

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

DATE FILED 3-3-77

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-2177 INDIAN _____

DRILLING APPROVED: 3-2-77

SPUDDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: 3-4-80 LOCATION ABANDONED WELL NEVER DRILLED

FIELD: Gravel Pile ^{3/86} Greater Cisco

UNIT: _____

COUNTY: Grand

WELL NO. Ute-Federal 10-192024-48

APT. NO: 43-019-30341

LOCATION 330' FT. FROM (N) LINE, 2310' FT. FROM (W) LINE. SE SE SW $\frac{1}{4}$ - $\frac{1}{4}$ SEC. 19

14

| TWP. | RGE. | SEC. | OPERATOR | TWP. | RGE. | SEC. | OPERATOR |
|------|------|------|----------|------|------|------|----------|
|------|------|------|----------|------|------|------|----------|

20S 24E 19 UTE PRODUCTION CO.

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet _____

Location Map Pinned _____

Card Indexed

I W R for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

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

Lat _____ Mi-L _____ Sonic _____ Others _____

10-29-90 Jec

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

110 Well. 2
S. Co.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Ute Production Co.

3. ADDRESS OF OPERATOR
 (ac 303-242-5111)
2492 Industrial Blvd.-Grand Junction, Co. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **330 FSL, 2310 FWL**
 At proposed prod. zone **330 FSL, 2310 FWL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Cisco, Utah - 6 miles southwest

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) **330'**

16. NO. OF ACRES IN LEASE **319.58**

17. NO. OF ACRES ASSIGNED TO THIS WELL **40**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **>2640'**

19. PROPOSED DEPTH **1500**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 4540

22. APPROX. DATE WORK WILL START*
28 March 1977

5. LEASE DESIGNATION AND SERIAL NO.
U-2177

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Ut 10-192024-48

10. FIELD AND POOL, OR WILDCAT
Gravel Pile

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T20S, R24E, SLM

12. COUNTY OR PARISH
Grand

13. STATE
Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 8 3/4" | 7" (new) | 17# | 100' | 25 sx - circulate |
| 6 1/4" | 4 1/2" | 0.5# | 1500' | 60 sx |

Surface Formation: Mancos
 Purpose: To test Dakota & Morrison Formations
 Surface Use Plan: Attached
 Estimated Tops: Dakota 650' (gas) (Note: Water sands not anticipated)
 Morrison 1000' (oil)
 Pressure Control Schematic: Attached, showing BOP, kill lines, check valves, and pressure ratings.
 Seven Point Plan: Attached
 Logging: IES and FDC, no coring planned
 Hazards: Experience does not indicate existence of abnormal pressure or Hydrogen Sulfide
 Operating Time: Ten days
 Lease Description: Sec 19 10ts 3,4, E₂SW₄, and SE₄, T20S, R24E, SLB & M Grand Co., Utah

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

24. SIGNED *Wayne Mitchell* TITLE *Gen Manager* DATE *2/28/77*

(This space for Federal or State office use)
 PERMIT NO. *43-019-30541* APPROVAL DATE _____

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

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

| Well | Location | Lease No. |
|--|--|--------------|
| UTE PRODUCTION Co. # UT10-192024-48 | 330' FSL & 2310' FWL (SE 1/4 SW 1/4) SEC. 19 T20S, R24E SLM GRAND CO., UTAH G.E.I. 4540' | U-2177 |
| <p>1. Stratigraphy and Potential Oil and Gas Horizons. The well will commence in Mancos Shale and the operator plans to test the Dakota and Morrison Formations. United Technical Industries #2 (G.E.I. 4570') same section, reported the following tops: Dakota 750', Morrison 362', Salt Wash 1230'. Well is located on a north-westerly dipping monocline. Trap is stratigraphic & sands are lenticular and hydrocarbon accumulation will depend on permeabilities and sand development.</p> <p>2. Fresh Water Sands. Usable water may occur in sandstone units of Mancos shale, Dalcata sandstone and the conglomerate member of the Cedar Mt. shale.</p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) Morrison sands probably contain saline water.</p> | | |
| <p>None. Considered valuable prospectively for coal but coal in this area (stratigraphically lower than mesa side) should not be economically important.</p> <p>4. Possible Lost Circulation Zones. Lenticular sands of item 1.</p> | | |
| <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh water aquifers penetrated.</p> | | |
| <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown</p> | | |
| <p>7. Competency of Beds at Proposed Casing Setting Points. Weathered shale will be cased off.</p> | | |
| <p>8. Additional Logs or Samples Needed. None</p> | | |
| <p>9. References and Remarks Within 2 mile radius of Israel Pit. 535.</p> | | |
| Date: | 16 MAR 1977 | Signed: REG. |

