

FILE NOTATIONS

Entered in SED File ✓

Location ✓

Card Indexed

Checked by Chief

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 6/19/79

Location Inspected

C ✓ .. WW..... TA.....

Bond released

SIGW ✓ .. OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log ✓.....

Electric Logs (No.) ✓.....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
 P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 1253' FEL, 1358' FSL
 At proposed prod. zone: None

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 Approximately 40 miles North West of Salt Lake City, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 12558 West North Temple Salt Lake City, Utah 84116

16. ACRES IN LEASE
 480

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

19. PROPOSED DEPTH
 5600' Morrison test

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6223' GL, 6234' KB

22. APPROX. DATE WORK WILL START*
 November 15, 1978

5. LEASE DESIGNATION AND SERIAL NO.
 USA U-29641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 13-9

10. FIELD AND POOL, OR WILDCAT
 San Arroyo

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
 Sec. 13-T16S-R25E

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
12558 West North Temple
Salt Lake City, Utah 84116

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8" new	K-55 36#	80'	75 sacks
8-3/4"	7" new	K-55 20#	1500'	150 sacks
6 1/4"	4 1/2" new	K-55 10.5#	T.D.	250 sacks

- Surface formation is the Mesaverde. Frontier - 4450'. Dakota - 4750'. Morrison - 5000'.
- No water, oil or other minerals are anticipated. Gas is expected to be encountered at top of the Dakota and in the Morrison.
- A double hydraulic BOP will be used and tested to 1000 psi for 15 minutes. Rams will be closed daily.
- Water and gel type mud will be used to drill to 90'. Air & mist drilling from 90' to T.D. Approximately 200 barrels of gel type mud will be used to drill to 90'. No weighting materials will be maintained.
- IES and FDC-CNL logs will be run at total depth. All potential zones will be analyzed and if potentially commercial, 4 1/2" casing will be set, cemented and perforated.
- No drill stem tests or cores are planned. We will complete the well in the zones in which the presence of hydrocarbons are found. Potential producing zones ascertained from the drilling of the well will be perforated through 4 1/2" casing and, if necessary, a fracturing treatment will be used utilizing nitrogen, sand and potassium chloride water. (p.2)

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

24. SIGNED R. D. Ballantyne TITLE Drilling Superintendent DATE September 15, 1978
R. D. Ballantyne

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE FEB 06 1979
APPROVED BY WP Mauter TITLE ACTING DISTRICT ENGINEER DATE _____
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

NOTICE OF APPROVAL

STATE O&G

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

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. USA-U-29641

OPERATOR: Palmer Oil & Gas Company

WELL NO. 13-9

LOCATION: ½ NE ½ SE ¼ sec. 13, T. 16S, R. 2SE, SLM

Grand County, Utah

1. Stratigraphy: The well will spud in the Farrer non-coal-bearing member of the Price River Formation. The operator will be testing the Frontier - 4450', Dakota - 4750' & Morrison - 5000'. Gas is anticipated at the top of the Dakota & in the Morrison.
2. Fresh Water: Fresh water may be encountered in the Mesaverde Group (Price River Formation).
3. Leasable Minerals: Coal beds may occur in the Chesterfield coal zone, Sulphur Canyon sandstone, Neslen coal-bearing member, Palisade coal zone & the Sego sandstone member. If coal beds are encountered they must be protected.
4. Additional Logs Needed: Operator's logs seem adequate.
5. Potential Geologic Hazards: unknown.
6. References and Remarks: Within N. M. S. San Arroyo Field
U.S. B.S. 852

Signature: emb

Date: 10-10-78

United States Department of the Interior
 Geological Survey
 8440 Federal Building
 Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U 29641
 Operator Palmer Oil & Gas Company Well No. 13-9 Federal
 Location NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 13 T. 16S R. 25E
 County Grand State Utah Field San Arroyo
 Status: Surface Ownership Public Minerals Federal
 Joint Field Inspection Date October 25 and November 6, 1978

Participants and Organizations:

<u>Elmer Duncan</u>	<u>Bureau of Land Management - Moab, Utah</u>
<u>Bill Buniger</u>	<u>Operator Rep. and Dirt Contractor</u>
<u>Ray Foster</u>	<u>U.S. Geological Survey</u>
<u>Steve Roberts</u>	<u>Dirt Equipment Operator</u>
<u> </u>	<u> </u>

Related Environmental Analyses and References:

- (1) Book Mountain Planning Unit
- (2)

JAN 06 1979

Change in Access Road
 to west side
 of Canyon
 Pad 175x250
 Pad 18x70
 0.4 mi. new access
 Upgrade 2 mi access
 Gas flow line submitted
 Stockpile topsoil
 2 ac

Analysis Prepared by: Ray Foster Environmental Scientist
 Salt Lake City, Utah

Reviewed by: George Diwachak Environmental Scientist
 Salt Lake City, Utah

Date November 7, 1978

Noted - G. Diwachak

Proposed Action:

On September 29, 1978, Palmer Oil & Gas Company filed an Application for Permit to Drill the No. 13-9 Federal development well, a 5600 ft. gas test of the Morrison formation; located at an elevation of 6223 ft. in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ section 13, T.16S., R.25E on Federal mineral lands and Federal surface; lease No. U 29641. There was no objection raised to the well-site. As an objection was raised to the access road it was changed to follow the west side of the canyon. See attached map for road changes. A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 175 ft. wide x 250 ft. long, and a reserve pit 18 ft. wide x 70 ft. long. A new access road will be constructed 18 ft. wide x 0.4 mile long and upgrade 18 ft. wide by 2 miles access road from an existing and improved road.

The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line have been submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 10 days.

Location and Natural Setting:

The proposed drillsite is approximately 40 miles northwest of Mack, Colorado, the nearest two. A fair road runs to within $\frac{1}{2}$ mile of the location. This well is in the San Arroyo field.

Topography:

Mountain terrain dissected by small canyons. The location is on an east jutting nose on south side of steep narrow canyon.

Geology:

The surface geology is Mesaverde. The soil is sandy loam. No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels which might permit exposed upper formations to blowout or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation. Operator proposes to use air and mist drilling methods which would eliminate lost circulation problems.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay-type soil. The soil is subject to runoff from rainfall and has a high runoff potential, and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon, juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice,

construction of water bars, and reseeded of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 10 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominantly from West to East. Air mass inversions are rare.

The climate is semiarid with abundant sunshine, hot summers and cold winters, with temperature variations on a daily and seasonal basis.

Surface-Water Hydrology:

Drainage is to the south into BarX Canyon.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface-water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Ground-Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

The depths of fresh-water formations are listed in the 10-Point Sub-surface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Pinon-Juniper, Mormon tea, Mountain Mahogany, sparse grasses. Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the Bureau of Land Management. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic artifact,

an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location should be painted a light sand color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Grand County. But should this well discover a significant new hydrocarbon source, local, State, and possibly National economies might be improved. In this instance, other development wells would be anticipated with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, re-seeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Land Use:

There are no National, State, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record (EAR) was compiled by the Bureau of Land Management, the surface management agency of the Federal surface in the area. The study includes additional information on the environmental

impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State Offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

(1) Not approving the proposed permit--The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite or any special restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

→ The access road route was changed near the wellsite to follow the west side of the canyon utilizing and existing access road. See attached map for road change.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would

be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil, or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh-water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to BarX Wash would exist through leaks and spills.

