

FILE NOTATIONS

Entered in NID File

Entered on S-R Sheet

Location Map Pinned

Card Indexed

IWR to State or Fee land

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____

GW _____ WW _____ TA _____

GW _____ OS _____ PA _____

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ S-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

** FILE NOTATIONS **

DATE: Aug 14, 1980
OPERATOR: Cougar Exploration
WELL NO: 11# 9-14
Location: Sec. 14 T. 5S R. 5W County: Suckerman

File Prepared:
Card Indexed:

Entered on N.I.D.:
Completion Sheet:

API Number 43-013-30541

CHECKED BY:

Petroleum Engineer: _____

Director: OK Topographic Exception provided cougar Exploration owns or controls site & gas rights within 660' of location

Administrative Aide: _____

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation Ind.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

PROJECT

COUGAR EXPLORATION

Well location, *UTE # 1-14*,
located as shown in the NE 1/4
SE 1/4 Section 14, T5S, R5W, U.S.B. & M.
Duchesne County, Utah.

T 5 S , R 5 W , U.S.B. & M.

NE Cor. Sec. 12, T5S, R5W, U.S.M.

NE Cor. Sec. 13, T5S, R5W, U.S.M.

N 89° 52' W

79. 76

N 0° 02' W

14

UTE # 1 - 14

*Elev. Ungraded Ground -
6406'*

2371'

1023'

N 0° 00' W

N 65° 04' 37" E
6936.93'

N 89° 57' W

79. 88

X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

| | | | |
|---------|----------------|------------|----------------|
| SCALE | 1" = 1000' | DATE | 5 / 1 / 80 |
| PARTY | S.S. S.H. S.B. | REFERENCES | 6LO Plat |
| WEATHER | Fair | FILE | COUGAR EXPLOR. |

COUGAR EXPLORATION

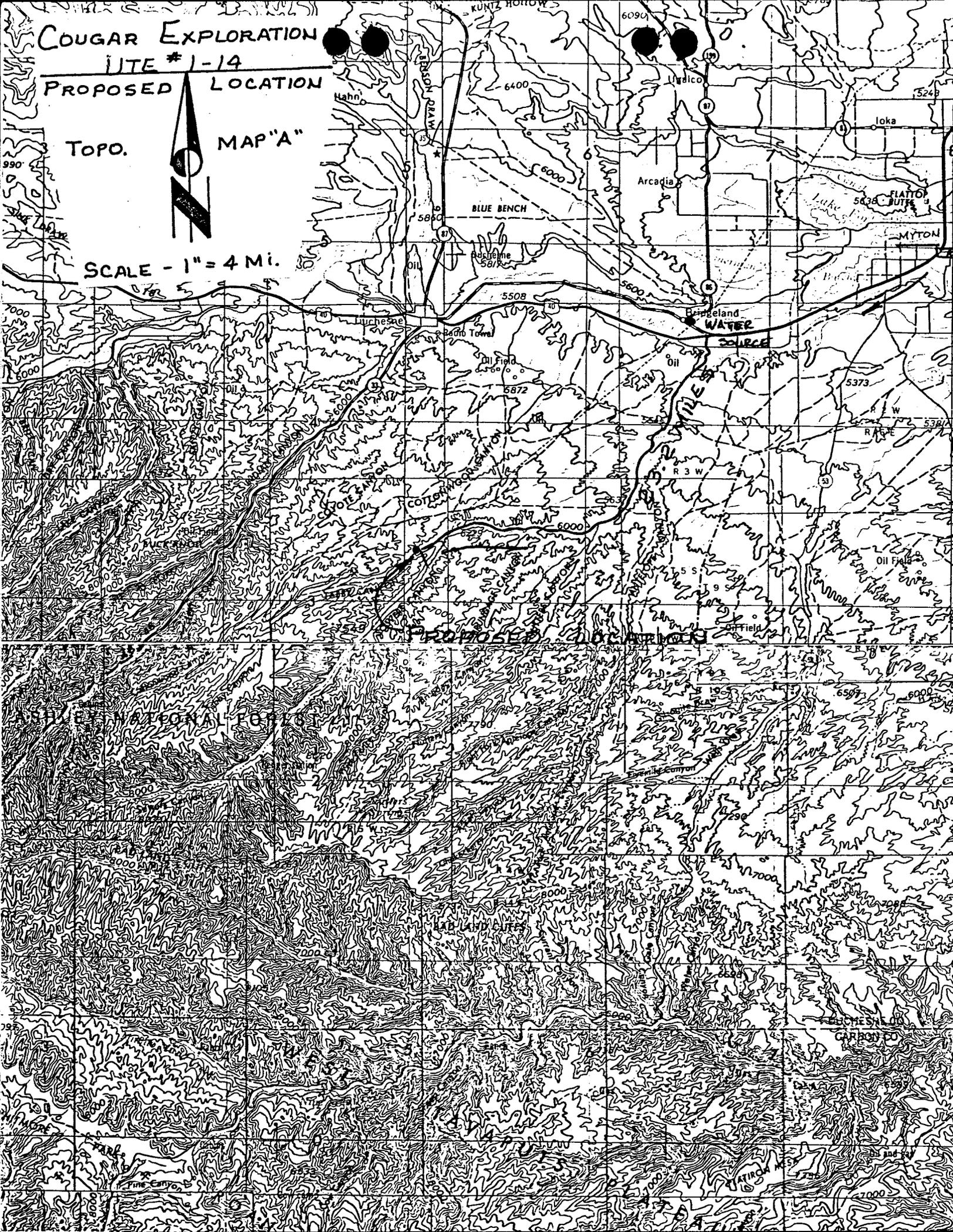
WITE # 1-14

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE - 1" = 4 Mi.



COUGAR EXPLORATION
13 Point Surface Use Plan
for
Well Location
Ute #1-14
Located in
Section 14, T5S, R5W, U.S.B. & M.
Duchesne County, Utah

1. EXISTING ROADS

See Topographic Maps "A" & "B".

To reach Cougar Exploration well location, Ute #1-14, located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 14, T5S, R5W, U.S.B. & M. from Myton, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 \pm 9.2 miles to its junction with an improved county road to the Southwest; proceed Southwesterly along this road \pm 13 miles to its junction with an existing county road up Tabby Canyon; proceed Southwesterly along this road \pm 1 mile to the proposed location site.

U.S. Highway 40 is a bituminous surfaced road from Myton to the beginning of the county road. This highway is maintained by state road crews. The county roads described above are dirt roads that were constructed out of the materials accumulated during their construction. The first 13 miles of county road is maintained by Duchesne County Forces. The last 1 mile of county road receives very little maintenance from county crews and will require some minor maintenance by Cougar Exploration or their subcontractors. This maintenance will consist of some grader work for smoothing of the road bed and for snow removal.

There is no anticipated construction on any of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling, completion, and production phases of this well.

See Topographic Map "B" for the surface ownership in the immediate area of the location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road. The existing road described in item #1 goes to the location site.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known water wells, producing wells, abandoned wells, temporarily abandoned wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one-mile radius of this location site.

COUGAR EXPLORATION
Ute #1-14
Section 14, T5S, R5W, U.S.B. & M.

4. LOCATION OF EXISTING & PROPOSED FACILITIES

At the present time there are no Cougar Exploration production facilities, tank batteries, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one-mile radius of this location site.

In the event that production is established at this location site, all production will be contained within the area of the proposed location site. It is not known at this time what future production facilities will be required at this well site. In the event production is established plans will be submitted to the proper authorities in detail stating the proposed containment and transportation of the produced fluids. Any areas required for any future production facilities will be constructed using bull dozers, graders, and workman crews to construct and place the facilities.

If there are any deviations from the above paragraphs, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION OF AND TYPE OF WATER SUPPLY

See Topographic Map "A".

Water to be used in the drilling of this well will be hauled by truck over the existing road described in item #1 from the Duchesne River near Bridgeland, Utah, approximately 15 miles by road Northeast of the proposed location site.

If this water source is not used, then the necessary arrangements will be made to acquire the water from other sources and will be hauled by truck over portions of the roads that are described in Item #1 and #2.

The local governmental agencies and any other parties involved will be notified of any deviations and all governing guidelines and regulations will be strictly adhered to.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sourced are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

COUGAR EXPLORATION

Ute #1-14

Section 14, T5S, R5W, U.S.B. & M.

6. SOURCE OF CONSTRUCTION MATERIALS cont...

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soil and sandstone and shale material gathered during the actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 10' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

All garbage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

COUGAR EXPLORATION
Ute #1-14
Section 14, T5S, R5W U.S.B. & M.

9. WELL SITE LAYOUT

See attached Location Layout Sheet

All involved agencies shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representative of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, it shall be stripped and stockpiled, (See Location Layout Sheet). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around the pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket will be hauled to the nearest sanitary land fill.

As mentioned in Item #7, the reserve pit will be completely fenced and wired with overhead wire and flagging installed. If there is oil in the pits, it will be allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the surface owner when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

COUGAR EXPLORATION
Ute #1-14
Section 14, T5S, R5W U.S.B. & M.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "B").

The area is at the Southwest end of the Uintah Basin which is formed by the Book Cliff Mountains and the Green River to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges formed in sandstone, cobblerock, conglomerate, and shale deposits.

The majority of the smaller drainages are of a non-perennial nature with normal flow limited to the early spring run-off and heavy thunderstorms or rain storms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation, (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales and outcrops of rock (sandstone, mudstone, conglomerate, and shale).

Due to the low precipitation average, climatic conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of juniper, pinion pine, sagebrush, rabbitbrush, some grasses, and cacti, on the upper benches with cottonwoods, beach, willows, Russian Olives, and grasses along the lower levels close to the wet areas and streams.

The fauna of the area consists predominately of the mule deer, coyotes, rabbits, varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

Ute #1-14 sits near the bottom of what is known as Tabby Canyon just out of a non-perennial drainage to the Southeast. This drainage drains to the Northeast into Sowers Canyon which drains to the Northeast into the Duchesne River (Perennial) which drains to the Southeast into the Green River.

COUGAR EXPLORATION
Ute #1-14
Section 14, T5S, R5W U.S.B. & M.

11. The Topography of the Immediate Area (See Topographic Map "B". cont...

The ground slopes through this location to the Southeast at approximately a 4% grade into the aforementioned non-perennial drainage.

The immediate area around this location is vegetated by sagebrush and grasses.

All lands that will be damaged by this location site are on privately owned (Fee) Lands. The minerals are owned by the Ute Indian Tribe.

There are no occupied dwellings or other facilities of this nature in the general area. There are no historical, or cultural sites within any reasonable proximity of the proposed location site.

It will be determined by a certified archaeologist whether there are any archaeological findings in the immediate area of this location site.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Rance Denton
COUGAR EXPLORATION
Box 2304
Casper, WY 82601

Tele: 1-307-235-0712

13. 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 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 operation proposed herein will be performed by COUGAR EXPLORATION and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

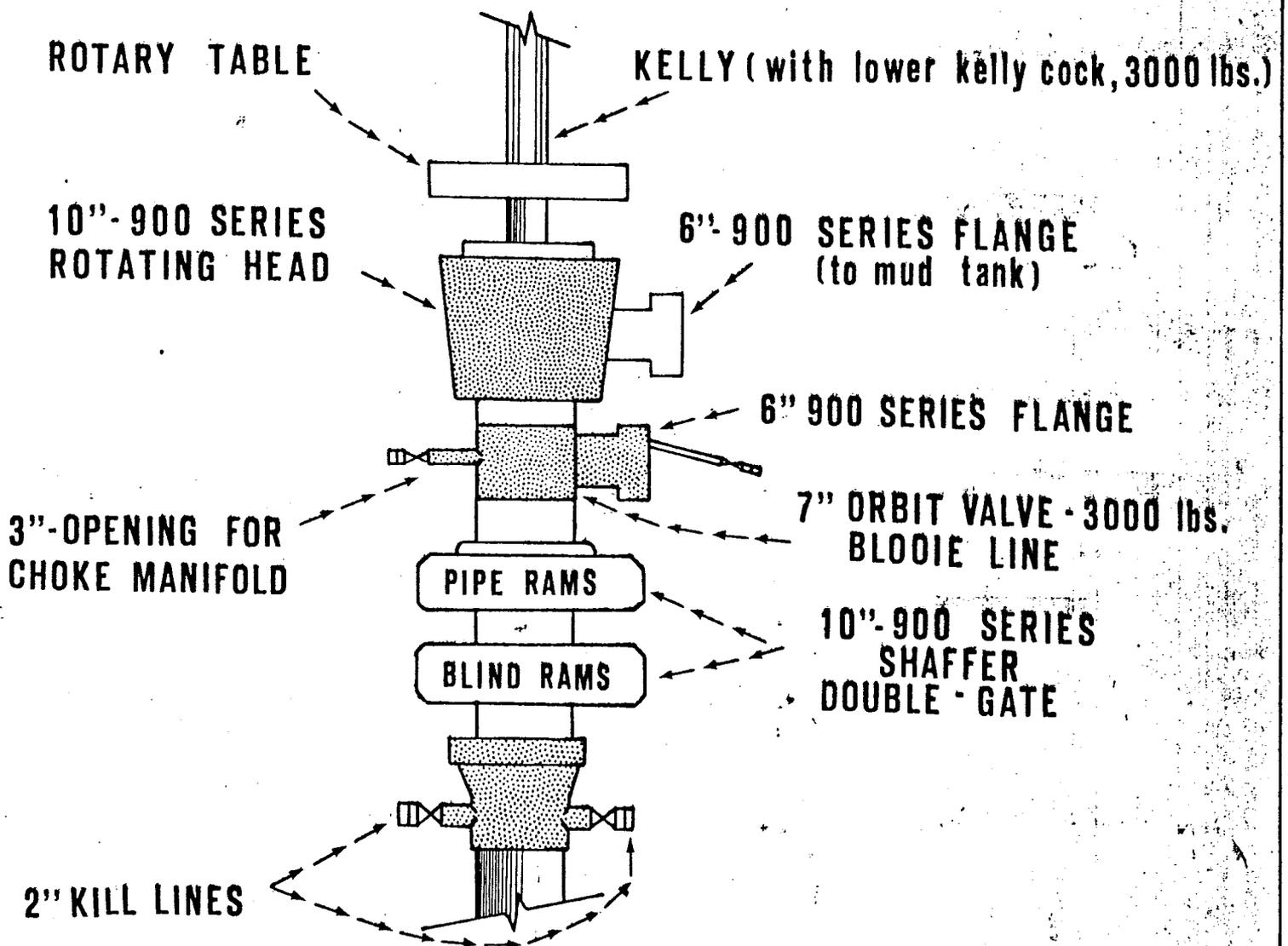
Aug 8, 1980



Rance Denton

DENTON BROTHERS DRILLING CO.

BOP STACK



RIG NO. 1

NOT TO SCALE

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Cougar Exploration
Project Type Wildcat Gas Well
Project Location 1023' FEL & 2371' FSL, Section 14, T.5S, R.5W
Well No. 1-14 Lease No. 14-20-H62-3423
Date Project Submitted August 13, 1980

FIELD INSPECTION Date September 19, 1980

Field Inspection
Participants

| | |
|----------------------|---------------------------|
| <u>Craig Hansen</u> | <u>USGS, Vernal, Utah</u> |
| <u>Dale Hanburg</u> | <u>BIA, Ft. Duchesne</u> |
| <u>Dallas Galley</u> | <u>Cougar Exploration</u> |
| <u>Jack Stews</u> | <u>Dirt Contractor</u> |
| | |
| | |

Typing In & Out: September 30, 1980, October 27, 1980

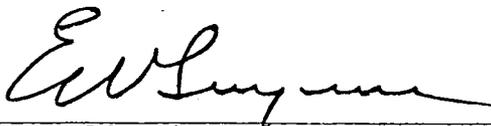
I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

September 20, 1980
Date Prepared

/s/ Craig M. Hansen
Environmental Scientist

I concur

10/28/80
Date


District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

| Criteria 516 DM 2.3.A | Federal/State Agency | | | Local and private corre- spondence (date) | Previous NEPA | Other studies and reports | Staff expertise | Onsite inspection (date) | Other |
|---|-------------------------------|--------------------------|-------------------|---|------------------|------------------------------------|--------------------|--------------------------------|-------|
| | Corre- spondence (date) | Phone check (date) | Meeting (date) | | | | | | |
| Public health and safety | / | | | | | | | 9-19-80 | |
| Unique charac- teristics | | | | | | | 6 | " | |
| Environmentally controversial | | | | | | | 6 | " | |
| Uncertain and unknown risks | | | | | | | 6 | " | |
| Establishes precedents | | | | | | | 6 | " | |
| Cumulatively significant | | | | | | | 6 | " | |
| National Register historic places | | | | | | | 6 | " | |
| Endangered/ threatened species | / | | | | | | | " | |
| Violate Federal, State, local, tribal law | / | | | | | | 6 | " | |



Cougar Excavation
1-14
Looking South.

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

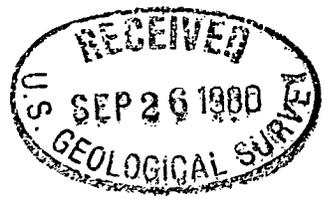


United States Department of the Interior
 BUREAU OF INDIAN AFFAIRS
 UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 84026
 722-2406 Ext. 202

IN REPLY REFER TO:
 Land Operations, SMC

September 23, 1980



Mr. Craig Hansen
 U.S. Geological Survey
 Oil and Gas Division
 P. O. Box 1037
 Vernal, Utah 84078

Dear Mr. Hansen:

Enclosed are Negative Declarations and Environmental Analysis for the following wells:

| <u>Company</u> | <u>Well #</u> | <u>Description</u> |
|---------------------|---------------------|-----------------------------------|
| Cougar Exploration | 1-14 | NESE, Sec. 14, T5S., R5W., USB&M. |
| Page Petroleum Inc. | 2-23C6 Cedar Rim | NESW, Sec. 23, T3S., R6W., USB&M. |
| Koch Exploration | 9-A | SESE, Sec. 18, T3S., R6W., USB&M. |

The general stipulation on file with your office submitted in a letter to Mr. Ed Gynn dated February 13, 1980 are to become requirements for the operator.

The Operators Surface Use and Operating Plan is adequate with the additions and modification discussed at the onsite inspection and as recorded in the USGS assessment.

The following site specific stipulations are as listed below:

✓ Re: Cougar Exploration Co.

Well #1-14
 Sec. 14, T5S., R5W., USB&M

1. Install a cattle guard at fenceline in the NWNE, Section 13, T5S., USB&M.



2. Construct a dike to protect the well location from flood.
3. Take necessary precautions to prevent spills into Tabby Canyon stream.
4. Water permit must be obtained from the Branch of Real Property Management at the Uintah and Ouray Agency, Fort Duchesne, Utah for water in Tabby Canyon, as the water rights belong to the Ute Tribe.

Sincerely yours,

R. W. Collins
Superintendent

Enclosure

Memorandum

To: USGS District Engineer

From: Surface Managing Agency

Subject: Cougar Exploration , well #1-14 _____
in the NESE., Sec. 14, T5S., R5W., USB&M. _____

We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information on 9-19-80 , we have cleared the proposed location in the following areas of environmental impact:

- Yes No Listed threatened or endangered species
Yes No Critical wildlife habitat
Yes No Historical or cultural resources
Yes No Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment).
Yes No Other (if necessary)

Remarks: _____

The necessary surface protection and rehabilitation requirements are enclosed.

R. Lynn Hall

Enclosure

FY; '80-87

NEGATIVE DECLARATION

APPROVAL BY SECRETARY OF THE INTERIOR OF Application for permit to
drill an oil well FROM XX,

TO Cougar Exploration XXXXXXXXXXXX COVERING THE FOLLOWING
DESCRIBED TRUST INDIAN LANDS IN Duchesne COUNTY, STATE OF UTAH.