Dolan et al

Lease U-2177

Well No. & Location UT 10-192024-48 GRAVEL PILE

SE SW SEC. 19 T20S R24E GRAND COUNTY, UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

PROPOSES TO DRILL AN OIL AND
GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 1500 FT. TD. 2) TO CONSTRUCT A
DRILL PAD 100 FT. X 150 FT. AND A RESERVE PIT 25 FT. X 75 FT.
3) TO CONSTRUCT 2500 FT. X _____ MILES ACCESS ROAD AND UPGRADE _____ FT.
X _____ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

THIS SITE IS LOCATED IN AN AREA OF GENTLY ROLLING
HILLS, VERY LITTLE CUTTING OF TERRAIN IS REQUIRED.
THE AREA IS SPARSELY COVERED WITH SAGE BRUSH AND
NATIVE GRASSES. THE FAUNA CONSISTS OF RABBITS, GROUND
SQUIRRELS, MICE AND OTHER RODENTS - COYOTES AND
OCCASIONAL BADGER. BIRDS IN THE AREA ARE
HAWKS, EAGLES, PRAIRIE LARKS, BLACK BIRDS -

THE LOCATION OF THIS SITE WAS MOVED
150 FT. TO THE NORTH AND 50 FT. TO THE WEST.
THIS MOVING THE LOCATION FROM THE SIDE OF
A HILL TO A LEVEL SPOT - THIS WILL REQUIRE LESS
GROUND DISTURBANCE.

NEW LOCATION - 480 FT. FSL 2360 FT. FWL
SEC. 19 T20S R24E

ACCESS ROAD WILL BE RESTORED TO AS CLOSE A NATURAL
STATE AS POSSIBLE IN CASE OF ABD. THEY WILL COMPLY
WITH BLM RECOMMENDATIONS.

A FENCED TRASH PIT IS REQUIRED.

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) LOCATION WAS MOVED 150 FT. NORTH AND 50 FT WEST TO MINIMIZE ENVIRONMENTAL IMPACT

5. Adverse Environmental Effects Which Cannot Be Avoided

- 1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM TRIG ENGINES AND SUPPORT TRAFFIC ENGINES.
- 2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.
- 3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.
- 4) TEMPORARY DISTURBANCE OF LIVESTOCK.
- 5) MINOR AND SHORT-TERM VISUAL IMPACTS.
- 6)

6. Determination

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

Date Inspected 3-8-77
Inspector [Signature]

[Signature]
U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

SURFACE USE PLAN

WELL NO. Ut 10-192024-48

Sec. 22 T 20S R 24E SLM

Geographical: 6 miles northeast of Cisco, Utah

Terrain: Low, rolling hills of Mancos Shale

Vegetation: Very sparse, dominant Four Wing Saltbush

Surface Water: None, this is dry desert country

1. Existing Roads: Existing roads are 15-18 feet wide, with native ground as surface material. Ground material is primarily Mancos shale with a little Cretaceous gravel in some places.

The included map shows all access roads and roads within a several mile radius of the locations.

There are no immediate plans for improvement of existing roads. Access to the location from existing roads will be in the form of trails. If commercial production is found and road improvement is needed supplemental plans will be submitted at that time.

2. Planned Access Roads: The map indicates all necessary access roads required if commercial production is found. Construction, if required will be to the same physical characteristics as existing roads-15-18 feet wide with native Mancos shale as the surface with maximum grades not to exceed 3-4%. There will be no culverts required and no major cuts and fills required for access to the well location. No fence cuts or cattle guards will be required.

3. Location of existing wells: The status of the wells is generally indicated by the manner in which the well is marked on the map. There are no water wells or disposal wells.

4. Location of existing and/or proposed facilities:

a.) There are no tank batteries off of well locations within a one mile radius of the proposed location. Gas gathering lines are indicated on the attached map.

b.) If production is found, storage facilities will be located on the location. If gas is discovered in commercial quantities, necessary pipelines will be applied for at that time. Complete protective measures, such as fences, will be used to protect livestock and wildlife in the area.

c.) Rehabilitation of all disturbed areas no longer needed after construction is completed will be returned to smooth contour and all debris will be cleaned up. All pits will be covered and cleaned up after drilling operations. Those pits required for production will be fenced.

5. Location and Type of Water Supply: Water will be acquired from Cisco Springs. Water will be transported by truck via existing roads.

No water well will be drilled on the lease.

6. Source of construction materials: No construction materials such as sand, gravel, stone and soil, will be used other than that found in the native location.

In the event that tanks and production equipment are required, gravel will be purchased from private enterprise.

7. Methods for handling waste:

a.) Cuttings: Cuttings from air drilling will be blown out on the ground. The cuttings will be smoothed out and intergrated into the native ground cover.

- b.) Drilling fluids: Drilling fluids will be contained in steel mud tanks. A dirt pit will be dug to hold excess flow out of the well during cementing and completion operations. These pits will be cleaned and covered up after useage.
- c.) Produced fluids: Produced fluids (such as oil and water) will be properly disposed of with oil being stored in tanks and water being diverted to the pit and disposed of as required.
- d.) Sewage: There will be no sewage generated by the short drilling operation.
- e.) Garbage and Other Waste Material: These materials will be contained in garbage receptacles and hauled off the location.
- f.) Well site: The entire well site area will be cleaned and restored to contour after drilling operations cease. Only that part of the location required for production operations will be kept in use. In the event of a dry hole, the only appurtenance left at the location will be the required dry hole marker.

8. Ancillary Facilities: There will be no camps or air strips required for this drilling operation.

9. Well site layout: A plat on a scale of 1"=20' is included with the application showing location and orientation of the drilling rig, mud tanks, reserve pits, pipe racks, and other appurtenances to the operation. For the time being pits will be unlined as allowed by law. The only water introduced into these pits will be fresh water used in the drilling operation.

10. Plans for restoration of surface: The entire location will be restored to contour. As the vegetation in this area is very sparse it is doubtful that revegetation will be practical.

It is intended to have all locations cleaned up within 30 days after operations are concluded.

11. Other information:

a.) The topography of this location is of a gentle, rolling characteristic. The soil is raw Mancos shale with extremely sparse vegetation. Wildlife native to the area includes coyotes, prairie dogs and cottontail rabbits.

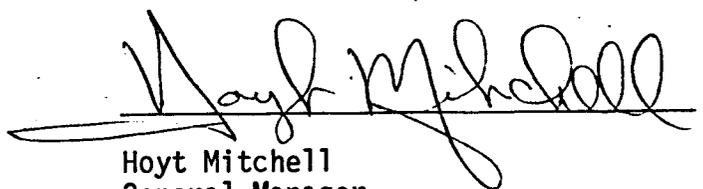
b.) The only other surface use activities other than petroleum exploration is spring grazing for sheep and cattle.

c.) The proximity of water has been described at Cisco Springs. The only occupied dwellings are at Cisco, Utah. There will be no disturbance to archeological, historical, or cultural sites by this drilling operation.

12. Operator's Representative:

Walter Broadhead
1645 N. 7th. St.
Grand Junction, Colo. 81501

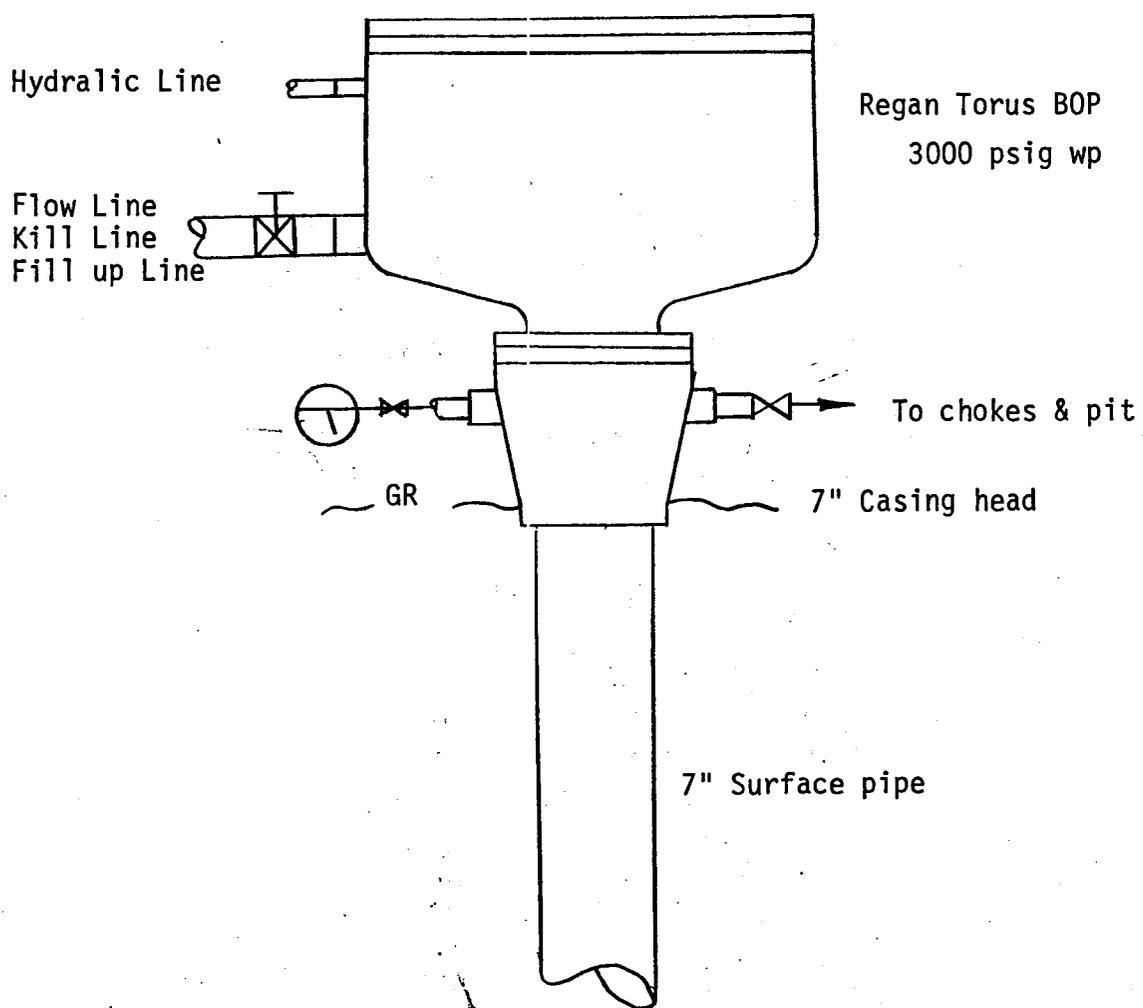
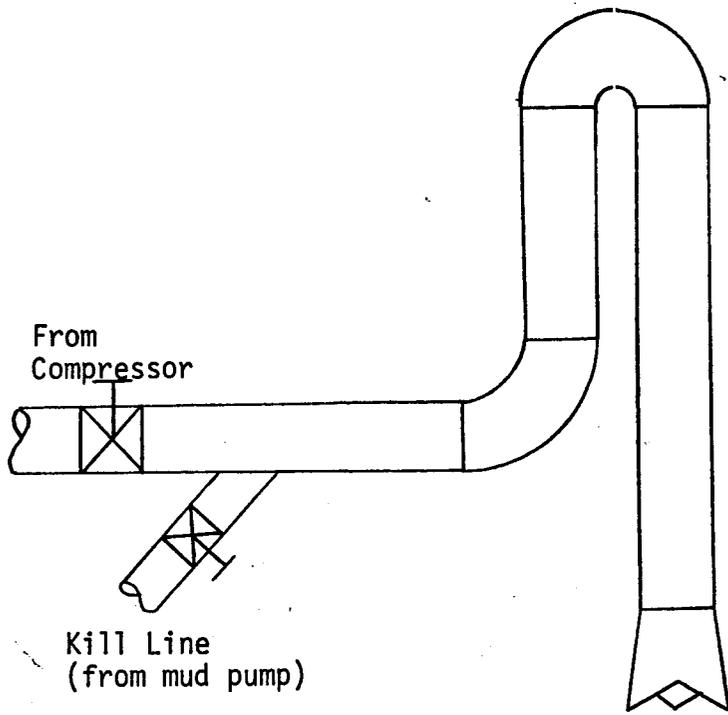
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist: that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Walter Broadhead in conformity with this plan and the terms and conditions under which it is approved.



