

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 High Mesa Oil Company

3. ADDRESS OF OPERATOR  
 831 Cedarwood Lane - Cedar City, Utah 84720

4. LOCATION OF WELL (Report location exactly in accordance with any State requirements.)  
 At surface SW1/4 SE1/4, NE1/4 of Section 9, T. 42 S., R. 11 W., S.L.B. & M. 2889.26' 5 & 889.12' FNL  
 At proposed prod. zone same as proposed depth

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 20 miles from Hurricane Post Office, Hurricane, Utah

10. DISTANCE FROM PROPOSED\* 2889.26' 5 & 889.12'      16. NO. OF ACRES IN LEASE 960      17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Not Applicable      19. PROPOSED DEPTH 4700' Calville      20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4599.0 GR      22. APPROX. DATE WORK WILL START\* Immediate Upon Approval

5. LEASE DESIGNATION AND SERIAL NO.  
 U-15526

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Not Applicable

7. UNIT AGREEMENT NAME  
 Not Applicable

8. FARM OR LEASE NAME  
 High Mesa

9. WELL NO.  
 No. 2

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLEK AND SURVEY OR AREA  
 SW1/4, SE1/4, NE1/4 of Sec 9, T. 42 S., R. 11 W., S.L.B. & M.

12. COUNTY OR PARISH  
 Washington

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	30 lbs.	250'	115 sacks cement
7 5/8"				(return to the surface)

Propose to drill surface on 12 1/4" surface hole to 250' and set 250' of 8 5/8" casing cement into the surface. Then drill 7 5/8" hole to total depth (T.D.) - Operator proposes to test all shows of oil and

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 5/21/81  
 BY: [Signature]

MAR 13 1981  
 DIVISION OF OIL, GAS & MINING

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

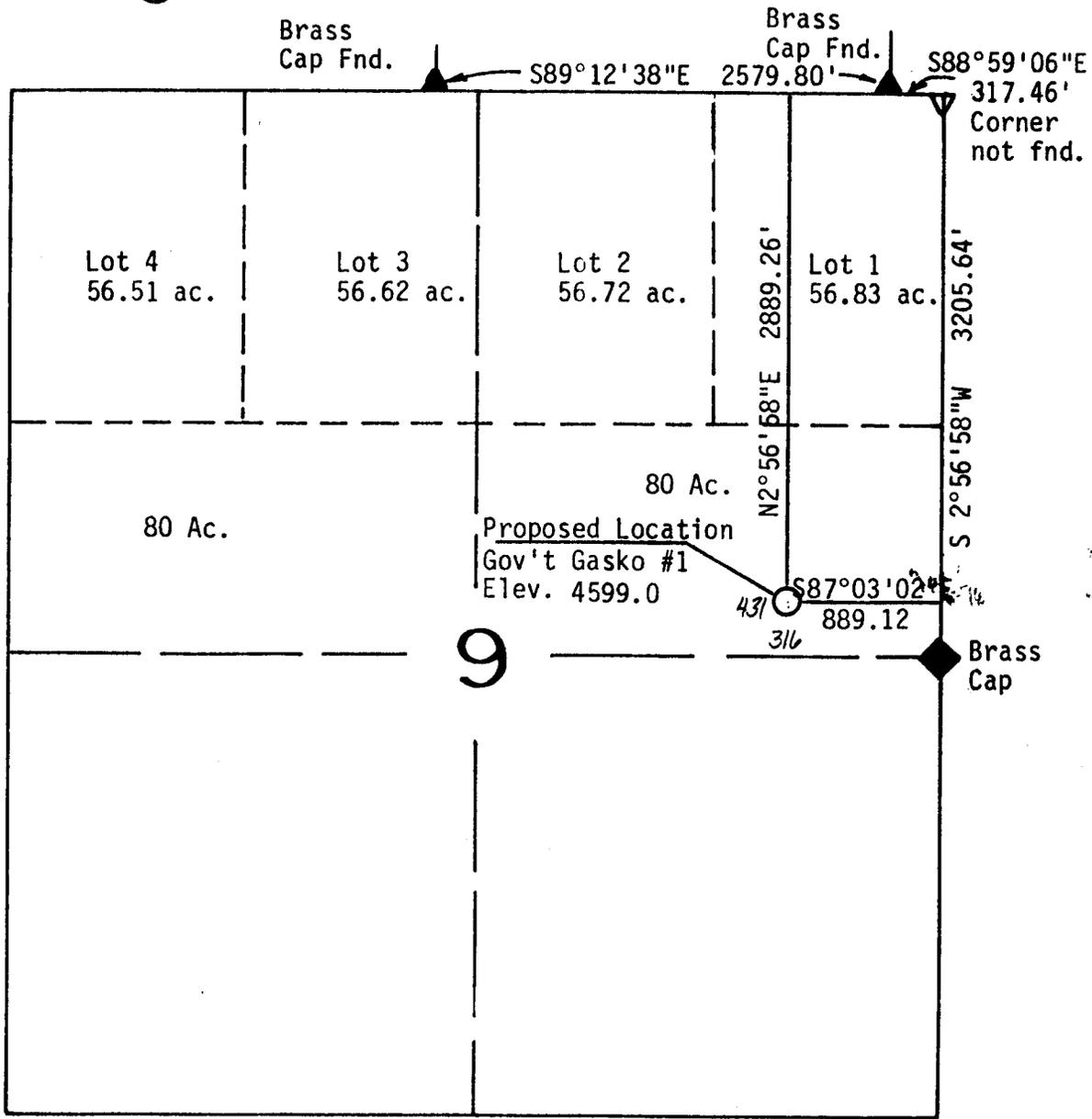
24. SIGNED: [Signature] TITLE: General Partner of High Mesa Oil Company DATE: March 12, 1981  
 Lease Owner

(This space for Federal or State office use)

PERMIT NO. 43-053-30041 APPROVAL DATE

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

High MESA #



◆ Indicates Section or Quarter Corner found in-place and brass cap.

Well location is in the SW 1/4, SE 1/4, NE 1/4 of Section 9, T. 42 S., R. 11 W., S.L.B. & M.

I, Ralph E. Watson, Registered Engineer No. 3367 and Land Surveyor No. 3557, do hereby certify that this well location has been surveyed under my direct supervision on Jan. 8 and 9, 1981 and this plat correctly describes that survey.

*Ralph E. Watson*  
 Ralph E. Watson, PE, LS.  
 REGISTERED LAND SURVEYOR  
 RALPH E. WATSON  
 3557  
 STATE OF UTAH

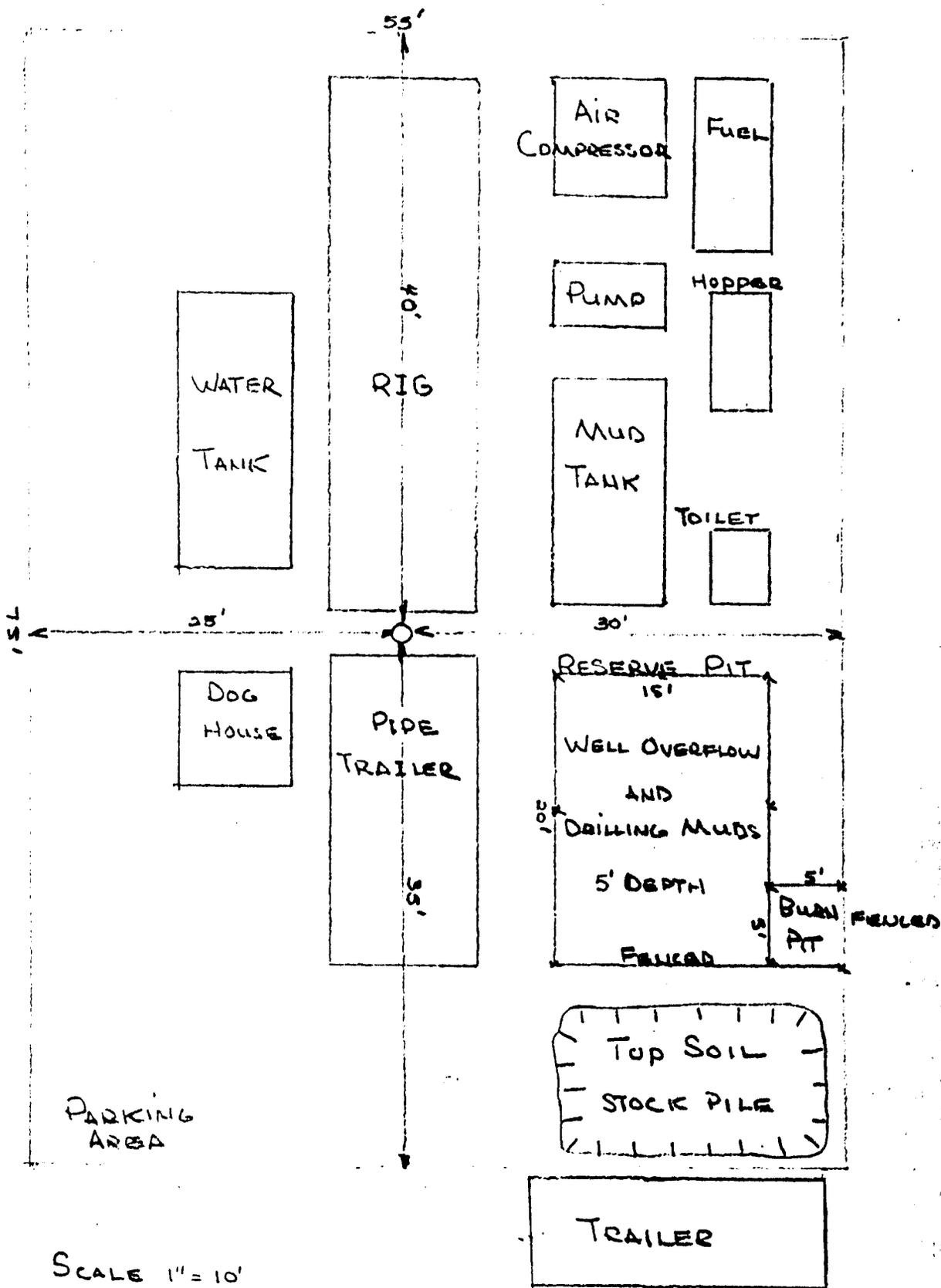
<b>GASKO CORP.</b> <b>Delta, Utah</b>	
SCALE 1" = 1000'	DATE Jan 12, 1981
	APPROVED R.E.W.

