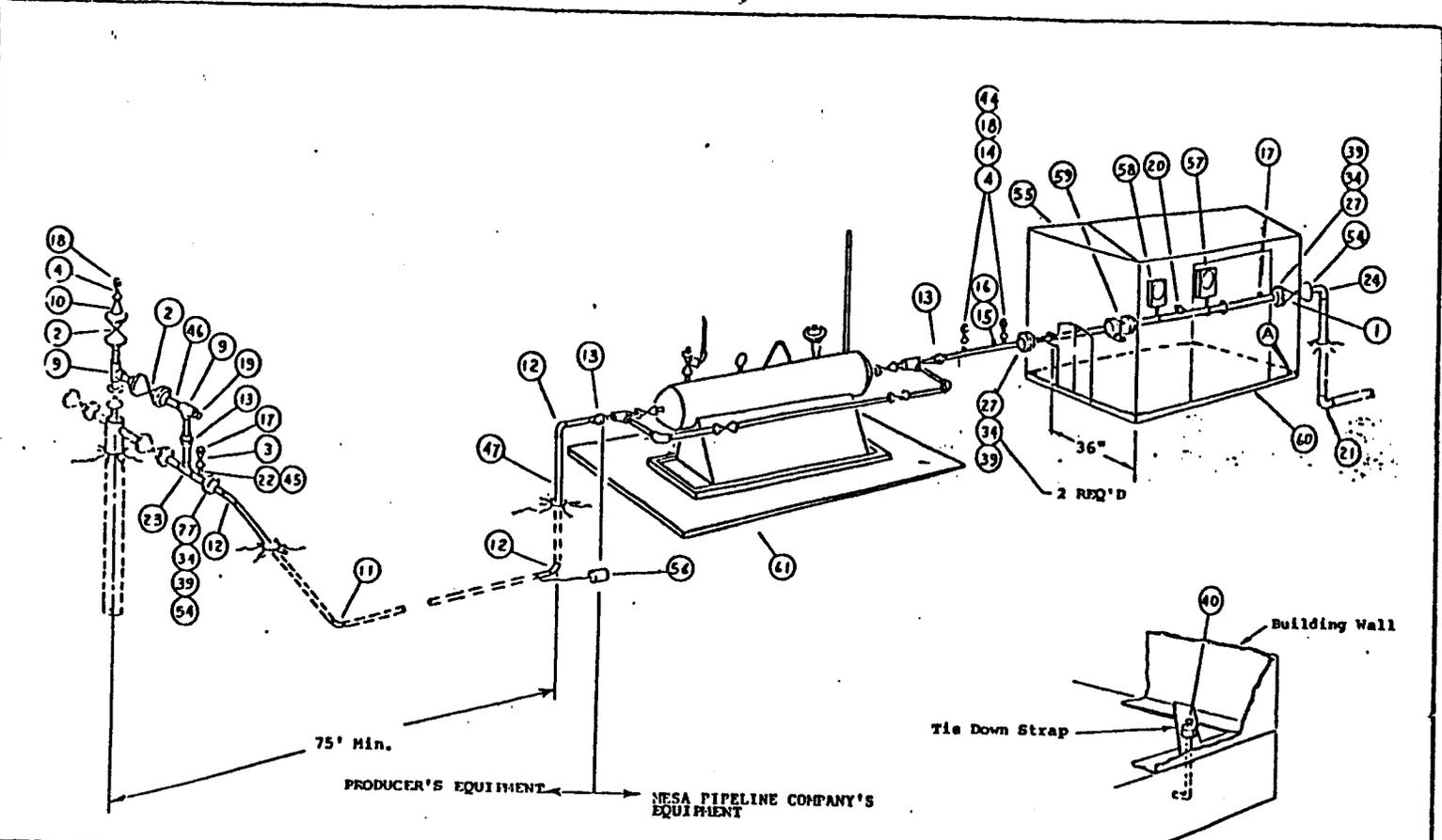
ITEM	QTY	UNIT	REMARKS
1-136 BELL	1500	SCPD	
1-136 BELL	1500	SCPD	
WELDE VALVE	1000	SCPD	

FITTINGS			
DESCRIPTION	QTY	UNIT	REMARKS
SCPD W/ E			
SWAGE			
45° L.R. W/ D EL			
90° L.R. W/ D EL			
ELB UNION	3000		
COUPLING	3000		
COUPLING	3000		
THIRD PLUG	3000		
SECOND PLUG	3000		
1ST PLUG	3000		
3D PLUG	3000		
DIPT	10		
90° L.R. W/ D EL			
COUPLING	30		
WELD TEE			
L.R. WELD REC EL			

ANGES			
DESCRIPTION	QTY	UNIT	REMARKS
W/ E	600	STI	

GASKETS			
DESCRIPTION	QTY	UNIT	REMARKS
ASBESTOS FILL FACE	600		

BOLTS AND STUDS			
DESCRIPTION	QTY	UNIT	REMARKS
1/2" BOLT W/ 2 HEX NUTS	3	E-7	



SPECIAL NOTE: Do not install these facilities in the center of the well location nor over the anchor left from the drilling and completion rigs as they both may be used in the future by a work over rig.