Determination:

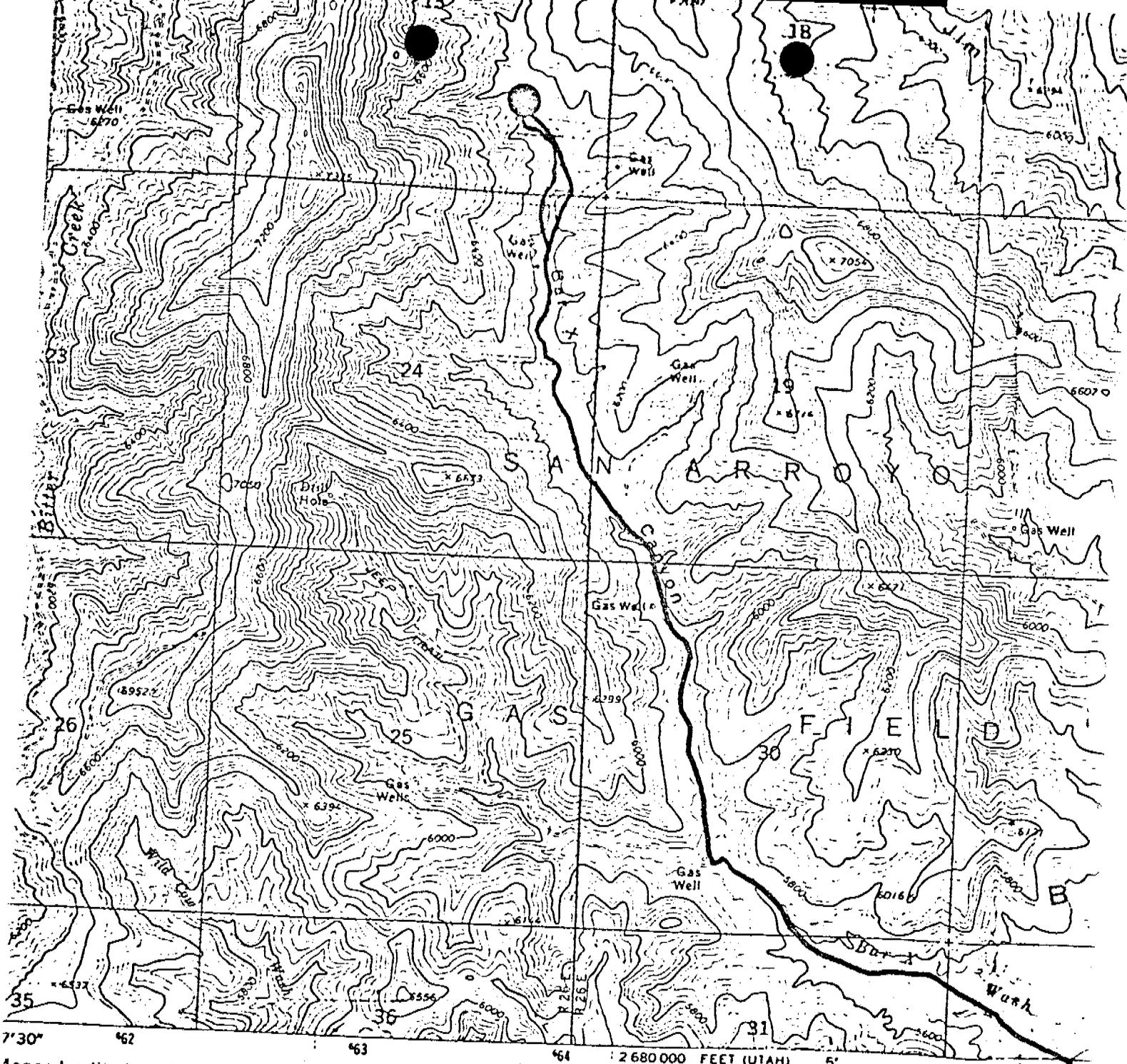
This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

Date

11/28/78

E. W. Longman
 District Engineer
 U.S. Geological Survey
 Conservation Division
 Oil and Gas Operations
 Salt Lake City District





Map compiled, edited, and published by the Geological Survey
 under control by USGS and USC&GS

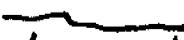
Elevation topography by photogrammetric methods from aerial
 photographs taken 1969. Field checked 1970

Projection: Polyconic projection. 1927 North American datum
 Grids: 10,000-foot grids based on Utah coordinate system, central zone
 and Colorado coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks,
 one 12, shown in blue

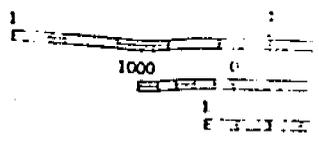
Certain land lines are omitted because of insufficient data

Map #1

Proposed Road 

Existing Road 

change in road



UTM GRID AND 1970 MAGNETIC DECLINATION AT CENTER OF SHEET

THIS MAP IS
 FOR SALE BY U.S. GEOLOGICAL SURVEY
 WITH A FOLDER DESCRIBING

PALMER OIL & GAS COMPANY

P.O. BOX 2564
BILLINGS, MONTANA 59103
(406) 248-3151

September 26, 1978

U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138



Gentlemen:

Enclosed please find Application to Drill covering our #13-9 Federal well in Grand County, Utah.

Also enclosed are Designation of Operator forms from Universal Resources Corporation.

Yours very truly,

PALMER OIL & GAS COMPANY

Grace E. Brown
Drilling Department

gb

Enclosures

cc: State of Utah
Oil, Gas & Mining Division
1588 West, North Temple
Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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7. UNIT AGREEMENT NAME

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10. FIELD AND POOL, OR WILDCAT
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11. SEC., TWP., OR BLK. AND SURVEY OR AREA
 Sec. 13-T16S-R25E

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 40 miles Northwest of Mack, Colorado

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16. NO. OF ACRES IN LEASE
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17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

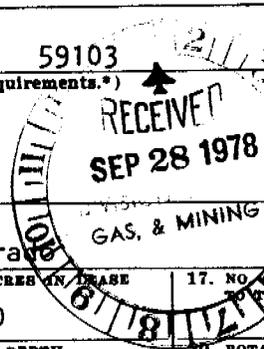
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21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6223' GL, 6234' KB

22. APPROX. DATE WORK WILL START*
 November 15, 1978



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6 1/2"	4 1/2" new	K-55 10.5#	T.D.	250 sacks

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- No drill stem tests or cores are planned. We will complete the well in the zones in which the presence of hydrocarbons are found. Potential producing zones ascertained from the drilling of the well will be perforated through 4 1/2" casing and, if necessary, a fracturing treatment will be used utilizing nitrogen, sand and potassium chloride water. (p.)

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24. SIGNED R. D. Ballantyne TITLE Drilling Superintendent DATE September 15, 1978
R. D. Ballantyne

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Description of Proposed Program (continued)

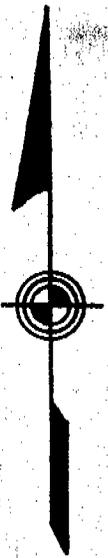
All operations will be done in a safe manner in accordance with OSHA standards. A well site sketch on a "Sundry Notice" Form 9-331 will be provided after the fracture treatment has been designed, which can not be done until the well has been drilled and cased and the amount of fracture treatment determined. No flammable fluids will be used.

7. Commencement date will be approximately November 15, 1978, and completion of drilling will be approximately 10 days from commencement date.
8. Gas has not been dedicated.
9. Survey plat enclosed.
10. Spacing unit for this well is the S $\frac{1}{2}$.
11. Designation of Operator enclosed.



R. 25 E

N



West 5279' Rec.

NO 01'W
5280'
Rec.

Ground elevation at well is
6223'

13

T. 16 S

PALMER OIL & GAS COMPANY
#13/9 Federal

1253' FEL

North
5280'
Rec.

1358' FSL

N89 52'W 5285'

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Jim Routson
for PALMER OIL & GAS COMPANY
determined the location of #13/9 Federal
to be 1253' FEL & 1358' FSL Section 13 Township 16 S
Range 25 E of the Salt Lake Base & Meridian, Utah
Grand County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#13/9 Federal