LOCATION LAYOUT

HIGH MESA No. 2

Sec. 9, T42S. R11W. SLB&M

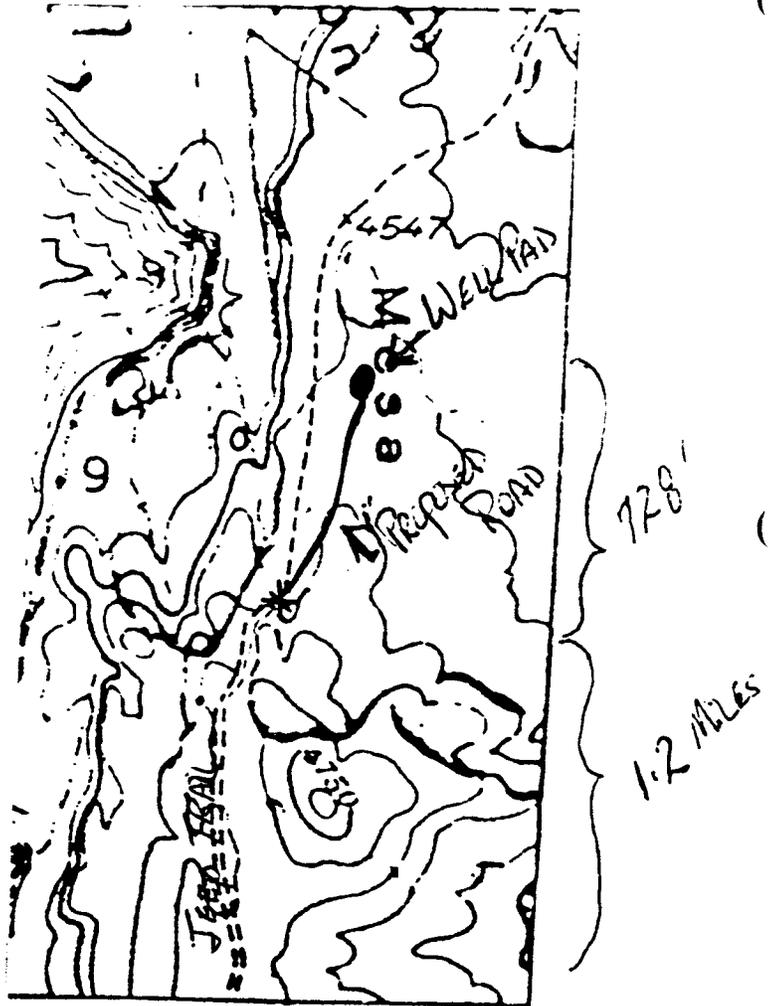
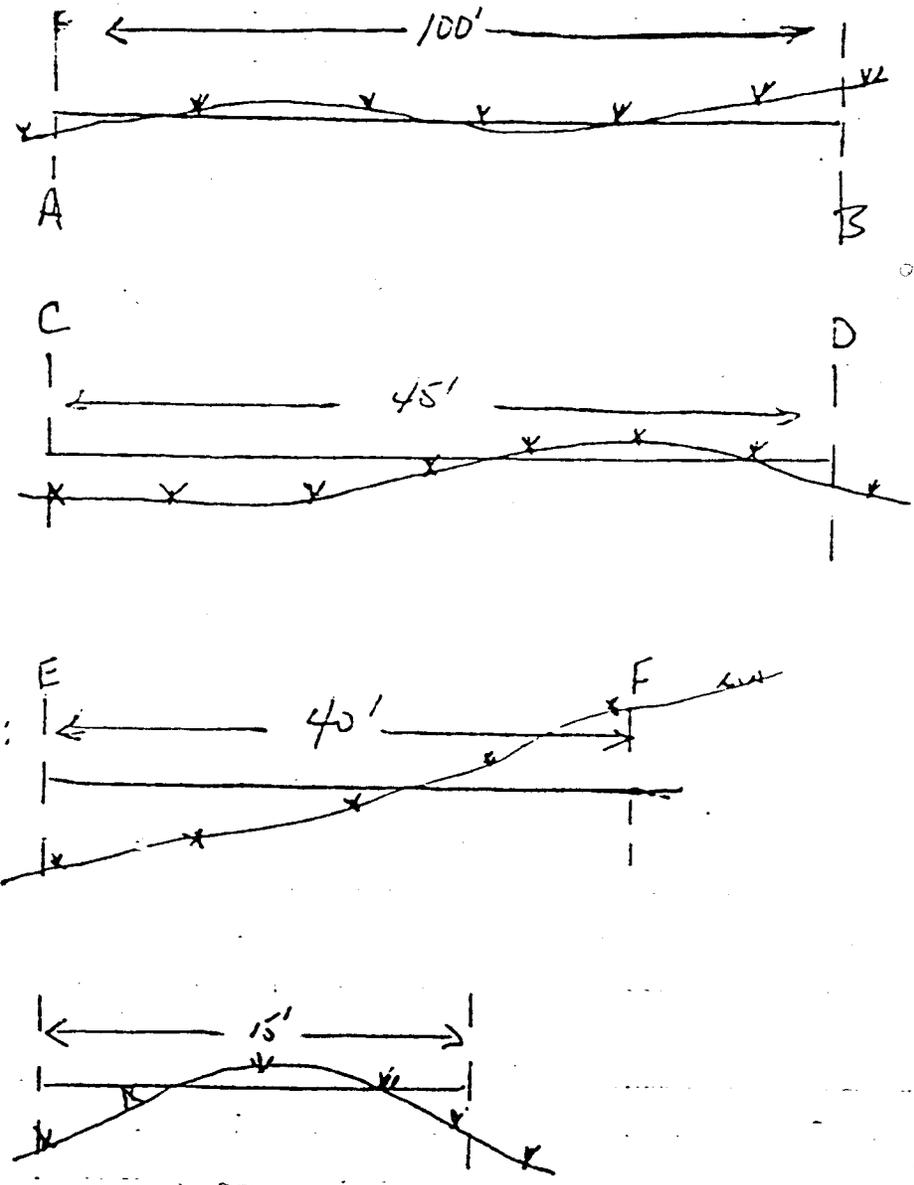
Plat No. 1---A