PIPE AND NIPPLES		SPECIAL MATERIALS		NOTES
ITEM	DESCRIPTION	ITEM	DESCRIPTION	
44	2" X3" 80	54	2" INSULATION W/ ANSI 600	
45	2" X3" 80	55	4"x6" STEEL BUILDING	
46	2" X8" 80	56	9" MAGNESIUM ANODE	
47	2" E	57	TEMP RECORDER, 0-100° F.	
48		58	FLEX RECORDER, 0-100° W.C., 0- psia	
49		59	2" - 3/4" PIPE	
50		60	34"x4'-0" X 1/2" - 1/4" COMPLETE FLARE & PIPELINE	
51		61	34"x6" 1/4" CONCRETE FILL	
52		62	2" C	
53		63		

(A)
Building Tie Down Strap W/ Anchor Bolt

MESA PIPELINE COMPANY	
STANDARD WELL HEAD HOOK UP FACILITY	
DATE	3-5-75
BY	THORNBURG
REVISIONS	5-23-78 P.M.G.

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

April 25, 1984

RECEIVED

APR 27 1984



DIVISION OF OIL
GAS & MINING

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

095
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

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

RECEIVED

AUG 19 1985

DIVISION OF OIL
GAS & MINING

August 16, 1985

Quinoco Petroleum, Inc.
P.O. Box 10800
Denver, Colorado 80210-0800

ms 246 5-11 Hogle 11-12

Re: Successor Communitization Agreement (CA)
Operator
No. CR-176
Grand County, Utah

Gentlemen:

On June 10, 1985, we received an indenture dated April 1, 1984, whereby Tenneco Oil Company resigned as CA Operator and Quinoco Petroleum, Inc. is accepted as Successor CA Operator for CA No. CR-176, Grand County, Utah.

The indenture was executed by working interest owners. The instrument is hereby accepted effective as of August 16, 1985. Please advise all interested parties of the change in CA operator.

Sincerely,

(Orig. Sgd.) R. A. Henricks

R. A. Henricks
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Division of Oil, Gas and Mining - John Baza
District Manager - Moab (w/enclosure)
Branch of Lands and Minerals Operations (w/enclosure)
File - CA CR-176
Accounts-Denver
Agr. Sec. Chron.

U-922:TAThompson:tt:8-16-85:x3025

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

6. Lease Designation and Serial Number UTSL 071172
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Hogle USA #11-12
10. API Well Number 43-019-30701
11. Field and Pool, or Wildcat Bryson Canyon

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)
2. Name of Operator Roemer Oil Company
3. Address of Operator 1675 Broadway, Suite 2750, Denver, CO 80202
4. Telephone Number (303) 592-4346
5. Location of Well Footage: 1775' FSL, 710' FWL Co. Sec. T., R., M.: NW SW 11-T17S-R24E County: Grand State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>	

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

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

Roemer Oil Company took over operations from Hallwood/Quinoco on 10/1/90, with the effective date of the sale 7/1/90.

JAN 04 1991
OIL, GAS AND MINING

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

Name & Signature Diana Sandberg Title Prod. Analyst Date 12/28/90
(State Use Only) Diana Sandberg

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

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

Other
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 1-8-91 Time: 1:33

2. DOGM Employee (name) L. ROMERO (Initiated Call)
Talked to:

Name JEANNA PAYNE (Initiated Call) - Phone No. (303) 850-6322
of (Company/Organization) QUINOCO

3. Topic of Conversation: REQUEST FOR CHANGE OF OPERATOR DOCUMENTATION.

(7 WELLS - SOLD TO ROEMER OIL COMPANY - EFF. 7-1-90) see attached **910904 interest change only.*

4. Highlights of Conversation: ORIGINAL CONTACT TO MS. PAYNE WAS ON 11-15-90, AT WHICH TIME I WAS TOLD DOCUMENTATION WOULD BE SENT ASAP. SHE WILL MAKE SURE THEY ARE SENT TO US ASAP. SHE ALSO STATED THAT QUINOCO CHANGED ITS COMPANY NAME TO HALLWOOD PETROLEUM INC., AND WILL SEND COPY OF NAME CHANGE ALONG WITH OPERATOR CHANGES.

** ms. Payne said she will do today, and mail ASAP. (2-8-91)
* received 2-22-91.*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPI #907
FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989

DISTRICT COPY TRANSFER OF OPERATING RIGHTS (SUBLEASE) IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Lease Serial No.

UTU-SL-0711

MDAD DISTRICT OFFICE

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Type or print plainly in ink and sign in ink.

PART A: TRANSFER

1. Transferee (Sublessee)* **Roemer Oil Company**
Street **1675 Broadway, Suite 2750**
City, State, ZIP Code **Denver, CO 80202**

*If more than one transferee, check here and list the name(s) and address(es) of all additional transferees on the reverse of this form or on a separate attached sheet of paper.