Hoyt Mitchell
General Manager
Ute Production Co.

PRESSURE MONITORING & CONTROL SYSTEM SCHEMATIC

WELL Ut. 10-192024-48



Pressure Monitoring and Control Data

Seven Point Plan

Well No. Ut 10-192024-48

Sec. 19 T 19S R 24E SLB&M

Grand County, Utah

Lease U-2177

1. Surface casing: set at 100'

Size: 7"
Weight: 17#
Length: Range 2
Grade: J-55 new, 3000 psig test

2. Casing heads:

Series 600-1500 psig wp

3. Production casing:

Size: 4½"
Weight: 9.5 lb.
Length: Range 3
Grade: J-50 new, 300 psig test

4. Pressure Control:

BOP: Regan Torus BOP
Series 600, 3000 psig test

Rams: One size fits all-even blind
Will use fill, kill, and choke lines.

5. Auxiliary Pressure Control:

- a.) Monitoring equipment on mud system
- b.) A sub on floor with a full opening valve to be stabbed into drill pipe when Kelly is out of string

6. Anticipated Bottom Hole pressure:

550 psig

7. The type of drilling fluid:

Air until gas is encountered.
Mud up with gel mud weighted as required.

LOCATION AND VICINITY MAP

FOR

COMPANY Ute Production Co.