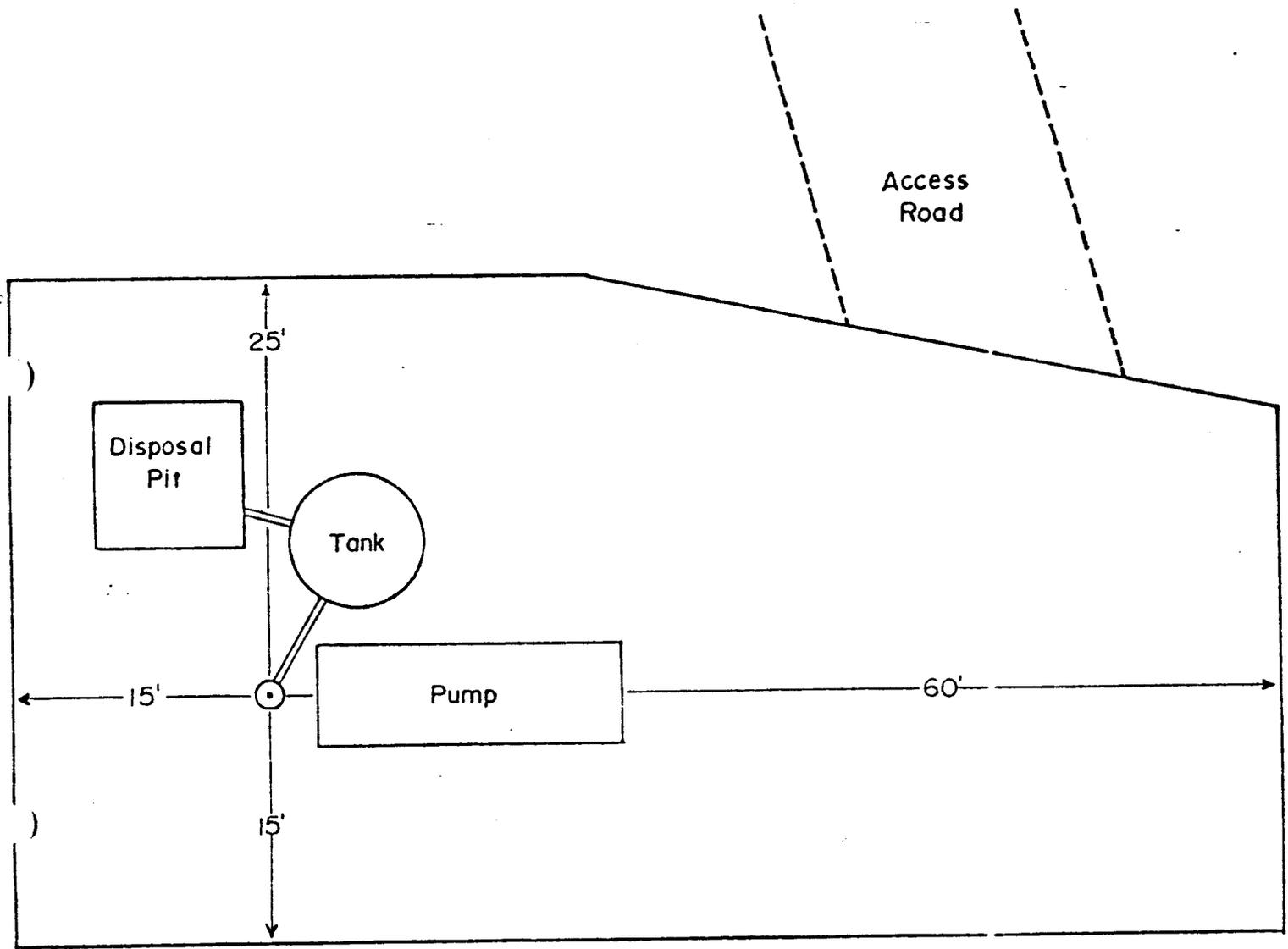


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LOCATION LAYOUT CUT SHEET  
 HIGH MESA No. 2  
 Sec. 9, T42S. R11W. SLB&M  
 Plat No. 1---8





PRODUCTION FACILITIES LAYOUT

HIGH MESA No. 2

Scale: 1' = 10'

Plat No. 3

CITY OF HURRICANE  
25 WEST STATE  
HURRICANE, UTAH 84737

From: City of Hurricane  
25 West State  
P. O. Box 580  
Hurricane, Utah 84737

To: Met Johnson  
831 Cedarwood Lane  
Cedar City, Utah 84720

Dear Met:

The City of Hurricane hereby grants you permission to purchase 10,000 gallons of culinary water at \$10.00 per 1000 gallon, from any fire hydrant, located in Hurricane, Utah.

In the event more water is needed than original contracted amount; we would be open to further negotiations at that time, with the purchase price per 1000 gallon being the same.

Sincerely,

*Willard Webb*

Willard Webb  
Water Department  
City of Hurricane

WW:cbs

ADDITIONAL QUESTIONS TO  
APPLICATION FOR PERMIT TO DRILL

1. The surface of the well is in the middle of Shinarump Conglomerate formation.

2. See Plat's No. 1 B

Shinarump 75 feet

Moenkopi Red Shale 75-455 feet

Virgin Lime 455-655 feet

Timpoweap 655-730 feet

Kiab Limestone 730-1180 feet

Timpoweap 1180-1580 feet

Kiab Limestone 1580-1900 feet

Toroweap 1900-2480 feet

Coconino Sandstone 2480-2620 feet

Quetoweap Fm. 2620-3580 feet

Pakoon Fm. 3580-3980 feet

Contact Zone 3980-4700 feet

} --- Producing Zone  
}

Callville Fm. 4700+

3. We do not anticipate any water, gas, or other mineral bearing formation. We estimate Virgin Lime at 455-655 feet and estimate Kiab Limestone at 730-1180 feet and 1580-1900 feet and coconino Shell at 2480-2620 feet and Callville Fm. at 4000-4700 feet.

4. We will be using three strings (60') of surface casing. It will be 8 5/8" new pipe at 30 lbs. per foot, 7 5/8" new pipe at 26 lbs. per foot, and 6 5/8" new pipe at 10 lbs. per foot.

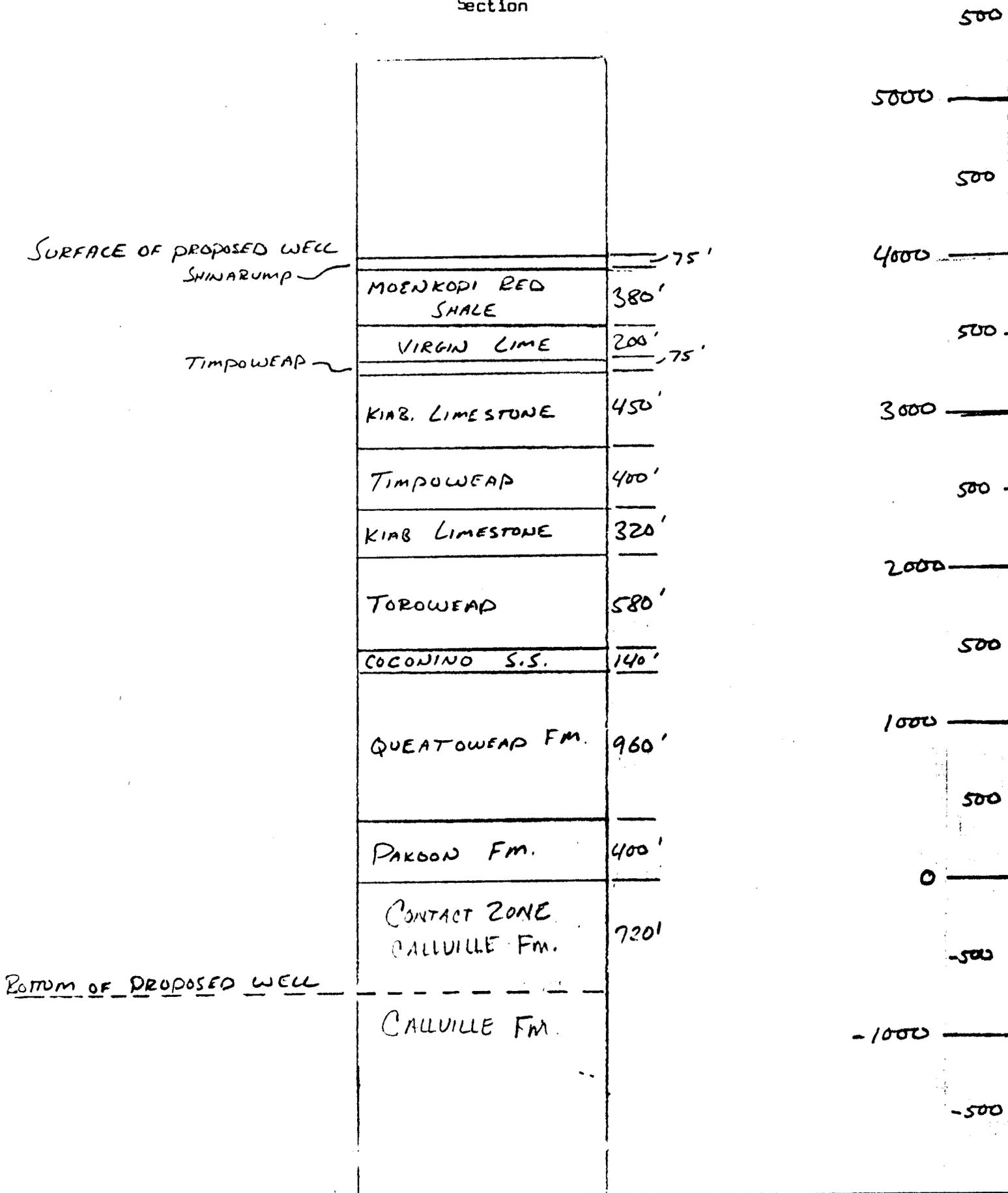
5. We will be using a 2000 psi double ram Blow-Out Preventer with a blind ram and a pipe ram 900 API series. Rams will be closed biweekly at which time pressure control tests will be run to check for leakage.
6. Drill mud will be gel base as required to maintain weight 8.8 to 9 and viscosity control 30 to 35.
7. The auxiliary equipment to be used will be:
  1. Kelly cocks: none, not applicable.
  2. Floats at the bit: a float sub will be used above the bit and an additional sub higher in the drill string.
  3. Monitoring equipment on the mud system: this drilling project will be done with air; however, if fluid is needed equipment to monitor will be furnished at that time.
  4. Sub on the floor: a sub with a full opening valve will be available to insert into drill string when kelly is not in the string.
8. We propose to run electric log dual indicators - C.N.L. All caps F.D.C.
9. Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.
  - A. No abnormal pressures expected.
  - B. No hydrogen sulfide gas known in area or expected.
10. Starting date will be April 1981, immediate upon approval and rig availability. Duration of operation will be approximately 30 days.