This transfer is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Operating Rights (sublease) Overriding Royalty, payment out of production or other similar interests or payments

2. This transfer (sublease) conveys the following interest:

Land Description	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein. <u>Township 17 South, Range 24 East</u> <u>Section 11: S/2</u> <u>Below 4,997'</u> <u>Containing 320 acres, more or less</u> <u>Grand County, Utah</u> EM Nominee Partnership Company Quinoco Oil & Gas Income Prog. 1983-2 Quinoco Oil & Gas Income Prog. 1983-3 Quinoco Oil & Gas Income Prog. 1983-4					
	3.78368	13.78468	-0-		7.5
	6.35088	6.35088	-0-		
	10.92144	10.92144	-0-		
	16.94400	16.94400	-0-		
	48%	48%	-0-		

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

THE UNITED STATES OF AMERICA

This transfer is approved solely for administrative purposes. Approval does not warrant that either party to this transfer holds legal or equitable title to this lease.

Transfer approved effective DEC 1 1990

ROBERT LOOMIS

Chief, Minerals

EM Nominee Partnership Company
By: Hallwood G.P., Inc., General Partner

By: Russell P. Meduna
Russell P. Meduna, Vice President

Hallwood Consolidated Partners, L.P., formerly Quinoco Consolidated Partners, L.P.,
a Colorado Limited Partnership, successor in interest by merger to Quinoco Oil and
Gas Income Programs 1983-2, 1983-3, 1983-4
By: Hallwood Oil and Gas, Inc., General Partner

By: Russell P. Meduna
Russell P. Meduna, Vice President

RECEIVED
JACO DISTRICT OFFICE
30 NOV -7 AM 11:17

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

The transferor certifies as owner of an interest in the above designated lease that he/she hereby transfers to the above transferee(s) the rights specified above.

Transferee certifies as follows: (a) Transferee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the transfer of NPR-A leases, transferee is a citizen, national, or resident alien of the United States or associations of such citizens, nationals, resident aliens or private, public or municipal corporations. (b) Transferee is not considered a minor under the laws of the State in which the lands covered by this transfer are located; (c) Transferee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one state if this is a geothermal lease; and (d) All parties holding an interest in the transfer are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts.

(e) Transferee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Transferee is not in violation of sec. 41 of the Mineral Leasing Act.

Transferee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein. Applicable terms and conditions include, but are not limited to, an obligation to conduct all operations on the leasehold in accordance with the terms and conditions of the lease, to condition all wells for proper abandonment, to restore the leased lands upon completion of any operations as described in the lease, and to furnish and maintain such bond as may be required by the lessor pursuant to regulations 43 CFR 3104, 3134, or 3206.

For geothermal transfers, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty to the United States when this transfer is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Witnessed this 28th day of September, 19 90

Executed this 28th day of September, 19 90

Name of Transferor See Above
Please type or print

ROEMER OIL COMPANY

Signature of Transferor _____
(Signature)

Transferee [Signature]
(Signature)

Signature of Attorney-in-fact _____
(Signature)

Attorney-in-fact _____
(Signature)

4582 S. Ulster St., Pkwy, Ste. 1700
(Transferor's Address)

BY: _____

Denver, CO 80237
(City) (State) (Zip Code)

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

5. LEASE DESIGNATION AND SERIAL NO.

1175 & 071122

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

1. OIL WELL [] GAS WELL [] OTHER []

2. NAME OF OPERATOR Roemer Oil Company (Report mailed from Hallwood/Quinoco)

8. FARM OR LEASE NAME

HOGLE USA

9. WELL NO.

11-12

3. ADDRESS OF OPERATOR 1675 Broadway, Suite 2750 Denver, Colorado 80237

10. FIELD AND POOL, OR WILDCAT

BRAYSON CANYON

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

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

SEC 11-T17S-R24E

14. PERMIT NO.

43-019-30701

15. ELEVATIONS (Show whether of, ft., or, etc.)

12. COUNTY OR PARISH 13. STATE

CRANDALL UT

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF [] FRACTURE TREAT [] SHOOT OR ACIDIZE [] REPAIR WELL [] (Other) Change of Operator

PULL OR ALTER CASING [] MULTIPLE COMPLETE [] ABANDON [] CHANGE PLANS []

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 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 7-1-90 Hallwood/Quinoco Petroleum, Inc. will no longer be operating the above well.

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 Technician

DATE 12-6-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

TITLE

DATE



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

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

March 5, 1991

Roemer Oil Company
1675 Broadway, Suite 2750
Denver, Colorado 80202

Gentlemen:

Re: Operator Change, Quinoco Co. to Roemer Oil Company - Grand County, Utah

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

A handwritten signature in cursive script that reads "Lisha Romero".

Lisha Romero
Administrative Analyst

cc: Dept. of Commerce
D. T. Staley
R. J. Firth
Operator Change File
WE76



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut 84180-1203. ● (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• 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	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (BBL)		
WESTBIT U 1 4301915047 05215 16S 25E 10	WSTC		U-05010		
WESTBIT 2 4301915048 05220 16S 25E 9	WSTC				
FEDERAL 6-14 4301930462 06525 17S 25E 6	DKTA				
HOGLE USA 14-4 4301930507 06535 17S 24E 14	DK-MR				
FEDERAL 6-7 4301930516 06540 17S 25E 6	DKTA				
STATE 2-14 4301930571 06560 17S 24E 2	CDMTN				
STATE 2-7 4301930604 06565 17S 24E 2	DKTA		ML-27489		
STATE 36-14 4301930605 06570 16S 24E 36	DKTA		ML-33908		
REINAUER 1-5 4301930697 06575 17S 24E 1	DKTA		U-38838		
HOGLE 11-12L 1 4301930701 06580 17S 24E 11	DKTA		SL-071172		
EDWARDS USA 12-2 4301930702 06585 17S 24E 12	DKTA				
CALVINCO 31-12 4301930704 06595 16S 25E 31	DKTA		U-13031	(910904 still Quinoco CP92 "C.A.")	
REINAUER 1-14 4301930733 06600 17S 24E 1	DKTA		U-38838		
TOTAL					