LEGAL DESCRIPTION:

The well sight is located 1023 feet from the east line and 2371 feet from the south line Sec. 14, T5S., R5W., USB&M.

OWNERSHIP

Surface Ute Tribe (Foy Purchase)

Sub-Surface Ute Tribe

IT HAS BEEN DETERMINED AFTER REVIEW OF THE ACCOMPANYING ENVIRONMENTAL ANALYSIS,
THAT THE APPROVAL OF THIS application IS NOT SUCH A MAJOR FEDERAL ACTION
SIGNIFICANTLY AFFECTING THE QUALITY OF THE HUMAN ENVIRONMENT AS TO REQUIRE THE
PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT UNDER SECTION 102 (2) (c) OF
THE NATIONAL ENVIRONMENTAL POLICY ACTION OF 1969 (42 U.S.C. § 4332 (2) (c)).

24 Sept 80
DATE

H. W. Collier
SUPERINTENDENT

FY: '80-87

LEASE NO. 14-20-H62-3423
WELL NO. Cougar #1-14

UINTAH AND OURAY AGENCY
ENVIRONMENTAL IMPACT ANALYSIS

1. PROPOSED ACTION: Cougar Exploration proposes to drill an Oil well (#1-14) to, a proposed depth of 10,000 feet; to construct approximately None (feet, miles) of new access road; and upgrade approximately None (feet, miles) of existing access road.
2. LOCATION AND NATURAL SETTING: The proposed wellsite is located approximately 24 miles southwest of Myton, Utah in the NESE Sec. 14 T. 5S., R. 5W., USB&M meridian. This area is used for Livestock grazing, hunting and recreation (potential irrigated farmland). The topography is gently sloping narrow canyon bottom (Tabbee Canyon). The vegetation consist of greasewood and sagebrush (8 feet in height).
Wildlife habitat for: X Deer X Antelope 0 Elk 0 Bear X Small Mammals X Birds 0 Endangered species X Other Coyotes, bobcats, rabbits, small rodents, magpies, crows, jays, raptors, small song birds.
3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION: (1) creates a potential source for pollution of the streams (Tabbee, Sowars, Antelope Canyon streams and Duchesne River). (2) Small stream in Tabbee Canyon will have to be diverted into new channel which will cause some erosion. (3) Approximately 2 acres needed for well sight will be cleared of all vegetation. (4) The aesthetic and scenic qualities will be adversely affected. (5) Some disturbance of livestock & wildlife will occur. (6) Will have an adverse effect on livestock raising & farming operation in this area.
4. ALTERNATIVES TO THE PROPOSED ACTION: (1) Not drill well. (2) Move well sight to more desirable location (3) Drill well as proposed at proposed location.
5. ADVERSE EFFECTS THAT CANNOT BE AVOIDED: None of the adverse effects listed above in item #3 can be avoided. The operator has submitted a 13 point Surface Use and Operating Plan that will minimize some adverse effects. The plan provides for restoration of the surface to original contours and establishing a vegetative cover to BIA specifications.
6. DETERMINATION: This request action (~~00000~~) (does not) constitute a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. s 4332 (2)(c)).

REPRESENTATIVE:

Craig Hansen - USGS - Vernal
Jack Skewes - Representing Co.
Jack Skewes - Skews & Hamilton Contractors
Joe Pinecoose - Ute Tribe

R. Lynn Hall 9-22-80
BIA Representative Date

COPY TO:
USGS, P.O. BOX 1037, Vernal, Utah 84078

USGS, Dist, Engr., Cons. Div., 8426 Federal Building., Salt Lake City, Utah
84138

Lease #. 14-20-H62-3423
Well #. Cougar #1-14

FROM: : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-H62-342

OPERATOR: Cougar Exploration

WELL NO. 1-14

LOCATION: NW ¼ NE ¼ SW ¼ sec. 14, T. 5S, R. 5W, USM
Duchesne County, Utah

1. Stratigraphy: Project logs seem reasonable;
Surface - Green River
5500' - Wasatch
10,000' ~ T.D.

2. Fresh Water:

Fresh/usable water may be encountered in
the Green River Fm.

3. Leasable Minerals:

Prospectively valuable for oil shale in the Green River
Formation; oil rich Mahogany bed at depth of 2200'.

1650'

May contain a sequence of rocks immediately above
the Mahogany bed that may contain pods and beds of
saline minerals

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

none anticipated

6. References and Remarks:

Cashion, 1969

Signature: Joseph Incardine Date: 9-11-80

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. 14-20-462-3423 Well No. 1-14

1. The location appears potentially valuable for:

- strip mining*
- underground mining** *oil shale*
- 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

COUGAR EXPLORATION
Ute #1-14
NESE Section 14, T5S, R5W
Duchesne County, Utah

1. GEOLOGIC NAME OF SURFACE FORMATION:

Green River

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Base to 5500 ± Green River
5500 to 9500 - Wasatch

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS, OR OTHER MINERAL BEARING FMS:

400' Water
5000' Oil and Gas
6000' to TD Oil and Gas

4. CASING PROGRAM:

100' of 13 3/8 Conductor Pipe
1000' of 9 5/8 32 pounds
10000' of 5 1/2 32 pounds

5. BOP PROGRAM: (See attached Figure 3)

- A. 1 10" 900 Series Rotating Head
- B. 1 11" 900 Series Cameron Double Gate
 - 1 Pipe Ram
 - 1 Blind Ram
- C. 1 11" Hydrill
- D. Choke System
- E. BOP's and choke manifold will be installed and pressure tested before drilling out from under surface casing and will be checked daily as to mechanical operating condition.

6. DRILLING FLUID:

Hole will be air drilled. A large rotary air compressor rated at 1500 CFM (1,600 psi) will be used to drill hole. If a significant flow of H₂O is encountered, soap mist injection will be used to the 6500' level, then well will be drilled with mud to Total Depth.

7. AUXILIARY EQUIPMENT:

- A. Kelly Cock
- B. Drill Pipe Float
- C. A sub on the floor with a full opening valve to be stabbed into drill pipe.

8. TESTING, LOGGING, OR CORING:

- A. No open hole tests will be run.
- B. Dual induction Laterolog, CNL Density.
- C. Fracturing or other treatment program information not known at present. A program will be submitted prior to operation for approval. A basic frac equipment layout is shown in Exhibit "E".
- D. No coring anticipated.

9. ABNORMAL PRESSURE OR TEMPERATURE:

No abnormal pressures or temperatures are anticipated based on information from other drilled holes in the area.

10. STARTING DATE:

October 15, 1980

August 18, 1980

Cogger Exploration
Box 1384
Casper, Wyoming 82601

RE: Well No. Ute #1-14
Sec. 14, T. 38, R. 3W.,
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil and gas wells are hereby granted in accordance with Rule G-1, General Rules and Regulations and Rules of Practice and Procedure. However, Topographic Exception - company owns or controls acreage within a 660' radius of proposed sites.

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

MICHAEL T. MINDER - Petroleum Engineer
HOME: 876-3001
OFFICE: 333-5771

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 numbers be identified.

The API numbers assigned to this well is Ute #1-14: 43-013-30541.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/sh

cc: DGG

DUPLICATE

SUBMIT **DUPLICATE***
(Other instructions on reverse side)

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 CAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
COUGAR EXPLORATION

3. ADDRESS OF OPERATOR
Box 2304 Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1023 FEL 2371' FSL Section 14, T5S, R5W, U.S.B. & M.
 At proposed prod. zone
 Same **NE SE**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
23.2 miles Southwest of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **1023**

16. NO. OF ACRES IN LEASE **640**

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

19. PROPOSED DEPTH **10000 WASATCH**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6406' GR

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
#1-14

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T5S, R5W, U.S.B. & M.

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

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

22. APPROX. DATE WORK WILL START
Sept. 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 15" | 13 3/8" | Conductor Pipe | 100' | 50 sacks |
| 12 1/2" | 9 5/8" | 32# | 1000' | 200 sacks |
| 8 3/4" | 5 1/2" | 32# | 10000' | 400 sacks |

See 10 Point & Attachments

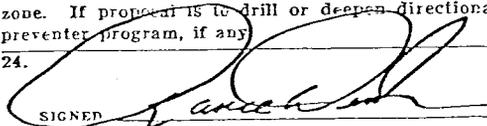
RECEIVED

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

OCT 31 1980

DIVISION OF
OIL, GAS & MINING

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

24. SIGNED  TITLE Drilling Superintendent DATE Aug 8, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Henricks FOR E. W. GUYNN DISTRICT ENGINEER DATE OCT 29 1980

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

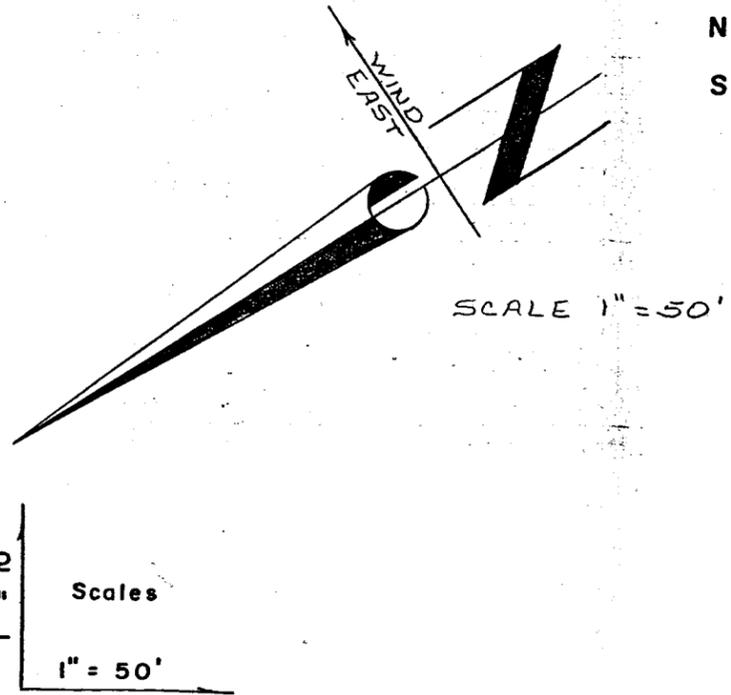
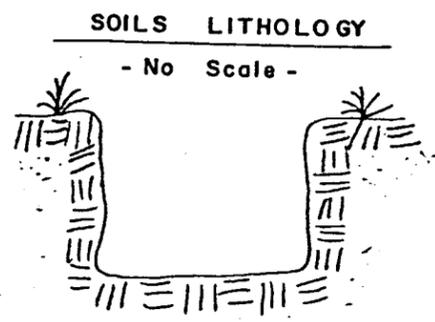
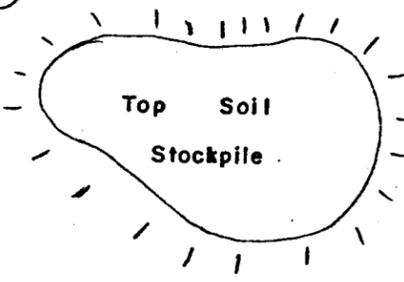
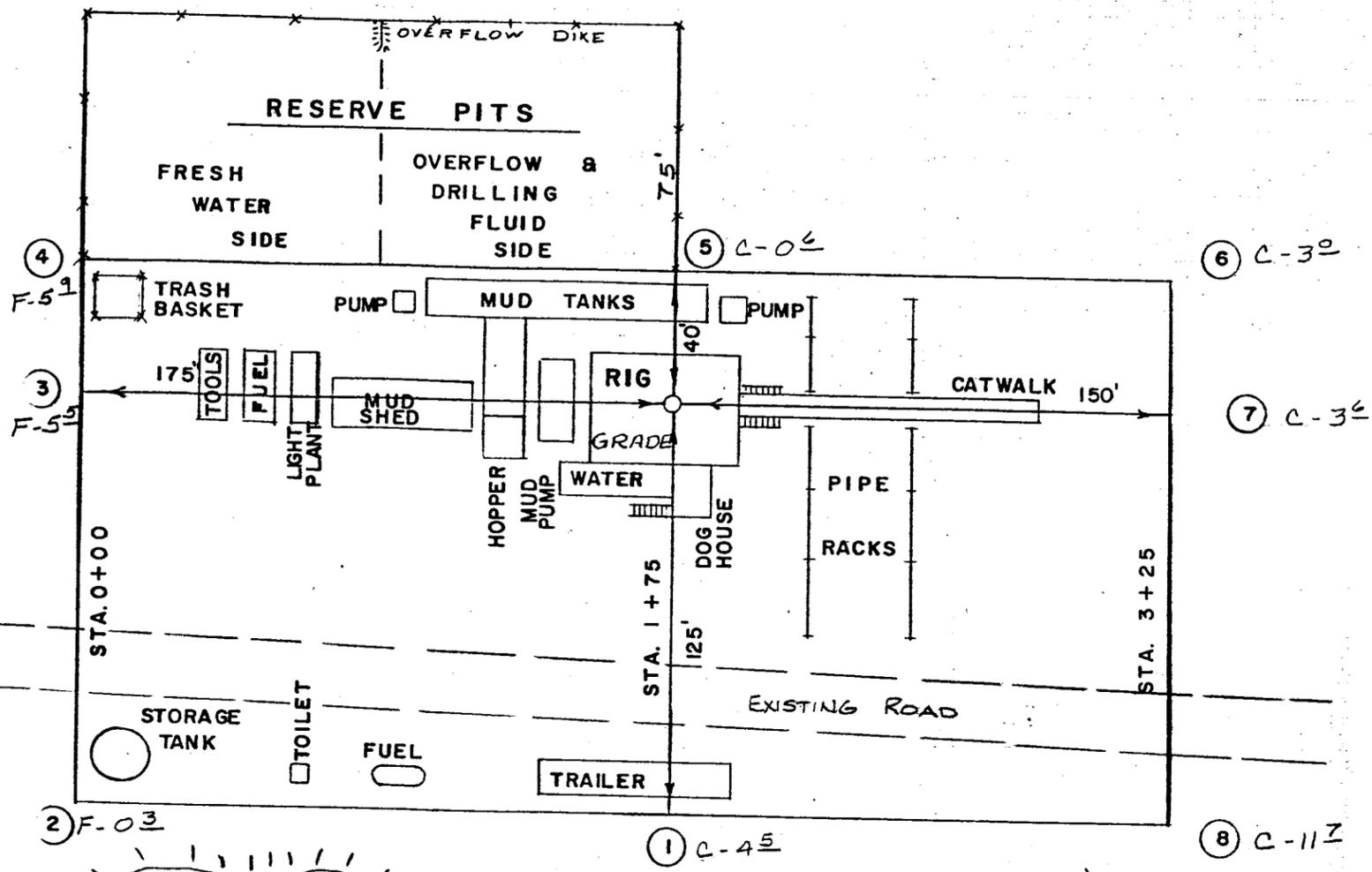
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*See Instructions On Reverse Side

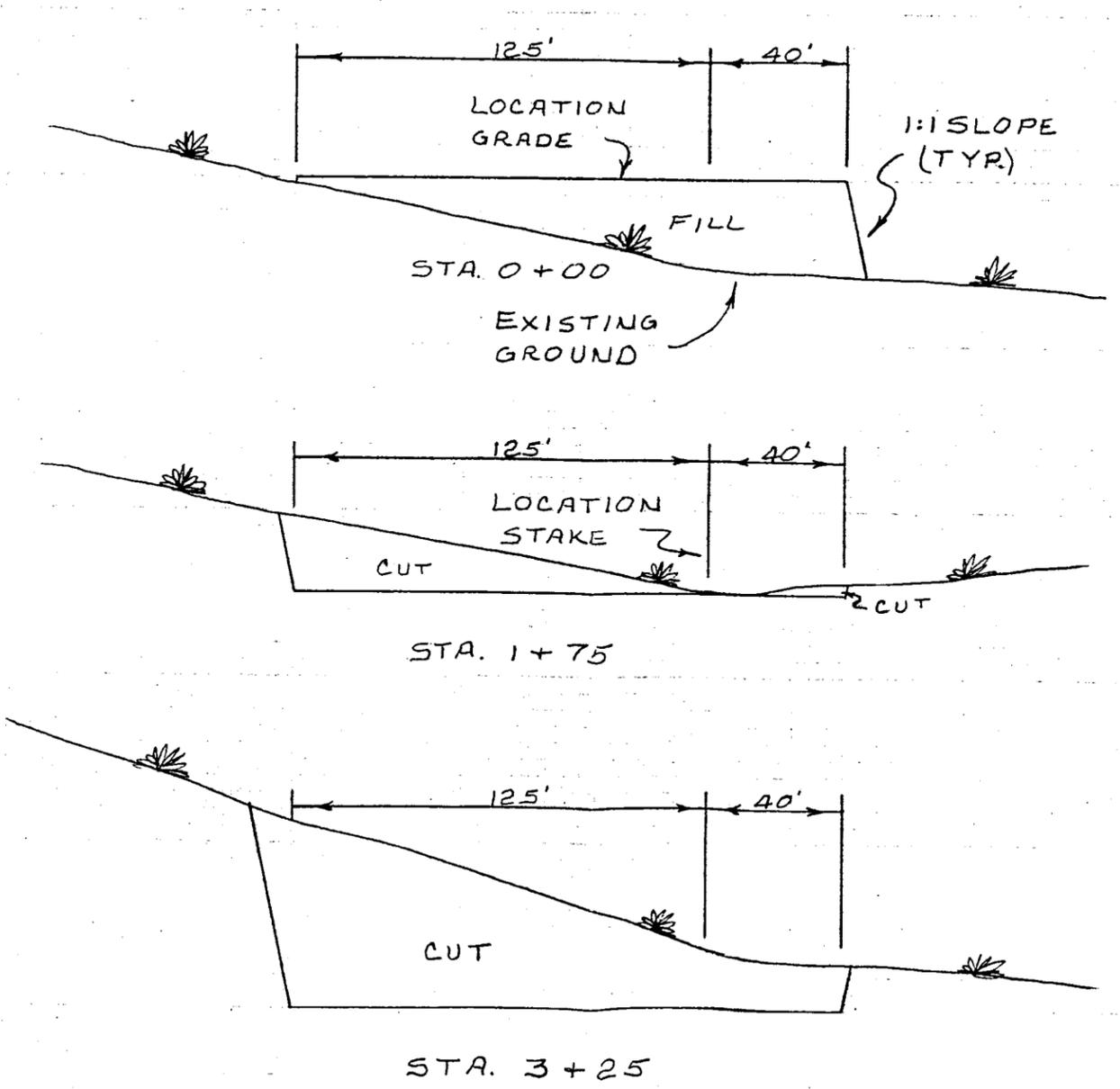
State Oil & Gas

COUGAR EXPLORATION

UTE # 1-14



C
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APPROX. YARDAGES

| | |
|------------------|---------|
| Cubic Yards Cut | - 5,062 |
| Cubic Yards Fill | - 1,973 |

COUGAR EXPLORATION UTE #1-14

PROPOSED LOCATION

TOPO.

MAP "B"

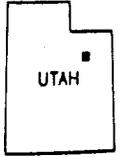


SCALE - 1" = 2000'

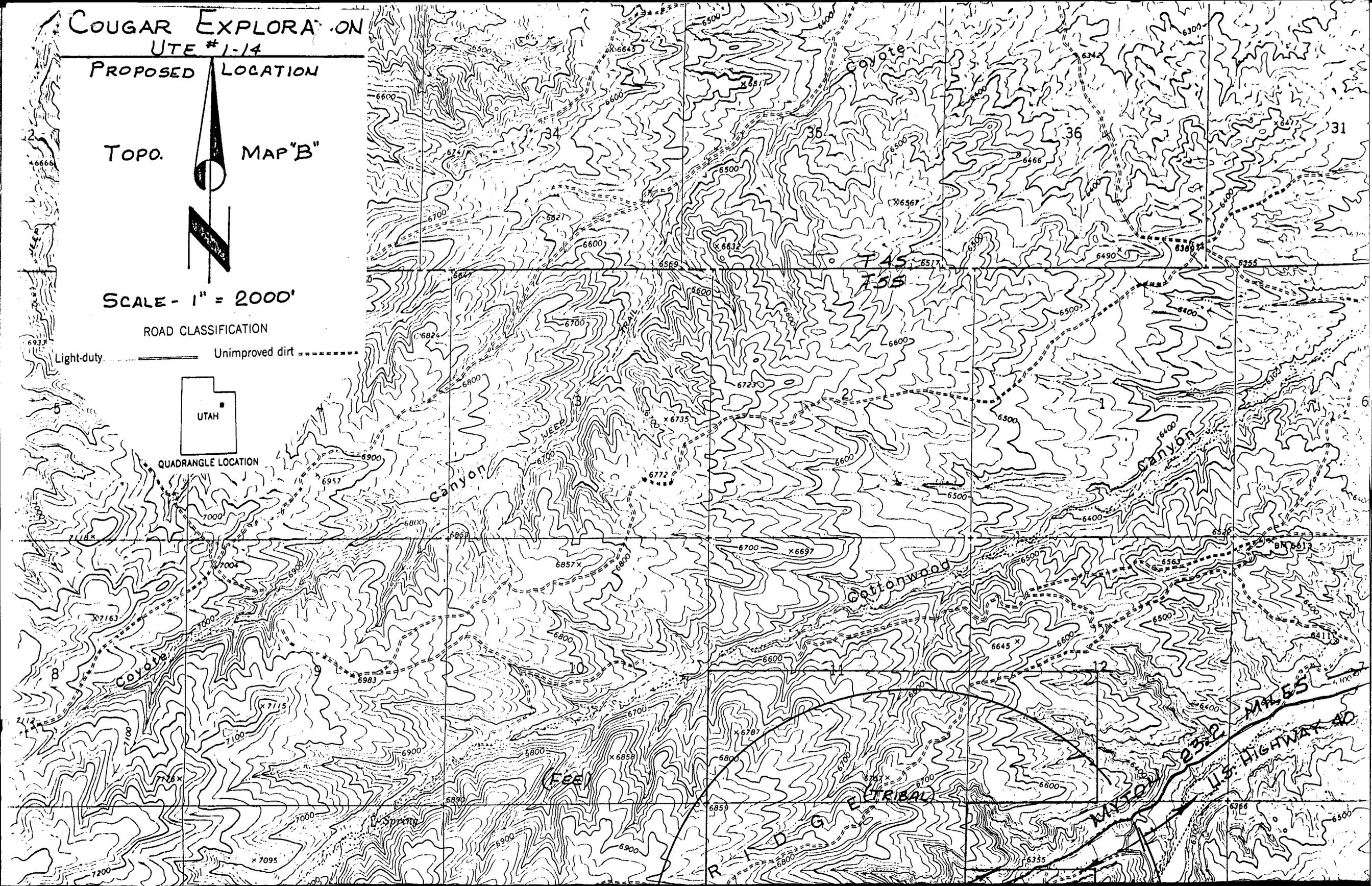
ROAD CLASSIFICATION

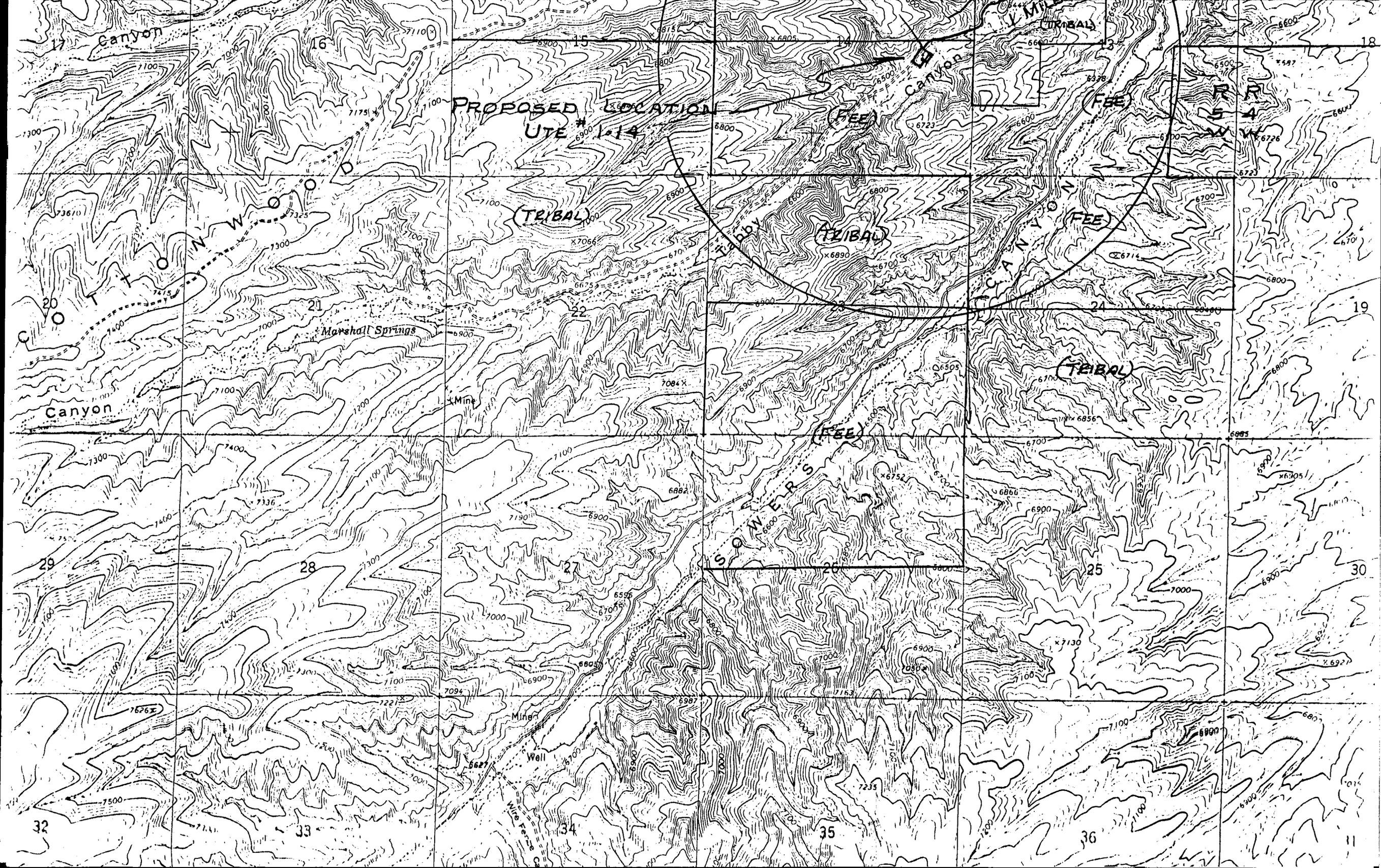
Light-duty

Unimproved dirt



QUADRANGLE LOCATION





NOTICE OF SPUD

Cougar
Exploration
Inc.

Caller: Dewey Orr

Phone: _____

Well Number: Ute # 1-14

Location: NESE 14-5S-5W

County: Duchesne State: Utah

Lease Number: 14-20-H62-3423

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 10-31-80 4:30 P.M.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 15" hole 43' deep
shut down, 11-1-80 dug rat hole, mouse hole
& sanitary holes, shut down for night, on

11-2 - ran 45' of 13 3/8" 5 1/2 # cc to 43' GL
cmf @ 50 SKS ready mix - job completed 3:30 P.M. 11-2-80

Rotary Rig Name & Number: Denton Bros. Drilling # 2

Approximate Date Rotary Moves In: 11-2-80

FOLLOW WITH SUNDRY NOTICE

Call Received By: K.R.

Date: 11-5-80

NOV 6 1980

DIVISION OF
OIL, GAS & MINING

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
Cougar Exploration

3. ADDRESS OF OPERATOR
999 18th St., Ste. 1260 Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1023' FEL 2371' FSL Sec.14
AT TOP PROD. INTERVAL: T5S, R5W U.S.B. & M.
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 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 well name | <input type="checkbox"/> | | <input type="checkbox"/> |

5. LEASE
14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
#14-9

10. FIELD OR WILDCAT NAME
Undesignated

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

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6404' ungr GR 6418' KB

(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.)*

On the A.P.D. approved 10/80, this well was designated the Ute Tribal #1-14. It will now be called the Brundage Canyon Ute #14-9.

RECEIVED
MAR 13 1981
DIVISION OF
OIL, GAS & MINING

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

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

SIGNED Alison Henning TITLE Administrator DATE 3/11/81

(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
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 14-20-H62-3
Communitization Agreement No. _____
Field Name Undesignated
Unit Name _____
Participating Area _____
County Carbon State Wyoming
Operator Cougar Exploration
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 81

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

| Well No. | Sec. & 1/4 of 1/4 | TWP | RNG | Well Status | Days Prod. | *Barrels of Oil | *MCF of Gas | *Barrels of Water | Remarks |
|------------------|-------------------|-----|-----|-------------|------------|-----------------|-------------|-------------------|---|
| #1-14 (#14-9) | NeNe Sec. 14 | 19N | 87W | Completing | | | | | 3/1/81 Swb 3/15/81 Frac 3/23/81 WO bearings for pmp unit 3/29/81 Install bearings (Pmp was replaced 4/4/81) |

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

| | Oil & Condensate (BBLs) | Gas (MCF) | Water (BBLs) |
|--------------------------|-------------------------|----------------------|----------------------|
| *On hand, Start of Month | _____ | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Produced | _____ | _____ | _____ |
| *Sold | _____ | _____ | XXXXXXXXXXXXXXXXXXXX |
| *Spilled or Lost | _____ | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *Flared or Vented | XXXXXXXXXXXXXXXXXXXX | _____ | XXXXXXXXXXXXXXXXXXXX |
| *Used on Lease | _____ | _____ | XXXXXXXXXXXXXXXXXXXX |
| *Injected | _____ | _____ | _____ |
| *Surface Pits | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX | _____ |
| *Other (Identify) | _____ | _____ | _____ |
| *On hand, End of Month | _____ | XXXXXXXXXXXXXXXXXXXX | XXXXXXXXXXXXXXXXXXXX |
| *API Gravity/BTU Content | _____ | _____ | XXXXXXXXXXXXXXXXXXXX |

Authorized Signature: Alison Kenning Address: 999 18th St. Ste. 1260 Denver, CO 80202
Title: Administrator Page _____ of _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. _____
Federal Lease No. _____
Indian Lease No. 14-20-H62-3423
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE BIA

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
February, 19 81

Agent's Address 999 18th St., Ste. 1260 Company Cougar Exploration
Denver, CO 80202 Signed Alison Skanning
Phone No. (303)623-1500 Title Administrator

| Sec. and ¼ of ¼ | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|--------------------|------|-------|-------------|------------------|----------------|---------|----------------------------------|-------------------------------------|--|---|
| NeSe ec. 14 | 5S | 5W | 14-9 | 0 | | | | | | 2/1-2/20 - WOCT 2/20-2/28- Completing, logging |



COUGAR EXPLORATION, INC.

Denton Brothers Drilling - Rig #2

P.O. Box ~~8518~~ 2304
Casper, Wyoming 82602
(307) 235-0712

JAN 30 1981

Cougar Exploration, Inc.
UTE #1-14
Section 14, T5S, R5W
Duchesne County, Utah

| Depth 11 p.m. Previous Night | Footage 24 hours | Activity at 7 a.m. |
|---------------------------------|---------------------|-----------------------|
|---------------------------------|---------------------|-----------------------|

| | | |
|-------------------|--|---|
| October 31, 1980 | | Spud at 4:30 p.m. with dryhole digger. 43' 15" hole. SDFN |
| November 1, 1980 | | Drill mousehole and rate hole and sanitation holes. SDFN |
| November 2, 1980 | | Ran 45' 13 3/8" 54.5# casing to 43' GL. Cemented with 50 sacks Ready Mix; completed at 3:30 p.m. 11-2-80. Moving in rotary tools. |
| November 3, 1980 | | Moving in rotary tools and rigging up. |
| November 4, 1980 | | Moving in rotary tools and rigging up. |
| November 5, 1980 | | Moving in rotary tools and rigging up. |
| November 6, 1980 | | Moving in rotary tools and rigging up. |
| November 7, 1980 | | Moving in rotary tools and rigging up. |
| November 8, 1980 | | Rigging up. |
| November 9, 1980 | | Rigging up |
| November 10, 1980 | | Rigging up |
| November 11, 1980 | | 198' (148') 1 day. WOC at 220' Uintah Drilled 148' in 8 hrs. rig up 14 1/2 hrs. Spud at 1:30 p.m. 11-10-80. Bit #1 12 1/2 DTJ 3-14/32 148' 9 1/2 hrs. PP-900 WT-all rpm-70 Mud Prop: MW 8.4 Vis 29 Ph 11.5 Chl 500 |

cc: Texas General
Burton-Hawks
Husky Oil
Enterprise Gas
Odessa Natural Corp.
Superior Iron Works
R. Downs Poindexter
Horizon Oil & Gas

128 81

1-12-80
11-18-80
11-25-80
12-2-80
12-9-80
12-16-80
12
1-6-81

Ute #1-14
Section 14, T5S, R5W
Duchesne County, Utah

Page Two

November 12, 1980

220' (22') 2 days. Wash to bottom - surface
Drilled 20' in 5 hrs. Bail out cellar and
re cement 3 hrs., drill cement 3 hrs.,
POH 1 hr., WOC 12 hrs.
Bit #1 12½" DTJ 3-14/32 170' 14½ hrs.
Mud Prop: MW 8.5 Vis 29

November 13, 1980

246' (26') 3 days. Drilling at 293' Uintah
Drilled 26' in 8 hrs. WOC 3 hrs. TIH ½ hr.
PU/kelly ½ hr. Mix 1CM 8 hrs. Work on
conductor ½ hr. Wash 21' to bottom ½ hr.
build volume 3 hrs.
Bit #1 12½" DT 3-14/32 210' 24½ hrs.
PP-1200 WT-25 rpm-50
Mud Prop: MW 8.4 Vis 29

November 14, 1980

509' (216') 4th day. Drilling 675' Uintah
Drilled 216' in 17 ¾ hrs. Dev at 260' ¼°,
½ hr., trip 2 hrs., wash to bottom 70' ½ hr.
rig service ½ hr., build volume 3 hrs.
Bit #2 12½" 2JS 3-14/32 415' 15 hrs.
PP-700 WT-35 rpm-72
Mud Prop: MW 8.4 Vis 27 lost circ mat 10%
Mud leaking around conductor.

November 15, 1980

905' (235') 5th day. Drilling at 1121' Uintah
Drilled 235' in 23½ hrs., rig service ½ hr.,
Bit #2 12½" 2JS 3-14/32 645' 38½ hrs.
PP-500 WT-30 rpm-70
Mud Prop: MW 8.4 Vis 27 Chl 500
Rig settling 4" on front pit side due to mud
coming up around conductor. Rig is setting
on fill.

November 16, 1980

1260' (355') 6th day. WO/rig levelers - Sand &
Shale. Drilled 355' in 13 ¾ hrs. rig service
½ hr., circ 2 hrs., LD/3 jts - circ-pull 8 stds -
TIH-wash to bottom- 5½ hrs., WO/rig levelers
out of Farmington, NM 1½ hrs.

November 17, 1980

1260' (0') 7th day. WO/rig levelers - surface
WO/rig levelers from Farmington 24 hrs. Will
set 9 5/8" casing when rig is level.
Bit #2 12½" 2JS 3-14/32 1000' 57½ hrs.
PP-500 WT-30 rpm-70
Mud Prop: MW 8.4 Vis 38 Chl-500

Ute #1-14
Section 14, T5S, R5W
Duchesne County, Utah

Page Three

November 18, 1980

1260' (0') 8th day. WO/rig levelers - Surface
WO/rig levelers 24 hours.
Boiler 24 hrs.
Mud Prop: MW 8.4 Vis 70

November 19, 1980

1260' (0') 9th day. WO/Howco surface
WO/rig levelers 10 hrs., level rig 8 hrs.,
short trip 2 hrs., drop survey-cut drill line-
POH-4 hrs., boiler 24 hrs.
Bit #2 12½" 2JS 3-14/32 1000' 52½ hrs.
Bit like new.
Mud Prop: MW 8.6 Vis 51

November 20, 1980

1260' (0') 10th day. WOC surface
Cut drill line ½ hr., POH LD 8" collars 2 hrs.,
Run 30 jts 9 5/8" 43.5# K-55 casing to
1258.11 4½ hrs., Howco cemented w/335 sx
Howcolite 2% cacl₂, 10# gel 1/4# Flogel,
13.1#. 200 sx cl-H 2% cacl₂, 1/4# Flogel
15.8# PD 10:15 a.m., no returns, 1" cement
from top 75 sx. WOC 16 hrs.

November 21, 1980

1260' (0') 11th day. Nipple up - surface
WOC 13 hrs., Nipple up 11 hrs.

November 22, 1980

1260' (0') 12th day. Drilling cement - Uintah
Nipple up 15 hrs., press test 8 hrs.,
rig up blouie line 1 hr.
Bit #3 8½" F3 open TIH

November 23, 1980

1738' (478') 13th day. Dusting at 2000' - SD & Shale
Drilled 478' w/air in 13½ hrs. Pressure test
4½ hrs., TIH w/DC 2 hrs., drill cement at
1246, shor @ 1259' 3 3/4 hrs., rig service 1½ hrs.
Bit #3 8½" F3 open 478' in 14 3/4 hrs.
WT-35 rpm-80 air pressure 75#

November 24, 1980

2460' (622') 14th day. Drilling at 2700' - Sand
and shale
Drilled 622' in 16½ hrs., rig service ½ hr.,
air comp ¼ hr., unplug blouie line 2½ hr.,
work tight spot 1 hr., change to mist @ 2700'
and dry up hole 1½ hr., WO/kelly 1½ hr.,
Bit #3 8½" F-3 open 1219' 32½ hrs., Air-125#
WT-30 rpm-85

Ute #1-14
Section 14, T5S, R5W
Duchesne County, Utah

Page Four

November 25, 1980

2933' (473') 15th day. Misting at 3165'
Green River. Drilled 473' in 16 hrs.,
work pipe (no returns) 1½ hrs., rig service
½ hr., LD/8 jts 2½ hrs., circ fluid out of
hole 3½ hrs.

November 26, 1980

3586' (653') 16th day. Drilling at 3703' Shale
Drilled 653' in 23 hrs., rig service ½ hr.,
work pipe ½ hr.
Bit #3 8½" F-3 open 2345' 62½ hrs.,
Air pressure 200#, WT-30 rpm-80

November 27, 1980

3630' (44') 17th day. Reaming at 3600'.
Green River. Drilled 44' in 6½ hrs. Changed
air value ¾ Hr. Circ.-1 Hr. Bit #4 8½"
F3J open Reaming. Mud Prop: Air.

November 28, 1980

3704' (0') 18th day. Misting at 3829' Green River
Reamed 74' in 16½ Hrs. Rig service- ½ Hr.
Circ - 1 Hr. POH-2½ Hrs. Rep Rot Torque-
1 Hr.. TIH - 3 Hrs. Bit # 4 8½" F-3 Open
Ream 400' 29 ¾ Hrs. Air-200# WT-3/5
RBM -40/80. Buttons were cracked & Broken,
Bearing loose, Slightly out of gage.