HIGH MESA No. 2

Plat No. 1 B

GRAFTON AREA

Sketch - Combination Surface  
Section

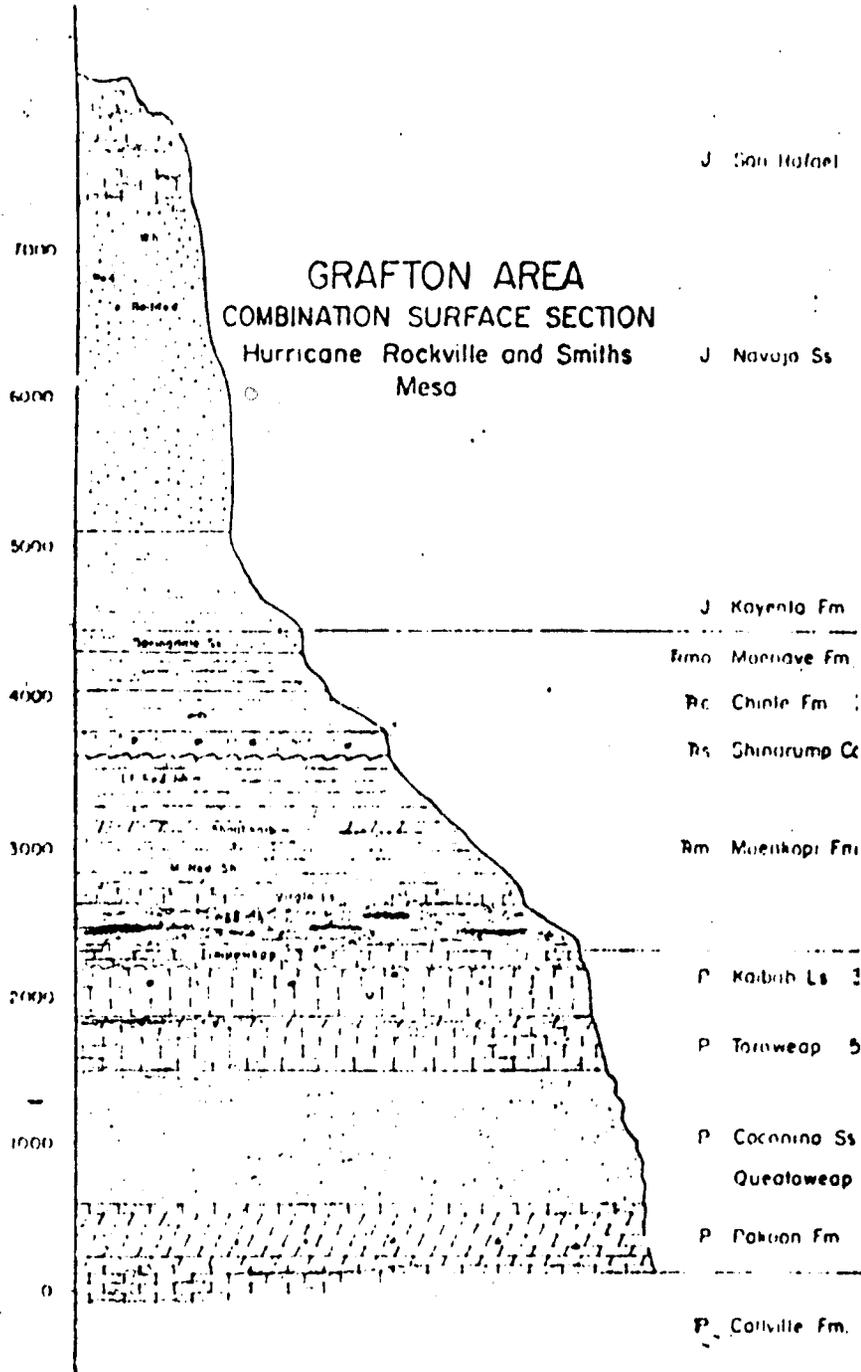


HIGH MESA No. 2

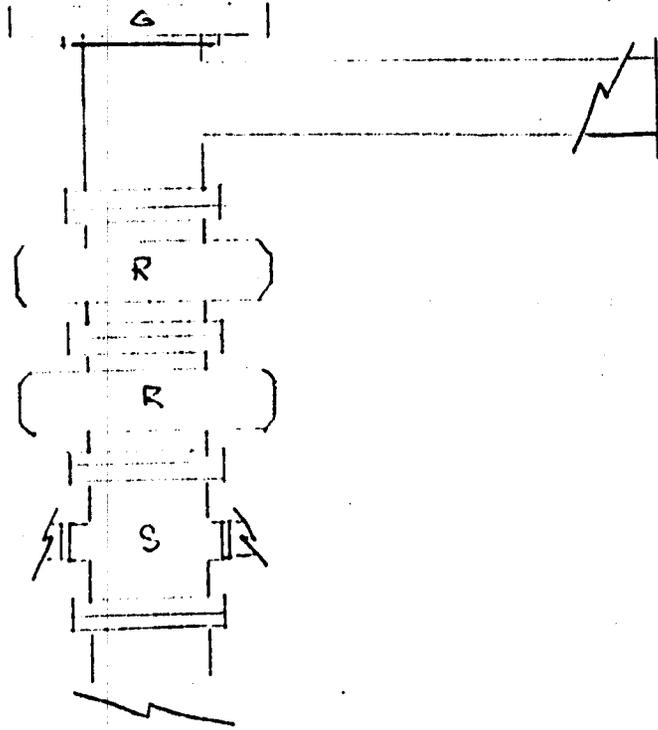
Plat No. 1 A

GRAFTON AREA

Geologist Drawing



HIGH MESA No. 2  
DRILLER'S BLOW-OUT PREVENTER  
STACK ARRANGEMENT



3M - 8" - SRRG & Bag Type Hydrill Air Type

Shafer Double Ram 900 Series

Pipe rams and blind rams overset by airbag hydrill

MULTI-POINT SURFACE USE  
AND OPERATION PLAN

1. EXISTING ROADS

- 80  
2000
- A. For the location of the proposed well and the existing roads, see the attached Topographic Map "A". The proposed well is located in the SW1/4, SE1/4, NE1/4, of Section 9, T. 42 S., R. 11 W., S.L.B. & M., Washington County, Utah. See Well Plat.
  - B. The proposed well is located approximately 20 miles east and northeast of Hurricane Post Office, Hurricane, Utah. From Hurricane proceed 14.6 miles to turn off on County Road. Follow the county road north approximately 4.0 miles to where you turn off to the bench. Proceed north 1.2 miles along a jeep road through Section 16 to Section 9 on Topographic Map "A". This road will hold heavy equipment. A new access road approximately 728' north of northeasterly direction will need to be constructed from jeep road to location of the proposed well. The proposed access road is discussed under Item 2.
  - C. The proposed route is color coded in green on Topographic Map "A" from Hurricane, Utah, to well location.
  - D. Not applicable.
  - E. This is a proposed development location and the Topographic Map "B" shows all existing roads within one mile of the well.
  - F. The only plans for improvements or maintenance of existing roads within one mile of the well is stated in Item "B".

## 2. PLANNED ACCESS ROADS

A planned access road approximately 728' in length is proposed to the new well location. It is proposed to up-grade the access road only to the extent to allow drilling equipment and related vehicles to traverse to the well pad. Construction will be done in areas necessary to reduce the grade of the road to the maximum 5% and will return to the existing grade as much as possible. In the event commercial quantities of oil are discovered, it is proposed to upgrade the road to the following specifications as per Figure 6 - Page 26, Oil & Gas - United States Dept. of Agriculture, 2nd Edition; which may include but not be limited to, ditching, draining, installation of culvert, graveling, crowning or capping of the road bed. See Topographic Map "8" showing route of permanent road.

1. The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal weather conditions that are prevalent to this area.
2. The grade of this road will vary from flat to 5%, but will not exceed this amount. This road will be constructed from native barrow accumulated during construction. The average grade will be 2.5%.
3. If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

4. Drainage design for the temporary road will be designed to follow natural contours to minimize cut and fill. Design will be to minimize surface interference. Adequate ditching will be installed along the side of access road to create proper drainage.
5. Not applicable.
6. Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated, unless surface proves to be unstable under adverse conditions; at that time the appropriate materials will be used to surface road and-or pad.
7. No fences or cattleguards are necessary along access road because there are no fences or cattleguards in area at present time.
8. The road has been center-lined flagged for the full distance of proposed route.

3. LOCATION OF EXISTING WELLS

As shown on the Topographic Map "B", there are no other known wells within a one mile radius of the proposed development well. For informational purposes, the map shows the following wells within a two mile radius of the proposed well.