Comments (attach separate sheet if necessary) * Interest change Quinoco to Roemer Oil Co. eff. 12-1-90.
(Not an operator change.) (910904 St. Lands/Becky Awaiting add'l info.)

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

Authorized signature _____ Telephone _____

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/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 _____ 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.
** See Hillwood to Northstar spec. Chg. eff 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

110904 Btm/Moab Confirmed that this is an interest change only! (Fed. Leases)
 * Roemer Oil Company did not post bond coverage to transfer the wells over to Roemer, however Quinoco stopped reporting to mins eff. 9/90, Roemer started eff. 10/90 reporting production, conservation & Severance tax, etc.

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. 210
MAR - 8 1991

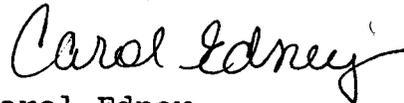
Re: Utah A/C #N9477

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
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 Oil (BBL)	Gas (MSCF)	Water (BBL)
WESTBIT U 1 4301915047 05215 16S 25E 10	WSTC ✓		U-05010	*	
WESTBIT 2 4301915048 05220 16S 25E 9	WSTC ✓		U-05010		
FEDERAL 6-14 4301930462 06525 17S 25E 6	DKTA ✓		U-38842		
HOGLE USA 14-4 4301930507 06535 17S 24E 14	DK-MR ✓		SL-071172		
FEDERAL 6-7 4301930516 06540 17S 25E 6	DKTA ✓		U-38842		
STATE 2-14 4301930571 06560 17S 24E 2	CDMTN ✓		ML-27489		
STATE 2-7 4301930604 06565 17S 24E 2	DKTA ✓		ML-37489	*	
STATE 36-14 4301930605 06570 16S 24E 36	DKTA ✓		ML-33908	*	
REINAUER 1-5 4301930697 06575 17S 24E 1	DKTA ✓		U-38838A	*	
HOGLE 11-12L 1 4301930701 06580 17S 24E 11	DKTA ✓		SL-071172	*	
EDWARDS USA 12-2 4301930702 06585 17S 24E 12	DKTA ✓		U-38030		
CALVINCO 31-12 4301930704 06595 16S 25E 31	DKTA ✓		U-13031	(910904 still Quinoco CR92 "C.A.")	
REINAUER 1-14 4301930733 06600 17S 24E 1	DKTA ✓		U-38838A	*	
TOTAL					

Comments (attach separate sheet if necessary) *Operator name from Quinoco to Hallwood Petroleum, Inc. eff. 7-18-91. (910904 st. lands / Becky awaiting additional documentation.)

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

Authorized signature _____ Telephone _____

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

OPERATOR CHANGE WORKSHEET

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- LCA	<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 ~~XXX~~ 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: <u>(SEE ATTACHMENT)</u>	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.

BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
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 Sept _____ 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 Banner 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.

COMMENTS

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

Entry No. 423842
Recorded 8-5-91 2:40 PM
Ek. 433 Pages 197 Fee 18.00

Lilly Mae Noorlander

Lilly Mae Noorlander

Recorder of Grand County

Westbit #1 Dietler 2-7
Tenneco St 36-14 Reinauer 1-5
Hogle 11-12 Calvinco 31-12
Reinauer 1-14
Grand County, Utah

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT the undersigned, Roemer Oil Company, 1675 Broadway, Suite 2750, Denver, Colorado 80202, hereinafter called "Assignor", for a valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, assign, transfer and set over unto, Northstar Gas Co., Inc., 15000 Northwest Freeway, Suite 203, Houston, Texas 77040, hereinafter called "Assignee", all of Assignor's right, title and interest in and to the oil and gas leases described on Exhibit "A", insofar as said leases cover the lands specifically described in connection therewith on said Exhibit "A", said lands being situated in Grand County, Utah, together with all of Assignor's interest in the well described on Exhibit "A" attached hereto, the production therefrom, and the personal property and improvements appurtenant to or used in connection with, or held for use or charged to the interests hereby conveyed, and all other appurtenances, including surface agreements, thereunto belonging to the extent attributable to the interests herein conveyed by Assignor and Assignee.