November 29, 1980

4293' (589') 19th day. Misting at 4527'
Wasatch. Drilled 589' in 21 ¾ Hrs.
TIH & Ream 40' - 2¼ Hrs. Rig service-½ Hr.
Bit # 5 8½" F-4 open 589' 23 Hrs. Air -200#
WT-32 RPM-50 Flare at 4,007. Misting 6-8 Bbls/
Hr. 3251 CU Ft/Min air.

November 30, 1980

4730' (437') 20th day. POH 4755' Wasatch
Drilled 437' in 19-¾ Hrs. RS-½ Hr.
Air Comp -½ Hr. Stuck pipe - 2Hrs. Unload
hole at 600# - 1½ Hr. Bit #5 8½" F-4
Open 1023 42-¾ Hrs. Air 200# WT-32
RPM-50.

December 1, 1980

4773' (43') 21 day. Drlg. at 4775' Wasatch
Drl. 43' in 2 hrs. Unload hole & pump salt
water-6½ Hrs. RS-½ Hr. POH-2½ Hrs. Nipple
down & nipple up for mud - 4½ Hrs. TIH,
Break Cidc. at 20 stds & 25 stds- 4 hrs.
Bit #5 8½" F-4 open 1048' 44-¾ Hrs. Air
200# WT-35 RPM-50 Bit #6 8½" F-4 3- 12/32
Tripping in hole. Mud Prop: MW-9.1 Vis-31
WL-NC Chl -80,000 Chrom-600.

Ute #1-14
Section 14, T5S, R5W
Duchesne County, Utah

Page Five

December 2, 1980

5005' (250') 22nd day. Drilling at 5135' Shale
Drilled 250' in 17½ hrs., TIH & break circ 2 ¾ hrs.
ream bridge at 4550' 2½ hrs.
Bit #6 8½" F4 3-12/32 250' 17 ¾ hrs.
PP-1000 WT-33 rpm-50
Mud Prop: MW 9.1 Vis 35 WL 23 Chl 65,000 Chrom 400

December 3, 1980

5215' (210') 23rd day. TIH Wasatch
Drilled 210' in 15 hrs., Dev at 5215, mis-run,
rig service ½ hr., circ 2 hr., POH 2½ hr.,
log 3½ hrs.
Bit #6 8½" F-4 3-12/32 460' 36½ hrs.
PP-1000 WT-35 rpm-50.
Mud Prop: MW 9.3 Vis 32 WL 18.4 Chl 80,000
Cal 400

December 4, 1980

5301' (86') 24th day. Drilling at 5390' Wasatch
Drilled 86' in 13½ hrs., log 3 hrs., TIH, rig
service, circulate & wash to bottom 60', 7 hrs.,
rig down ½ hr.
Bit #6 8½" F-4 3-12/32 546' 46' hrs.
PP-1000 WT-40 rpm-50
Mud Prop: MW 9.4 Vis 33 Chl 75,000 Cal 100
Chrom 500

December 5, 1980

5582' (314') 25th day. Drilling at 5730' Wasatch
Drilled 214' in 23½ hrs., rig service ½ hr.
Bit #6 8½" F-4 3-12/32 827' 69½ hrs. PP-1000
WT-40 rpm-65
Mud Prop: MW 9.3 Vis 29 Chl 80,000
BG 10 CG 13 80% shale 20% Sand

December 6, 1980

5872' (257') 26 Rep Drawworks Wasatch
Drld 257' in 22½ Hrs. Rig Serv-½ Hr. Surv-½ Hr.
POH-1 Hr.
Bit #6 8½" F-4 3 12/32 1117' 91½ Hr PP-1000 wt-55
RPM-20
Mud Prop: Mw-9.5 VIS-28 chl-75,000 Cal-500

December 7, 1980

5938' (66') 27 Drlg @6010 Wasatch
Drld 66' in 7 ¾ Hrs. Trip-7 Hrs. Replace
water tubes in Drawworks-9½ Hrs.
Bit #7 8½" F-3 3 12/32 66' 7 ¾ Hrs. PP-1200
wt-40 RPM-70
Mud prop: mw-9.4 VIS-28 chl-85,000 Cal-500

Ute #1-14
Section 14, T5S, R5W
Duchesne County, Utah

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December 8, 1980

6129' (191')28 Drlg @6160 Wasatch
Drld 191' in 21½ Hrs. Rig Serv-½ Hr. CIRC-1 Hr.
POH-1 Hr.
Bit #7 8½" F-3 3-12/32 257' 29½ Hrs. PP-1200
wt-35 RPM-70
Mud prop: mw-9.4 VIS-28 chl-75,000 Cal-500

December 9, 1980

6336' (207')29 Drlg @6415' Wasatch
Drld 207' in 19½ Hrs. Trip for hole in pipe-4½ Hrs.
Rig Serv-½ Hr.
Bit #7 8½" F3 3-12/32 464' 48½ Hrs pp-1300 wt-32
RPM-60
Mud prop: mw-9.4 VIS-28 chl-55,000 Cal-500 BG-6
CG-6
Drlg Brk: 6300-6323 (23') No show

December 10, 1980

6548' (212')30 Drlg @6630 Wasatch
Drld 212' in 23 3/4 Hrs. Rig Service ½ Hr.
Bit #7 8½" F-3 3-11/32 676' 72½ Hrs. pp-1300
wt-32 RPM-60
Mud Prop: mw-9.3 VIS-27 chl-50,000 cal-400

December 11, 1980

6760' (212') 31 Drlg @6830' Wasatch
Drld 212' in 22½ Hrs. Rig Service - ½ Hr.
Bit #7 8½" F-3 3-12/32 880' 95 3/4 Hrs. pp-1300
wt-32 RPM-60
Mud prop: mw-9.4 VIS-27 chl-60,000 calc-400
chr-450
BG-2 CG-5 No Drlg Breaks.

December 12, 1980

6990' (230')32 Drlg @7070' Wasatch
Drld 230' in 23 3/4 Hrs. Rig Service-½ Hr.
Bit #7 8½" F-3 3-12/32 1118' 119½ Hrs. pp-1300
wt-32 RPM-60
Mw-9.4 VIS-27 chl-60,000 Calc-400 Chrom-450
Drilg breaks: 6866-6917 (51') No show
7015-7026 (11') No show

December 13, 1980

7208' (218') 33 POH @7265' Wasatch
Drld 218' in 23 3/4 Hrs. Rig Serv-½ Hr.
Bit #7 8½" F-3 3-12/32 1336' 143½ Hrs. pp-1300,
wt-36 RPM-60
Mud prop: mw-9.5 VIS-28 chl-35,000 cal-50 chr-600
Drilg break: 7115-7151 (36') No show
Daily Cost-\$10,815 Accum cost - \$514,045

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Duchesne County, Utah

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December 14, 1980

7315' (107') 34 Drlg @7385' Wasatch
Drld 107' in 13 Hrs. Trip for bit & ream 60'
to bottom - 11 Hrs.
Bit #7 8½" F-3 3-12/32 1393' 150½ Hrs. pp-1300
wt-50 RPM-60
Bit #8 8½" F-3 3-12/32 50' 6½ Hrs. pp-1300
wt-50 RPM-60
Mud Prop: mw-9.5 VIS-27 chl-50,000 cal-450chrom-550
BG-0 CG-0 TG-5 No drlg breaks.
Daily cost-\$10,815 Accum cost-\$524,860

December 15, 1980

7514' (199') 35 Drlg @7585' Wasatch
Drld 199' in 24 Hrs.
Bit #8 8½" F-3 3-12/32 249' in 30½ Hrs. pp-1300
wt-45 RPM-60
Mud Prop: mw-9.4 VIS-27 sd-¼ slds-5 chl-48,000
BG-0 CG-0 No drlg breaks 100% shale
Daily cost-\$10,815 Total cost - \$535,675

December 16, 1980

7740' (226') 36 Drlg @7840' Wasatch
Drld 226' in 22½ Hrs. Rig service - ¼ Hr.
Dev @7650' 2¼°-1½ Hr.
Bit #8 8½" F-3 3-12/32 475' 52½ Hrs. pp-1300
wt-45 RPM-75
Mud prop: mw-9.4 VIS-28 chl-24,000 calc-500
BG-0 CG-0 Drlg Break: 7763-7775 (no show)
7801-7817 (no show)
Dail cost - \$10,221 Accum cost - \$545,896

December 17, 1980

8004' (264') 37 Drlg @8060 Wasatch
Drld 264' in 24 Hrs.
Bit #8 8½" F-3 3-11/32 739' 76 Hrs. pp-1300
wt-40 RPM-70
Mud prop: mw-9.6 VIS-27 chl-65,000 calc-400
Chrom-500
Daily cost \$10,221 Accum cost \$556,117

December 18, 1980

8087' (83') 38 Drlg @8150' Wasatch
Drld 83' in 5½ Hrs. Trip for hole in pipe-5½ Hrs.
Trip for new bit - 12½ Hrs. Ream 60' - 1 Hr.
Bit #8 8½" F-3 3-12/32 819' 85 ¾ Hrs. T-7 B-7
G-¾"
Bit #9 8½" F-3 3-11/32 3 - 1 Hr. pp-1600 wt-8
RPM-30
Mud prop: mw-9.6 VIS-27 chl-64,000 calc-400
Chrom-600
Daily cost-\$13,495 Accum cost-\$569,612

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Duchesne County, Utah

Page Eight

December 19, 1980

8272' (185') 39 Drlg @8336 Wasatch
Drld 185' in 23 3/4 Hrs. Rig Service - 1/4 Hr.
Bit #9 8 1/2" F-3 3-12/32 188' 25 Hrs. pp-1600
wt-35 RPM-50
Mud Prop: mw-9.6 VIS-28 chl- 56,000 calc - 800
chrom-700 No gas readings, No Drlg
breaks.
Daily Cost-\$10,695 Accum Cost - \$580,307

December 20, 1980

8498' (226') 40 Drlg @8584' Wasatch
Drld 226' in 23 3/4Hrs. Rig Service - 1/4 Hr.
Bit #9 8 1/2" F-3 3-13/32 414' - 49 Hrs. pp-1600
wt-45 RPM-62
Mud Prop: mw-9.7 VIS-27 chl-50,000 SLDS-5
calc-800, Chrom-600
Daily Cost \$10,965 Total Cost - \$591,272

December 21, 1980

8710' (212') 41 Drlg @8762' Wasatch
Drld 212' in 23 3/4 Hrs. Rig Service - 1/4 Hr.
Bit #9 8 1/2" F-3 3=11/32 626' 72 3/4 Hrs. pp-1600
wt-45 RPM-65
Mud Prop: mw-9.7 VIS-27 chl-48,000
Daily cost - \$10,900 Accum Cost - \$602,172

December 22, 1980

8875' (165') 42 Drlg @8952' Wasatch
Drld 165' in 22 1/2 Hrs. Trip 16 Stds for hole in
the pipe - 1 1/2 Hr. Rig service - 1/4 Hr.
Bit #9 8 1/2" F-3 3-11/32 791' 97 3/4 Hr. pp-1600
wt-45 RPM-62
Mud Prop: mw-9.7 VIS-27
Daily Cost - \$18,800 Accum cost: \$620,972

December 23, 1980

8984' (109') 35 Drlg 8906' Wasatch
Drld 109' in 13 1/2 Hrs. Trip for hole in pipe
(26 Stds) - 3 1/2 Hrs. Rig Service 1/4 Hr.
CIRC & SURV - 1 Hr. POH&WO/Junk sub - 2 1/2 Hrs.
Bit #9 8 1/2" F-3 3-11/32 900' 111 1/2 Hrs. T-5 B-6
G-1/8"
Bit #10 8 1/2" F-3 3-11/32 TIH
Mud Prop: 9.8 VIS-28 SLDS-4% chl-112,000
Daily cost-\$13,925 Accum Cost-\$634,897

December 24, 1980

9006' (22') 44 Drlg @9080 Wasatch
Drld 22' in 3 Hrs. Trip for new bit - 8 Hrs.
Trip for hole in drill pipe - 12 Hrs. Rot
Head - 1 Hr.
Bit #10 8 1/2" F-3 3-11/32 22' - 3 Hrs. pp-1600
wt-45 RPM-62
Mud Prop: mw-9.8 VIS-27 chl-82,000
Daily cost \$20,475 Accum Cost \$645,372

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Duchesne County, Utah

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December 25, 1980

9226' (220') 45 Drlg @9305' Wasatch
Drld 220' in 23½ Hrs. Rig Service - ¼ Hr.
Bit #10 8½" F-3 3-11/32 242' - 26 ¾ Hrs.
PP-1600 wt-48 RPM-60
Mud Prop: mw-9.8 VIS-27 SLDS-6 Chl-84,000
chrom-700
Daily Cost - \$10,650 Accum Cost. - \$656,022

December 26, 1980

9426' (200') 46 Drlg @9500' Wasatch
Drld 220' in 23 ¾ Hrs. Rig Service - ¼ Hr.
Bit #10 8½" F-3 3-11/32 442' - 50½ Hrs.
PP-1600 wt-60 RPM-60
Mud Prop: mw-9.9 VIS-28 chl-84,000 cal-60
chrom-700
Daily Cost - \$10,250 Accum Cost - \$666,272

December 27, 1980

9557' (131') 47 POH w/Junk Basket Wasatch
Drld 131' in 15½ Hrs. Rig Service - ¼ Hr.
CIRC-1½ Hr. POH-3 Hrs. Wo/Junk Basket-4 Hrs.
Bit #10 8½" F-3 3-11/32 573' - 65 ¾ Hrs.
PP-1600 wt-60 RPM-60
Mud Prop: mw-9.8 VIS-28 chl-69,000 chrom-800
Daily Cost - \$13,800 Accum Cost - \$680,072

December 28, 1980

9590' (33') 48 Drlg @9650' Mesa Verde
Drld 33' in 5 Hrs. Wo/Junk Basket. Trip for
Junk - 9½ Hrs. TIH w/bit #11 - 6½ Hrs.
Bit #11 8½" F-3 3-11/32 33' - 6 Hrs. PP-1200
wt-45 RPM-60
Mud Prop: mw-9.8 VIS-28 chl-69,000 chrom-800
Daily Cost - \$10,150 Accum Cost - \$690,250

December 29, 1980

9790' (200') 49 Drlg @9850' Wasatch
Drld 200' in 23 ¾ Hrs. Rig Service - ¼ Hr.
Bit #11 8½" F-3 3-11/32 233' - 29 ¾ Hrs.
PP-1650 wt-45 RPM-60
Mud Prop: mw-9.8 VIS-28 chl-69,000
Daily Cost - \$10,350 Accum Cost - \$700,572

December 30, 1980

9931' (141') 50 9977' Wasatch
Drld 141' in 23 ¾ Hrs. Rig Service - ¼ Hr.
Bit #11 8½" F-3 3-11/32 374' - 53 ¾ Hrs.
pp-1650 wt-45 RPM-60
Mud Prop: mw-9.8 VIS-28 chl-78,000
Daily Cost - \$12,650 Accum Cost - \$713,402

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December 31, 1980

10,027' (96') 51 Drlg. @10,055' Wasatch
Drld 96' in 14½ Hrs. Trip & cut Drlg line-8½ Hrs.
Survey @ 10,027' Misrun-½ Hr.
Bit #11 8½" F-3 3-11/32 470' 68 3/4 Hrs.
pp-1650 wt-50 RPM-60
Mud Prop: mw-9.9 VIS-28 chl-69,000
Daily cost - \$13,300 Accum Cost - \$726,702

January 1, 1981

10,148' (121') 52 10,200' Wasatch
Drld 121' in 21½ Hrs. TIH & Ream 20' - 2½ Hrs.
Rig Service - ½ Hr.
Bit #12 8½" F-5 121' - 29½ Hrs. pp-1650 wt-50
RPM-50
Mud Prop: mw-9.7 VIS-27 chl-66,000
Daily cost 0 \$10,200 Accum Cost - \$736,902

January 2, 1981

10,302' (154') 53 Drlg @10,350' Wasatch
Drld 154' in 23 3/4 Hrs. Rig Service - ½ Hr.
Bit #12 8½" F-5 3-11/32 275' - 45½ Hrs.
pp-1500 wt-55 RPM-60
Mud Prop: mw- 9.8 VIS-27 chl-60,000
Daily Cost - \$10,050 Accum Cost - \$746,952

January 3, 1981

10,434' (132') 54 Drlg @10,484' Wasatch
Drld 132' in 23 3/4 Hrs. Rig Service - ½ Hr.
Bit #12 8½" F-5 3-11/32 407' - 69½ Hrs. pp-1500
wt-50 RPM-60
Mud Prop: mw-9.7 VIS-27 chl-50,000
Daily cost - \$12,300 Accum Cost - \$759,252

January 4, 1981

10,559' (125') 55 TIH w/bit #13 Wasatch
Drld 125' in 22 3/4 Hrs. Rig Service - ½ Hr.
POH - 1 Hr.
Bit #12 8½" F-5 3-11/32 532' - 92 Hrs.
pp-1500 wt-50 RPM-60
Mud Prop: mw-9.7 VIS-27 SLDS-5 chl-50,000
Daily Cost - \$13,250 Accum Cost - \$772,502

January 5, 1981

10,587' (28') 56 Drlg @10,640' Wasatch
Drld 28' in 6½ Hrs. POH-6 Hrs. TIH-5½ Hrs.
POH for hole in pipe - 3½ Hrs. TIH & Ream 10' - 1½ Hrs
Bit #13 8½" F-5 3-11/32 28' - 6½ Hrs. pp-1550
wt-50 RPM-50
Mud Prop: mw-9.5 VIS-27 chl-50,000
Daily Cost - \$9,700 Accum Cost - \$782,200

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Duchesne County, Utah

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January 6, 1981

10,768' (181') 57 Drilg @ 10,825' Wasatch
Drld 181' - 23 3/4 Hrs.
Bit #13 8 1/2" F-5 3-11/32 181' pp-1550 wt 40/50
RPM-50
Mud Prop: mw-7.4 VIS 27 Chl-50,000
Daily cost - \$9,900 Accum Cost - \$792,100

January 7, 1981

10,837' (69') 58 WOO Wasatch
Drld 69' in 11 Hrs. CIRC - 1 1/2 Hrs. POH - 4 1/2 Hrs.
Wo/schlumberger - 3 1/2 Hrs. Log-3 1/2 Hrs.
Bit #13 8 1/2" F-5 3-11/32 278' - 39 1/2 Hrs. T-7 B-7
G-I
Mud Prop: mw-9.5 VIS-27
Daily cost - \$6,550 Accum Cot - \$802,172

January 8, 1981

10,837' (0') 59 Plugging @9700' Wasatch
Logging - 6 Hrs. WOO-9 1/2 Hrs. TIH-12 1/2 Hrs.
Mud Prop: mw-9.5 VIS-27 chl-50,000
Daily cost - \$9,350 Accum Cost - \$811,522

~~January 9, 1981~~

~~6357' (54') 45 Drilg @6424' Chugwater
Drld 54' in 7 1/2 Hrs. Rig Service - 1 Hr. Polymer
sweep - 1 1/2 Hr. POH & clean junk sub - 6 Hrs.
TIH-3 1/2 Hrs. Wo/motors-4 1/2 Hrs.
Bit #11 7 7/8" HS51 202' - 25 Hrs. T-8 B-4 G-0
Bit #12 7 7/8" HS51 50' - 6 1/2 Hrs. pp-800
wt-35 RPM-98
Mud Prop: mw-9.6 VIS-115 w1-7.5 chl-400
Daily cost - \$6450 Accum Cost \$528,893~~

January 9, 1981

10,837' (0') 60 LDDP Wasatch
Repair Wtrline - 1/2 Hr. LDDC-3 1/2 Hrs. TIH to
9700' - 3 1/2 Hr. CIRC-3/4 Hrs. Rig up & plug
w/85sx reg cement @9700' - 1 1/2 Hrs.
POH 27 stds @7200' - 1 Hr. Plug w/85 sx reg cement 1/2 Hr.
POH 19 stds @5400' - 1 Hr. Plug w/85sx reg cement 1 Hr.
POH-2 Hrs. TIHw/bit & pace off plug @5150' - 3 1/2 Hrs.
CIRC-1 1/2 Hrs.
Daily cost - \$9850 Accum cost - \$821,372
cost to Csg PT=\$821,372

January 10, 1981

10,837' (0') 61 Set slips Wasatch
CIRC-1 1/2 Hr. LDDC - 3 1/2 Hrs. TIH-55 stds - 2 Hrs.
LDDP-4 Hrs. Run casing - 13 Hrs.
Daily cost - \$113,295 Accum Cost - \$934,667
Cost to csg pt - \$821,372

Ute #1-14
Section 14, T5S, R5W
Duchesne County, Utah

Page Tweleve

January 11, 1981

5,152'KB (0') 62 Rig released @2:00 P.M. 1-10-81
CIRC- 1 Hr. HOWCO cemented w/150sx 50-50 pos
2% gel 10% salt.
Plug down @12:50 A.M. 1-10-81 WOC-7 Hrs. Pickup BOP-3 Hr
set slips release rig @2:00 P.M. 1-10-81 Rig down
Ran 129 Jts 7" 29# K-55 casing to 5,152'KB
Daily cost - \$10,900 Cost to csg pt - \$840,272
Accum cost - \$945,567

January 12, 1981

Rig down wo/crane 63 days
Daily cost - \$7,500 Cost to csg pt-\$847,772
Accum Cost - \$953,067

January 13, 1981

Finish tearing down. 64 days Cost are corrected:
Daily cost - \$7,500 Accum Cost - \$928,298
Cost to csg. pt. - \$855,772

January 14, 1981

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January 15, 1981

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January 16, 1981

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January 17, 1981

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January 18, 1981

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January 19, 1981

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January 21, 1981

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January 24, 1981

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January 25, 1981

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January 26, 1981

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January 27, 1981

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January 28, 1981

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OLYMPIC EXPLORATION, INC.

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Denver, Colo. 80202

Phone 623-1500

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|------------|--|-----------|----------------------|
| OPERATOR | Cougar Exploration, Inc. | AREA | Brundage Canyon |
| WELL NAME | B.C. Ute #14-9 | COUNTY | Duchesne |
| LOCATION | NeSe Sec. 14, T5S-R5W 2371 FSL 1023 FEL | STATE | Utah |
| TYPE | Wildcat | SPUD DATE | 11/10/80 |
| CONTRACTOR | Denton Bros. Drlg. | ELEVATION | 6406 ungr GR 6418 KB |

| DATE | DEPTH | PROGRESS HISTORY |
|----------|-------|---|
| 4/4/81 | | POH, TIH w. new pmp. No C1, 1½'x5'. Natco, type RHBC, 2x1½x 12x13x 15, 103" stroke, double valve gas lock, breaker bushing. |
| 4/5/81 | | Pmp gas-locked dwn hole. |
| 4/6/81 | | Pmp gas-locked dwn hole. |
| 4/7/81 | | 42 BW/14 hr. Trace of oil TP-150#. Little gas. 55' stroke, 12 SPM. |
| 4/8/81 | | 6 B0 (new). No wtr, no gas. TP-110#. Unit-70#. |
| 4/9/81 | | No oil, 172 BW, 50# on well head. |
| 4/10/81 | | 24 B0, 0 BW, CP-80#. |
| 4/11/81 | | Shipping separator. |
| 4/12/81 | | 24.90 B0, 80# gas pressure on well-head. |
| →4/13/81 | | 26.56 B0, 200# gas pressure on well-head. |
| 4/14/81 | | 6.64 B0, flared 23.63 MCF. 15# on well head. |
| 4/15/81 | | SI to put in treater. |
| 4/16/81 | | SI |
| 4/17/81 | | 1.66 B0, flared 73.5 MCF. |
| 4/18/81 | | 4.98 B0, flared 60.0 MCF |
| 4/19/81 | | 6.64 B0, no gas. |
| 4/20/81 | | o oil, no gas. |
| 4/21/81 | | 8.3 B0, flared 16.800 MCF. |
| 4/22/81 | | 1.66 B0, flared 26,700 MCF. |
| 4/23/81 | | 16.60 B0, flared 38,600 MCF. |
| 4/24/81 | | 11.62 B0/24 hr. Flared 13.800 MCF. |
| 4/25/81 | | 14.94 B0, flared 91.200 MCF. |
| 4/26/81 | | 13.28 B0, flared 83.000 MCF. |
| 4/27/81 | | 8.30 B0, flared 83.900 MCF. |
| 4/28/81 | | 9.96 B0, flared 84.060 MCF. |

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Phone 623-1500

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|------------|--|-----------|----------------------|
| OPERATOR | Cougar Exploration, Inc. | AREA | Brundage Canyon |
| WELL NAME | Ute #1-14 | COUNTY | Duchesne |
| LOCATION | NeSe Sec. 14, T5S-R5W 2371 FSL 1023 FEL | STATE | Utah |
| TYPE | Wildcat | SPUD DATE | 11/10/80 |
| CONTRACTOR | Denton Bros. Drlg. | ELEVATION | 6406 ungr GR 6418 KB |

| DATE | DEPTH | PROGRESS HISTORY | <i>Green River formation</i> |
|---------------|-------|--|------------------------------|
| 1/29 -2/20/81 | | WOCT | |
| 2/21/81 | | 129 jts 7" 29# K55 to 5152' KB. 20' KB, PU 2 3/8" tubing. TIH w/ bit & scraper. SD for night. | |
| 2/22/81 | | POH bit & scraper. PU Petrolog. Ran CBL & Correl. log. Log of cmt @ 4750'. Perf. @ 4696'-4710'. 4 spf. TIH w/ tubing & Baker packer. | |
| 2/23/81 | | Set packer @ 4650'. RU Howco to spot acid for breakdwn. Press up to 3000# & broke around annulus. WO Howco to squeeze, set packer @ 4620'. Howco squeeze - 75 sx cmt through perf. Left 43' of cmt in 7" casing. WO cmt. SD for night. | |
| 2/24/81 | | WOC | |
| 2/25/81 | | Ran Bond log. 100% bond from 5150'-4774'. No cmt from 4774'-4614'. 100% bond from 4614'-4376'. Perf from 4696'-4710'. Broke dwn through perf @ 900 PSI. | |
| 2/26/81 | | Fluid level - 700' dwn fr surface. Ran tracer-survey & logged. Pulled 3 swabs, well blew out, unloaded hole, & died. | |
| 2/27/81 | | Fluid @ 700'. 3rd run fluid @ 3500'. Well unloaded & blew gas for 10 min. Fluid level @ 4550' on last run. Gas & oil increasing slightly. | |
| 2/28/81 | | Set packer @ 5100' w/ 9' perf. Swb 9 B fluid, 30% oil. | |
| 3/1/81 | | TP-700#. Opened well, gas blew 1 min. Unloaded 1/2 BO. Weak blow for 15 min. Oil slugs 10'-15' for 30 min. Used to weak gas blow. Fluid @ 3500'. Swb & rec 2 1/2 BO & gas. No wtr. 2nd run-1 1/2 same. 5 swbs, no rec. Weak gas. | |
| 3/2/81 | | SDFS | |
| 3/3/81 | | TP 0#, CP no guage. Tbg anchor 5112'. Seated nipple @ 5100', 9 ft perf below nipple. FL 700'. Swb 32 runs. Wtr w/slight gas. Last run 2 BO, 0 BW, 25' flare. SDFN. | |
| 3/4/81 | | TP-600#. CP-380#. Attmp orifice test. No test. RU swb. TIH 5100'. F @ 4300'. Rec 2 1/2 BO, 1 1/2 BW. Run #2 - 5100'. 1 BO, tr of wtr. Run #3 5100', 1 BO, unloaded w/ fair gas blow. TP & CP equalized. Reg orif test 1/8" choke. Gas depleted in 2 hr. Run #4 - 5100', 1 BO. Run #5 5100', 1/2 BO, oil & gas cut wtr. SI-1 hr. TP-50#. Run #6 - 5100', 1/2 Run #7 - 5100', no rec. SI well & released crews. | |
| 3/5/81 | | TP-60#, CP-60#. Pmp salt wtr in well to kill circ. & recover 3 BO. w/ tubing & anchor. TIH w/ packer, 145 jts 3 3/8". Seat in nipple. packer @ 4651', set 10,000#. Set slips. Press. test to 700#. SI & r crew. | |
| 3/6/81 | | TP-60#, CP-60#. RU swb, F1 @ 500'. 3 runs. Swb @ 4650'. RU to acid. Pmp 66" B of 15% acid. Brk dwn @ 1800#. Run 60 B, pmp 5 BPM. Press. incr to 2200#. SIP @ 800#. 5 min-500#, 10 min-400#, 15 min-300#. RD Howco. RU swb. 2 runs wtr. 3 runs acid. 1 run wtr & acid. 7 runs wt & gas. Runs 8-12 2/4 B gas. cut wtr, tr of oil. Run 13-1/2 B. Run 14- tr oil, wtr, & gas. W 1 hr. F1 @ 3800'. Run 15-3 B 850' oil, gas cu wtr. Run 16-1 B 250' oil & gas cut wtr. W 1/2 hr. Run 17-2 1/2 B gas cut oil & wtr. Runs 18 & 19-same as 17. Run 20-1/5 B gas cut oil & wtr. SI, release crew. This am-TP-150#, build up & blow oil. | |

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|------------|--|-----------|----------------------|
| OPERATOR | Cougar Exploration, Inc. | AREA | Brundage Canyon |
| WELL NAME | B.C. Ute #14-9 | COUNTY | Duchesne |
| LOCATION | NeSe Sec. 14, T5S-R5W 2371 FSL 1023 FEL | STATE | Utah |
| TYPE | Wildcat | SPUD DATE | 11/10/80 |
| CONTRACTOR | Denton Bros. Drlg. | ELEVATION | 6406 ungr GR 6418 KB |

| DATE | DEPTH | PROGRESS HISTORY |
|------|-------|------------------|
|------|-------|------------------|

| | | |
|---------|--|--|
| 3/7/81 | | Swabbing. Prep to frac. |
| 3/8/81 | | Fluid @ 3600'. TP-150#. 8 runs, 15 B0, 15 BW, fair gas blow. |
| 3/9/81 | | SDFS. |
| 3/10/81 | | SI 16 hr., swb 8 B0/5 hr. |
| 3/11/81 | | Swb 10 B0. |
| 3/12/81 | | Seb 14 B0. Prep to frac on 3/14/81 |
| 3/13/81 | | TP-2000#. Blew well dwn & rec gas only. RU to swab. 13 runs, rec 11.2 B0 + gas |
| 3/14/81 | | TP-1400#. Open well to pit. Gas only. 3 swbs-no fluid. 7 swbs-5 B0 & gas. |
| 3/15/81 | | Frac. |
| 3/16/81 | | Swb diesel frac. |
| 3/17/81 | | TP-500#. Open well, blew for 20 min. Swb 16 runs. Rec 86 B diesel & oil. <u>230 B left to recover</u> |
| 3/18/81 | | Running rubing & rods. Will HU pmp unit today. |
| 3/19/81 | | Ran tubing string. Packer set @ 4684'. Putting on pmp. |
| 3/20/81 | | RU pmp unit. |
| 3/21/81 | | RU pmp unit. Unit needs more weight. |
| 3/22/81 | | WO weights for pmp unit. |
| 3/23/81 | | WO weights for pmp unit. |
| 3/24/81 | | WO weights for pmp unit. |
| 3/25/81 | | WO engine. |
| 3/26/81 | | 2 Bbl oil & wtr. Pmp 6 hr. |
| 3/27/81 | | WO bearing. |
| 3/28/81 | | WO bearing for pmp unit. |
| 3/29/81 | | Install bearing. Str pmp @ 11:30 am. Pmp 45 B0, 58 BW/18 hr. |
| 3/30/81 | | 42 B0, 70# on separator. |
| 3/31/81 | | 25 B0 |
| 4/1/81 | | Put chemical in well to separate wtr. |
| 4/2/81 | | 25 B0, gasing 24 hr. |
| 4/3/81 | | 26 B0 recovered. Pmp dwn hole 140 BW; pmp stuck open. |

Not production

January 29, 1981

Form DOGC-4

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

State Lease No. _____
Federal Lease No. _____
Indian Lease No. 14-20-H62-3423
Fee & Pat. _____

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE BIA

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
January, 19 81

Agent's Address 1 Denver Place
999 18th St., Ste. 1260
Denver, CO 80202
Company Cougar Exploration
Signed Alison G. Henning
Title Administrator
Phone No. (303) 623-1500

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|---------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| NeSe Sec. 14 | 5S | 5W | 1 | | | | | | | TD- 10,837' reached 1/7/81 WOCT rest of month |

RECEIVED
FEB 2 1981
DIVISION OF OIL & GAS CONSERVATION

GAS: (MCF)
Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. 14-20-H6Z-3423
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE BIA

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
December, 1980

Agent's Address 1 Denver Place Company Cougar Exploration
999 18th St., Ste. 1260 Signed Alison G. Henning
Denver, CO 80202 Title Administrator
 Phone No. (303) 623-1500

| Sec. and 1/4 of 1/4 | Twp. | Range | Well No. | Days Produced | Barrels of Oil | Gravity | Cu. Ft. of Gas (In thousands) | Gallons of Gasoline Recovered | Barrels of Water (if none, so state) | REMARKS (if drilling, depth; if shut down, ce date and result of test for gasoline content of gas) |
|---------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| NeSe Sec. 14 | 5S | 5W | 1 | | | | | | | Drlg @ 10,068' (1st report submitted) SPud- 12-80 |

new

FEB 3 1981
 DIVISION OF OIL, GAS & MINING

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

March 31, 1981

Cougar Exploration
999 18th Street, Suite 1260
Denver, Colorado 80202

Re: Well No. #14-9
Sec. 14, T. 5S. R. 5W.
Duchesne County, Utah

Gentlemen:

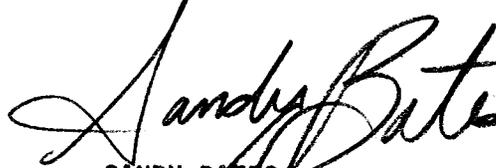
This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulation.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

A handwritten signature in cursive script that reads "Sandy Bates". The signature is written in black ink and is positioned above the typed name and title.

SANDY BATES
CLERK-TYPIST

Alison G. Henning
Geologic Technician

April 3, 1981

Sandy Bates
State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

File:FIP-11-400.1

B.C. Ute #14-9, NeSe Section 14, T5S-R5W, Duchesne Ct., Utah

This is in response to your letter of March 31, stating that the Completion Report and Log for the above-mentioned well is due and has not been filed.

This well has not yet finished completion operations, but upon completion, the report will be filed.

Sincerely,

Alison G. Henning
Alison G. Henning

RECEIVED
APR 6 1981
DIVISION OF
OIL, GAS & MINING



OLYMPIC EXPLORATION INC.

1 Denver Place 999 18th St., Suite 1260
Denver, Colorado 80202 • Phone 623-1500

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

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

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Cougar Exploration *Casper office 307-233-0412 Dwyer*

3. ADDRESS OF OPERATOR
999 18th St., Ste. 1260 Denver, CO 80202 *303-623-1500*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1023' FEL 2371' FSL NeSe *Dwyer*

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-3054 DATE ISSUED 8/18/80

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Burndage sign

9. WELL NO.

#149

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 14, T5S-R5W, USB&M

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUDDED 11/10/80 16. DATE T.D. REACHED 1/7/81 17. DATE COMPL. (Ready to prod.) 4/12/81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6406' GR 6426.5' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10,837' TVD 21. PLUG, BACK T.D., MD & TVD 5,152' TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4676'-4710' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED
Duel Laterolog, FDC, CBL, Electrical Log *sample* No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 13 3/8" | Conductor pipe | 43' | 15" | 50 sx | |
| 9 5/8" | 43.5# | 1258' | 12 1/4" | 555 sx | |
| 7" | 29# | 5152' | 8 3/4" | 150 sx | |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | | |
|------------------|----------|-------------|---------------|-------------------|--------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 3 3/8" | 5152' | 4650' |

| 31. PERFORATION RECORD (Interval, size and number) | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
|--|-------|--|----------------------------------|
| INTERVAL | SIZE | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
| 4696'-4710' | 4 SPF | 4696'-4710' | 2772 gal of 15% acid |

| 33.* PRODUCTION | | | | | | | |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 4/13/81 | | Pumping No. C1, 1 1/2'x5', Natco, type RHBC | | | | Producing | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. v | WATER—BBL. | GAS-OIL RATIO |
| 4/14/81 | 24 | | → | 6.64 | 23.63 | | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| | | → | 10 | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared Has not yet been hooked to gas ln. TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Duel Laterolog, FDC, CBL, Electrical Log - 2 cc each Chronological report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *Alison Henning* TITLE Administrator DATE

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

INSTRUCTIONS

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

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

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

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

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|-----|--------|-----------------------------|
| | | | |

38. GEOLOGIC MARKERS

| NAME | MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|-------------|--------------|-------------------------|
| Green River | Surface | |
| Wasatch | 5750' | |
| Mesa Verde | 10500' (est) | |

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY (FORM 9-329) (2/76) OMB 42-RO 356

Lease No. 14-20-H62- Communitization Agreement No. Field Name Undesignated Unit Name Participating Area County Duchesne State Utah Operator Cougar Exploration

MONTHLY REPORT OF OPERATIONS

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 1981

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Table with 10 columns: Well No., Sec. & 1/4 of 1/4, TWP, RNG, Well Status, Days Prod., *Barrels of Oil, *MCF of Gas, *Barrels of Water, Remarks. Row 1: #1-14 (#14-9), NeSe Sec.14, 5S, 5W, Completing, 3/1/81 Swb, 3/15/81 Frac, 3/23/81 WO bearings for pmp unit, 3/29/81 Install bearings, (Pmp was replaced 4/4/81)

APR 27 1981 DIVISION OF OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

Table with 3 columns: Oil & Condensate (BBLs), Gas (MCF), Water (BBLs). Rows include: *On hand, Start of Month, *Produced, *Sold, *Spilled or Lost, *Flared or Vented, *Used on Lease, *Injected, *Surface Pits, *Other (Identify), *On hand, End of Month, *API Gravity/BTU Content.

Authorized Signature: Alison Henning Address: 999 18th St. Ste. 1260 Denver, CO 80202 Title: Administrator Page of

May 1, 1981

Cougar Exploration
999 18th Street, Suite 1260
Denver, Colorado 80202

Re: Well No. Brundage Canyon
Sec. 14, T. 5S. R. 5E.
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 4-29-81, from above referred to well indicates the following electric logs were run: DUAL LATEROLOG, FDC, CBL, ELECTRICAL LOG. As of today's date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST

2
9

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

Not Known

8. FARM OR LEASE NAME

Gavilan Petroleum, Inc.

9. WELL NO.

14-9

10. FIELD AND POOL, OR WILDCAT

Green River

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

55 SW Sec. 14

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

RECEIVED
APR 04 1986

DIVISION OF
OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Gavilan Petroleum, Inc.

3. ADDRESS OF OPERATOR

1344 W. Hwy 40 Vernal, Utah 84078

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

2056' FEL 1516' FSL
237' FSL 1023' FEL

14. PERMIT NO.

43-013-3054

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

6406'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Status Report

(Other) Reclaim Reserve Pit

(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.)*

This Sundry Notice succeeds a letter dated 12-17-85 by Mr. Ronald S. Trogstad, area manager for the Diamond Mountain Resource Area.

On approximately 12-18-85 the tank battery was dismantled, as it showed poor design in our opinions. Equipment was stored on location. On 12-27-85 recoverable fluids were removed from the reserve pit and placed in the 14-9A reserve pit. On 1-14-86 sucker rods and tubing were removed from subject well to be used in the 14-9A Well. On 1-9-86, Westburne staked rig #58 on location. On 3-4-86 a complete sign was placed on lease.

General cleanup of the location and reclamation of the reserve pit will take place between 4-7-86 and 4-11-86. Pending steady-state production from the 14-9A Well. Intentions are to either utilize the 14-9 as a disposal well for gas and water or plug and abandon. We will follow up our intentions in the very near future.

Thank you!

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

SIGNED Scott J. Seaby

TITLE Operations Manager

DATE 4-2-86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

GAVILAN PETROLEUM, INC.

P.O. Box 6107
Salt Lake City, Utah 84106

1997 South 1100 East
Salt Lake City, Utah 84106
(801) 484-0942

092301

September 18, 1986

RECEIVED
SEP 22 1986

State of Utah
Division of Oil, Gas & Mining
3 Triad Center- Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

**DIVISION OF
OIL, GAS & MINING**

Attention: Ms. Claudia Jones

Re: Tabby Canyon Ute Tribal 14-9
Section 14, T.5S., R.5W.,
Duchesne County, Utah

Dear Ms. Jones:

Gavilan Petroleum, Inc. has become the Operator on the above mentioned well. We acquired the lease on February 26, 1986.

According to our records, Cougar abandoned this well approximately December of 1982. We wish to inform you of this action. Would you please send required production forms so we may update this well.

Sincerely,

JoAnn Riddle

JoAnn Riddle
Production Clerk

Enclosure

cc: Bureau of Land Management

CC: J.R. BAZA
DTS
9-23-86

GAVILAN PETROLEUM, INC.

P.O. Box 6107
Salt Lake City, Utah 84106

2180 South 1300 East
Salt Lake City, Utah 84106
(801) 484-0942

RECEIVED
JAN 21 1987

January 20, 1987

DIVISION OF
OIL, GAS & MINING

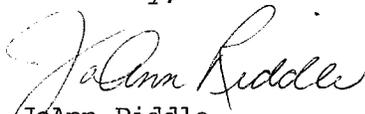
Ms. Pam Kenna
State of Utah
Division of Oil, Gas & Mining
3 Triad Center-Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Re: Tabby Canyon Ute Tribal 14-9
Section 14, T.5S., R.5W.
Duchesne County, Utah

Dear Ms. Kenna:

Please hold all information confidential regarding conversion of subject well to gas injection well.

Sincerely,


JoAnn Riddle
Production Clerk

/j

Enclosure

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

| | | |
|---|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-3423 |
| 2. NAME OF OPERATOR Gavilan Petroleum, Inc. | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute |
| 3. ADDRESS OF OPERATOR 1680 West Hwy 40, Suite 1230 | | 7. UNIT AGREEMENT NAME Not Known |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2056' FEL 1516; FSL | | 8. FARM OR LEASE NAME Gavilan Petroleum, Inc. |
| 14. PERMIT NO. 43-013-3054 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6406' GR | 9. WELL NO. 14-9 |
| | | 10. FIELD AND POOL, OR WILDCAT GreenRiver |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T.5S., R.5W., |
| | | 12. COUNTY OR PARISH Duchesne |
| | | 13. STATE Utah |

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

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

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

Please hold all information CONFIDENTIAL regarding conversion of subject well to gas injection well.

CONFIDENTIAL

RECEIVED
JAN 21 1987
DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct
SIGNED Scott J. Seebj TITLE Operations Manager DATE 1-20-87
(This space for Federal or State office use)

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

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

012818

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

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

January 28, 1987

Gavilan Petroleum Incorporated
P.O. Box 6107
Salt Lake City, Utah 84106

Gentlemen:

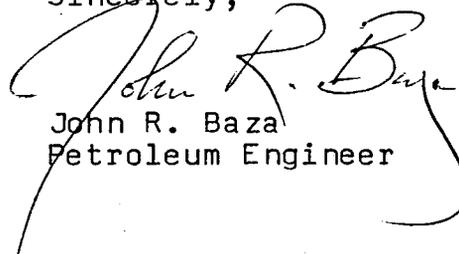
RE: Ute Tribal Well No. 14-9, Sec.14, T.5S, R.5W,
Duchesne County, Utah

The Division of Oil, Gas and Mining recently received a request that all information be held confidential regarding conversion of the subject well to a gas injection well. According to current Utah statute, this information cannot be held confidential. The only information which this Division considers confidential are well logs or other geological or geophysical information which are submitted upon initial completion or recompletion of a well. Therefore, your request to hold this information confidential is denied.

Approval of injection well applications may be performed administratively as described in Section V of the Oil and Gas Conservation General Rules. Such approvals are a matter of public record and are subject to certain public notice requirements as described in the rules. For this reason, information obtained as part of an injection well application also cannot be held confidential.

Please contact me or Mr. Gil Hunt, UIC Program Manager if you have any further questions concerning this matter.

Sincerely,



John R. Baza
Petroleum Engineer

sb
cc: D. R. Nielson
R. J. Firth
Gil Hunt
Well File
0258T-80



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 11, 1987

Mr. Scott Seeby
Gavilan Petroleum, Inc.
1680 West Hwy 40, Suite 1230
Vernal, Utah 84078

Dear Mr. Seeby:

I have enclosed pertinent forms which need to be submitted to this office regarding the injection operations of the Cougar 14-9 gas storage well. You may submit the notification of commencement of injection on a regular sundry form. The notification of the commencement should include the date of first injection.

Monthly injection reports should be filed with this office within 30 days following the end of each month on form DOGM-UIC-3 or other company form containing the same information in a usable form. I have also enclosed a set of the newly revised Oil and Gas Conservation Rules. Rules R615-5, and R615-8-17 through R615-8-22 are the rules which relate specifically to injection operations in Utah.

If there are any questions regarding the proper submittal of these reports, please contact the UIC staff at (801)538-5340.

Sincerely,

Dorothy B. Swindel

Dorothy B. Swindel
UIC Geologist

mfp
Enclosures
0256U/46

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILLS WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

* Well name change, 3-18-81
 * Operator name change 9-18-86

DATE FILED 8-11-80

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. INDIAN 14-20-H62-

DRILLING APPROVED: 8-22-80 3423

SPUDED IN: 11-10-80

COMPLETED: 4-21-80 POW PUT TO PRODUCING: 4-13-81

INITIAL PRODUCTION: 10 BOP/D; 24MCF/D.

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: 6 RRV

TOTAL DEPTH: 10,837

WELL ELEVATION: 6426.5 KB

DATE ABANDONED:

FIELD: ~~WILDCAT~~ Brundage Canyon 6/86

UNIT:

COUNTY: DUCHESNE

WELL NO. UTE # ~~14-9~~ 14-9

API NO. 43-013-30541

LOCATION 2371' FT. FROM (N) (S) LINE. 1023' FT. FROM (E) (W) LINE. NE SE 1/4 - 1/4 SEC. 14

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR |
|------|------|------|---------------|------|------|------|----------------------------|
| 5S | 5W | 14 | Tanilan Petro | 5N | 5E | 14 | COUGAR EXPLORATION Olympic |

X

GEOLOGIC TOPS:

| | | | |
|----------------------------|-----------------|------------------|-------------------|
| QUATERNARY | Star Point | Chinle | Molas |
| Alluvium | Wahweap | Shinarump | Manning Canyon |
| Lake beds | Masuk | Moenkopi | Mississippian |
| Pleistocene | Colorado | Sinbad | Humbug |
| Lake beds | Sego | PERMIAN | Brazer |
| TERTIARY | Buck Tongue | Kaibab | Pilot Shale |
| Pliocene | Castlegate | Coconino | Madison |
| Salt Lake | Mancos | Cutler | Leadville |
| Oligocene | Upper | Hoskinnini | Redwall |
| Norwood | Middle | DeChelly | DEVONIAN |
| Eocene | Lower | White Rim | Upper |
| Duchesne River | Emery | Organ Rock | Middle |
| Uinta | Blue Gate | Cedar Mesa | Lower |
| Bridger | Ferron | Halgaite Tongue | Ouray |
| Green River Surface | Frontier | Phosphoria | Elbert |
| | Dakota | Park City | McCracken |
| | Burro Canyon | Rico (Goodridge) | Aneth |
| | Cedar Mountain | Supai | Simonson Dolomite |
| | Buckhorn | Wolfcamp | Sevy Dolomite |
| Wasatch 5750 | JURASSIC | CARBON I FEROUS | North Point |
| Stone Cabin | Morrison | Pennsylvanian | SILURIAN |
| Colton | Salt Wash | Oquirrh | Laketown Dolomite |
| Flagstaff | San Rafael Gr. | Weber | ORDOVICIAN |
| North Horn | Summerville | Morgan | Eureka Quartzite |
| Almy | Bluff Sandstone | Hermosa | Pogonip Limestone |
| Paleocene | Curtis | | CAMBRIAN |
| Current Creek | Entrada | Pardox | Lynch |
| North Horn | Moab Tongue | Ismay | Bowman |
| CRETACEOUS | Carmel | Desert Creek | Tapeats |
| Montana | Glen Canyon Gr. | Akah | Ophir |
| Mesaverde 10500 | Navajo | Barker Creek | Tintic |
| Price River | Kayenta | | PRE-CAMBRIAN |
| Blackhawk | Wingate | Cane Creek | |
| | TRIASSIC | | |

LEGAL HIGHLIGHTS

- 7-10-86 Petition submitted to the Department of Natural Resources, State of Utah to permit the injection of excess natural gas into the Cougar 14-9 Well.
- 8-28-86 Hearing conducted before The Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah.
- 9-26-86 Conditional Approval received from the Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah. Conditional upon approval by the Ute Indian Tribe and United States Bureau of Land Management.
- 12-17-86 Amendment to Oil and Gas Mining Lease and Access Agreement signed and approved by the Ute Indian Tribe and United States Bureau of Indian Affairs.
- 1- 4-87 Approval received from the Vernal Office of the United States Bureau of Land Management.

OPERATIONAL HIGHLIGHTS

- 1- 5-87 Estimated excess natural gas volume available to inject from both wells is 60 MCFD. Tabby Canyon Ute Tribal 14-9A. Upon petition - 110 MCFD. This date - 40 MCFD. Tabby Canyon Ute Tribal 5-13 Upon petition - 190 MCFD. This date - 20 MCFD.
- 3- 6-87 Installed Ajax C-42 and Ajax DPC - 60 Compressors on location. Maximum capacity of compressors 150 MCFD. Maximum working pressure of compressors 1,500 psi. Total fuel consumption of compressors is 0.77 MCF/HR.
- 3-11-87 First date of injection into the Cougar 14-9 Well. Using excess gas from the Tabby Canyon Ute Tribal 14-9A Well. Please see all monthly injection reports for details.

Commencement

GAVILAN PETROLEUM, INC.

4885 South 900 East, Suite 305
Salt Lake City, Utah 84117
(801) 263-8685

September 4, 1987

Ms Dorothy B. Swindel
State of Utah
Natural Resources
Oil Gas & Mining
355 West North Temple
3 Triad Center Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Swindel:

Please find enclosed the injection operations update on the Cougar 14-9 gas storage well.

Sincerely,

Scott J. Seeby

Scott J. Seeby
Operations Manager

SS:jr

Enclosure

cc: Mr. Jack Higley
Mr. Jerry Kenczka
Mr. Wes Pittengil
Mr. Lee Sammis
Mr. Steve Taylor
Mr. Darrel Travis
Mr. Doug Thamer
Mr. Dennis Weisgerber

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO

14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

Not Known

8. FARM OR LEASE NAME

Gavilan Petroleum, Inc.

9. WELL NO.

14-9

10. FIELD AND POOL, OR WILDCAT

Green River

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

Sec. 14, T.5S., R.5W.

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER Gas Injection Well

2. NAME OF OPERATOR

Gavilan Petroleum, Inc.

3. ADDRESS OF OPERATOR

1680 West Hwy. 40, Suite 1230, Vernal, Utah 84078

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

2056' FEL 1516' FSL

14. PERMIT NO.

43-013-3054

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

6406'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Status Report

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.)*

Please see attached Report!

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

SIGNED Scott J. Sieby

TITLE Operations Manager

DATE September 4, 1987

(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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- 3- 6-87 Installed Ajax C-42 and Ajax DPC - 60 Compressors on location. Maximum capacity of compressors 150 MCFD. Maximum working pressure of compressors 1,500 psi. Total fuel consumption of compressors is 0.77 MCF/HR.
- 3-11-87 First date of injection into the Cougar 14-9 Well. Using excess gas from the Tabby Canyon Ute Tribal 14-9A Well. Please see all monthly injection reports for details.

September 4, 1987

Page 2

- 6-29-87 Left Ajax C-42 in place. Installed Joy Model WB-9 Compressor powered by a Waukesha model VRG-310 gas engine. Maximum capacity of Compressors 150 MCFD. Maximum working pressure of installed Compressor 4,000 psi.
- 6-30-87 Resumed injection operations. Please see Monthly Injection Reports for further details.

Please be advised that volumes reported on the Monthly Injection Report are chart estimated. Hours reported are relative to the attending field personnel. This does not always reflect a twenty-four day.

MONTHLY INJECTION REPORT

MARCH 1987

OPERATOR: Gavilan Petroleum, Inc.
 ADDRESS: 1680 West Hwy. 40, Suite 1230
 WELL: Cougar 14-9
 SECTION: 14 TOWNSHIP: 5S. RANGE: 5W.

TELEPHONE: 801-789-4666
 CITY: Vernal
 FIELD: Tabby Canyon
 LEASE: 14-20-H62-3423

STATE: Utah
 COUNTY: Duchesne

| DAY | HOURS | VOLUME INJECTED | TUBING PRESSURE | ANNULUS PRESSURE | DISCHARGE TEMPERATURE | REMARKS-COMMENTS |
|-----|-------|-----------------|-----------------|------------------|-----------------------|--|
| 1 | | | | | | Design For Compressors |
| 2 | | | | | | Prepare Location Plan |
| 3 | | | | | | Organize Contractors |
| 4 | | | | | | Load Compressors In Texas |
| 5 | | | | | | Construct Compressor Pads |
| 6 | | | | | | Set Ajax C-42 And Ajax DPC-60 |
| 7 | | | | | | Construct 2" Gas Lines. |
| 8 | | | | | | Construct 2" Gas Lines. |
| 9 | | | | | | Construct 2" Gas Lines. |
| 10 | | | | | | Construct 1" Lines On Comp's |
| 11 | 3.0 | 2.2 mcf | 750 psi | 0 psi | - | Start Injection With C-42 |
| 12 | .0 | 0.0 | 750 | 0 | - | Install 100 lb Barton Recorder |
| 13 | 15.0 | 4.1 | 900 | 0 | - | Ajax C-42 And DPC-60 Running |
| 14 | 22.0 | 7.6 | 0 | 0 | - | Check Valves Failed. Lost Pressure |
| 15 | 17.2 | 15.4 | 750 | 0 | - | Ajax C-42 Running |
| 16 | 23.0 | 6.0 | 1250 | 0 | - | Ajax C-42 And DPC-60 Running |
| 17 | 2.5 | 0.7 | 0 | 0 | - | Lost Pressure. Install By-Pass. At. W.H. |
| 18 | 0 | 0 | 1250 | 0 | - | At Allowable Working Pressure |
| 19 | 0 | 0 | 0 | 0 | - | By-Pass Cooler On Ajax DPC-60 |
| 20 | 0 | 0 | 1250 | 0 | - | " " " " " " " |
| 21 | 29.0 | 5.0 | 1250 | 0 | 180°F | Ajax C-42 And DPC-60 Running |
| 22 | 10.0 | 1.7 | 1340 | 0 | 175 | Allowable Working Press.-1500Psi |
| 23 | 27.0 | 6.5 | 1340 | 0 | 183 | |
| 24 | 26.5 | 6.6 | 1340 | 0 | 177 | |
| 25 | 12.5 | 3.1 | 1320 | 0 | - | Compressors Down-Mechanical |
| 26 | 25.0 | 9.0 | 1320 | 0 | 182 | |
| 27 | 24.0 | 13.4 | 1340 | 0 | 191 | |
| 28 | 8.0 | 6.8 | 1340 | 0 | - | Compressor Down. DPC-60, Blown Gasket |
| 29 | 0 | 0 | 1340 | 0 | - | Repair Compressors " |
| 30 | 22.3 | 11.2 | 1340 | 0 | 165 | |
| 31 | 20.0 | 11.9 | 1340 | 0 | - | Compressors Down. DPC-60, Jacket Temp. |

HOURS INJECTED: 204.3
 VOLUME INJECTED: 75.2 Mcf

MONTHLY INJECTION REPORT
APRIL 1987

OPERATOR: Gavilan Petroleum, Inc.
 ADDRESS: 1680 West Hwy. 40, Suite 1230
 WELL: Cougar 14-9
 SECTION: 14 TOWNSHIP: 5S. RANGE: 5W.

TELEPHONE: 801-789-4666
 CITY: Vernal STATE: Utah
 FIELD: Tabby Canyon COUNTY: Duchesne
 LEASE: 14-20-H62-3423

| DAY | HOURS | VOLUME INJECTED | TUBING PRESSURE | ANNULUS PRESSURE | DISCHARGE TEMPERATURE | REMARKS-COMMENTS |
|-----|-------|--------------------|--------------------|---------------------|--------------------------|---------------------------------------|
| 1 | 20.0 | 12.5 mcf | 1340 psi | 0 psi | 180°F | Compressor Down. DPC-60, Jacket Temp. |
| 2 | 3.5 | 2.0 | 1350 | 0 | - | " " " " " |
| 3 | 23.8 | 11.6 | 1475 | 0 | - | Compressor Down On High Discharge |
| 4 | 25.3 | 16.7 | 1475 | 0 | 173 | Max Allowable Press-1,500 psi. |
| 5 | 22.7 | 19.2 | 1475 | 0 | 190 | |
| 6 | 23.7 | 24.5 | 1475 | 0 | 185 | |
| 7 | 24.3 | 34.9 | 1475 | 0 | 185 | |
| 8 | 16.0 | 24.4 | 1500 | 0 | - | Compressor Down On High Discharge. |
| 9 | 25.0 | 34.4 | 1475 | 0 | 183 | |
| 10 | 24.6 | 33.9 | 1475 | 0 | 180 | |
| 11 | 25.0 | 25.9 | 1350 | 0 | 185 | |
| 12 | 20.4 | 21.1 | 1410 | 0 | 185 | |
| 13 | 25.7 | 29.9 | 1480 | 0 | 180 | |
| 14 | 5.2 | 7.7 | 1480 | 0 | - | Compressor Down On High Discharge. |
| 15 | 0 | 0 | 1480 | 0 | - | Shut-In Let Pressure Fall. |
| 16 | 7.0 | 5.4 | 1400 | 0 | - | Compressors Back On Line. |
| 17 | 26.8 | 23.7 | 1440 | 0 | 175 | |
| 18 | 18.7 | 15.4 | 1250 | 0 | - | Compressor Down On High Discharge. |
| 19 | 1.0 | 0 | 1410 | 0 | - | " " " " " |
| 20 | 1.0 | 0 | 1300 | 0 | - | " " " " " |
| 21 | 3.0 | 2.5 | 1320 | 0 | - | " " " " " |
| 22 | 0 | 0 | 1350 | 0 | - | Shut-In Let Pressure Fall. |
| 23 | 1.0 | 1.2 | 1350 | 0 | - | Compressor Down On High Discharge. |
| 24 | 1.0 | 1.2 | 1350 | 0 | - | " " " " " |
| 25 | 2.0 | 1.5 | 1350 | 0 | - | " " " " " |
| 26 | 2.0 | 1.5 | 1400 | 0 | - | " " " " " |
| 27 | 0 | 0 | 1400 | 0 | - | Shut-In Let Pressure Fall. |
| 28 | 0 | 0 | 1350 | 0 | - | " " " " " |
| 29 | 0 | 0 | 1350 | 0 | - | Compressors Back On Line. |
| 30 | 27.0 | 8.8 | 1350 | 0 | - | Compressors Down On High Discharge. |

HOURS INJECTED: 375.7
 VOLUME INJECTED: 359.9 Mcf

MONTHLY INJECTION REPORT

MAY 1987

OPERATOR: Gavilan Petroleum, Inc.
 ADDRESS: 1680 West Hwy. 40, Suite 1230
 WELL: Cougar 14-9
 SECTION: 14 TOWNSHIP: 5S. RANGE: 5W.

TELEPHONE: 801-789-4666
 CITY: Vernal STATE: Utah
 FIELD: Tabby Canyon COUNTY: Duchesne
 LEASE: 14-20-H62-3423

| DAY | HOURS | VOLUME INJECTED | TUBING PRESSURE | ANNULUS PRESSURE | DISCHARGE TEMPERATURE | REMARKS-COMMENTS |
|-----|-------|-----------------|-----------------|------------------|-----------------------|-------------------------------------|
| 1 | 0 | 0 mcf | 1300 psi | 0 psi | - °F | Shut-In Let Pressure Fall. |
| 2 | 0 | 0 | 1300 | 0 | - | " " " " " |
| 3 | 23.2 | 8.9 | 1400 | 0 | 175 | Compressors Back On Line. |
| 4 | 21.3 | 13.2 | 1460 | 0 | 185 | |
| 5 | 6.0 | 5.0 | 1400 | 0 | - | Down On High Discharge Press. |
| 6 | 5.0 | 2.4 | 1400 | 0 | - | " " " " " |
| 7 | 0 | 0 | 1280 | 0 | - | Shut-In Let Pressure Fall. |
| 8 | 0 | 0 | 1250 | 0 | - | " " " " " |
| 9 | 0 | 0 | 1250 | 0 | - | Compressors Off Rental. |
| 10 | 0 | 0 | 1250 | 0 | - | Shut-In Until Further Notice. |
| 11 | 0 | 0 | 1220 | 0 | - | Design For High Pressure Compressor |
| 12 | 0 | 0 | 1220 | 0 | - | " " " " " |
| 13 | 0 | 0 | 1220 | 0 | - | " " " " " |
| 14 | 0 | 0 | 1220 | 0 | - | " " " " " |
| 15 | 0 | 0 | 1220 | 0 | - | Accept Compressor Bids. |
| 16 | 0 | 0 | 1220 | 0 | - | |
| 17 | 0 | 0 | 1220 | 0 | - | |
| 18 | 0 | 0 | 1210 | 0 | - | |
| 19 | 0 | 0 | 1210 | 0 | - | |
| 20 | 0 | 0 | 1210 | 0 | - | |
| 21 | 0 | 0 | 1210 | 0 | - | |
| 22 | 0 | 0 | 1210 | 0 | - | |
| 23 | 0 | 0 | 1200 | 0 | - | |
| 24 | 0 | 0 | 1200 | 0 | - | |
| 25 | 0 | 0 | 1200 | 0 | - | |
| 26 | 0 | 0 | 1200 | 0 | - | |
| 27 | 0 | 0 | 1200 | 0 | - | |
| 28 | 0 | 0 | 1200 | 0 | - | Order High Pressure Compressor |
| 29 | 0 | 0 | 1200 | 0 | - | Tidewater Preparing Compressor |
| 30 | 0 | 0 | 1200 | 0 | - | |
| 31 | 0 | 0 | 1200 | 0 | - | |

HOURS INJECTED: 55.5
 VOLUME INJECTED: 29.5 Mcf

MONTHLY INJECTION REPORT
JUNE 1987

OPERATOR: Gavilan Petroleum, Inc.
ADDRESS: 1680 West Hwy. 40, Suite 1230
WELL: Cougar 14-9
SECTION: 14 TOWNSHIP: 5S. RANGE: 5W.

TELEPHONE: 801-789-4666
CITY: Vernal
FIELD: Tabby Canyon
LEASE: 14-20-H62-3423

STATE: Utah
COUNTY: Duchesne

| DAY | HOURS | VOLUME INJECTED | TUBING PRESSURE | ANNULUS PRESSURE | DISCHARGE TEMPERATURE | REMARKS-COMMENTS |
|-----|-------|-----------------|-----------------|------------------|-----------------------|--|
| 1 | 0 | 0 | 1200 psi | 0 psi | - °F | Tidewater Preparing Compressor |
| 2 | 0 | 0 | 1200 | 0 | - | |
| 3 | 0 | 0 | 1200 | 0 | - | |
| 4 | 0 | 0 | 1170 | 0 | - | |
| 5 | 0 | 0 | 1170 | 0 | - | |
| 6 | 0 | 0 | 1170 | 0 | - | |
| 7 | 0 | 0 | 1170 | 0 | - | |
| 8 | 0 | 0 | 1170 | 0 | - | |
| 9 | 0 | 0 | 1160 | 0 | - | |
| 10 | 0 | 0 | 1160 | 0 | - | |
| 11 | 0 | 0 | 1160 | 0 | - | |
| 12 | 0 | 0 | 1160 | 0 | - | |
| 13 | 0 | 0 | 1150 | 0 | - | |
| 14 | 0 | 0 | 1110 | 0 | - | |
| 15 | 0 | 0 | 1110 | 0 | - | |
| 16 | 0 | 0 | 1110 | 0 | - | |
| 17 | 0 | 0 | 1110 | 0 | - | |
| 18 | 0 | 0 | 1110 | 0 | - | |
| 19 | 0 | 0 | 1110 | 0 | - | |
| 20 | 0 | 0 | 1110 | 0 | - | |
| 21 | 0 | 0 | 1110 | 0 | - | |
| 22 | 0 | 0 | 1110 | 0 | - | |
| 23 | 0 | 0 | 1110 | 0 | - | |
| 24 | 0 | 0 | 1110 | 0 | - | |
| 25 | 0 | 0 | 1110 | 0 | - | |
| 26 | 0 | 0 | 1110 | 0 | - | |
| 27 | 0 | 0 | 1100 | 0 | - | |
| 28 | 0 | 0 | 1100 | 0 | - | High Pressure Compressor Shipped |
| 29 | 0 | 0 | 1050 | 0 | - | Install Waukesha - Joy Compressor |
| 30 | 2.5 | 1.9 | 1050 | 0 | 200°F | Joy Down On Compressor Oil Allowable Pressure Is 4,000 psi. |

HOURS INJECTED: 2.5
VOLUME INJECTED: 1.9 Mcf

MONTHLY INJECTION REPORT

JULY 1987

OPERATOR: Gavilan Petroleum, Inc.
 ADDRESS: 1680 West Hwy. 40, Suite 1230
 WELL: Cougar 14-9
 SECTION: 14 TOWNSHIP: 5S. RANGE: 5W.

TELEPHONE: 801-789-4666
 CITY: Vernal STATE: Utah
 FIELD: Tabby Canyon COUNTY: Duchesne
 LEASE: 14-20-H62-3423

| DAY | HOURS | VOLUME INJECTED | TUBING PRESSURE | ANNULUS PRESSURE | DISCHARGE TEMPERATURE | REMARKS-COMMENTS |
|-----|-------|-----------------|-----------------|------------------|-----------------------|------------------------------------|
| 1 | 7.0 | 0.5 mcf | 1010 psi | 0 psi | 220°F | Joy Venting Gas From Cylinder. |
| 2 | 12.0 | 4.4 | 1020 | 0 | 220 | " " " " " |
| 3 | 4.5 | 1.1 | 1020 | 0 | - | Joy Down On Compressor Oil. |
| 4 | 8.4 | 6.1 | 700 | 0 | - | Ran Ajax-42 To Build Pressure. |
| 5 | 0 | 0 | 1050 | 0 | - | Shut-In Joy Unit Not Compressing. |
| 6 | 0 | 0 | 1050 | 0 | - | " " " " " |
| 7 | 0 | 0 | 1080 | 0 | - | Tidewater Working On Joy Unit. |
| 8 | 21.0 | 2.2 | 1340 | 0 | - | Joy Venting Gas From Cylinder. |
| 9 | 27.0 | 4.0 | 1340 | 0 | 265 | Joy Leaking Oil From Cylinder. |
| 10 | 22.0 | 9.7 | 1340 | 0 | 265 | Tidewater Working On Compressor. |
| 11 | 34.0 | 31.1 | 1340 | 0 | 225 | " " " " " |
| 12 | 14.5 | 13.3 | 1300 | 0 | - | Joy Down On Compressor Oil. |
| 13 | 22.5 | 26.2 | 1350 | 0 | 210 | Joy Venting Gas From Cylinder. |
| 14 | 0 | 0 | 1250 | 0 | - | Joy Down On Suction Pressure. |
| 15 | 0 | 0 | 1250 | 0 | - | " " " " " |
| 16 | 2 | 1.1 | 1250 | 0 | - | Joy Unit Down On Compressor Oil. |
| 17 | 22.0 | 7.9 | 1325 | 0 | - | Change Packing Out On Joy Unit. |
| 18 | 24.0 | 12.9 | 1315 | 0 | - | Joy Venting Gas From Cylinder. |
| 19 | 25.0 | 14.5 | 1300 | 0 | - | " " " " " |
| 20 | 26.3 | 11.4 | 1295 | 0 | - | " " " " " |
| 21 | 17.2 | 4.8 | 1255 | 0 | - | Change Packing Out On Joy Unit. |
| 22 | 0 | 0 | 1200 | 0 | - | Joy Down Suction Pressure. |
| 23 | 0 | 0 | 1200 | 0 | - | Tidewater working On Joy Unit. |
| 24 | 24.5 | 4.1 | 1340 | 0 | 210 | Compressors Running Well. |
| 25 | 22.4 | 8.1 | 1325 | 0 | - | " " " " |
| 26 | 24.7 | 20.5 | 1350 | 0 | - | " " " " |
| 27 | 24.0 | 31.0 | 1350 | 0 | 225 | Joy Venting Much Smaller Amount. |
| 28 | 24.0 | 31.0 | 1350 | 0 | 225 | " " " " " |
| 29 | 19.0 | 29.8 | 1350 | 0 | 215 | |
| 30 | 24.5 | 40.5 | 1350 | 0 | 225 | Test Disch. Vol. With Halliburton. |
| 31 | 24.0 | 23.0 | 1350 | 0 | 210 | |

HOURS INJECTED: 476.5
 VOLUME INJECTED: 340 Mcf

MONTHLY INJECTION REPORT
AUGUST 1987

OPERATOR: Gavilan Petroleum, Inc.
 ADDRESS: 1680 West Hwy. 40, Suite 1230
 WELL: Cougar 14-9
 SECTION: 14 TOWNSHIP: 5S. RANGE: 5W.

TELEPHONE: 801-789-4666
 CITY: Vernal STATE: Utah
 FIELD: Tabby Canyon COUNTY: Duchesne
 LEASE: 14-20-H62-3423

| DAY | HOURS | VOLUME INJECTED | TUBING PRESSURE | ANNULUS PRESSURE | DISCHARGE TEMPERATURE | REMARKS-COMMENTS |
|-----|-------|-----------------|-----------------|------------------|-----------------------|-------------------------------------|
| 1 | 1.5 | 3.3 mcf | 1250 psi | 0 psi | - °F | Joy Unit Down On Suction Press. |
| 2 | 7.0 | 5.7 | 1250 | 0 | - | " " " " " " |
| 3 | 26.8 | 14.3 | 1350 | 0 | 230 | Joy Unit Down On Discharge Press. |
| 4 | 23.4 | 17.0 | 1350 | 0 | 210 | Gas Venting From Joy Scrubber. |
| 5 | 24.2 | 28.2 | 1250 | 0 | 200 | Gas Venting From Joy Cylinder. |
| 6 | 28.6 | 36.8 | 1350 | 0 | 210 | " " " " " |
| 7 | 17.9 | 23.0 | 1310 | 0 | - | Joy Unit Down On Suction Press. |
| 8 | 14.7 | 29.6 | 1250 | 0 | - | Gas Venting From Joy Cylinder. |
| 9 | 23.9 | 26.0 | 1350 | 0 | 225 | " " " " " |
| 10 | 23.5 | 24.6 | 1350 | 0 | 225 | " " " " " |
| 11 | 20.7 | 26.8 | 1350 | 0 | 220 | " " " " " |
| 12 | 23.8 | 33.1 | 1350 | 0 | 220 | " " " " " |
| 13 | 23.2 | 38.4 | 1350 | 0 | 200 | " " " " " |
| 14 | 24.8 | 41.1 | 1360 | 0 | 200 | " " " " " |
| 15 | 26.5 | 54.7 | 1360 | 0 | 200 | " " " " " |
| 16 | 23.3 | 42.6 | 1375 | 0 | - | " " " " " |
| 17 | 27.0 | 49.0 | 1375 | 0 | 210 | " " " " " |
| 18 | 18.4 | 40.4 | 1350 | 0 | - | Tidewater. Wellhead 2150 psi. |
| 19 | 0 | 0 | 1350 | 0 | - | Shut-In Let Pressure Fall. |
| 20 | 24.4 | 33.2 | 1175 | 0 | - | Down On High Discharge At 2250 psi. |
| 21 | 0.5 | 0.6 | 1250 | 0 | - | " " " " " " |
| 22 | 0.5 | 0.5 | 1175 | 0 | - | " " " " " " |
| 23 | 0.5 | 0.6 | 1150 | 0 | - | " " " " " " |
| 24 | 0.5 | 0.6 | 1150 | 0 | - | " " " " " " |
| 25 | 0.5 | 0.5 | 1150 | 0 | - | " " " " " " |
| 26 | 1.0 | 1.0 | 1050 | 0 | - | " " " " " " |
| 27 | 1.0 | 1.0 | 1200 | 0 | - | " " " " " " |
| 28 | 1.0 | 1.0 | 1200 | 0 | - | Search For High Pressure Regulator. |
| 29 | 0.5 | 0.5 | 1000 | 0 | - | Down On High Discharge At 2250 psi. |
| 30 | 1.0 | 1.0 | 1020 | 0 | - | " " " " " " |

HOURS INJECTED: 410.6
 VOLUME INJECTED: 575.1 Mcf

LEGAL HIGHLIGHTS

- 7-10-86 Petition submitted to the Department of Natural Resources, State of Utah to permit the injection of excess natural gas into the Cougar 14-9 Well.
- 8-28-86 Hearing conducted before The Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah.
- 9-26-86 Conditional Approval received from the Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah. Conditional upon approval by the Ute Indian Tribe and United States Bureau of Land Management.
- 12-17-86 Amendment to Oil and Gas Mining Lease and Access Agreement signed and approved by the Ute Indian Tribe and United States Bureau of Indian Affairs.
- 1- 4-87 Approval received from the Vernal Office of the United States Bureau of Land Management.

OPERATIONAL HIGHLIGHTS

- 1- 5-87 Estimated excess natural gas volume available to inject from both wells is 60 MCFD. Tabby Canyon Ute Tribal 14-9A. Upon petition - 110 MCFD. This date - 40 MCFD. Tabby Canyon Ute Tribal 5-13 Upon petition - 190 MCFD. This date - 20 MCFD.
- 3- 6-87 Installed Ajax C-42 and Ajax DPC - 60 Compressors on location. Maximum capacity of compressors 150 MCFD. Maximum working pressure of compressors 1,500 psi. Total fuel consumption of compressors is 0.77 MCF/HR.
- 3-11-87 First date of injection into the Cougar 14-9 Well. Using excess gas from the Tabby Canyon Ute Tribal 14-9A Well. Please see all monthly injection reports for details.

Commencement

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE
PETITION OF GAVILAN
PETROLEUM INC. TO PERMIT
THE INJECTION OF EXCESS
NATURAL GAS INTO THE
COUGAR 14-9 WELL, DUCHESNE
COUNTY, UTAH

:
:
:
:
:
:
:
:

FINDINGS OF FACT,
CONCLUSIONS OF LAW,
AND ORDER

Docket No. 86-021

Cause No. UIC-085

This matter was heard before the Board of Oil, Gas and Mining at its regularly scheduled hearing at 10:00 a.m. on August 28, 1986, in the Boardroom of the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Salt Lake City, Utah. The following Board members, constituting a quorum, were present and participated in the hearing:

Gregory P. Williams, Chairman

James W. Carter

John M. Garr

Charles R. Henderson

Richard B. Larsen

E. Steele McIntyre

Judy F. Lever

Members of the staff of the Division of Oil, Gas and Mining present at and participating in the hearing included:

Dr. Dianne R. Nielson, Director

Ronald J. Firth, Associate Director, Oil and Gas

John R. Baza, Petroleum Engineer

Mark C. Moench, Assistant Attorney General was
present and represented the Board.

The following appeared at the hearing:

Richard B. Johns, Esq., representing
Gavilan Petroleum, Inc.

Dougald H. Thamer, President,
Gavilan Petroleum, Inc.

Scott Seeby, Petroleum Engineer,
Gavilan Petroleum, Inc.

Bob Henricks, Petroleum Engineer, Bureau of Land
Management, Vernal Utah

Robert Thompson, Esq., representing the Ute Indian
Tribe

Testimony was received from, and exhibits were
introduced on behalf of Gavilan Petroleum, Inc. by Mr. Thamer
and Mr. Seeby.

The Board, having considered the testimony, exhibits
and evidence presented and the statements made by the
participants at the hearing, now makes and enters the following
Findings of Fact, Conclusions of Law, and Order:

FINDINGS OF FACT

1. The Cougar 14-9 Well, located in Section 14 of Township 5 South, Range 5 West, U.S.M., Duchesne County, Utah, and the geologic formations penetrated by said well, are suitable for the temporary storage of natural gas produced by other wells located in the area.

2. The Ute Tribal 5-13 Well, located in Section 13 of Township 5 South, Range 5 West, U.S.M., and the Ute Tribal 14-9A Well, located in Section 14 of Township 5 South, Range 5 West, U.S.M., are currently producing natural gas for which present sales cannot be located. This gas is currently being vented to the atmosphere.

3. All of the above wells are located on lands under which the minerals are owned by the Ute Indian Tribe and/or the United States of America.

4. The requirements of Rule 501 of the Oil and Gas Conservation General Rules pertaining to the introduction of gas into a reservoir for storage purposes have been met to the satisfaction of the Division and the Board.

CONCLUSIONS OF LAW

1. Due and regular notice of the time, place and subject matter of this hearing was given to all interested

persons in accordance with applicable law, and with the rules, practices and orders of the Board pertaining to this matter.

2. The Board has jurisdiction over all matters covered by said notice and over all parties interested therein and has the power and authority to make and promulgate the Order hereinafter set forth. Since, however, the minerals under the subject lands are owned by the Ute Indian Tribe and/or the United States of America, the Board wishes to give deference to any possible concerns which those entities may have regarding this matter.

3. The use of the Cougar 14-9 Well for temporary storage of the natural gas currently being vented from the 5-13 Well and the 14-9A Well as proposed by Gavilan Petroleum, will promote the development, production and utilization of natural resources of oil and gas in the state of Utah in such a manner as will prevent waste; and will result in a greater ultimate recovery of oil and gas.

ORDER

IT IS HEREBY ORDERED THAT:

1. Gavilan Petroleum, Inc. is authorized to inject excess natural gas produced from the Ute Tribal 5-13 Well and the Ute Tribal 14-9A Well, into the Cougar 14-9 Well located in

Section 14 of Township 5 South, Range 5 West, U.S.M., Duchesne County, Utah, for temporary storage purposes.