1. Water wells - none.
2. Abandoned wells - none.
3. Temporarily abandoned wells - none.
4. Disposal wells - none.
5. Drilling wells - none.
6. Producing wells - none.
7. Shut-in wells - none.
8. Injection wells - none.
9. Monitoring wells - none.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. There are no existing production facilities located within one mile of the proposed well. See Topographic Map "B".
1. Tank batteries - none.
  2. Production facilities - none.
  3. Oil gathering lines - none.
  4. Gas gathering lines - none.
  5. Injection lines - none.
  6. Disposal lines - none.
- B. The attached Plat No. 3 shows the proposed production facilities in the event commercial oil is encountered. The off location oil gathering line or storage facilities will be proposed and plans submitted by High Mesa Oil Co. after the well is completed and tested.
1. See Plat No. 3 for pad layout.
  2. See Plat No. 3 for dimensions of facilities.
  3. Construction materials will be native borrow or cut exposed on the site, gravel base for pump jack and storage tanks, and fencing materials.
  4. A three strand barb wire fence will be constructed and maintained around any disposal pits during the drilling and completion phase of the well. When these pits are no longer needed or within 90 days, they will be covered over with native borrow material and rehabilitated to conform with the provisions of the rehabilitation agreement on BLM standards. A welded pipe fence will be constructed around the wellhead to prevent access to livestock or larger wildlife.
- C. Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil saved on the site. This area will be reseeded as per current BLM guidelines, if requested.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water to be used to drill this well is to be hauled from Hurricane, Utah.. Haul point will be from any fire hydrant in Hurricane, Utah, to the proposed well. (See attached letter of authorization from Willard Webb, Water Master, City of Hurricane; Hurricane, Utah.)
- B. Water will be hauled by 100 bbl capacity trucks on the above described route. See route on Topographic Map "A".
- C. No water well will be drilled on this lease.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time but if they are required, the appropriate actions will be taken to acquire them from private sources after notification is given to the proper regulatory agencies.
- B. Items described in part "A" are from Federal lands or private sources.
- C. See part "A".
- D. No other access roads are required other than described in Item "2".

7. METHODS FOR HANDLING WASTE DISPOSAL

See Plat No. 1 (Location Layout) for the size and location of the reserve and burn pits.

- 1. Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed in the reserve pit on the location pad. This pit will be approximately 8 feet deep and at least one-half of this depth shall be below the existing ground level. One half of this pit will be used as a fresh water storage during the drilling of the well. The disposal and storage areas shall be separated by a dike. Dust produced during the air drilling phase shall be suppressed by inserting a water hose with a spr nozzle into the 7" flow line. A water mist will be continuously injected

into the dust stream during any dusting phase of the drilling. The well site will be kept free of litter and extraneous machinery.

2. Drilling fluids will go to reserve pit. When drilling is completed reserve pit will be covered and backfilled.
3. See Item "1" above for disposal of produced water. Any oil produced at the well is connected to a storage tank to be collected on location and trucked for sale to the buyer to be determined at that time. No gas production is anticipated from this well.
4. A portable chemical toilet will be provided for human waste during the drilling phase.
5. Garbage and other waste material will be disposed by burning in a fenced trash pit. This pit will have a small mesh screen on all four sides to prevent wind scattering and prevent any fire hazard. Upon completion of the drilling of the well, this pit will be buried with a minimum of four feet of soil.
6. Immediately after the drilling rig moves off the location, the remaining trash and flammable material will be collected and burned or buried. The reserve pit will be fenced on the open side to protect domestic animal and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids. As soon as the testing completed, the pit will be covered. The drilling pad will then be reclaimed as detailed in item "10" discussed below.

8. ANCILLARY FACILITIES

No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

See Plat No. 1 - A & B (Location Layout & Cut Sheet) which shows the following items:

1. Three cross sections of the pad showing details of the cuts and fills.
2. Location of the mud tanks, reserve, burn and trash pit, pipe racks, living facilities and topsoil stockpile.
3. Rig orientation, parking areas and access road.
4. All pits will be unlined unless it is determined by the representatives of the agencies involved that the pad materials are too porous and would not prevent contamination to the surrounding area; in which case the pits will be lined with a bentonite material and any other type material necessary to make it safe and tight.

10. PLANS FOR RESTORATION OF SURFACE

1. Upon completion of the testing phase of the well and prior to the storage tank hookup, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography and the stockpiled soil redistributed over the unused disturbed area. After final plugging and abandonment of the well, the entire disturbed area will be countoured and topsoil spread over any previously disturbed area.
2. The revegetation of the drill site area and access not needed to carry on production operations will be reseeded with a seed mixture recommended by the BLM District Manager. Revegetation will be done by broadcasting Indian ricegrass (*Oryzopsis Hymenoides*) on all disturbed soils at a rate of 5 lbs. per acre, after operation cease. It will be performed at a time of the year when the moisture content of the soil is adequate for germination. The Lessee agrees that all of the clean-up and restoration activities shall be done in a diligent and timely manner and in conformity with the above mentioned Item #7 and #10 (1).
3. All pits will be fenced prior to disposal of any waste material and the

open side of the reserve pit will be maintained in good condition until Item "1" is started.

4. Any oil or condensate on any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.
5. Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun, they shall be completed within 30 days. All wellhead and surface equipment will be painted to blend with the environment according to the BLM recommendations.

11. OTHER INFORMATION

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The general topography of the Grafton Mesa Valley consists of a high mountain plateau cut by steep walled canyons. Elevations generally range from about 4450' on the valley bottoms to 4650' on the top of the plateau. The shinarump conglomerate formation is a weather resistance cap which has produced the flat-top nature of the area. In the area of the proposed well, the well is situated close to a small knoll to the south and west of the well pad area. The elevation is approximately 4599.0' and is located on a rise of the Grafton Mesa.

The surface is in the middle of shinarump conglomerate formation.

Vegetation in the area consists of rabbit brush, shadscale, and sagebrush in a sparse covering, with a few scattered juniper trees. Minimum removal of any of these plants and trees may be necessary, but will be done to conform to the BLM recommendations.

Fauna of the area consists of coyotes, rodents, birds, and fauna connected to the 4000' to 5000' altitude environment. Access to the well is across federal leases while the drilling pad location

is on federal lease property from the BLM.

The U-15526 High Mesa No. 2 sits off the edge of rim of Grafton Mesa and in the Virgin River valley. There are no springs or private properties in that general area. The terrain in the general area is slight rolling hills. There are no occupied dwellings or other facilities in the general area.

See the attached copy of archeological report for discussion of the significance of area.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Met Johnson, General Partner  
831 Cedarwood Lane  
Cedar City, Utah 84720

and/either/or

Russell Knight, General Partner  
Delta, Utah 84624

13. CERTIFICATION

I hereby certify that I, or persons under my direct Supervision, have inspected the proposed drill site and access road, 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 High Mesa Oil Company and its contractors and sub-contractors, in conformity with this plan and terms and conditions under which it is approved.

3-12-81  
Date

  
Met Johnson  
General Partner  
Lease Owner

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Utah State Office  
CEDAR CITY DISTRICT OFFICE  
Summary Report of  
Inspection for Cultural Resources

HIGH MESA No. 2  
Archeological Report

1. Project Name, Developer <i>Graco - Three oil well pads and necessary access south of Rockville</i>	
2. Legal Description of Project Area (Attach Map Also) <i>Legal descriptions not available at the time of inspection.</i>	
3. Institution Holding Antiquities <i>Intersect</i>	4. Antiquities Permit No. <i>N/A</i>
5. Dates of Field Work <i>6 Oct 80</i>	
6. Description of Examination Procedures <i>Undertaken follow to sites by Scott Johnson, developer representative. Each pad and well access examined on the ground. Existing tracks to be upgraded and used for access were driven.</i>	
7. Description of Findings (Attach forms or detailed report, if appropriate) <i>No archeological sites or materials noted.</i>	
8. Actual/Potential National Register Properties Affected <i>None</i>	
9. Conclusions/Recommendations <i>Development of the well pads and access would not be in conflict with archeological resources</i>	
10. Signature of Person in Direct Charge of Field Work <i>Andrew F. Dolbey District Archeologist</i>	
11. Signature of Title of Institutional Officer Responsible	

\*\* FILE NOTATIONS \*\*

DATE: 5-15-81

OPERATOR: High Mesa Oil Company

WELL NO: High Mesa #2

Location: Sec. 9 T. 42S R. 11W County: Washington

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-053-30041

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK as per Rule C-3(c) Topo exception as per topo map conformance upon contacting oil & gas rights within 660' from proposed location

Administrative Aide: as per C-3(c); Needs topo request. ok on any other oil & gas wells.

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

Plotted on Map

Approval Letter Written

Hot Line

P.I.

June 3, 1981

High Mesa Oil Company  
831 Cedarwood Lane  
Cedar City, Utah 84720

Re: Well No. High Mesa #2  
Sec. 9, T. 42S, R. 11W, SE NE  
Washington County, Utah

Insofar as this office concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that High Mesa Oil Co. owns or controls the acreage within a 660' radius of the proposed well site, and a written statement as to the necessity of unorthodox location.

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

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

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

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

The API number assigned to this well is 43-053-30041.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko  
CC: 4565

High Mesa Oil Co.