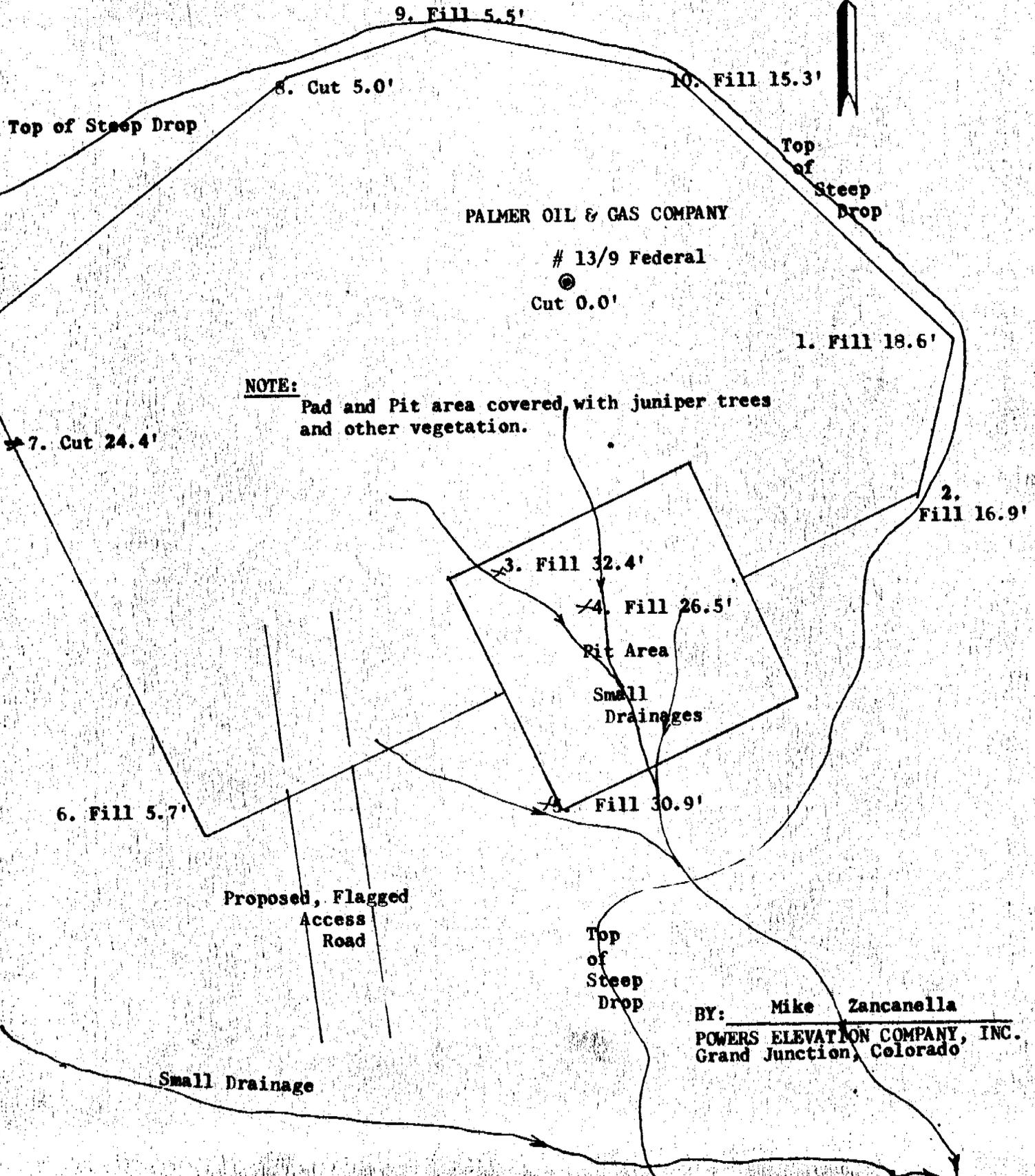
Date: _____

T. Nelson

Licensed Land Surveyor No. IS 2711
State of Utah

PALMER OIL & GAS COMPANY
#13/9 Federal
1253' FEL & 1358' FSL
Sec 13, T16S, R25E
Grand, Utah

SCALE: 1' = 50'



NOTE: Pad and Pit area covered with juniper trees and other vegetation.

BY: Mike Zancanella
POWERS ELEVATION COMPANY, INC.
Grand Junction, Colorado

TWELVE POINT PLAN OF DEVELOPMENT

For Surface Use for Palmer Oil & Gas Federal #13-9
Section 13-T16S-R25E
Grand County, Utah

1. Existing road including location of exit from the main highway.
Location is approximately 25 miles North of US 6 and 50, then North 2 miles on the "#2 Road" which leads to an existing road into Bar-X Canyon.
2. Planned access road.
See Map No. 1.
3. Location of existing wells.
See Map No. 2. Road flagged with yellow & red ribbons.
4. Location of tank batteries, production facilities and production gathering and service lines - See Plat No. 3 attached.
 - 1) The existing drillsite pad will be used.
 - 2) A gas separator with dimensions of 3' x 8' to be set within 100' of the well bore, if well produces any fluids and a dehydrator will possibly be used.
 - 3) Gas separator unit will be set of 3" x 12" x 5' timbers.
 - 4) Gas separator will be a compact unit totally enclosed in a metal house.See 10. for rehabilitation of disturbed areas no longer needed for operations after construction is completed.
5. Location and type of water supply.
Grand Valley Water Users and hauled from a ditch near Mack, Colorado, or from West Salt Creek drain ditch near Mack, Colorado.
6. Source of construction materials.
No construction materials will be needed for the access road or location.
7. Methods for handling waste disposal.
 - 1) Cuttings will be buried 3' under top soil.
 - 2) Drilling fluids will be left in open pit to evaporate.
 - 3) Produced oil or condensate (if any) will be stored in a tank and sold. Produced water will be disposed of in compliance with rules and regulations of the USGS and the State of Utah.
 - 4) Portable toilet to be provided.
 - 5) Trash will be burned in burn pit.
 - 6) Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil to be placed on top of any remaining fluid and cuttings; then top soil will be used to cover both pit and location area.
8. Ancillary facilities.
No camps or airstrips will be used.

9. Wellsite layout.

See Plat No. 1 of rig layout and Plat No. 2 of necessary cut to build location.

10. Plans for restoration of the surface.

On completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to original terrain. Upon abandonment all disturbed area, including the location and access road, will be recontoured, ripped or scarified as needed, and revegetated using the following seed formula.

Indian Ricegrass	1 lb/acre
Crested Wheatgrass	1 lb/acre
Sand Drop Seed	1 lb/acre
Globe Mallow	1 lb/acre
Wild Sunflower	1 lb/acre
Four Wing Saltbush	1 lb/acre
Shadscale	1 lb/acre
Winterfat	1 lb/acre

All seeding will be done between September 15 - November 15.

11. Other information.

- 1) Topography - valleys and mesas
- 2) Vegetation - grassland with greasewood and sagebrush. Land is used for grazing. There are no reservoirs on the lease. An archeological survey will be done by the Powers Elevation Company of Grand Junction, Colorado on this 40 acre tract.
- 3) Surface ownership of involved lands is federal.

12. Lessee's or operator's representative:

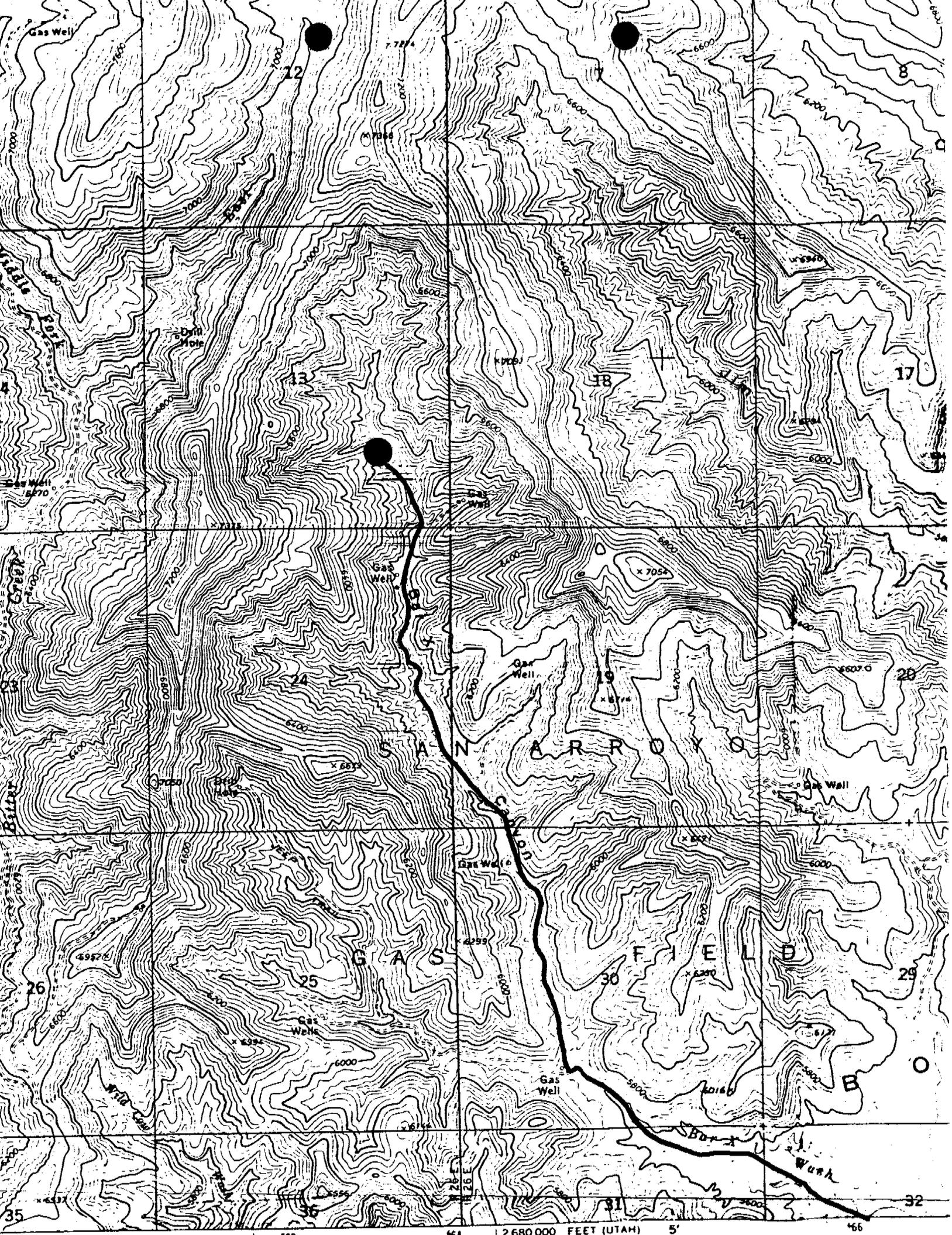
R. D. Ballantyne
P. O. Box 2564
Billings, Montana 59103

Office Phone (406) 248-3151
Home Phone (406) 656-1304

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein is being contracted for at this time. The contractor and sub-contractors will conform with this plan and the terms and conditions under which it is proposed.

Date: September 15, 1978

R. D. Ballantyne
R. D. Ballantyne



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1969. Field checked 1970
 Polyconic projection. 1927 North American datum
 100,000-foot grids based on Utah coordinate system, central zone
 and Colorado coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12, shown in blue
 Certain land lines are omitted because of insufficient data

Map #1
 Proposed Road 
 Existing Road 



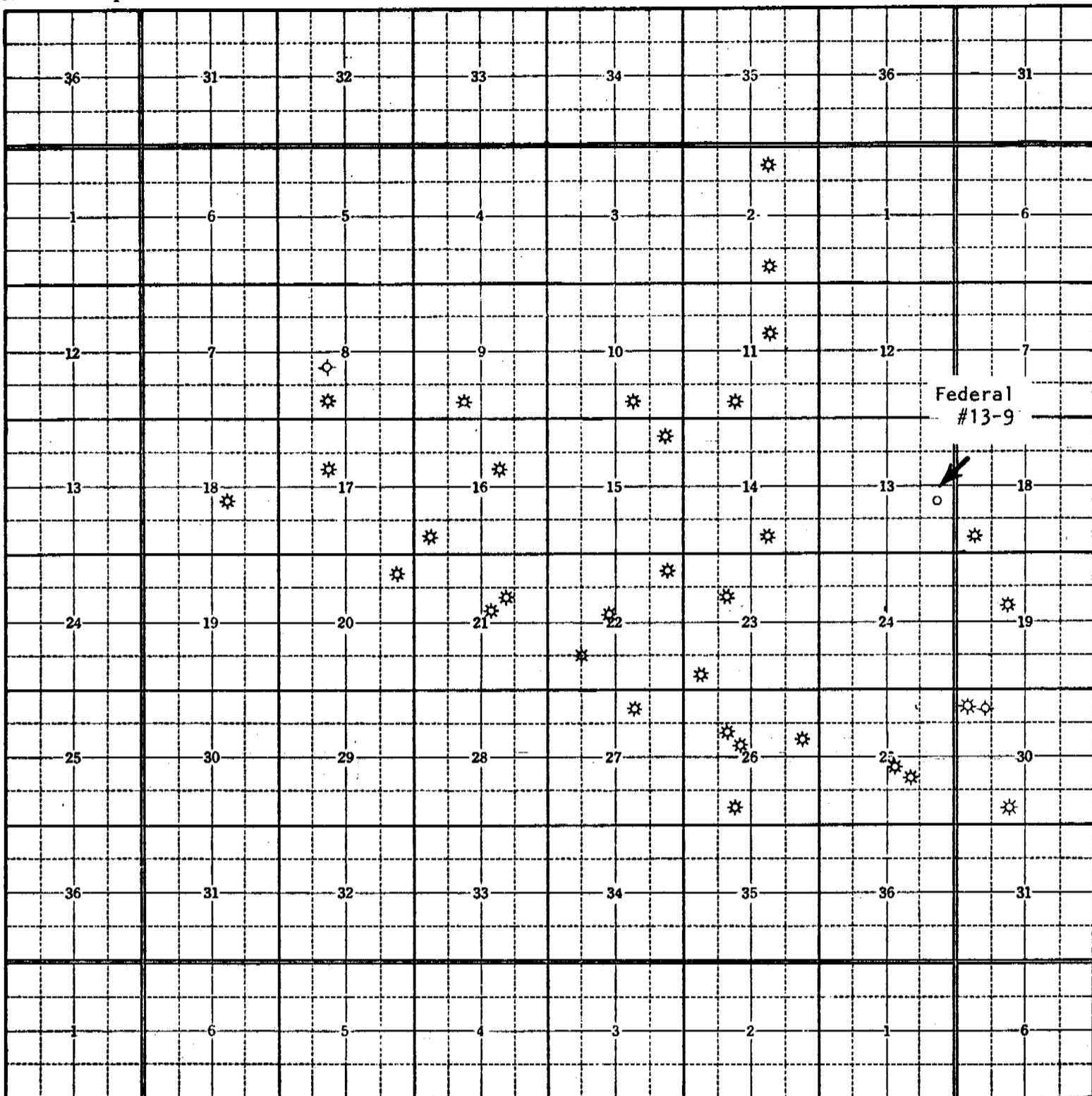
CONT'D
DATE

UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

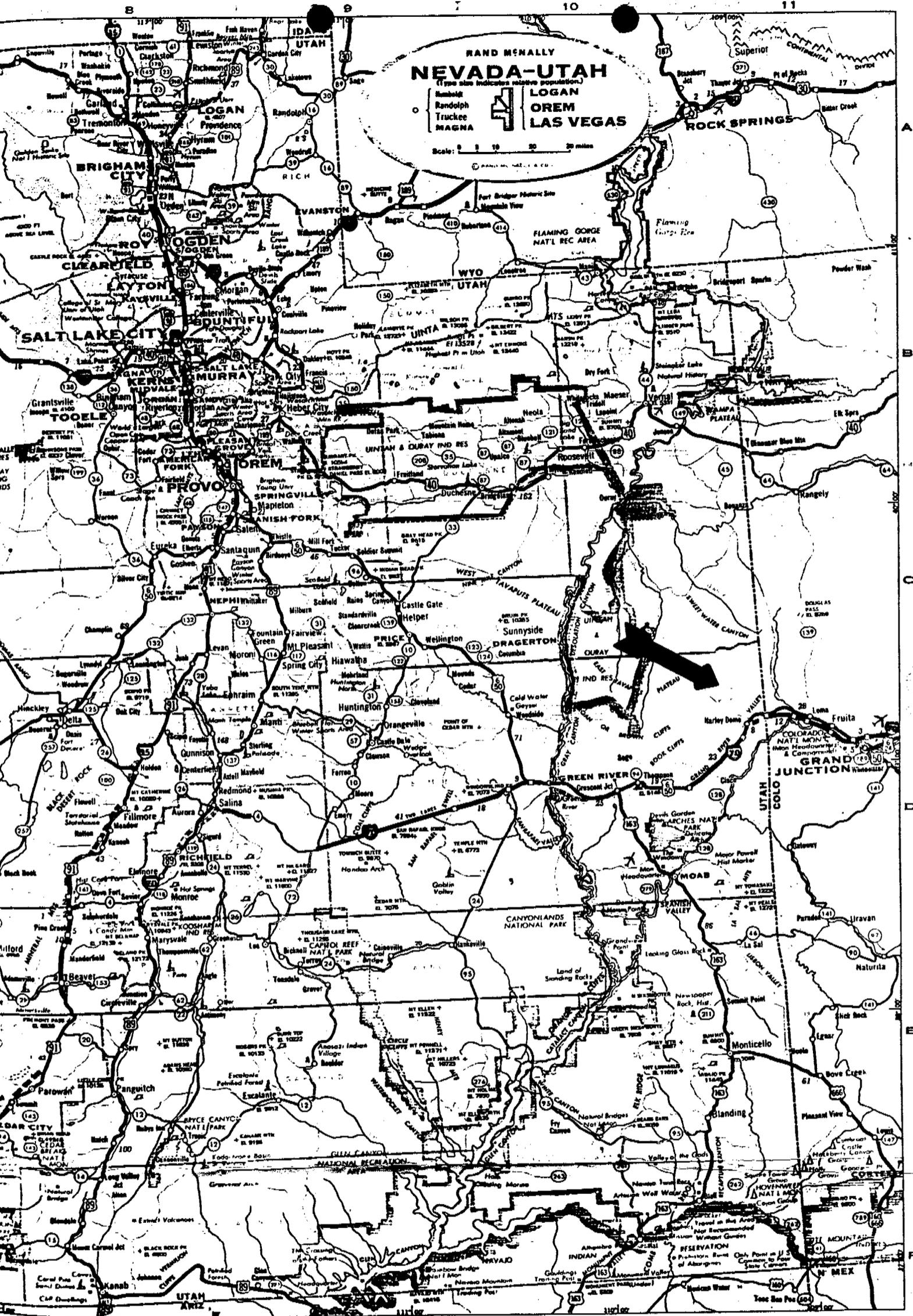
THIS MAP COMPLIES WITH
 FOR SALE BY U.S. GEOLOGICAL SURVEY
 A FOLDER DESCRIBING TOPOGRAPHY