This Assignment and Bill of Sale and the interests hereby conveyed are made expressly subject to the following:

- (1) The terms, provisions and covenants of said lease and the provisions of all assignments under which Assignor holds title.
- (2) The terms and provisions of all presently existing contracts, agreements and instruments to the extent the same relate to any of the properties and interest hereinabove described.
- (3) Assignor makes no warranties or representations regarding the quality, condition and fitness for any particular use of the wells, equipment and personal property as to the undivided interest hereby conveyed to Assignee; and Assignee accepts all such wells, equipment and personal property in their present condition and assumes all responsibility, cost and liability associated therewith to the extent that the same shall accrue on or after the effective date of this Assignment and Bill of Sale.
- (4) Assignor makes no warranties or representations of any kind or character regarding title to the leasehold interests hereby assigned, except, by, through, or under Assignor's interest herein assigned.
- (5) Nothing to the contrary herein contained or referenced this Assignment and Bill of Sale shall be effective on July 1, 1991, at 7:00 a.m. M.S.T., regardless of the date it is actually executed and delivered.

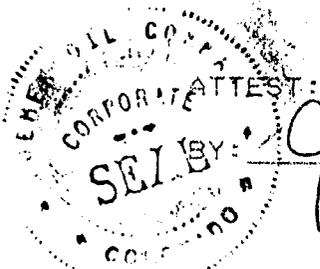
EXECUTED this 31st day of July, 1991.

ASSIGNOR

ROEMER OIL COMPANY

BY: *John F. Skil*

John F. Skil
ATTORNEY-IN-FACT



LE215 Hogie 11-12

EXHIBIT A
LEASE SCHEDULE

PAGE 1
23 AUG 1990

PROSPECT: UTAH WESTERN SLOPE
COUNTY: GRAND
STATE: UTAH

LEASE NO. BOOK, PAGE	LSE DATE EXP DATE	LESSOR NAME	LESSEE NAME	TOWNSHIP RANGE	SECTION	DESCRIPTION
907	12/01/50 11/30/55	BUREAU OF LAND MANAGEMENT USA U-SL-071172	CLAIR P. JONES	17S 24E	11	S/2

Insofar and only insofar as said lease pertains to
the following acreage:

Township 16 South - Range 25 East
Section 31: W/2

Entry No. 423-1
Recorded 8-5-91 2:40 PM
Bk. 433 Pg. 188 Fee 20.00
Lilly Mae Noorlander

Westbit #1
Tenneco State 36-14
Hogle 11-12
Reinauer 1-14
Grand County, Utah
Dietler 2-7
Reinauer 1-5
Calvinco 31-12

Lilly Mae Noorlander
Recorder of Grand County

ASSIGNMENT AND BILL OF SALE

KNOW ALL MEN BY THESE PRESENTS:

THAT the undersigned, Lamar B. Roemer, John F. Sheridan and Steven J. Swanson, 1675 Broadway, Suite 2750, Denver, Colorado 80202; Alliance Income Fund 1990, Ltd., 10711 Park Village Place, Suite 250, Dallas, Texas 75230 and Lawrence I. Kravetz and Sydney A. Kravetz, 6300 S. Syracuse Way, Suite 560, Englewood, Colorado 80111, hereinafter called "Assignor", for a valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, assign, transfer and set over unto; Roemer Oil Company, 1675 Broadway, Suite 2750, Denver, Colorado 80202, hereinafter called "Assignee", all of Assignor's right, title and interest in and to the oil and gas leases described on Exhibit "A", insofar as said leases cover the lands specifically described in connection therewith on said Exhibit "A", said lands being situated in Grand County, Utah together with all of Assignor's interest in the well described on Exhibit "A" attached hereto, the production therefrom, and the personal property and improvements appurtenant to or used in connection with, or held for use or charged to the interests hereby conveyed, and all other appurtenances, including surface agreements, thereunto belonging to the extent attributable to the interests herein conveyed by Assignor and Assignee.

This Assignment and Bill of Sale and the interests hereby conveyed are made expressly subject to the following:

- (1) The terms, provisions and covenants of said lease and the provisions of all assignments under which Assignor holds title.
- (2) The terms and provisions of all presently existing contracts, agreements and instruments to the extent the same relate to any of the properties and interest hereinabove described.
- (3) Assignor makes no warranties or representations regarding the quality, condition and fitness for any particular use of the wells, equipment and personal property as to the undivided interest hereby conveyed to Assignee; and Assignee accepts all such wells, equipment and personal property in their present condition and assumes all responsibility, cost and liability associated therewith to the extent that the same shall accrue on or after the effective date of this Assignment and Bill of Sale.
- (4) Assignor makes no warranties or representations of any kind or character regarding title to the leasehold interests hereby assigned, except, by, through, or under Assignor's interest herein assigned.
- (5) Nothing to the contrary herein contained or referenced this Assignment and Bill of Sale shall be effective on July 1, 1991, at 7:00 a.m. M.S.T., regardless of the date it is actually executed and delivered.

EXECUTED this 29th day of July, 1991.

Lamar B. Roemer
LAMAR B. ROEMER

Steven J. Swanson
STEVEN J. SWANSON

Lawrence I. Kravetz
LAWRENCE I. KRAVETZ

ASSIGNOR
John F. Sheridan
JOHN F. SHERIDAN

Sydney A. Kravetz
SYDNEY A. KRAVETZ

ATTEST:

BY: Sage Adams

ALLIANCE INCOME FUND 1990, LTD.