Form 9-281 C  
(May 1983)

SUBMIT IN TRIPLIC.  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RECEIVED**  
SEP 01 1981

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  
Landmark Drilling Corporation

3. ADDRESS OF OPERATOR  
4764 South 900 East, Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface SW 1/4, SE 1/4, NE 1/4 of Sec. 9, T42S, R11W,  
SLB & M  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
20 Miles from Hurricane Post Office, Hurricane, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
2889.26' S & 889.12' NE Corner of Section 9

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4599.0 GR

5. LEASE DESIGNATION AND SERIAL NO.  
U-15526

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Not Applicable

7. UNIT AGREEMENT NAME  
Not Applicable

8. FARM OR LEASE NAME  
Landmark/High Mesa No. 2

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No. 2

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW 1/4, SE 1/4, NE 1/4 of Sec. 9, T42S, R11W,  
SLB & M

12. COUNTY OR PARISH  
Washington

13. STATE  
Utah

16. NO. OF ACRES IN LEASE  
960

19. PROPOSED DEPTH  
4700'

17. NO. OF ACRES ASSIGNED TO THIS WELL  
169

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
Immediate Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	30 lbs.	250'	115 sacks cement
7-5/8"				(Return to the Surface)

Propose to drill surface on 12-1/4" surface hole to 250' and set 250' of 8-5/8" casing cement into the surface. Then drill 7-5/8" hole to total depth (T.D.) - Operator proposes to test all shows of oil and/or gas.

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.

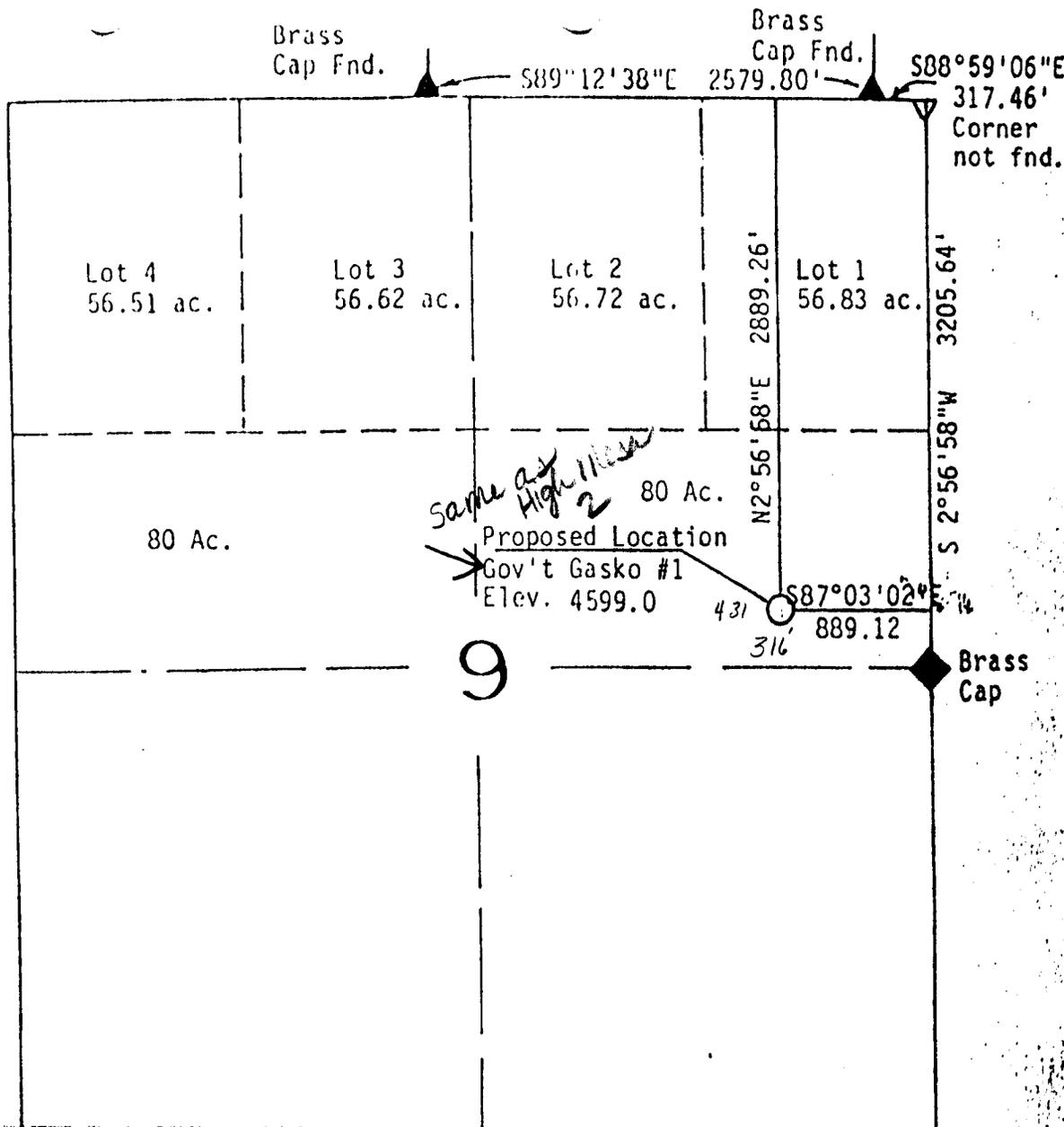
24. SIGNED Lewis F. Wells TITLE Vice President DATE August 28, 1981  
(This space for Federal or State office use)

PERMIT NO. (ORIG. SGD.) R. A. HENRICKS APPROVAL DATE  
APPROVED BY Production Unit Supervisor FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR DATE AUG 28 1981  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL  
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
\*See Instructions On Reverse Side  
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Production Facilities and Flowline NOT Approved

State Oil & Gas



○ Well Location

Lease Number U-15526

High Mesa No. 2 is the same as Gasko No. 1 for submission records.