LEASE U-2177

WELL NO. Ut 10-192024-48

SEC. 19 T 20 S R 24 E SLM

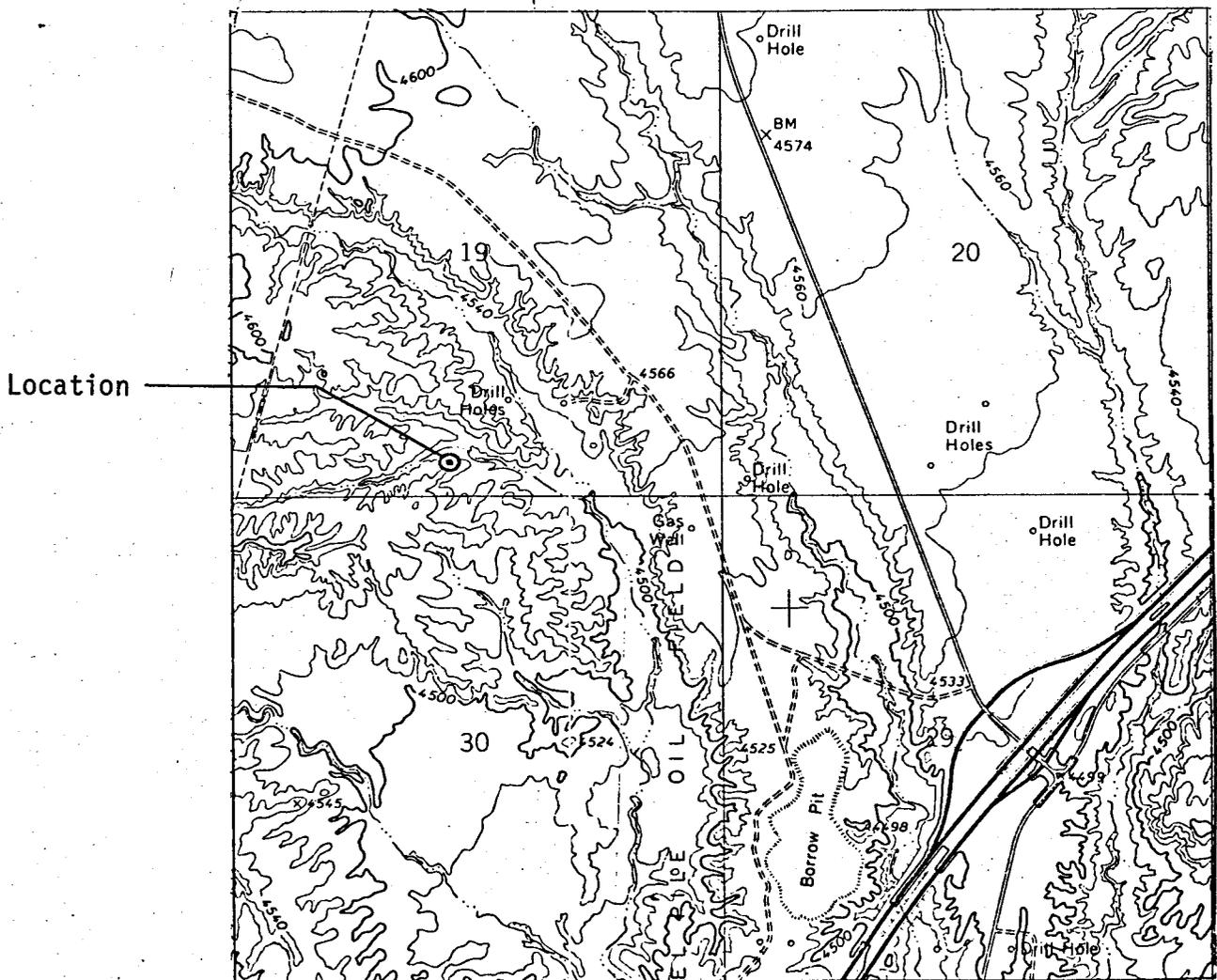
LOCATION 330 FEET FROM South LINE

2310 FEET FROM West LINE

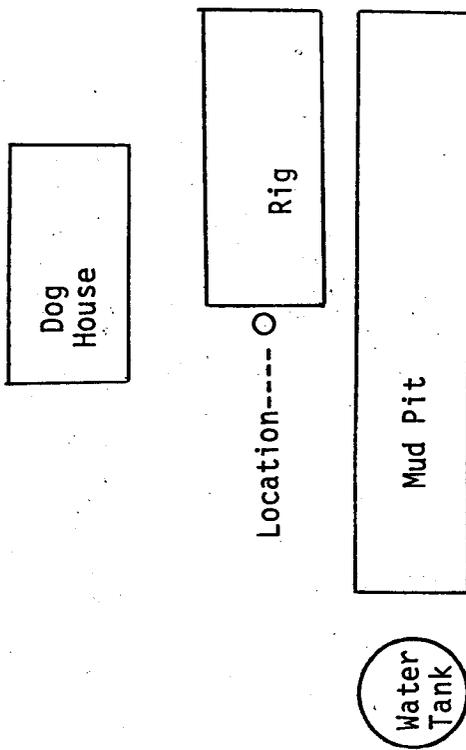
Grand County, Utah

ELEVATION 4540' GR

USGS QUADRANGLE Danish Flat (1970)



WELL SITE LAYOUT



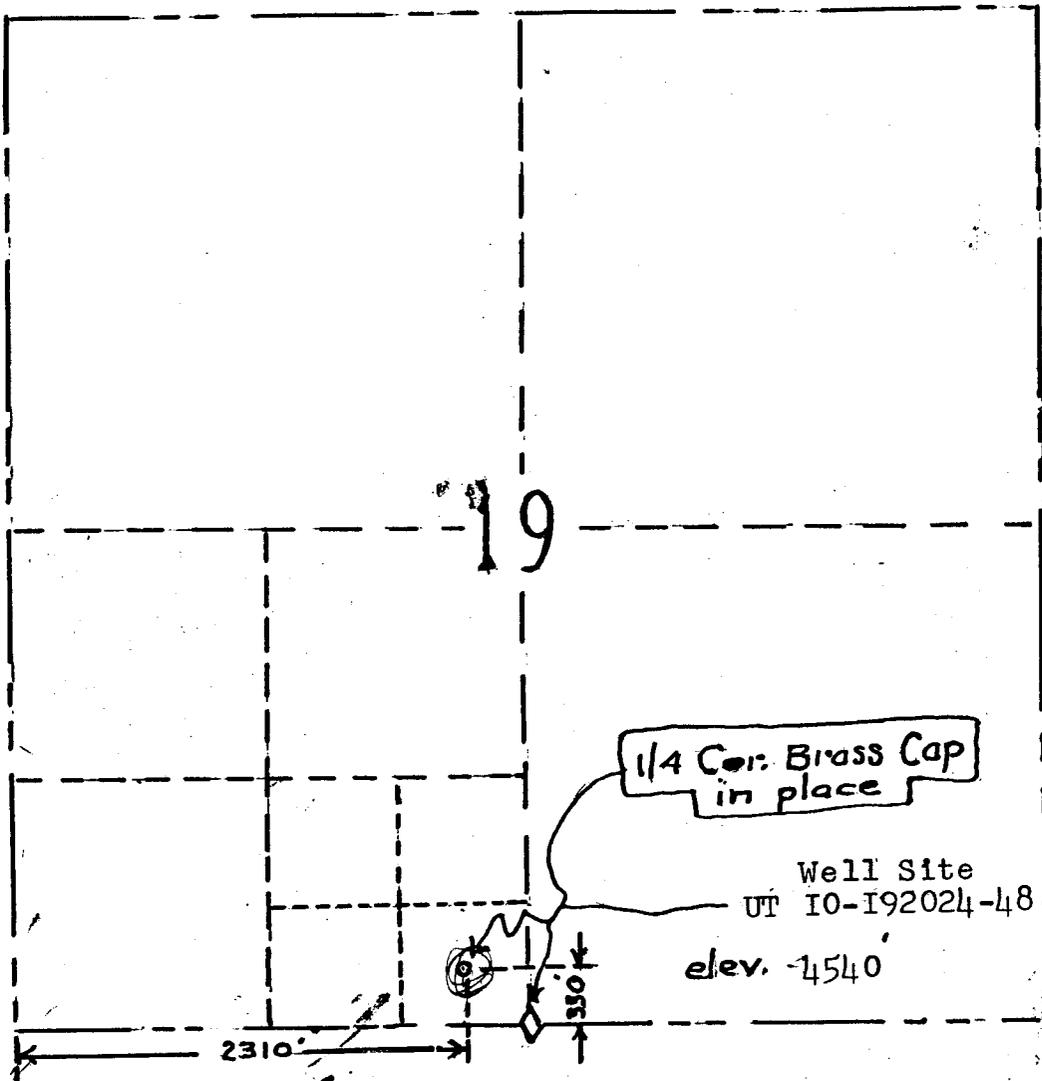
Scale 1" = 10 Feet

WELL LOCATION

UT 10-192024-48
in the

SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 19,
T 20 S R 24 E of the SLM

2310 ft. East of the West line
330 ft. North of the South line
of Section 19



1 in. 1000 ft

Feb. 22, 1977

Surveyed, drawn and certified by H. D. Clark

Henry Dennison Clark

Colorado Registered Land Surveyor

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: March 2 -
Operator: Ute Production Co.
Well No: Ute Fed. 10-192024-48
Location: Sec. 19 T. 20S R. 24E County: Grand

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

CHECKED BY:

Administrative Assistant JW
Remarks: No other wells in Sec.
Petroleum Engineer OK PE
Remarks:
Director Z
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required Survey Plat Required
Order No. 102-5 Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In _____ Unit

Other:

Letter Written/Approved

March 2, 1977

Ute Production Company
2492 Industrial Boulevard
Grand Junction, Colorado 81501

Re: Well No. Ute 10-192024-48
Sec. 19, T. 20 S, R. 24 E,
Grand County, Utah
(330' FSL & 2310' FWL)

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

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

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

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

The API number assigned to this well is 43-019-30341.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

/SW
cc: U.S. Geological Survey

3-21-77

Talked w/ Ed Guyon
& they will inform
Broadhead that their
approval is in error
Well is to be drilled

330 FSK & 2310 FWC

A.W.



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

I. DANIEL STEWART
Chairman

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

CLEON B. FEIGHT
Director

August 22, 1978

Ute Production Company
2492 Industrial Blvd.
Grand Junction, Colorado 81501

Re: Well No. Ute-Federal
#10-192024-48
Sec. 19, T. 20S, R. 24E
Grand County, Utah
April 1977-July 1978

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge
Typist

February 25, 1980

Ute Production Co.
2492 Industrial Blvd.
Grand Junction, Colorado 81501

Re: Well No. Ute Fed. 10-192024-48
Sec. 19, T. 20S, R. 24E,
Grand County, Utah

Gentlemen:

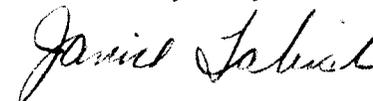
In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify as such.

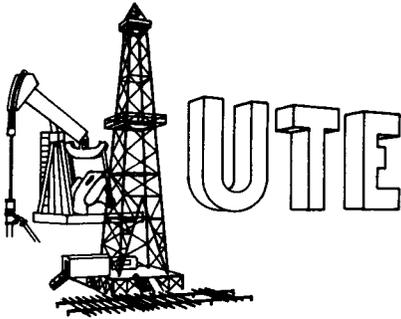
Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH
CLERK TYPIST



UTE Production Company

P.O. BOX 1743
GRAND JUNCTION, COLORADO 81501

March 4, 1980

Mr. Cleon B. Feight, Director
Utah Division of Oil, Gas, and Mining
Salt Lake City, Utah 84116

LOCATION Abandon

Re. Well No. Ute Fed. 10-192024-48
Sec. 19, T. 20S, R. 24E,
Grand County, Utah

Dear Mr. Feight:

This is in reference to your letter of February 25, 1980 pertaining to the above referenced well. At this time we have no intentions to drill this well and we should have our final cleanup work done on the lease, which has several wells drilled on it, this coming summer. When this is completed we will submit to you your copy of the necessary sundry notice.

If we can be of further help please notify us.

Very truly yours,

John I. Gordon
President

JIG:bb

RECEIVED

MAR 6 1980

DIVISION OF
OIL, GAS & MINING