2. This approval is conditional, however, upon approval by the Ute Indian Tribe and the United States Bureau of Land Management. Any restrictions or limitations upon such approval by those entities shall also be restrictions or conditions of the Board. If the plan of storage is revised in any material respect from the plan presented to the Board, this matter shall be reopened.

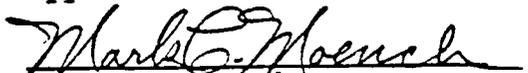
3. Six months after the commencement of storage operations, Gavilan Petroleum, Inc. shall provide a full report to the Division of Oil, Gas and Mining, summarizing the status of the storage project as to volumes injected, pressures, and other information.

ENTERED THIS 26th day of September, 1986.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING

By 
Gregory P. Williams, Chairman

Approved as to Form


Mark C. Moench
Assistant Attorney General

0132J
RBJ

Geo

FEB 02 1987

DIVISION OF
OIL, GAS & MINING

42

DEC 22 1986

Real Property Mgmt.
Oil and Gas

FEB 1986

Cavilan Petroleum, Inc.
Attention: Jay Maaley
P.O. Box 6107
Salt Lake City, Utah 84106

Dear Mr. Maaley:

Enclosed is the Amendment to Oil and Gas Mining Lease and Access Agreement,
Section 14, T5S, R5W.

If you have any questions, please contact Kenneth J. Young at the above
number.

Sincerely,

Superintendent

Enclosures

cc: Ute Distribution Corporation
Minerals Management Service
Bureau of Land Management
Agency Chrono
Realty Chrono
Minerals Chrono
File

KJYOUNG:smccloud:12/22/86

RECEIVED
Bureau of Land Management
Vernal, Utah

DEC 24 1986

| Department | Initial | Assignment |
|--------------------------------|-------------|-------------|
| Min. | [Signature] | [Checkmark] |
| Dir. | | |
| Asst. Dir. | | |
| Adm. Serv. | | |
| Ext. Aff. | | |
| Gen. Inv. | | |
| Ident. & Rec. | | |
| Insp. | | |
| Int. Aff. | | |
| Lab. | | |
| Legal Coun. | | |
| Plan. & Eval. | | |
| Spec. Inv. | | |
| Training | | |
| Off. of Cong. & Public Affairs | | |

AMENDMENT TO OIL AND GAS MINING LEASE,
AND ACCESS AGREEMENT

WHEREAS, on January 30, 1976, the Ute Indian Tribe and the Ute Distribution Corporation (together the "Lessor") granted Oil and Gas Mining Lease No. 14-20-H62-3423 to Burton/Hawks, Inc., covering the following lands on the Uintah and Ouray Reservation, located in Duchesne County, Utah:

Township 5 South, Range 5 West, USM
Section 14: All

WHEREAS, Gavilan Petroleum, Inc. (the "Lessee") has now acquired the Lease insofar as it covers the S 1/2 of Section 14; and

WHEREAS, the Cougar 14-9 Well, previously drilled on the NE/4 SE/4 of Section 14, has been temporarily shut in as a non-producing well but is available for use as a gas storage well; and

WHEREAS, natural gas is being produced from other wells in the vicinity, but there is no present market for this gas; and

WHEREAS, the parties wish to amend said Lease to allow the storage of this natural gas in the Cougar 14-9 Well; and

WHEREAS, the parties also wish to establish the rights of access necessary to accomplish such storage.

NOW THEREFORE, said Lease is hereby amended as follows:

1. Lessor hereby grants the Lessee the exclusive right and privilege to store natural gas including helium gas, carbon dioxide gas, and sulphur gas in or under the leased lands, together with the right to construct and maintain thereupon all works, buildings, plants, waterways, roads, telegraph and telephone lines, pipe lines, reservoirs, tanks, pumping stations or other structures with right of access necessary to the full enjoyment hereof. The term of said Lease shall hereafter continue for the period of such storage use and so long thereafter as oil or gas not previously produced is produced in paying quantities, as authorized by 25 C.F.R. § 211.3a(b).

2. The above grant shall include the right and privilege to inject and store gas produced from either the leased land or from any other land, and to withdraw gas from storage at will, although the Lessee shall be under no obligation to inject, withdraw, or store any particular quantity of gas other than such gas as it shall deem advisable in its sole discretion. Lessee shall maintain records of the quantity of gas placed in storage from each well, and the quantity of gas produced from storage.

3. The Lessee shall utilize its best efforts to obtain a market for the stored gas, consistent with prudent operating practices, changing market conditions, and development in the area.

4. ⁴¹² ~~the above~~ ^{natural gas} In consideration for such storage rights, the royalty on ~~the above~~ substances as provided for in said Lease is hereby increased from 16 2/3% to 18 1/2% of the value of any such substances produced and saved from the leased land. As to gas which is produced and placed in storage, the royalty shall be payable only as the stored gas is produced from storage and sold.

5. If Lessee stores gas produced from lands owned by any party other than Lessor (such as fee lands, state lands or federal lands), then Lessee shall pay to Lessor as a storage fee 1-5/6% of the value of any such gas as it is produced from storage and sold. The amount of such gas produced from storage shall be calculated as a percentage of all gas produced from storage, in proportion to the amount of such gas placed in storage as a percentage of all gas placed in storage.

6. Lessee shall have the right to drill, rework, or abandon such wells as necessary for the exercise of the gas storage rights granted by this Amendment. Lessee agrees to conduct all operations in accordance with the terms of the Lease and federal regulations.

7. Due to an existing obligation of the Lessee to assign its operating rights below the base of the Green River formation to other parties, this Amendment shall only amend the Lease insofar as it applies to operations for production from, or storage of substances in, formations from the surface to the base of the Green River formation.

8. This Amendment shall be deemed to be incorporated into, and become a part of said Lease, and said Lease shall

remain in full force and effect except insofar as it may be inconsistent with the terms of this Amendment.

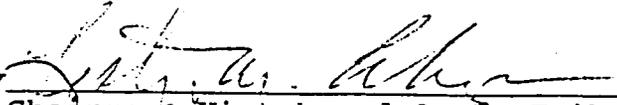
FURTHER, in order to facilitate the storage of gas, and in further consideration of the fees provided for above, the Lessor hereby grants exclusively unto the Lessee the right of access and use of such lands as necessary to accomplish the purpose of this agreement, whether part of the leased lands or other lands which the Lessor controls or owns. This shall include, as to lands both on and off the leased premises, without limitation, the right to lay, construct, maintain, operate, repair, replace and remove gas gathering lines, compressor stations, and other facilities for the transportation and processing of gas produced by wells either on the leased land or by wells on other land owned or controlled by the Lessor. The Lessee shall have all rights, privileges and easements necessary or convenient for the full enjoyment or use of the rights herein granted, including without limitation, the right of ingress to and egress over and across any of said lands to and from said facilities.

The easement granted herein for pipeline purposes shall not exceed thirty feet in width. Further, Lessee shall disturb only so much of the surface of said lands as necessary for the purposes hereof, consistent with prudent operating practices.

IN WITNESS WHEREOF, the parties have executed this Amendment and Agreement as of the ____ day of _____, 1986, to be effective as of the date of approval.

UTE INDIAN TRIBE

By


Chairman, Uintah and Ouray Tribal
Business Committee

ATTEST:


Secretary, Uintah and
Ouray Tribal Business
Committee

UTE DISTRIBUTION CORPORATION

By *Gene D. Erickson*
President, Board of Directors

ATTEST:

Gene D. Erickson
Secretary, Board of
Directors

GAVILAN PETROLEUM, INC.

By *Dougald H. Thamer*
Dougald H. Thamer, President

ATTEST:

By _____

ACKNOWLEDGMENT OF LESSEE

STATE OF UTAH)
COUNTY OF Salt Lake) ss.

On the 7th day of ^{November} ~~September~~, 1986, personally appeared before me Dougald H. Thamer, who, being by me duly sworn, did say that he is the president of Gavilan Petroleum, Inc., that said instrument was signed in behalf of said corporation by authority of its Bylaws or a Resolution of its Board of Directors, and said Dougald H. Thamer acknowledged to me that said corporation executed the same.

[Signature]
NOTARY PUBLIC
Residing at: Salt Lake

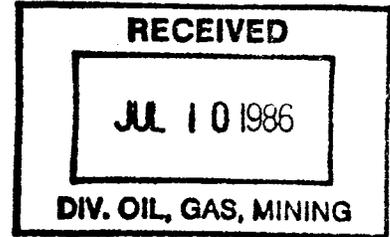
My Commission Expires:
3-18-89

It has been determined that approval of this document is not such a major federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. § 4332 (2)(c); AND Environmental Assessment of Oil and Gas Development, Duchesne River Area; Environmental Assessment No. 3, Bureau of Land Management, Vernal District, Vernal, Utah; prepared April, 1982.

APPROVED, Bureau of Indian Affairs, Uintah and Ouray Agency, under authority delegated to the Superintendent by Phoenix Area Redelegation Order No. 3, Section 2.17, (34 FR; 11109).

DATE: 12-17-86

[Signature]
SUPERINTENDENT



BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

| | | |
|-------------------------------|---|---------------------------|
| IN THE MATTER OF THE PETITION | : | |
| OF GAVILAN PETROLEUM INC. | : | PETITION |
| TO PERMIT THE INJECTION OF | : | |
| EXCESS NATURAL GAS INTO THE | : | Docket No. <u>86-021</u> |
| COUGAR 14-9 WELL | : | |
| | : | Cause No. <u>111C-085</u> |

COMES NOW the Petitioner, Gavilan Petroleum Inc., and in support of this Petition respectfully shows:

1. Petitioner is a corporation duly organized and existing under the laws of the State of Utah, whose principal office is located at 1997 South 1100 East, Salt Lake City, Utah 84106, and whose mailing address is P.O. Box 6107, Salt Lake City, Utah 84106. The telephone number of the Petitioner is (801) 484-0942.

2. This Petition is filed under Rule 501(a) of the General Rules of the Utah Board of Oil, Gas and Mining, to request approval for the introduction of gas into a reservoir for storage purposes.

3. Petitioner is currently operating two oil and gas wells in Duchesne County, Utah. The wells are the Ute Tribal

5-13 Well located in the southwest quarter northwest quarter of Township 5 South, Range 5 West, U.S.M., and the Ute Tribal 14-9A Well located in the northeast quarter southeast quarter of Section 14 of Township 5 South, Range 5 West, U.S.M. Each of these wells are currently producing oil and gas.

4. There is no current market for the natural gas produced by these wells. The Petitioner has contacted several parties regarding the possibility of constructing a natural gas pipeline to the wells, without success. It therefore appears that a natural gas pipeline will not be available for an indefinite time.

5. The Petitioner is currently flaring quantities of natural gas from each well. The Petitioner considers this a waste of natural resources, and desires to inject the natural gas into the Cougar 14-9 well, which is a shut-in well located on the northeast quarter southeast quarter of Section 14 in Township 5 South, Range 5 West, U.S.M.

6. A plat showing the area involved and identifying all wells, including the proposed injection well, is attached hereto as Exhibit "A."

7. The Ute Tribal 5-13 Well is producing from a pool known as the "Pink Sands" at a depth of 4,006 feet. The Ute Tribal 14-9A Well is producing from pools known as the "Castle

Peak" and the "A Sand" at 5,144 feet and 4,680 feet. All these producing pools are within the Green River Formation.

8. Gavilan Petroleum proposes to inject natural gas into the "Lower A Sand" in the Cougar 14-9 Well at an interval of 4,676 feet to 4,710 feet within the Green River Formation. The top of the perforated interval in the injection well is at 4,696 feet. The base of the fresh water zone is at 170 feet. There is therefore 4,526 feet intervening thickness between the top of the perforated interval and the base of the fresh water zone. Thick shale and limestone barriers exist above the injection interval. Due to the thickness and character of the intervening strata, fresh water will be protected from the injected gas.

9. Attached hereto as Exhibits "B-1" and "B-2" are logs of the Cougar 14-9 Well (previously known as the Ute 1-14 Well). Also attached as Exhibit "C" is a log for the Ute Tribal 14-9A Well. These two wells are located very close together, and the geology should be similar for each well. Exhibit "G" hereto provides additional information regarding the geology.

10. Injection fluid will consist of produced formation gas from the Ute Tribal 5-13 Well and the Ute Tribal 14-9A Well. The estimated amount of gas to be injected daily

is 300 Mcf. Exhibits "D-1" and "D-2" are representative of the fluids to be injected. Exhibit "D-1" is also representative of the gas that currently exists in the injection interval. Exhibit "E" gives specific properties of the crude oil that exists in the injection interval. Both the injecting fluids and the injection interval fluid are compatible. It is therefore not likely that the fluids will migrate into other strata.

11. The Cougar 14-9 Well has the following casing:

| | |
|--------------------|--|
| Conductor casing: | 43 feet of 13-3/8" casing, set with 50 sacks of cement |
| Surface casing: | 1,258 feet of 9-5/8" casing, 43.5 lbs./ft., set with 555 sacks of cement |
| Production casing: | 5,152 feet of 7" casing, 29 lbs./ft., set with 150 sacks of cement |

Gavilan Petroleum proposes to test the casing by setting a retrievable bridge plug above the existing perforations and pressure testing to 2,000 psi. Average injection pressure should be 1,000 psi. Maximum injection pressure should not exceed 2,000 psi. Exhibit "F" is a copy of a Cement Bond Log run on the proposed injection well after casing was set and cemented.

12. An affidavit certifying that the operators, owners and surface owners within a one-half mile radius of the injection well have been provided a copy of this Petition, is attached hereto as Exhibit "H". The operators or owners and surface owners within a one-half mile radius of the Cougar 14-9 well are as follows:

Surface and Mineral Owner

Ute Indian Tribe
c/o Bureau of Indian Affairs
Uintah and Ouray Agency
Ft. Duchesne, Utah 84026

Operators

Section 23, T5S, R5W, U.S.M.:
Lomax Exploration
50 West Broadway, Suite 1200
Salt Lake City, Utah 84101

This also constitutes a list of the names and last known addresses of all persons required by statute to be served with, or whose legally protected interest may be affected by this Petition.

WHEREFORE, in order to foster, encourage, and promote the development, production and utilization of natural gas in the State of Utah in such a manner as will prevent waste and to create a greater ultimate recovery of oil and natural gas, the Petitioner respectfully requests that the Board:

A. Set this matter for hearing at the regularly scheduled meeting of the Board in the month of August, 1986, and give notice of this Petition and said hearing in accordance with the laws of the State of Utah.

B. Enter an order permitting the injection of natural gas produced from the Ute Tribal 5-13 Well and the Ute Tribal 14-9A Well, into the Cougar 14-9 Well located in Section 14 of Township 5 South, Range 5 West, U.S.M. in Duchesne County, Utah.

DATED this 10th day of July, 1986.

GAVILAN PETROLEUM INC.

By *RB Johns*
Richard B. Johns, Attorney for
the Petitioner
Jones, Waldo, Holbrook & McDonough
1500 First Interstate Plaza
170 South Main Street
Salt Lake City, Utah 84111
(801) 521-3200

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing instrument upon all parties of record in this proceeding by mailing a copy thereof, properly addressed, with first class postage prepaid, to:

Ute Indian Tribe
c/o Bureau of Indian Affairs
Uintah and Ouray Agency
Ft. Duchesne, Utah 84026

Lomax Exploration
50 West Broadway, Suite 1200
Salt Lake City, Utah 84101

DATED at Salt Lake City, Utah this 10th day of July,

1986.



A handwritten signature in cursive script, reading "Harry Jensen", is written over a solid horizontal line.

0107J
RBJ

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE MIDDLE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Ute

9. WELL NO.
14-9 (1-14)

10. FIELD AND POOL, OR WILDCAT
Tabby Canyon

11. SEC., T., R., M., OR BLK. AND SURVY OR AREA
Ne/Se Sec. 14, T5S, R5W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Gavilan Petroleum, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 1656, Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
Ne/Se Section 14, T5S, R5W
1023' FEL & 2371' FSL

14. PERMIT NO.
43-013-30541

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6404' GR

JUL 02 1990
DIVISION OF
OIL, GAS & MINING

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 checked="" type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANE <input type="checkbox"/> | (Other) <input type="checkbox"/> | |

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

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

Please be informed that Gavilan Petroleum, Inc. has proposed to plug and abandon the subject well as follows:

- 1) Set CIBP @ 4650' and spot a 50' cement plug on top of CIBP.
- 2) Perforate at 2100' and spot a 200' cement plug inside and out of the 7" production casing. (2100'-1900')
- 3) Perforate @ 1510' and spot a 300' cement plug inside and out of the 7" production casing. (1510'-1210')
- 4) Place a 50' surface plug across all casing tops.
- 5) Install dry hole marker and reclaim location.

200 JUL 10 1990

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

SIGNED [Signature] TITLE Field Engineer DATE 06-29-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Federal approval of this action is required before commencing operations.

*See Instructions on Reverse Side

DATE: 7-16-90
BY: [Signature]

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

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

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

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

| | |
|--|---|
| <p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Gavilan Petroleum, Inc.</u></p> <p>3. ADDRESS OF OPERATOR <u>215 South State, Suite 550, Salt Lake City, UT 84111</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SE Section 14, T5S, R5W 1023' FEL & 2371' FSL</p> <p>14. PERMIT NO. <u>43-013030541</u></p> | <p>5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-H62-3423</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Ute Indian Tribe</u></p> <p>7. UNIT AGREEMENT NAME <u>N/A</u></p> <p>8. FARM OR LEASE NAME <u>Ute</u></p> <p>9. WELL NO. <u>14-9 (1-14)</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Tabby Canyon</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE/SE Sec. 14, T5S, R5W</u></p> <p>12. COUNTY OR PARISH <u>Duchesne</u></p> <p>13. STATE <u>Utah</u></p> |
| <p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>6404' GR</u></p> | |

18. 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 checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | (Other) _____ | |

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

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

This is to record that Gavilan Petroleum, Inc. has successfully completed the plugging and abandonment of this well according to the original requirements and conditions of approval.

RECEIVED
JAN 24 1994
DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE President DATE 1/19/94

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-3423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Ute

9. WELL NO.

14-9 (1-14)

10. FIELD AND POOL, OR WILDCAT

Tabby Canyon

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

NE/SE Sec. 14, T5S, R5W

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL GAS WELL OTHER

FEB 17 1994

2. NAME OF OPERATOR

Gavilan Petroleum, Inc.

3. ADDRESS OF OPERATOR

215 South State, Suite 550, Salt Lake City, UT 84111

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

NE/SE Section 14, T5S, R5W
1023' FEL & 2371' FSL

14. PERMIT NO.

43-013.30541

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

6404' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

This is to record that Gavilan Petroleum, Inc. has completed the plugging and abandonment of the 14-9 well in the following manner:
10/06/93 Set CIBP at 4650'. Pressure test CIBP to 500 PSI, held O.K. Roll hole with 9.0 # Brine water. Spot 50' cement plug on top of CIBP. Perforated 3030' with 4"gun -- 4 SPF -- 4 holes .40". Injected into perforations 4 barrels per minute at 300 PSI. Ran in hole with 7" cement retainer, set same at 2930'. Stung into cement retainer at 2930'. Pumped 100' cement plug in 7" casing and 200' plug outside of 7" casing. Pumped 100' cement plug above retainer.

-10/07/93 Perforated with 4" gun -- 4 SPF -- .04" holes -- 4 holes at 1510'. Got injection rate 2.8 barrels per minute -- 400 PSI. Circulate out 9 5/8" surface casing. Pumped 100 sacks cement with 2% CaCl in water. Displaced cement with 300' in 7" and 300' in 9 5/8" casing. Tag cement at 1150'. Perforated with 4" casing gun at 50' -- 4 SPF -- .40" holes. Pumped 50' cement plug across 7" & 9 5/8" casing at surface.

Spring 1994, location will be reseeded with grass as required.

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

SIGNED

[Signature]

TITLE President

DATE 02/15/94

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side