*Ralph Matheson*  
586-3004

PROPOSED WELL

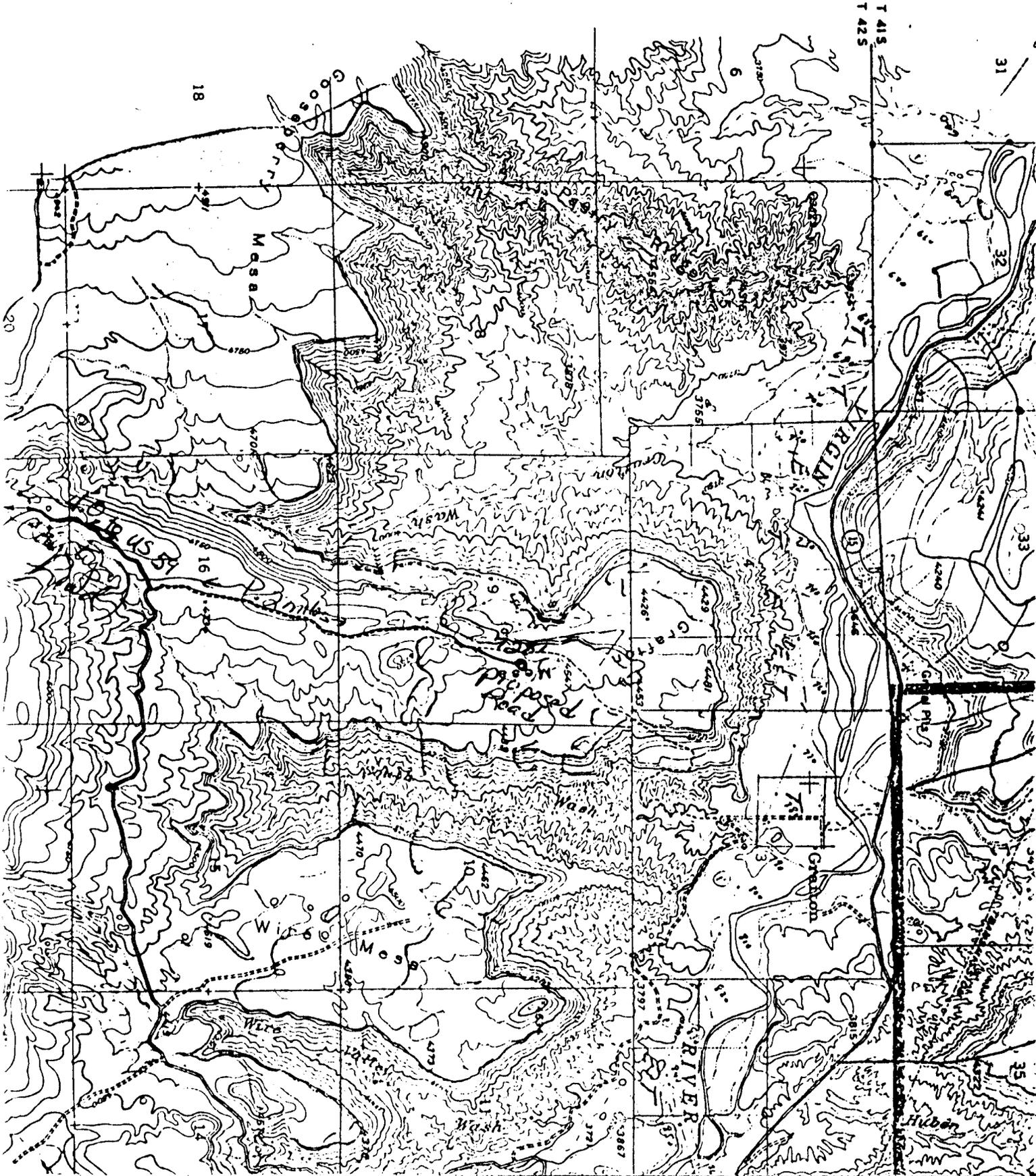
HIGH MESA No. 2

Appl. No. U-15526

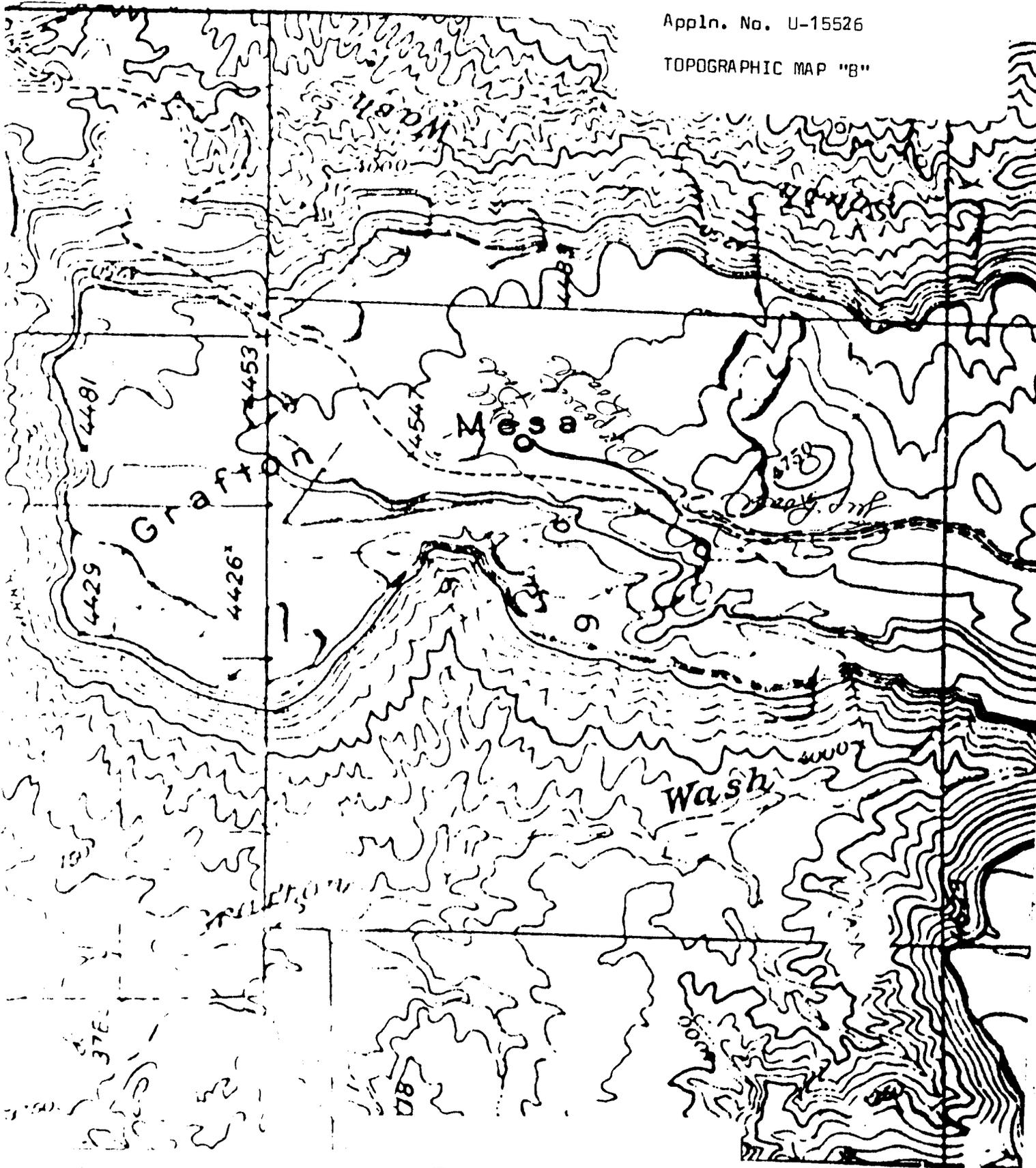
TOPOGRAPHIC MAP "A"

Scale 1" = 4 mi.

North →



PROPOSED WELL  
HIGH MESA No. 2  
Appln. No. U-15526  
TOPOGRAPHIC MAP "B"



- Well Location
- Jeep Road
- Access Road

80  
200

Identification No. 357-81

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator HIGH MESA OIL COMPANY LANDMARK DRILLING CORP.  
Project Type OIL WELL  
Project Location SW/4, SE/4, NE/4, SEC 9, T42S, R11W  
Well No. 2 Lease No. U-15526  
Date Project Submitted 3-18-81

FIELD INSPECTION

Date 4-21-81

Field Inspection  
Participants

<u>GEORGE DIWACHAK</u>	<u>USGS</u>
<u>DAVE BRINE</u>	<u>BLM</u>
<u>BOB BROWN</u>	<u>BLM</u>
<u>RUSSEL KNIGHT</u>	<u>HIGH MESA</u>
_____	_____
_____	_____
_____	_____

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.

5/1/81  
Date Prepared

George J. Diwachak  
Environmental Scientist

I concur

5/1/81  
Date

E. [Signature]  
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)						
1. Public health and safety						2,	6	6 (4-21-81)	4
2. Unique charac- teristics	1 (4-22 81)					2,	6	6	4,8
3. Environmentally controversial							6	6	4,8
4. Uncertain and unknown risks						2	6	6	4,8
5. Establishes precedents							6	6	4
6. Cumulatively significant							6	6	4
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law							6	6	4,8

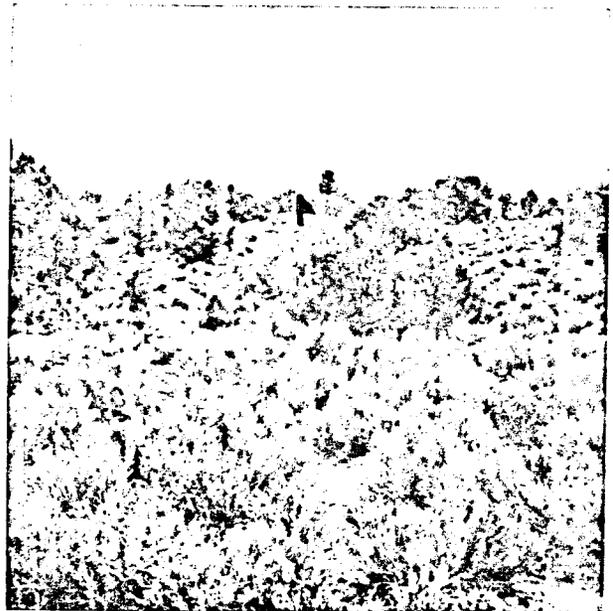
CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

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 for Permit to Drill
5. Operator Correspondence
6. Field Observation (INCLUDING FIELD NOTES)
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS



HIGH MESA #2

↑  
N



HIGH MESA #2

↑  
NE

## RECOMMENDED STIPULATIONS

1. REVEGETATION OF THE WELLSITE WILL NOT BE NECESSARY DUE TO THE ROCKY NATURE OF THE AREA.
2. UPGRADING OF THE TWO MILES OF JEEP TRAIL AND NEW ACCESS ROAD CONSTRUCTION SHALL BE LIMITED TO THE DEGREE NECESSARY TO ALLOW ACCESS OF DRILLING EQUIPMENT AND RELATED VEHICLES
3. IF THE WELL IS PRODUCIBLE ROAD UPGRADING SHALL FOLLOW SPECIFICATIONS OUTLINED IN THE SURFACE USE PLAN OF THE APD.
4. ALL SURFACE DISTURBING ACTIVITIES WILL BE KEPT TO A MINIMUM NECESSARY TO DRILL THE EXPLORATORY WELL.
5. IN ORDER TO KEEP AS MUCH PROTECTIVE SCREENING AS POSSIBLE, REMOVAL OF TREES WILL BE KEPT TO THE NECESSARY MINIMUM.
6. SINCE THE IMPROVED ROAD WILL ATTRACT RECREATIONISTS, THE DRILL SITE MUST BE KEPT TIDY AT ALL TIMES
7. IF FRACTURED BEDROCK IS ENCOUNTERED DURING RESERVE PIT CONSTRUCTION, THE PIT WILL BE LINED WITH AN IMPERVIOUS MATERIAL
8. ANY PERMANENT PRODUCTION EQUIPMENT PLACED ON THE DRILL PAD WILL BE PAINTED A COLOR TO BLEND IN WITH THE SURROUNDINGS.