BY: Alberto...
President of Alliance Income Fund 1990, Ltd.
General Partner

ASSIGNEE

ROEMER OIL COMPANY

BY: Lamar B. Roemer
Lamar B. Roemer, President

ACKNOWLEDGEMENTS

STATE OF COLORADO)
) SS.:
COUNTY OF DENVER)

BEFORE ME, the undersigned, on this 30th day of July, 1991, personally appeared Lamar B. Roemer, John F. Sheridan and Steven J. Swanson, to me known to be the identical persons who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission Expires: 2-21-94

Donna A. Gray
Notary Public

STATE OF COLORADO)
) SS.:
COUNTY OF Arapahoe)

BEFORE ME, the undersigned, on this 29th day of July, 1991, personally appeared Lawrence I. Kravetz and Sydney A. Kravetz, to me known to be the identical persons who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed.

Witness my hand and seal on the above mentioned date.

My Commission Expires: 5-5-93

Linger L. Thomas
Notary Public

STATE OF TEXAS)
) SS.:
COUNTY OF Dallas)

On this 26th day of July, 1991, before me the undersigned a Notary Public, personally appeared Brian... of Alliance Income Fund 1990 Ltd., to me personally to be the ... and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and seal the above mentioned date.

My Commission Expires: 8-17-93

Mary E. Easter
Notary Public

STATE OF COLORADO)
) SS.:
COUNTY OF DENVER)

On this 30th day of July, 1991, before me the undersigned a Notary Public, personally appeared Lamar B. Roemer of Roemer Oil Company, to me personally known to be the President and the identical person whose name is affixed to the above instrument, and acknowledged the execution thereof to be his voluntary act and deed.

Witness my hand and Seal on the above mentioned date.

My Commission Expires: 2-21-94

Donna A. Gray
Notary Public

EXHIBIT A
LEASE SCHEDULE

LE215 Hogle 11-12

PROSPECT: UTAH WESTERN SLOPE
COUNTY: GRAND
STATE: UTAH

LEASE NO. BOOK, PAGE	LEASE DATE EXP DATE	LESSOR NAME	LESSEE NAME	TOWNSHIP RANGE	SECTION	DESCRIPTION
907	12/01/80 11/30/88	BUREAU OF LAND MANAGEMENT USA-U-SL-071172	CLAIR P. JONES	17S 24E	11	S/2

Insofar and only insofar as said lease pertains to
the following acreage:

Township 16 South - Range 25 East
Section 31: W/2



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
SL-071172
(U-942)
U-41374 (CR-176)

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 13, 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 Omimex as the operator of CR222 and Hallwood as the operator of CR176.



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

SL-071172

(U-942)

13746-071172

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.

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As for communitization agreements CR222 and CR176, our computer records show Omimex 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 (BLM 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

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 :

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Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM 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

* Rec'd 6-7-91
LCP

Moab District
P. O. Box 970
Moab, Utah 84532

3160
(U-05010) ✓
(U-38838A)
(SL-071172)
(CR92)
(U-065)

NOV 20 1990

Roemer Oil Company
1675 Broadway, Suite 2750
Denver, Colorado 80237

Re: Change of Operator

Well and Lease or CA:

Hogle USA No. 11-12,
Reinaure Fed. No. 1-5,
Reinaure No. 1-14,
Wesbit No. 1
Calvinco No. 31-12

SL-071172
U-38838A
U-38838A
U-05010
CR92. * 910904 still Quinoco.

Gentlemen:

We have received your change of operator sundry notices for the above captioned wells, and some deficiencies exist.

Well No. Calvinco 31-12 is on communitization agreement (CA) CR92. Change of operator on CAs must be approved through the BLM, Utah State Office in Salt Lake City. You may contact Mickey Coulthard at (801) 539-4042 for specific information on how to change operatorship on a CA.

Change of operator for the remaining four wells can be approved through this office via sundry notice. The sundry notices must contain the following self certification statement: "Roemer Oil Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands." In addition, the new operator must submit their BLM bond number to verify coverage of the operations.

Enclosed are the sundry notices you submitted. You may add the necessary information to the sundry notice for wells no. 1, 11-12, 1-5 and 1-14 and resubmit them.

11/20/90

If you should have any questions, please call Eric Jones at (801) 259-6111.

Sincerely yours,

/s/ WILLIAM C. STRINGER

Assistant District Manager
Mineral Resources

Enclosure:
As Stated Above

cc:
U-922, Utah State Office (M. Coulthard)

bcc:
Wang System Maintenance (Freudiger)(Delete)

EJones:caf:11/19/90 Wang 2831f

CAF

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

5. LEASE DESIGNATION AND SERIAL NO.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
9. WELL NO.
10. FIELD AND POOL, OR WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
12. COUNTY OR PARISH 13. STATE

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

14. PERMIT NO. 15. ELEVATIONS (Show whether OF, ST, 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) _____	(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 7/1/90 the following wells were sold to Roemer Oil Company.

Well Name	Federal Lease #	Utah Lease #
Wesbit #1 43-019-15047 ^{Sec. 10} 14ST25E	UTU5010	05215
Deitler 2-7	N/A	06565
Reinauer 1-5 42-019-30697	UTU38838A Sec. 1, T17S, R24E	06575
Hogle USA 11-12	UT071172	06580
Calvinco 31-12 42-019-30704	CR92 Sec. 31, T16S, R25E	06595
Reinauer 1-14 42-019-30733	UTU38838A Sec. 1, T17S, R24E	06600
Tenneco State 36-14	C6570	06570



AUG 19 1991

DIVISION OF OIL GAS & MINING

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

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

(This space for Federal or State office use)

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

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

6. Lease Designation and Serial Number

UTSL 071172

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well
 Oil Well
 Gas Well
 Other (specify)

9. Well Name and Number

Hogle USA # 11-12

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

10. API Well Number

43-019-307130701

3. Address of Operator

15000 N.W. FWY. SUITE 203 HOUSTON TX 77040

4. Telephone Number

(713) 937-4314

11. Field and Pool, or Wildcat

BRYSON CANYON

5. Location of Well

Footage : 1775' FSL, 710' FWL

County : Grand

OO, Sec, T., R., M. : NW SW 11-T17S-R24E

State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

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

* Must be accompanied by a cement verification report.

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

NORTHSTAR GAS COMPANY INC. TOOK OVER OPERATIONS FROM ROEMER OIL COMPANY
EFFECTIVE 08-01-91 WITH THE DATE OF SALE 07-01-91.

RECEIVED

AUG 29 1991

DIVISION OF
OIL GAS & MINING

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

Name & Signature

Paul A. Bernard Jr.

Title Sec./Treas.

Date 08-26-91

(State Use Only) Paul A. Bernard Jr.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

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

Other
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 9-4-91 Time: 3:40

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to:

Name DIANA SANDBERG (Initiated Call - Phone No. (303) 592-4341
of (Company/Organization) ROEMER OIL COMPANY

3. Topic of Conversation: CHANGE OF OPERATOR FROM ROEMER TO NORTHSTAR GAS CO.

4. Highlights of Conversation: THE WELLS IN QUESTION (SEE ATTACHED) WERE SOLD TO
ROEMER OIL COMPANY FROM QUINOCO CO. EFFECTIVE 7-1-90, HOWEVER THE PAPERWORK
WAS NOT COMPLETED UNTIL 10-1-90. QUINOCO STOPPED REPORTING TO MMS/PRODUCTION
AS OF SEPTEMBER 1990. ROEMER STARTED REPORTING TO MMS/PRODUCTION AS OF OCTOBER
1990. ROEMER ALSO STARTED REPORTING CONSERVATION & SEVERANCE TAX AS OF 10-1-90.
THE BLM/MOAB NEVER OFFICIALLY ACCEPTED THE CHANGE OF OPERATOR BECAUSE ROEMER OIL
COMPANY DID NOT POST BOND COVERAGE AND HAS BEEN TRYING TO SELL THE PROPERTIES
SINCE THE TIME OF PURCHASE. EFFECTIVE 8-1-91 ROEMER SOLD THE WELLS TO NORTHSTAR
GAS COMPANY AND SAYS THAT NORTHSTAR HAS POSTED BOND COVERAGE. ROEMER WILL SUBMIT
DOCUMENTATION TO THAT EFFECT.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

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

Other
OPERATOR CHANGE
FILE _____

1. Date of Phone Call: 9-4-91 Time: 3:40

2. DOGM Employee (name) L. ROMERO (Initiated Call
Talked to:
Name DIANA SANDBERG (Initiated Call - Phone No. (303) 592-4341
of (Company/Organization) ROEMER OIL COMPANY

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AS OF SEPTEMBER 1990. ROEMER STARTED REPORTING TO MMS/PRODUCTION AS OF OCTOBER
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THE BLM/MOAB NEVER OFFICIALLY ACCEPTED THE CHANGE OF OPERATOR BECAUSE ROEMER OIL
COMPANY DID NOT POST BOND COVERAGE AND HAS BEEN TRYING TO SELL THE PROPERTIES
SINCE THE TIME OF PURCHASE. EFFECTIVE 8-1-91 ROEMER SOLD THE WELLS TO NORTHSTAR
GAS COMPANY AND SAYS THAT NORTHSTAR HAS POSTED BOND COVERAGE. ROEMER WILL SUBMIT
DOCUMENTATION TO THAT EFFECT.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

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

Other
OPERATOR CHANGE
FILE.

1. Date of Phone Call: 9-5-91 Time: 11:00

2. DOGM Employee (name) L. ROMERO (Initiated Call ~~XXX~~
Talked to:
Name VERLENE BUTTS (Initiated Call - Phone No. (801) 259-2152
of (Company/Organization) BLM/MOAB

3. Topic of Conversation: OPERATOR CHANGE "HALLWOOD PETROLEUM, INC. TO NORTHSTAR
GAS COMPANY INC."

4. Highlights of Conversation: THE BLM/MOAB APPROVED THE CHANGE OF OPERATOR FROM
HALLWOOD PETROLEUM, INC. TO NORTHSTAR GAS COMPANY INC. ON 9-4-91 EFFECTIVE
8-1-91. THE LEASES AND WELLS INVOLVED ARE AS FOLLOWS:

U-38838A	-REINAUER 1-14	43-019-30733
	REINAUER 1-5	43-019-30697
U-05010	-WESTBIT U 1	43-019-15047
SL-071172	HOGLE 11-12L	43-019-30701

*APPROVED COPIES FROM THE BLM WILL BE MAILED OR FAXED.

(ROEMER OIL COMPANY WAS NEVER RECOGNIZED AS OPERATOR OF THESE WELLS)

*LEASE U-13031/CR92 "C.A." (CALVINCO 31-12/43-019-30704) STILL QUINOCO CO.

Form 9
 STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number UTSL 071172
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Hogle USA #11-12
10. API Well Number 43-019-30701
11. Field and Pool, or Wildcat Bryson Canyon

SUNDRY NOTICES AND REPORTS ON WELLS
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
 Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	
2. Name of Operator Roemer Oil Company	
3. Address of Operator 1675 Broadway, Suite 2750, Denver, CO 80202	4. Telephone Number (303) 592-4341
5. Location of Well Footage 1775' FSL, 710' FWL CQ. Sec. T., R., M. : NW SW 11-T17S-R24E County : Grand State : UTAH	

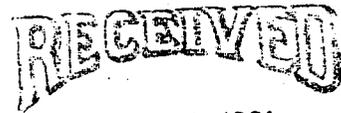
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

<p>NOTICE OF INTENT (Submit in Duplicate)</p> <input type="checkbox"/> Abandonment <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Recompletion <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Other _____ <p>Approximate Date Work Will Start _____</p>	<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <input type="checkbox"/> Abandonment * <input type="checkbox"/> New Construction <input type="checkbox"/> Casing Repair <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Water Shut-Off <input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>
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13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8/1/91, Northstar Gas Company purchased Roemer's interest and took over operations of this well.

NORTHSTAR GAS COMPANY, INC.
 15000 Northwest Freeway, Suite 203
 Houston, TX 77040
 (713) 937-4314



SEP 09 1991

DIVISION OF
 OIL GAS & MINING

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

Name & Signature <i>Diana Sandberg</i>	Title Prod. Analyst	Date 9/4/91
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(State Use Only)

Routing:

1- LCR	<i>[initials]</i>
2- DTS	<i>[initials]</i>
3- VLC	<i>[initials]</i>
4- RJF	<i>[initials]</i>
5- RWM	<i>[initials]</i>
6- LCR	<i>[initials]</i>

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: 8-1-91)

TO (new operator)	<u>NORTHSTAR GAS COMPANY INC.</u>	FROM (former operator)	<u>HALLWOOD PETROLEUM, INC.</u>
(address)	<u>15000 N.W. FWY, SUITE 203</u>	(address)	<u>P. O. BOX 378111</u>
	<u>HOUSTON, TX 77040</u>		<u>DENVER, CO 80237</u>
	<u>PAUL BERNARD</u>		<u>DEBI SHEELY</u>
	phone <u>(713) 937-4314</u>		phone <u>(303) 850-6322</u>
	account no. <u>N6680 (9-11-91)</u>		account no. <u>N5100</u>

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

Name: <u>WESTBIT U 1/WSTC</u>	API: <u>43-019-15047</u>	Entity: <u>05215</u>	Sec: <u>10</u> Twp: <u>16S</u> Rng: <u>25E</u>	Lease Type: <u>U-05010</u>
Name: <u>STATE 2-7/DKTA</u>	API: <u>43-019-30604</u>	Entity: <u>06565</u>	Sec: <u>2</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>ML-27489</u>
Name: <u>STATE 36-14/DKTA</u>	API: <u>43-019-30605</u>	Entity: <u>06570</u>	Sec: <u>36</u> Twp: <u>16S</u> Rng: <u>24E</u>	Lease Type: <u>ML-3390E</u>
Name: <u>REINAUER 1-5/DKTA</u>	API: <u>43-019-30697</u>	Entity: <u>06575</u>	Sec: <u>1</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>U-38838A</u>
Name: <u>BOGLE 11-12L 1/DKTA</u>	API: <u>43-019-30701</u>	Entity: <u>06580</u>	Sec: <u>11</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>SL-07117</u>
Name: <u>REINAUER 1-14/DKTA</u>	API: <u>43-019-30733</u>	Entity: <u>06600</u>	Sec: <u>1</u> Twp: <u>17S</u> Rng: <u>24E</u>	Lease Type: <u>U-38838A</u>
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____

- *QUINOCO CHG'D NM TO HALLWOOD 7-18-91.
- *INTEREST CHG FR QUINOCO TO ROEMER 7-1-90/BLM DOES NOT RECOGNIZE ROEMER AS EVER BEING OPERATOR.
- * (INTEREST CHG FR ROEMER TO NORTHSTAR GAS 8-1-91)

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 9-4-91) (Rec'd 9-9-91)*
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 8-29-91)*
- 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: #144214.
- 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. *(9-12-91)*
- 6 6. Cardex file has been updated for each well listed above. *(9-12-91)*
- 7 7. Well file labels have been updated for each well listed above. *(9-12-91)*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-12-91)*
- 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.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 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 _____ 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: _____ 19____.

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

910905 Btm/moab Approved on 9-4-91 effective 8-1-91. (see phone documentation)

910905 St. Lands/Becky Awaiting additional info.