Township 16 S, Range 25E, County Grand, State Utah

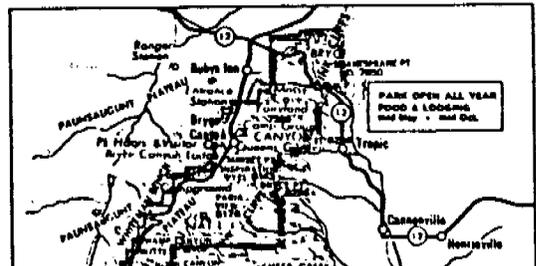
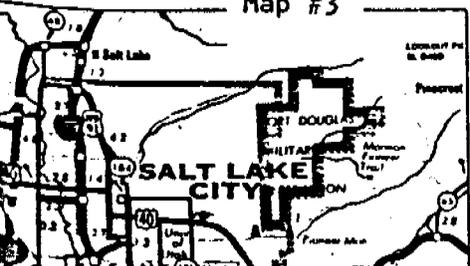
Island Township Plat



Map #2



Map #3



WELL CONTROL PLAN

1. Surface Casing: 9-5/8" O.D. 35#/ft., Grade K-55, Short T&C, set at 80' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 9-5/8" x 10-3/4" top 1500 psig W.P. Larkin (or equivalent) casinghead with two 2" 1500 psi L.P. outlets.
3. Intermediate Casing: 7" O.D. 20#/ft., Grade K-55, Short T&C, set at 1500', cemented with pump and plug method using 150 sacks or more. At least 12 hours WOC time will be required before drilling the plug.
4. Blowout Preventor: A 10" 3000 psig W.P. Double gate hydraulic Shaffer BOP (or equivalent) with drill; pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P.
5. Auxillary equipment: (a) Drill pipe floats will be allowed at contractor's discretion. (b) Visual monitoring of air returns will be maintained.
6. Anticipated bottom hole pressure is less than 1200 psi at 5600' or a gradient of .200 psi/ft. or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

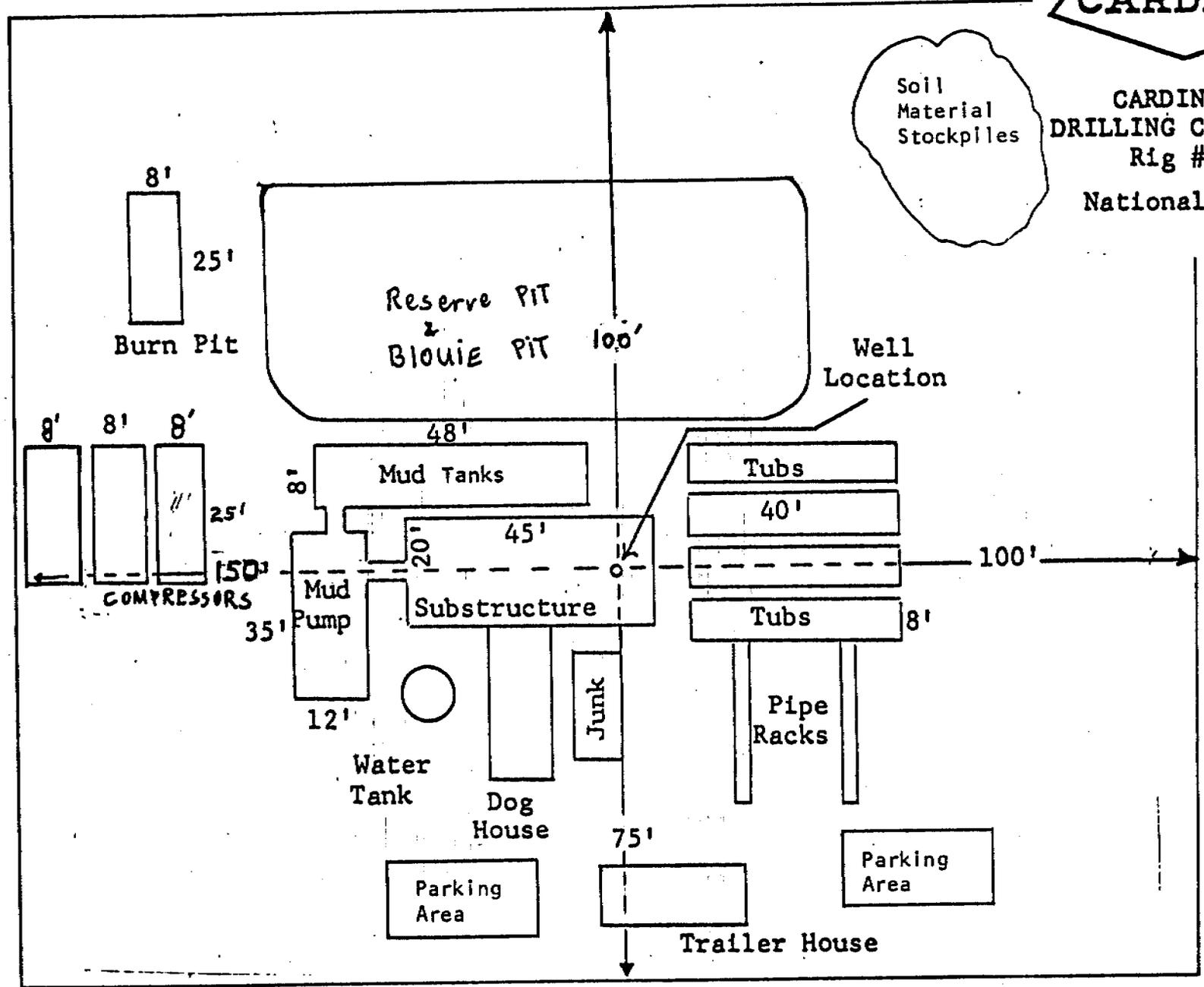
PALMER OIL & GAS COMPANY

Robert D. Ballantyne

Robert D. Ballantyne



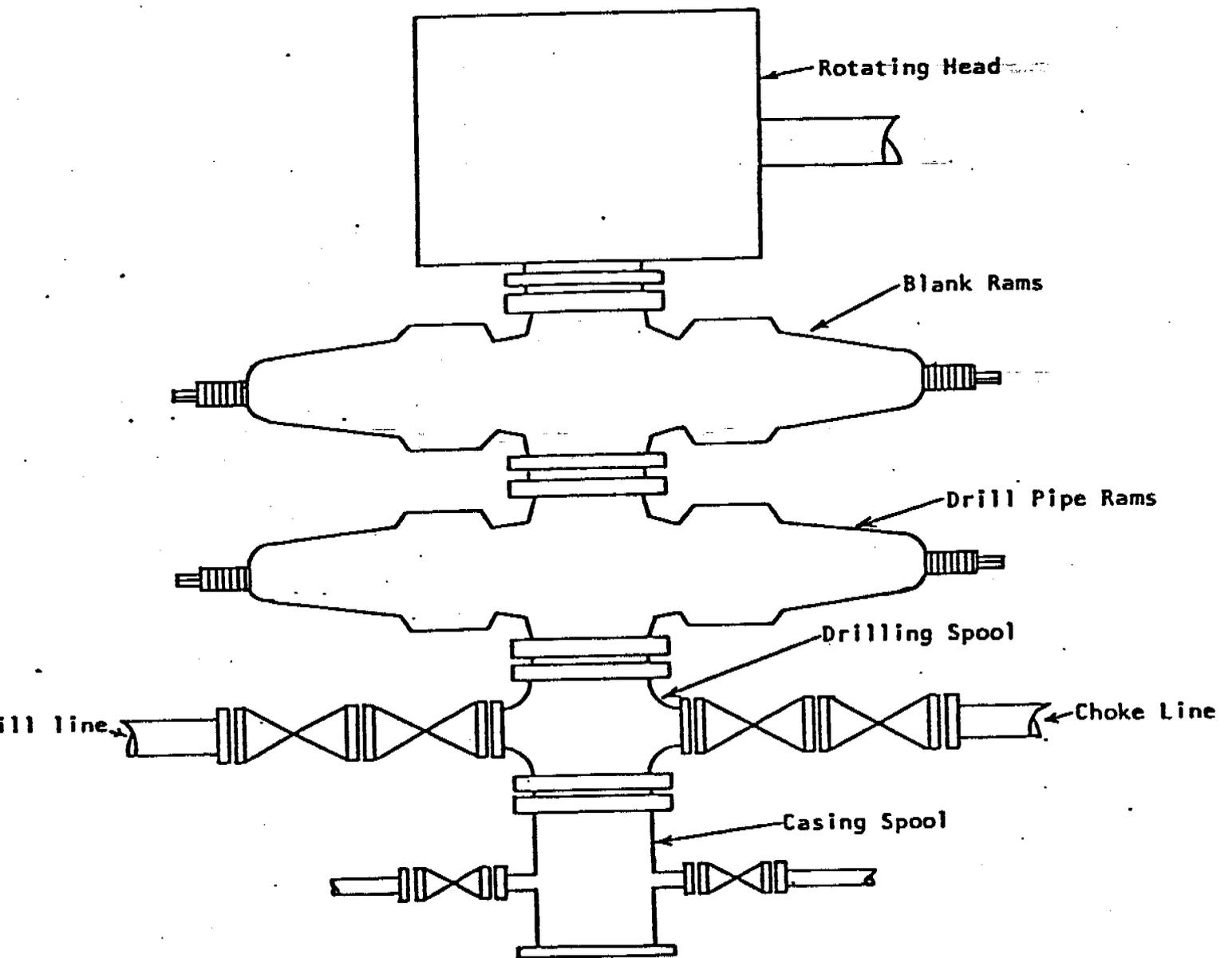
CARDINAL
DRILLING COMPANY
Rig #4
National T-32

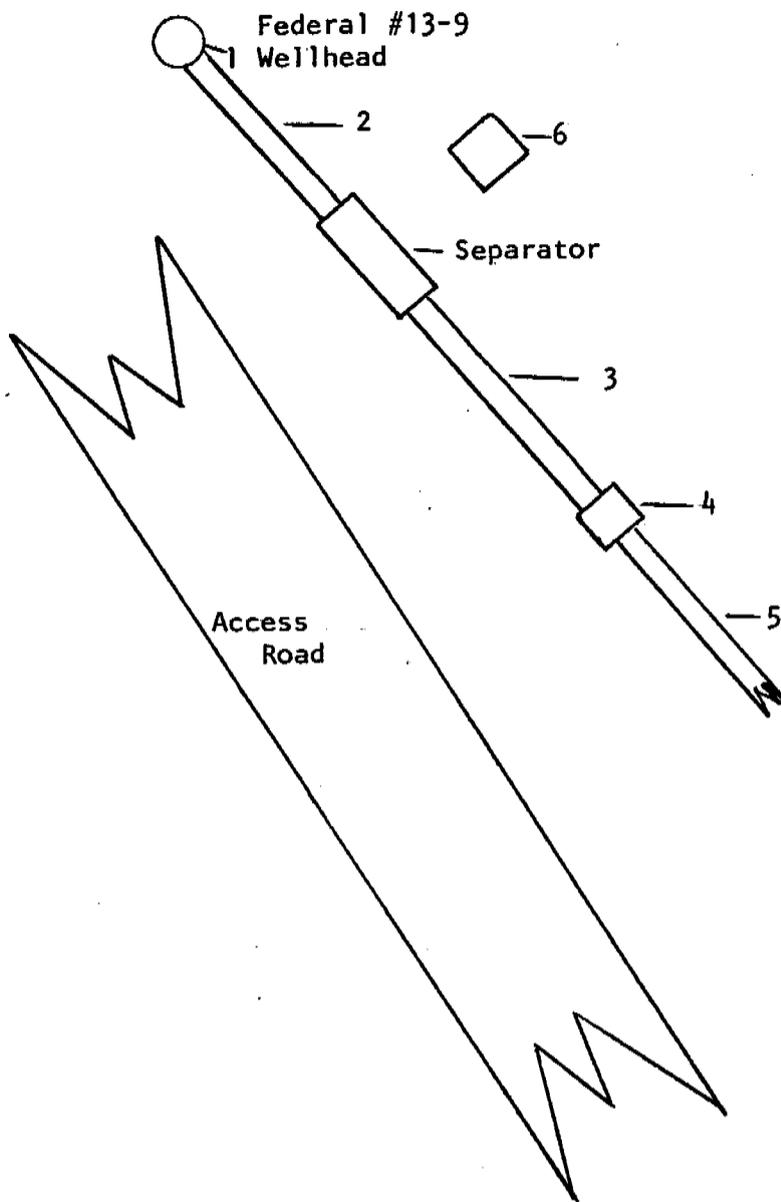


AIR DRILLED WELLS
using

900 series well head equipment

Interval from 500 to TD





1. Wellhead will be 4-1/2" x 2-3/8" flange x screw with donut hanger full opening valve. All 2000# WP or greater to meet PO&GC specifications.
2. Line between wellhead and separator will be approx. 75 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approx. 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried and will be approx. 25 feet in length.
4. Meter run will be American 4" fun, 500 psi static rating, 100" of water differential rating.
5. Line between meter fun and undetermined gathering line will be 3" seamless, welded pipe and will be approx. feet in length.
6. Pit, if necessary will be 10' x 10', enclosed by dikes and fenced.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

SLSM

** FILE NOTATIONS **

Date: Oct. 3-

Operator: Palmer Oil & Gas

Well No: Sec. 13-9

Location: Sec. 13 T. 16S R. 25E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-019 30468

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: No other well - Sec. 13

Petroleum Engineer: _____

Remarks: _____

Director: [Signature]

Remarks: _____

*Should be disapproved
There is a Gas well
in Sec 14, 16S 26E
537 F54 F353 FEL
Pots this well
within 1500'
of producing
well*

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 107-1 (EW)

Surface Casing Change to _____

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3

O.K. In _____ Unit

Other: _____

[Signature] Letter Written/Approved



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
October 3, 1978

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
Chairman

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

Palmer Oil and Gas Company
P.O. Box 2564
Billings, Montana

Re: Well No. Federal 13-9
Sec. 13, T. 16 S, R. 25 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 107-1.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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 43-019-30468.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey

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 a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
1253' FEL, 1358' FSL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*
(other) Status Report

SUBSEQUENT REPORT OF:

(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.)*

Spudded well at 12:00 Noon on 5/18/79. Ran 4 joints 9-5/8" casing to 164' KB and cemented with 150 sx regular, 3% CaCl. Plug down at 8:00 PM.

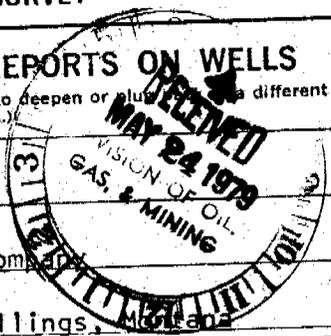
Ran 23 joints 7" to 1028' KB and cemented with 150 sx regular, 3% CaCl. Plug down at 3:30 PM on 5/20/79.

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

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

SIGNED Grace E. Brown TITLE Assistant Secretary DATE May 21, 1979
Grace E. Brown (This space for Federal or State office use)

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



5. LEASE
USA U-29641
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
13-9
10. FIELD OR WILDCAT NAME
San Arroyo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE 1/4 SE 1/4 13-16S-25E
12. COUNTY OR PARISH
Grand
13. STATE
Utah
14. API NO.
43-019-30468
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6223' GL, 6234' KB

Vertical text on the right side of the page, possibly a stamp or administrative notes, including the word "RECEIVED" and some illegible text.

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 a well in a different reservoir. Use Form 9-331-C for such proposals.)



1. oil well gas well other

2. NAME OF OPERATOR
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
1253' FEL, 1358' FSL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
USA U-29641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-9

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
NE 1/4 13-155-25

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30468

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6223' GL, 5234' KB

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) <u>Status Report</u>	

(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.)*

Total Depth 5237'.
Ran 125 joints 4 1/2", 10.5# casing to 5033' KB and cemented with 225 sx RFC. Plug down at 7:00 PM on 5/26/79.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct
SIGNED Grace E. Brown TITLE Ass't Secretary DATE May 30 1979
(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-R355.6.

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

2. NAME OF OPERATOR
Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1253' FEL, 1358' FSL
At top prod. interval reported below same
At total depth same



5. LEASE DESIGNATION AND SERIAL NO.
USA U-29641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-9

10. FIELD AND POOL, OR WILDCAT OR AREA
San Arroyo

11. SEC., T., R., M. OR BLOCK AND SURVEY
NE 1/4 SE 1/4 13-16S-25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. PERMIT NO. 43-019-30468 DATE ISSUED 10/3/78

15. DATE SPUDDED 5/18/79 16. DATE T.D. REACHED 5/25/79 17. DATE COMPL. (Ready to prod.) 6/19/79 18. ELEVATIONS (DF, REE, RT, GR, ETC.)* 6223' GL, 6234' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5237' 21. PLUG, BACK T.D., MD & TVD 5012' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4791-4942 - Dakota 25. WAS DIRECTIONAL SURVEY MADE? no

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger IES, FDC-CNL-GR 27. WAS WELL CORED? no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	164' KB	11"	150 sx	
7"	20#	1028' KB	8-3/4"	150 sx	
4-1/2"	10.5#	5033' KB	6-1/4"	225 sx	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4888'	none

31. PERFORATION RECORD (Interval, size and number)
4791, 4796, 4799, 4803, 4861, 4870, 4883, 4886, 4888, 4925, 4942 - 11 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4791-4942	500 gal. 7 1/2% MSR; foam fraced w/85,000 gal. 75% quality foam; 20,000# 100 mesh sand; 80,000# 20/40 sand. 2,150,000 scf nitrogen

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/19/79	1 hr	1/2"	→		11		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
35 psi	125 psi	→		260		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold TEST WITNESSED BY Robert D. Ballantyne

35. LIST OF ATTACHMENTS

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

SIGNED James G. Routson TITLE Petroleum Engineer DATE 6/19/79

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPER, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		GEOLOGIC MARKERS					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Dakota Silt	4650'		
				Dakota Sand	4714'		
				Morrison	4895'		

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
720 S. Colorado Blvd., Denver, CO 80222

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1253'FEL & 1358'FSL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-29641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
13-9

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13; T16S; R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6223'GL

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) Change of Operator			<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.)*

The above mentioned well was purchased by Tenneco Oil Company effective date September 25, 1979, from Palmer Oil and Gas Company, P.O. Box 2564, Billings, Montana 59103.

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

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

SIGNED [Signature] TITLE Admin. Supervisor DATE 11/17/79

(This space for Federal or State office use)

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

Tenneco Oil
A Tenneco Company

Penthouse
720 South Colorado Blvd.
Denver, Colorado 80222
(303) 758-7130



Kathy 7

October 23, 1979



Mr. Cleon B. Feight
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84111

RE: Tenneco Well formerly operated
by Palmer Oil and Gas Company
Grand County, Utah

Gentlemen:

The following wells formerly operated by Palmer Oil and Gas Company will now be operated by Tenneco Oil Company. Please note that record title to several of these wells will be held by Energy Increments, Inc., and Pate Oil Company, however, Tenneco Oil Company will continue to operate the wells.

Grand County, Utah

Township 16 South, Range 24 East

Sec. 33: 33-14/ ~~Section 29: Federal 29-15~~
Sec. 35: 35-10/ Section 28: Federal 28-15

Township 16 South, Range 25 East

Section 13: Federal 13-9-SIGW
Section 17: Federal 17-9-SIGW
Section 14: Federal 14-2

Township 16 South, Range 26 East

Section 32: State 32-1-SIGW
State 32-11-SIGW
Section 33: Federal 33-13-SIGW
Section 16: State 16-4

Township 17 South, Range 24 East

-SIGW-Section 3: Federal 3-8/Section 5: Federal 5-13
SIGW-Federal 3-15/Section 14: Federal 14-4

Section 4: Federal 4-12

Township 17 South, Range 25 East

Section 6: Federal 6-7
Federal 6-14-SIGW
Section 7: Federal 7-4-SIGW
Section 29: Federal 29-1

Township 17 South, Range 26 East

Section 5: Federal 5-4-SIGW
Federal 5-9-SIGW
Section 8: Federal 8-5-SIGW

***SIGW=SHUT IN GAS WELL
REMAINING ARE DRILLING WELLS

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92097013	FEDERAL #5-4 <i>MS. 26E. 5</i>	06	02	<u>16</u>	10/85	<u>0800</u>
92098010	FEDERAL #35-13 <i>16S 26E 33 ✓</i>	03	02	<u>16</u>	10/85	<u>0930</u>
92105016	STATE #32-11 <i>14S. 26E. 32</i>	05	02	<u>16</u>	10/85	<u>1100</u>
93304012	FEDERAL #12-16	06	02	<u>8</u>	10/85	<u>0930</u>
93307011	FEDERAL #6-13	06	02	<u>8</u>	10/85	<u>1100</u>
93308018	FEDERAL #6-3	05	02	<u>8</u>	10/85	<u>1230</u>
93309014	FEDERAL #30-3	06	02	<u>2</u>	10/85	<u>1000</u>
93440013	LEWIS USA #25-15	06	02	<u>14</u>	10/85	<u>0930</u>
93441010	LEWIS USA #36-1	06	02	<u>14</u>	10/85	<u>0800</u>
93505013	FEDERAL #15-7	06	02	<u>8</u>	10/85	<u>0800</u>
93620011	FULLER USA #18-16	06	02	<u>2</u>	10/85	<u>1100</u>
92179010	FEDERAL #13-9 <i>16S. 25E. 13</i>	06	02	<u>5</u>	12/85	<u>0800</u>
93305015	FEDERAL #1-15	06	02	<u>9</u>	12/85	<u>1300</u>
93323017	FEDERAL #5-3	06	02	<u>5</u>	12/85	<u>0800</u>
93324013	FEDERAL #8-3	06	02	<u>9</u>	12/85	<u>1100</u>
93325010	FEDERAL #18-2	06	02	<u>9</u>	12/85	<u>0800</u>
93335015	FEDERAL #7-1	06	02	<u>9</u>	12/85	<u>0930</u>
93611012	HUGHES USA #24-1 <i>16S 24E 24</i>	06	02	<u>3</u>	12/85	<u>0800</u>

Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

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

Delivery Address:
8162 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

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

SLIP IN TRIPLE VTE.
(Mount in this binder and
return to 491)

031714

PGW

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		4. LEASE DESIGNATION AND SERIAL NO. USA U-29641
2. NAME OF OPERATOR Omimex Petroleum, Inc.		5. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Stanford Place 1, Suite 1060 8055 E. Tufts Ave. Pkwy., Denver, CO 80237		7. UNIT AGREEMENT NAME
6. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1253' FEL, 1358' FSL		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-019030468	15. ELEVATIONS (Show whether SP, DT, OR, etc.) 6223' GL, 6234' KB	9. WELL NO. 13-9
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT San Arroyo
		11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA NE $\frac{1}{4}$ SE $\frac{1}{4}$ 13-16S25E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

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) <input type="checkbox"/>	
(Other) Change of Operator <input checked="" type="checkbox"/>			

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

17. DESCRIBE PROMISED 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.)

Change of Operator from Quinoco Petroleum, Inc. P.O. Box 378111, Denver, CO 80237 to Omimex Petroleum, Inc. effective as of March 1, 1987

RECEIVED
MAR 12 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED Mary Earle TITLE Production Analyst DATE 3-1-87
(This space for Federal or State office use)

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

LONE MOUNTAIN PRODUCTION COMPANY

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

June 24, 1992

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

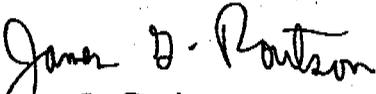
Re: Change of Operator
Sundry Notices
Grand County, Utah

Gentlemen:

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

Very truly yours,

Lone Mountain Production Company


James G. Routson
President

Enclosures

xc: Joe Dyk
Omimex

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JUN 26 1992

DIVISION OF
OIL GAS & MINING

LONE MOUNTAIN PRODUCTION COMPANY
FEDERAL NO. 5-4
NW NW SEC. 5, T17S, R26E
GRAND COUNTY, UTAH
EL. 5348 GL
LEASE # U-30301
C.A. # NRM-1689

LONE MOUNTAIN PRODUCTION COMPANY
FEDERAL NO. 33-13
SW SW SEC. 33, T16S, R26E
GRAND COUNTY, UTAH
EL. 5409 GL
LEASE # U-37856

LONE MOUNTAIN PRODUCTION COMPANY
CARLSON FEDERAL NO. 13-4
NW NW SEC. 13, T16S, R25E
GRAND COUNTY, UTAH
EL. 6495 GL
LEASE # U-25189

LONE MOUNTAIN PRODUCTION COMPANY
FEDERAL NO. 13-9
NE SE SEC. 13, T16S, R25E
GRAND COUNTY, UTAH
EL. 6223 GL
LEASE # U-29641

LONE MOUNTAIN PRODUCTION COMPANY
FEDERAL NO. 14-2
NW NE SEC. 14, T16S, R25E
GRAND COUNTY, UTAH
EL. 6495 GL
LEASE # U-29641
C.A. # CR-92

LONE MOUNTAIN PRODUCTION COMPANY
FEDERAL NO. 17-9
NE SE SEC. 17, T16S, R25E
GRAND COUNTY, UTAH
EL. 7367 GL
LEASE # U-29642

LONE MOUNTAIN PRODUCTION COMPANY
STATE NO. 32-1
NE NE SEC. 32, T16S, R26E
GRAND COUNTY, UTAH
EL. 5517 GL
LEASE # ML-27564

LONE MOUNTAIN PRODUCTION COMPANY
STATE NO. 32-11
NE SW SEC. 32, T16S, R26E
GRAND COUNTY, UTAH
EL. 5440 GL
LEASE # ML-27564

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.

U-29641

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Lone Mountain Production Company

3. ADDRESS OF OPERATOR
404 Petroleum Building, P. O. Box 3394, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1358' FSL, 1253' FEL, Sec. 13

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
No. 13-9

10. FIELD AND POOL, OR WILDCAT
San Arroyo

11. SEC. T., S., M., OR BLK. AND SURVEY OR AREA
NE SE SEC. 13, T16S, R25E

14. PERMIT NO.
43-019-30468

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6223 GL

12. COUNTY OR PARISH
Grand

13. STATE
Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
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.)*

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

RECEIVED

JUN 26 1992

DIVISION OF
OIL GAS & MINING

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

SIGNED James G. Routson TITLE President DATE June 24, 1992

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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AUG 10 1992

DIVISION OF
OIL GAS & MINING

Omniex Refr. Inc.

UTU37856	Lone Mountain Production Company eff. 7-30-92 → 33-18	PGW	16S	26E	33	SWSW	430193041600S1
UTU37468	33-2	TA	16S	24E	33	NWNE	430193070300S1
	33-15	PGW	16S	24E	33	SWSE	430193052000S1
UTU29642	Lone Mountain Production Company eff. 7-30-92 → 17-9	PGW	16S	25E	17	NESE	430193047200S1
UTU29641	Lone Mountain Production Company eff. 7-30-92 → 13-9	PGW	16S	25E	13	NESE	430193046800S1
UTU25189	Lone Mountain Production Company eff. 7-30-92 → 13-4	PGW	16S	25E	13	NWNW	430193061700S1
UTU10152A	28-15	TA	16S	24E	28	SESW	430193054500S1
UTU10152	35-3	PGW	16S	24E	35	NENW	430193077100S1
NRM1689	5-4	PGW	17S	26E	5	NWNW	430193049700S1
NO49P84701C	35-10	PGW	16S	24E	35	NWSE	430193053800S1
CR94	14-2	GSI	16S	25E	14	NWNE	430193054100S1
JR222	4-12	PGW	17S	24E	4	NWSE	430193052200S1
B91020386A	11-11	POW	38S	25E	11	NWNW	430373090300S1
	3-14	POW	38S	25E	3	NENW	430373081700S1
	11-22	POW	38S	25E	11	SEW	430373081400S1
B910203860	3-12	POW	38S	25E	3	SEW	430373090100S1
	1-3	POW	38S	25E	3	NENW	430373074100S1
	3-11	POW	38S	25E	3	NWNW	430373090200S2

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	7- LCR
2- DPS	()
3- VLC	
4- RJF	✓
5- RWM	✓
6- ADA	✓

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-92)

TO (new operator)	<u>LONE MOUNTAIN PROD CO</u>	FROM (former operator)	<u>OMIMEX PETROLEUM INC</u>
(address)	<u>PO BOX 3394</u>	(address)	<u>8055 E TUFTS AVE STE 1060</u>
	<u>BILLINGS, MT 59103</u>		<u>DENVER, CO 80237</u>
	<u>JAMES ROUNTSON, PRES</u>		
phone	<u>(406) 245-5077</u>	phone	<u>(303) 771-1661</u>
account no.	<u>N 7210</u>	account no.	<u>N 0735</u>

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

Name: <u>FEDERAL 33-13/DK-MR</u>	API: <u>43-019-30416</u>	Entity: <u>6615</u>	Sec <u>33</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>U-37856</u>
Name: <u>STATE 32-1/DK-MR</u>	API: <u>43-019-30451</u>	Entity: <u>6625</u>	Sec <u>32</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>ML-27564</u>
Name: <u>FEDERAL 13-9/DKTA</u>	API: <u>43-019-30468</u>	Entity: <u>6630</u>	Sec <u>13</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-29641</u>
Name: <u>FEDERAL 17-9/DKTA</u>	API: <u>43-019-30472</u>	Entity: <u>6635</u>	Sec <u>17</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-29642</u>
Name: <u>FEDERAL 5-4/DK-MR</u>	API: <u>43-019-30497</u>	Entity: <u>6640</u>	Sec <u>5</u> Twp <u>17S</u> Rng <u>26E</u>	Lease Type: <u>U-30301</u>
Name: <u>STATE 32-11/DK-MR</u>	API: <u>43-019-30500</u>	Entity: <u>6645</u>	Sec <u>32</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>ML-27564</u>
Name: <u>FEDERAL 14-2/DKTA</u>	API: <u>43-019-30541</u>	Entity: <u>6655</u>	Sec <u>14</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-29641</u>
<u>CARLSON USA 13-4/DK-MR</u>	<u>43-019-30617</u>	<u>6660</u>	<u>13 16S 25E</u>	<u>U-25189</u>

OPERATOR CHANGE DOCUMENTATION

- X 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Btm Approved 7-30-92)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-26-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- See 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-24-92)*
- See 6. Cardex file has been updated for each well listed above. *(8-24-92)*
- See 7. Well file labels have been updated for each well listed above. *(8-24-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-24-92)*
- See 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) ____ (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____.
See

EASE 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.
8-27-92 to Ed Bonner

FILMING

- 1. All attachments to this form have been microfilmed. Date Sept 9, 1992 19____.

FILED

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

COMMENTS

920728 Omimex reporting June & July Production.
 920824 14-2 / 43-019-30541 CA CR-94 Not approved as of yet. (separate change)