9. THE BUREAU OF LAND MANAGEMENT, DIXIE RESOURCE AREA,  
ST. GEORGE, UTAH SHALL BE NOTIFIED AT LEAST 48 HOURS  
PRIOR TO COMMENCEMENT OF CONSTRUCTION OPERATIONS.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
 Dixie Resource Area Office  
 P. O. Box 726  
 St. George, Utah 84770

April 22, 1981

George Diwachak  
 U.S.G.S.  
 2000 Administration Bldg.  
 1745 West 1700 South  
 Salt Lake City, Utah 84104

Dear George:

In regards to our on site inspection of High Mesa Well No. 2 with Russel Knight of High Mesa Oil Company and Bob Brown our T&E plant specialist, I make the following recommendations and stipulations for this site:

1. Due to the rocky nature of this site and the fact that there are presently few forbs or grass species growing and that erosion is not a problem I do not recommend attempting revegetation.
2. Until such time as a producing well becomes a reality, the upgrading of the existing jeep road and the new extension road will be only to the degree necessary to allow drilling equipment and related vehicles.
3. All surface disturbing activities will be kept to the minimum necessary to drill the exploratory well.
4. In order to keep as much protective screening as possible, removal of trees will be kept to the necessary minimum.
5. Because the improved road will attract recreationists the drill site will be kept tidy at all times.
6. BLM will be notified by the contractor prior to commencement of operations.

Attached is the T&E plant clearance.

Sincerely,

Dave Brine  
 Natural Resource Specialist



U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, M~~S~~ SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-15526

OPERATOR: HIGH MESA OIL COMPANY

WELL NO. # 2

LOCATION: SW 1/4 SE 1/4 NE 1/4 sec. 9, T. 42S, R. 11W, SLB3M

WASHINGTON County, UTAH

STRATIGRAPHY PROPOSED BY OPERATOR IS REASONABLE

1. Stratigraphy:

SHINARUMP CONGLOMERATE - SURFACE		COCOCINO - 2480 ft.
MOENKOPI RED SHALE - 75 ft.		PAKOON - 3580 ft.
VIRGIN LIMESTONE - 455 ft.		CONTACT ZONE - 3980 ft.
TIMPOWEAP - 655 ft.		CALLVILLE - 4700 ft.
KIAB LIMESTONE - 730 ft.		T. D. 4700 ft.
TIMPOWEAP - 1180 ft.		
KIAB LIMESTONE - 1580 ft.		
TIMPOWEAP - 1900 ft.		

2. Fresh Water: NONE PAST SURFACE CASING.

3. Leasable Minerals: NONE EXPECTED

4. Additional Logs Needed: NONE

5. Potential Geologic Hazards: NONE EXPECTED

6. References and Remarks: -

Signature: Larry Dickerson

Date: 4-3-81

DIVISION OF OIL, GAS AND MINING

*High Mesa Oil Co*

SPUDDING INFORMATION

NAME OF COMPANY: LandMark Drilling Company

WELL NAME: High Mesa #2

SECTION SENE 9 TOWNSHIP 42S RANGE 11W COUNTY Washington

DRILLING CONTRACTOR Utah Well Service

RIG # 5

SPUDED: DATE 8-28-81

TIME 8:00 PM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Lewis Wells

TELEPHONE # 263-3462

DATE 9-1-81 SIGNED \_\_\_\_\_ DB

NOTICE OF SPUD

*Lundmark  
Drilling  
Coop.*

Caller: Lewis Wells

Phone: \_\_\_\_\_

Well Number: #2

Location: SE NE 9-425-1114

County: Washington State: Iowa

Lease Number: 11-15526

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 8/28/81 8:00 P.M.

Dry Hole Spudder ~~Rotary~~ air drilling

Details of Spud (Hole, Casing, Cement, etc.) 12"

Cemented at 204' 5 5/8 cc. 20 pounds

75 Sx5 Class H

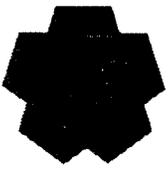
Rotary Rig Name & Number: Wells Well Service #5

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: Wells

Date: 9/1/81



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 29, 1982

High Mesa Oil Company  
831 Cedarwood Lane  
Cedar City, Utah 84720

Re: Well No. High Mesa #1  
T. 42S, R. 11W, Sec. 10  
Washington County, Utah  
(October 1981- December 1981)

Well No. High Mesa #2  
T. 42S, R. 11W, Sec 9  
Washington County, Utah  
(October 1981- December 1981)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

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 AND MINING

Cari Furse  
Clerk Typist



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

St. Patrick's Day!

High Mesa Oil Company  
831 Cedarwood Lane  
Cedar City, Utah 84720

Re: Well No. High Mesa #1  
T. 42S, R. 11W, Sec. 10  
Washington County, Utah  
(January- February 1982)

Well No. High Mesa #2  
Sec. 9, T. 42S, R. 11W.  
Washington County, Utah  
(January- February 1982)

SECOND NOTICE

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

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.

\*\* If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas and Mining for legal action.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

**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.)

5. LEASE	U-15526
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Landmark High Mesa
9. WELL NO.	2
10. FIELD OR WILDCAT NAME	Wildcat
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA	SW $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ Sec. 9, T 42 S, R 11W
12. COUNTY OR PARISH	Washington
13. STATE	Utah
14. API NO.	43-053-30041
15. ELEVATIONS (SHOW DF, KDB, AND WD)	4599 GR.

1. oil well  gas well  other

2. NAME OF OPERATOR  
Landmark Drilling Corp.

3. ADDRESS OF OPERATOR  
2225 E. 4800 S., SLC, Utah 84117

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 889' W/E line; 2889' S/N line  
AT SURFACE: Sec. 9, T 42 S, R 11 W  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input 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 checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

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

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

The Operator was granted permission to plug and abandon the High Mesa No. 2 on December 16, 1981 by Salt Lake District U.S.G.S. office, Ed Gynn, in telephone conversation of same date to fill with gravel, set cement across the Kiabab zone and plug the No. 2 along with the No.1 at the same time.

Back fill mud pits, grade and restore well site and location as per NTL-6

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Shells TITLE Pres. DATE Oct 8, 82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Landmark Drilling Corporation

3. ADDRESS OF OPERATOR  
2225 E. 4800 South, SLC, Utah 84117

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 889' W/E line; 2889' S/ N line;  
AT SURFACE: Sec. 9, T 42 S, R 11 W  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>
(other)	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE	U-15526
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Landmark High Mesa
9. WELL NO.	2
10. FIELD OR WILDCAT NAME	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$ Sec. 9, T 42 S, R 11 W
12. COUNTY OR PARISH	13. STATE Washington   Utah
14. API NO.	43-053-30041
15. ELEVATIONS (SHOW DF, KDB, AND WD)	4599' GR

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

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

The Operator on December 17, 1981, plugged the High Mesa No. 2 with 25 Cu. ft. plug of concrete on bottom, gravel filled to 1300' and set 25 Cu. ft. plug at 1300', gravel packed to 250'. Set cement plug 25 Cu. ft. set up into surface pipe and 5 sack plug for surface dry hole marker.

Mud pits filled and leveled. Surface marker set. Location leveled and graded for abandonment.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Shells TITLE Pres DATE Oct. 7, 82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 29, 1982

Landmark Drilling Corporation  
2225 East 4800 South, Suite 100  
Salt Lake City, Utah 84117

Re: Well No. High Mesa #1 & #2  
Sec. 10 & 9, T. 42S, R. 11W.  
Washington County, Utah

Gentlemen:

We received Well Completions from your company on the two above referenced wells. Currently, our records show that High Mesa Oil Company is the operator. If these wells are now operated by your company, it is your responsibility to send in a "Sundry Notice, OGC-1b" (enclosed), stating that High Mesa Oil Company turned operations over to you. If High Mesa is still the operator, then please explain why your company sent in the Well Completion Reports for the two above wells.

Thank you for your prompt attention to the above matter.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Clerk Typist

CF/cf  
Enclosures

# Landmark Drilling Corporation

December 6, 1982

State of Utah  
Natural Resources & Energy  
Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Re: Operator on High Mesa # 1 and #2 wells  
Sec. 9 and 10, T.42 S, R 11 W  
Washington County, Utah

Gentlemen:

High Mesa Oil Company has given the assignment of the lease to Landmark Drilling. Landmark is the Operator on the High Mesa #1 and #2 wells.

Sincerely,



Lewis F. Wells

LFW/hw

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U 15526
<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>
<b>2. NAME OF OPERATOR</b> Landmark Drilling Corp.		<b>7. UNIT AGREEMENT NAME</b>
<b>3. ADDRESS OF OPERATOR</b> 2225 East 4800 South, SLC, Utah 84117		<b>8. FARM OR LEASE NAME</b> Landmark High Mesa
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface 889' W/E line; 2889' S/N line Sec. 9, T 42 S, R 11 W		<b>9. WELL NO.</b> 2
<b>14. PERMIT NO.</b> 43-053-30041		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> 4599 GR		<b>11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA</b> SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 9, T 42 S, R 11 W
		<b>12. COUNTY OR PARISH</b> Washington <b>13. STATE</b> 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 checked="" 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) <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.)\***

The Operator was granted permission to plug and abandon the High Mesa No. 2 on December 16, 1981 by Salt Lake District U.S.G.S. office, Ed Guynn, in telephone conversation of same date to fill with gravel, set cement across the Kiabab zone and plug the No. 2 along with the No. 1 at the same time.

Back fill mud pits, grade and restore well site and location as per NTL-6.

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

SIGNED *B. Hall* TITLE President DATE Dec 6, 82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: