

**WOODS**

**PETROLEUM**  
*Corporation*



AMERICAN BANK BUILDING  
123 WEST 1st STREET  
SUITE 710-20  
CASPER, WYOMING 82601  
(307) 265-2884

September 23, 1983

Bureau of Land Management  
Branch of Fluid Minerals  
136 E. South Temple  
11th Floor  
Salt Lake City, Utah 84111

Re: Woods #11-1 Federal  
SW NE Sec. 11, T 38S, R 21E  
San Juan County, Utah  
Lease: U-18428

Gentlemen:

We submit the following application and plats for authorization to drill the above-captioned well.

1. Existing Roads

- A. See attached maps.
- B. From Blanding, Utah, go south approximately 4 miles on US 163; then west on Utah 95 for approximately 5-6 miles; then south approximately 5 miles on Black Mesa Road to access road and location.
- C. See Plat #3 - Transportation Map.
- D. All roads within a three-mile radius are unimproved or county maintained and shown on Plat #3.
- E. All roads within a one-mile radius are unimproved or county maintained and shown on Plat #3.
- F. Only minimal blading of existing roads is planned, except for access road (.3 mi.) which will be crowned and ditched. Roads will be limited to a total disturbed width of 20', whether improvement to existing roads or new construction.

2. Planned Access Road

1. Approximately .04 miles of new access road will be built. See Plat #4A. New construction will be limited to a total disturbed width of 20'.
2. Grades are minimal (less than 5%).
3. No turnouts will be constructed.
4. Only natural drainage exists and no new drainage will be constructed at this time. If the well is a producer, access road will be upgraded per landowner's requirements.
5. There will be no culverts installed, and no cuts and fills in newly constructed road.

6. Surfacing materials will not be placed on the access road or location without prior BLM approval.
  7. There will be no fence cuts and no cattle guards installed.
  8. The new road site is flagged.
3. Location of Existing Wells - (within a two-mile radius)
1. There are no known water wells within a two-mile radius.
  2. There are no known abandoned wells within a two-mile radius.
  3. No known temporarily abandoned wells exist.
  4. No known disposal wells exist.
  5. There are no drilling wells within a two-mile radius.
  6. There are no producing wells within a two-mile radius.
  7. There is one shut-in well located in the SE SW Sec. 11, T 38S, R 21E.
  8. No known injection wells exist.
  9. There are no monitoring or observation wells for other resources known to exist.
4. Location of Existing and/or Proposed Facilities
- A. There are no tank batteries or production facilities within a one-mile radius, and no oil or gas gathering lines, injection lines, or disposal lines owned or controlled by Woods Petroleum Corporation.
  - B. New facilities contemplated in the event of production are shown on Plat #7 - Production Facility.
    1. Proposed location and attendant line will be flagged if off of well pad - See Plat #7.
    2. Dimensions of facilities - see Plat #7.
    3. No surfacing of area planned. Native subsoil only will be utilized.
    4. An earthen dike utilizing subsoil in the area immediately surrounding the storage tanks and treater will be constructed to contain oil should a leak occur in the storage tanks. Burn pit will be fenced and flagged to protect wildlife and stock.
  - C. After completion of construction, in the event the well is a producer, the reserve pit when dry will be filled and recontoured to as near the same topography as before being disturbed. All of the site which is not utilized in normal production operations will be recontoured and topsoil redistributed over that area. Seeding of that area will be in accordance with the landowner's requirements and at a time of year when establishment is most likely to succeed. Rehabilitation will be performed in compliance with BLM stipulations.
5. Location and Type of Water Supply
- A. Water will be diverted from Cottonwood Wash for use in drilling this well.
  - B. Water will be pumped from the creek and carried to the location through above-ground piping or trucking, whichever is most feasible.

C. NA.

6. Source of Construction Materials

- A. Gravel will be required.
- B. No construction materials from Federal or Indian lands will be used.
- C. Subsoils only on the approved location will be utilized. Additional construction materials will come from commercial sources in the area.
- D. NA

7. Methods for Handling Waste Disposal

1. Drill cuttings are to be contained in earthen reserve pit.
2. Drilling fluids are to be contained in earthen reserve pit.
3. The produced fluids will be produced in a test tank until such time as construction of treating facilities is completed.
4. A chemically treated waste hole for sewage discharge will be constructed. Upon well completion sewage will be buried at least 6' deep.
5. Garbage and other waste materials are to be contained in trash cage completely enclosed with small mesh wire. This trash is to be burned periodically, and at completion of drilling operations buried 4' deep.
6. The site will be policed when rig leaves location.

8. Ancillary Facilities

1. None.

9. Wellsite Layout

1. As indicated on Plat #4 - surveyor's plat.
2. As indicated on Plat #5 - drill site layout.
3. As indicated on Plat #5 - drill site layout.
4. Pits will be unlined.

10. Plans for Restoration of Surface

1. Fenced pit will be allowed to dry, will be backfilled, recontoured and reseeded as required by BLM or surface owner.
2. After restoration on surface area and access road, complete fall seeding after October 1, and prior to ground frost, or complete spring seeding after frost has left the ground prior to February 28, as required by BLM. The seed mixture will consist of 2 lbs/acre Indian ricegrass, 4 lbs/acre crested wheatgrass, 2 lbs/acre fourwing saltbush, & 1 lb/acre wild sunflower. The top 12" of soil material will be removed from the location and stockpiled separate from the trees on the NW side. Topsoil along the access will be reserved in place. During reclamation, all disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped 12" deep with the contour. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.

3. Pit will be fenced on three sides during drilling and so maintained until cleanup. Immediately after rig release pit will be fenced on four sides.
4. If oil is in pit, it will be removed or pit will be flagged overhead, as required.
5. Estimated date for starting rehabilitation operations will be governed by fluids in the pit, approximately in the spring of 1984.

#### 11. Other Information

1. The Woods #11-1 Federal well is located in the interior Black Mesa which is east of the Comb Ridge monocline. The location is sitting on the edge of a terrace west of a small deep arroyo which drains into another unnamed tributary wash of Cottonwood Canyon. Flora consists of 70% ground cover of low sagebrush and sparse grasses, plus a few young juniper. Pinion juniper woodland on slope across arroyo to east. Dominant fauna includes white-tailed deer, rabbits and other rodents, coyote, grouse and other small and raptorial birds. Soils consist of a light reddish-brown silty sand overlying Dakota sandstone bedrock. Wellsite corner cuts and fills that will be required are: N - 2.9' fill; S - 2.9' cut; E - 8.8' fill; W - 6.5' cut. There will be an approximate 6' cut at drill point. See attached surveyor's plat.
2. Surface use in the general area of the site consists mainly of wildlife habitat and livestock grazing. Previous disturbance of the project area consists primarily of erosion, animal burrowing, livestock grazing and vehicular traffic. The wellsite is owned by the federal government and is Bureau of Land Management administered. There are no federal roads which will require right-of-way access. See attached map.
3. The nearest permanent water source appears to be Cottonwood Wash to the south of the project. There are no occupied dwellings, or cultural or historic sites in the immediate area. One archeological site was located during the archeological survey. The original wellsite was moved 50' S & 50' W to avoid the site.

#### 12. Lessee's/Operator's Representative

Mr. Robert Valeika will be Woods Petroleum Corporation's representative and in charge of well site construction and rehabilitation. Mr. Valeika may be reached by calling 307-265-2884 (Casper office), or 307-273-5363 (Farson office).

Mr. Danny W. Mitchell is Woods Petroleum Corporation's District Manager. Mr. Mitchell may be reached by calling 307-265-2884 (office), or 265-5434 (home).

#### 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 Woods Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: \_\_\_\_\_



Danny W. Mitchell, District Manager  
Woods Petroleum Corporation

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  
 WOODS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
 AMERICAN BANK CENTER, SUITE 710-20  
 123 WEST FIRST STREET, CASPER, WYOMING 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface      2030' FNL & 2030' FEL (SW NE)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 12 miles southwest of Blanding, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      2030'

16. NO. OF ACRES IN LEASE      720

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.      NA

19. PROPOSED DEPTH      6,500'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5559' GL; 5571' KB

22. APPROX. DATE WORK WILL START\*  
 October 20, 1983

5. LEASE DESIGNATION AND SERIAL NO.  
 U-18428

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 ---

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 WOODS FEDERAL

9. WELL NO.  
 11-1

10. FIELD AND POOL, OR WILDCAT  
 (Circled)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 11, T 38S, R 21E

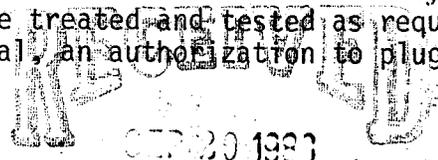
12. COUNTY OR PARISH      13. STATE  
 SAN JUAN      UTAH

DESERT CANYON

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	16"	16 ga conduit	30'	redimix
12-1/4"	9-5/8"	36# K-55 ST&C	500'	270 sx
7-7/8"	5-1/2"	15.5# K-55 LT&C	6,400'	350 sx

Woods Petroleum Corporation proposes to drill as well from surface to approximately 6,500'. 9-5/8" surface casing will be set @ 500'. The well will then be drilled to an approximate depth of 6,500'. If log analysis and/or DST results warrant completion of this well, a 5-1/2" OD production casing will be set and cemented. Potentially productive zones will be perforated, acidized, fracture treated and tested as required to establish commerciality. If the well is uneconomical, an authorization to plug and abandon will be obtained.



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: Danny W. Mitchell      TITLE: District Manager      DATE: September 26, 1983  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

COMPANY WOODS PETROLEUM CORP.

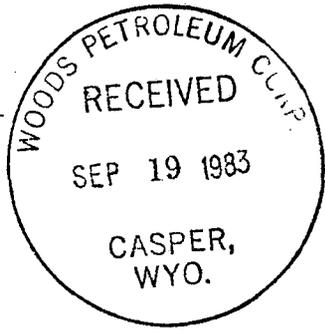
LEASE WOODS - Federal WELL No. 11-1

SECTION 11 T. 38S., R. 21E., S.L.M.

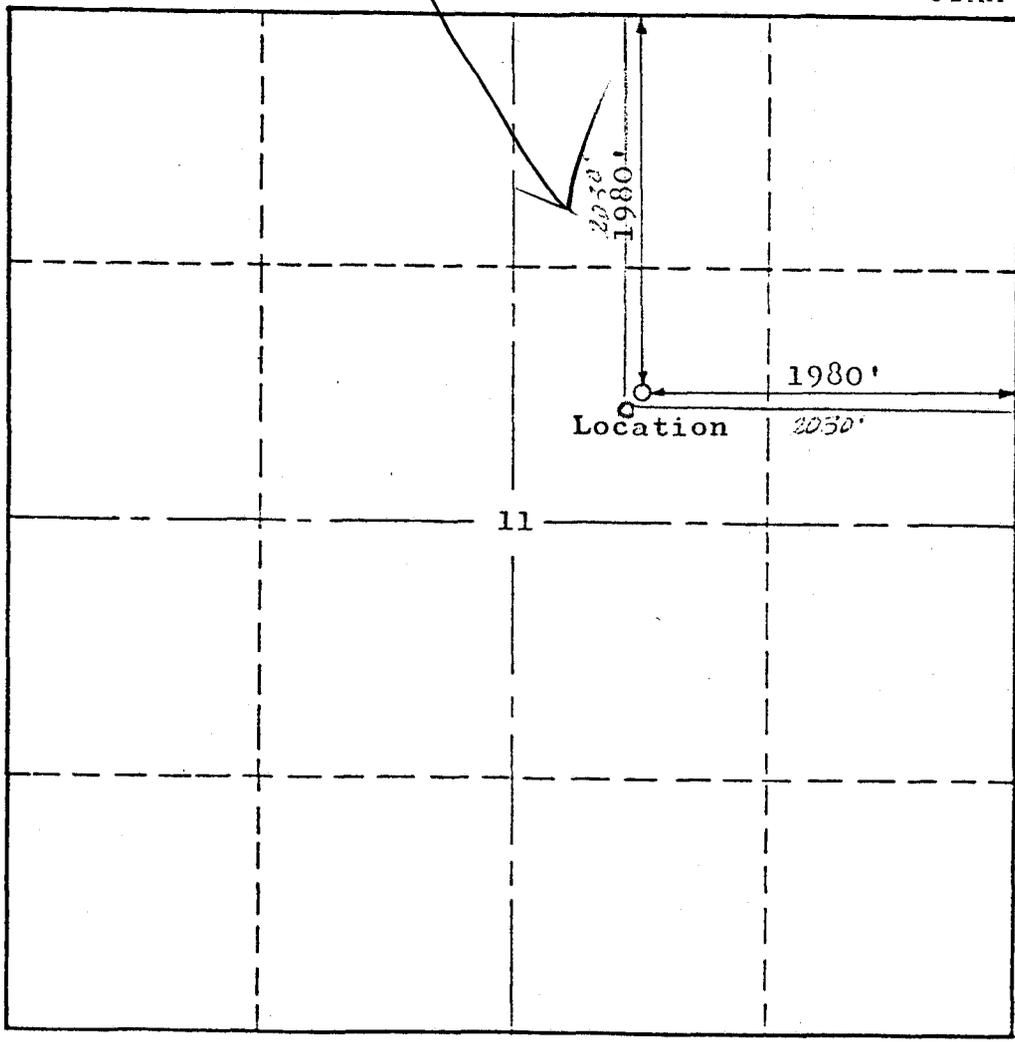
LOCATION 1980 feet from the north line  
1980 feet from the east line

ELEVATION 5559 (Ungraded)

USGS Datum



SAN JUAN COUNTY UTAH



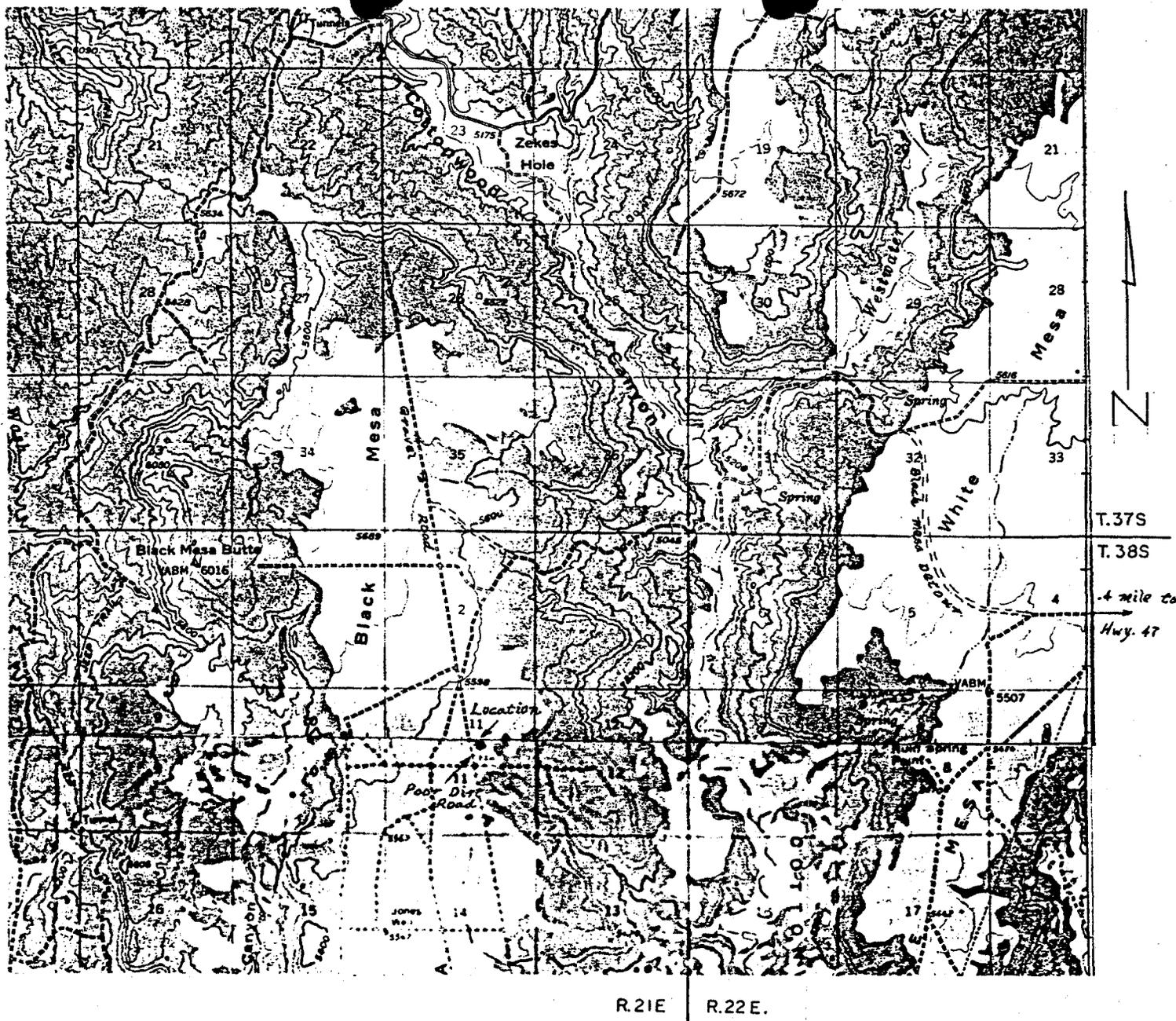
PLAT #1 - SURVEYOR'S PLAT  
WOODS #11-1 FEDERAL  
SW NE SEC. 11, T 38S, R 21E  
SAN JUAN COUNTY, UTAH  
LEASE: U-18428  
WOODS PETROLEUM CORPORATION

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: September 13, 1983

KROEGER ENGINEERING COMPANY

By: Allison L. Kroeger  
Allison L. Kroeger, PLS  
Utah Reg. No. 6159

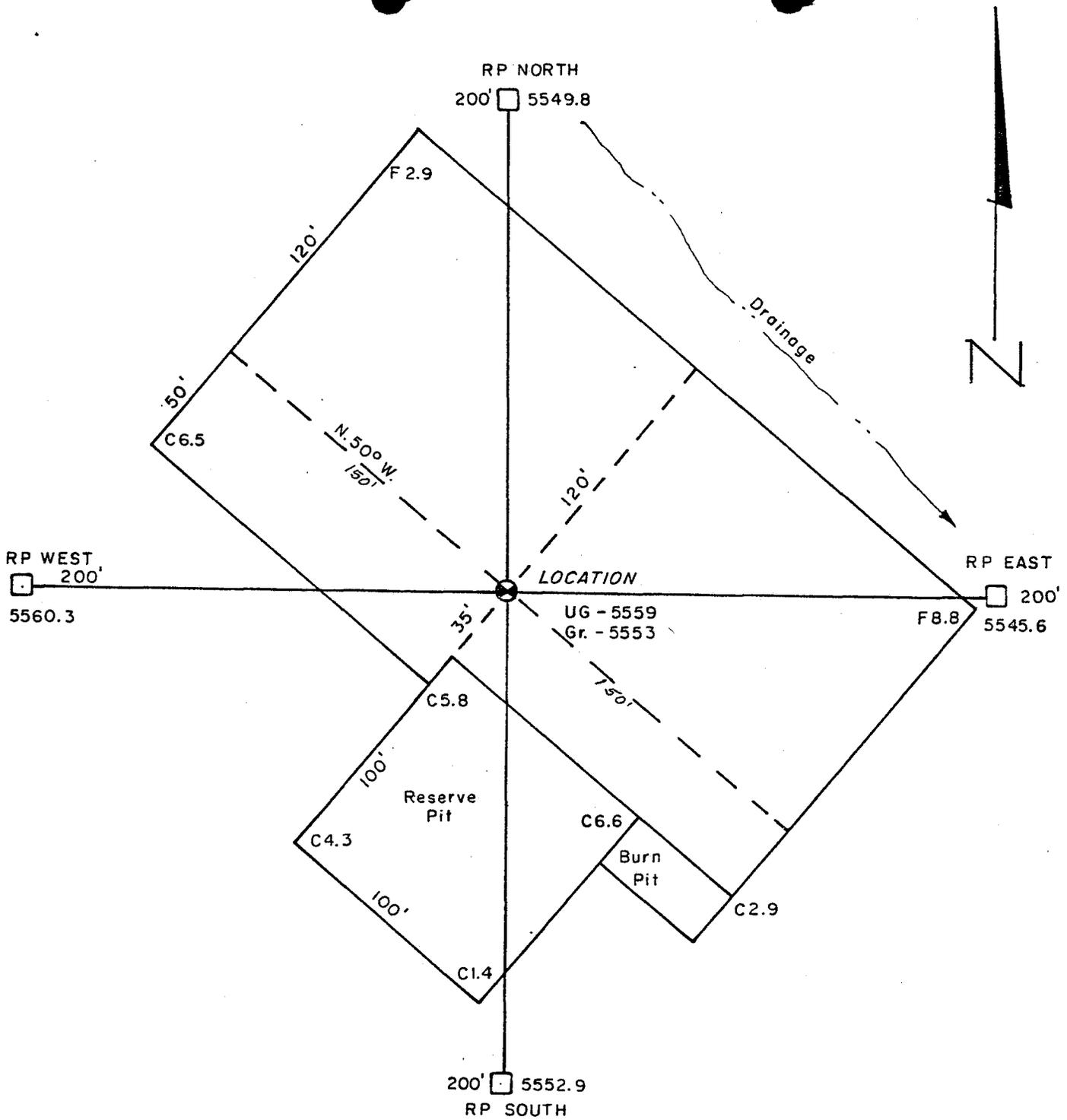


**NOTES:**

- 1) BLACK MESA DETOUR ROAD IS BLADED AND/OR GRAVELED FROM HWY. 47 TO THE NORTH LINE OF SEC. 11, T. 38S., R21E., SLM
- 2) REHABILITATE .3 MILE OF EXISTING ROAD AND CONSTRUCT 200 FEET OF NEW ROAD TO THE LOCATION.

PLAT 4A - ACCESS  
 WOODS #11-1 FEDERAL  
 SW NE SEC. 11, T 38S, R 21E  
 SAN JUAN COUNTY, UTAH  
 LEASE: U-18428  
 WOODS PETROLEUM CORPORATION

<b>WOODS PETROLEUM CORP.</b>	
<b>ACCESS ROAD</b>	
<b>WOODS 11-1 FEDERAL</b>	
Date: Sept., 1983	Scale: 1" = 5208'
Kroeger Engineering Co. Durango, Colo.	



<b>WOODS PETROLEUM CORP.</b>	
<b>WELL SITE PLAN</b>	
<b>WOODS II-1 FEDERAL</b>	
in SW1/4-NE1/4 Sec. 11, T. 38 S., R. 21 E., S. L. M. San Juan Co., Utah	
Date: Sept., 1983	Scale: 1" = 60'
Kroeger Engineering Co. Durango, Colo.	

WOODS #11-1 FEDERAL  
 SW NE SEC. 11, T 38S, R 21E  
 SAN JUAN COUNTY, UTAH  
 LEASE: U-18428

1. The geologic name of the surface is the Dakota.
2. Estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Shinarump	3060'	+2511'
Hermosa	5281'	+ 290'
Upper Ismay	6162'	- 591'
Lower Ismay	6299'	- 728'
Desert Creek	6409'	- 838'
Lower Desert Creek	6459'	- 888'
Total Depth	6500'	- 929'

3. Oil and/or gas is expected from the Upper Ismay and Desert Creek. Fresh water may be encountered at approximately 300'.

4. A. Casing Program

<u>PURPOSE</u>	<u>AMOUNT</u>	<u>SIZE</u>	<u>WT</u>	<u>GR</u>	<u>THD</u>	<u>COND</u>
Conductor	30'	16"	16 ga	conduit		
Surface	500'	9-5/8"	36#	K-55	ST&C	new
Production	6,500'	5-1/2"	15.5#	K-55	LT&C	new

All casing strings, except conductor, will be pressure tested to 0.2 psi/ft or to 1000 psi, whichever is greater.

B. Cementing Program

Conductor

0-30' Cement back to surface w/redimix

Surface

0-1,500' Circulate twice bottoms up and cement to surface with 270 sacks of class "B" cement with 1/4# /sack of cellophane flakes and 2% CaCl<sub>2</sub>. Displace cement with water.

Production

0-6,500' Circulate casing at least twice bottoms up. Pump a 15-bbl. mud flush with LWL fluid loss additive followed by about 350 sacks of class "B" cement. Displace cement with 2% KCl water. Estimated cement volumes to be calculated using claiper plus 15% with cement to be 200' above top of Hermosa.

5. BOP stack will consist of 10" 3000 psi W.P. double hydraulic preventer and annular BOP from 1,500' to total depth. All fill, kill, choke lines will be 3000 psi W.P. Pipe rams and blind rams will be tested to stack W.P. or 70% of the internal yield pressure of casing. Hydril preventer will be tested to one-half of rated W.P., as per Hydril testing procedure. Blowout preventer will be tested daily.

6. Drilling Mud Program

<u>Depth</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>pH</u>
0 - 500'	8.5 - 8.8 ppg	28 - 32	NC	NC
500 - 5,000'	8.8 - 9.0 ppg	30 - 35	15 - 20	9.0+
5,000 - 6,500'	9.0 - 10.0 ppg	32 - 38	10 - 12	10.5+

Sufficient mud materials will be stored at well site to maintain mud requirements and to control minor blowout and/or lost circulation problems.

7. Auxiliary equipment is as follows:

- (1) Kelly cocks (upper and lower)
- (2) Degasser and gas buster
- (3) A PVT and flow sensor will be used to monitor mud system. Visual checks will also be conducted.
- (4) A full-opening/quick-closing drill pipe valve will be located on the derrick floor at all times.

8. Commercial shows of oil and gas will be tested. We anticipate no drill stem tests or cores.

The logging program is as follows:

- (1) A DIL-SFL-BHC-GR-SP will be run from surface pipe to T.D.
- (2) FDC-CNL-GR will be run from 4,000' to T.D.

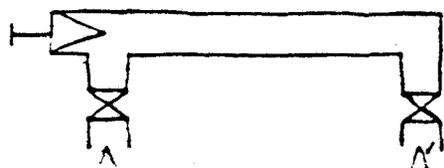
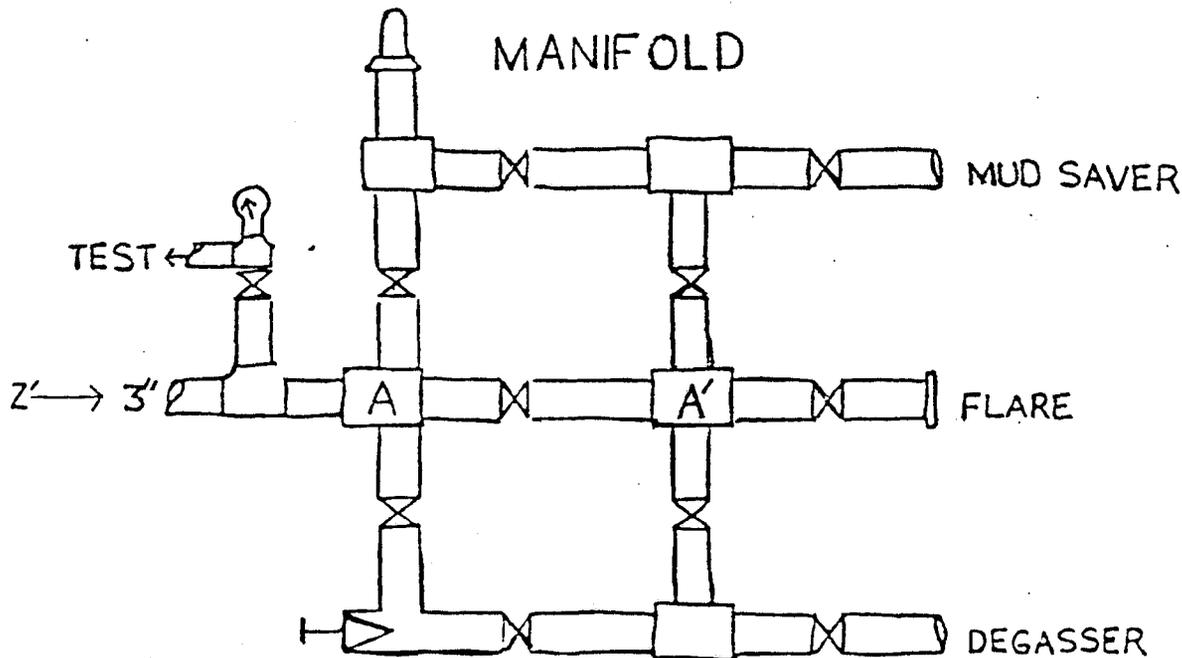
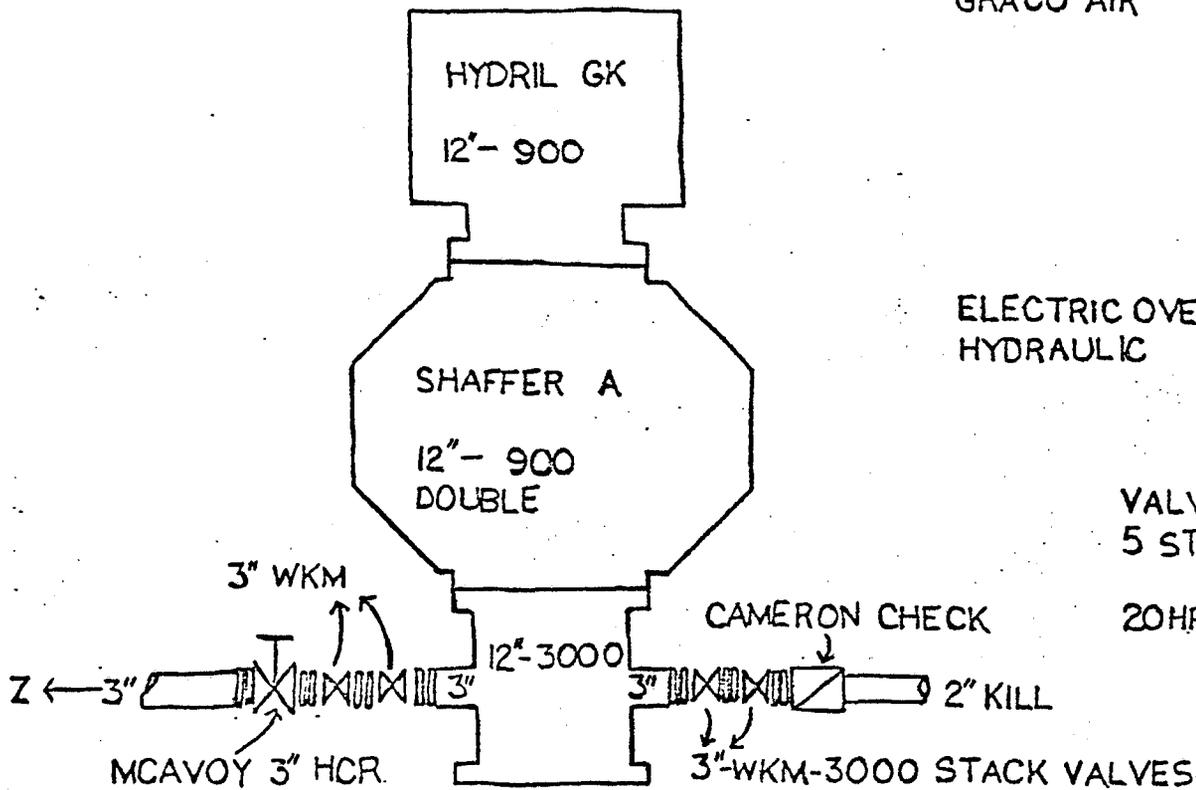
The completion intervals to be perforated will be determined after examination of electric logs.

The completion method will be to use the drilling rig or employ a work-over rig to pick up, run and pull tubing as necessary to complete the well. Additional completion and/or stimulation plans will be furnished via "Sundry Notice", Form 9-331, as soon as possible after final casing is set.

9. Bottom hole pressure is estimated at 3550 psi in the Lower Desert Creek. Mud facilities and pressure control equipment adequate for abnormal pressure will be present. Hydrogen sulfide gas is not expected. Temperatures at total depth are anticipated to approach 100°F.
10. The starting date is October 20, 1983.  
The duration of the operations will be approximately 20 days.

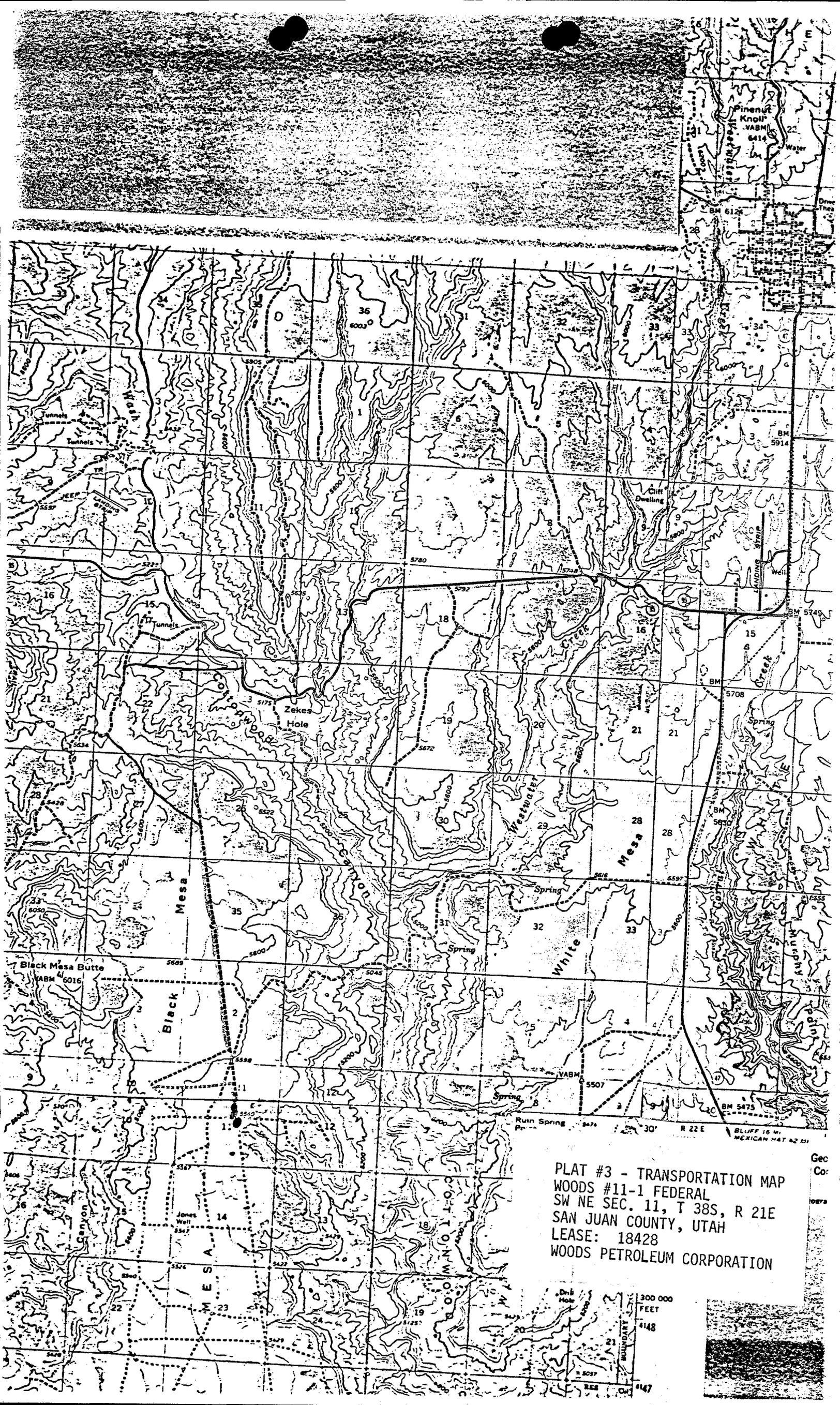
# B.O.P. SYSTEM

## STACK



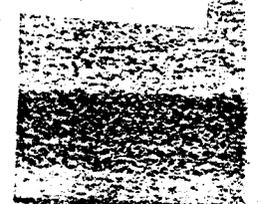
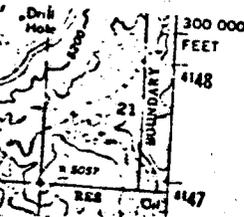
ALL VALVES - 3" - 3000 PSI. MCAVOY  
CHOKES - WILLIS ADJUSTABLE  
HYDRAULIC CONTROLS LOCATED  
AT MASTER ACCUMULATOR  
AND RIG FLOOR.

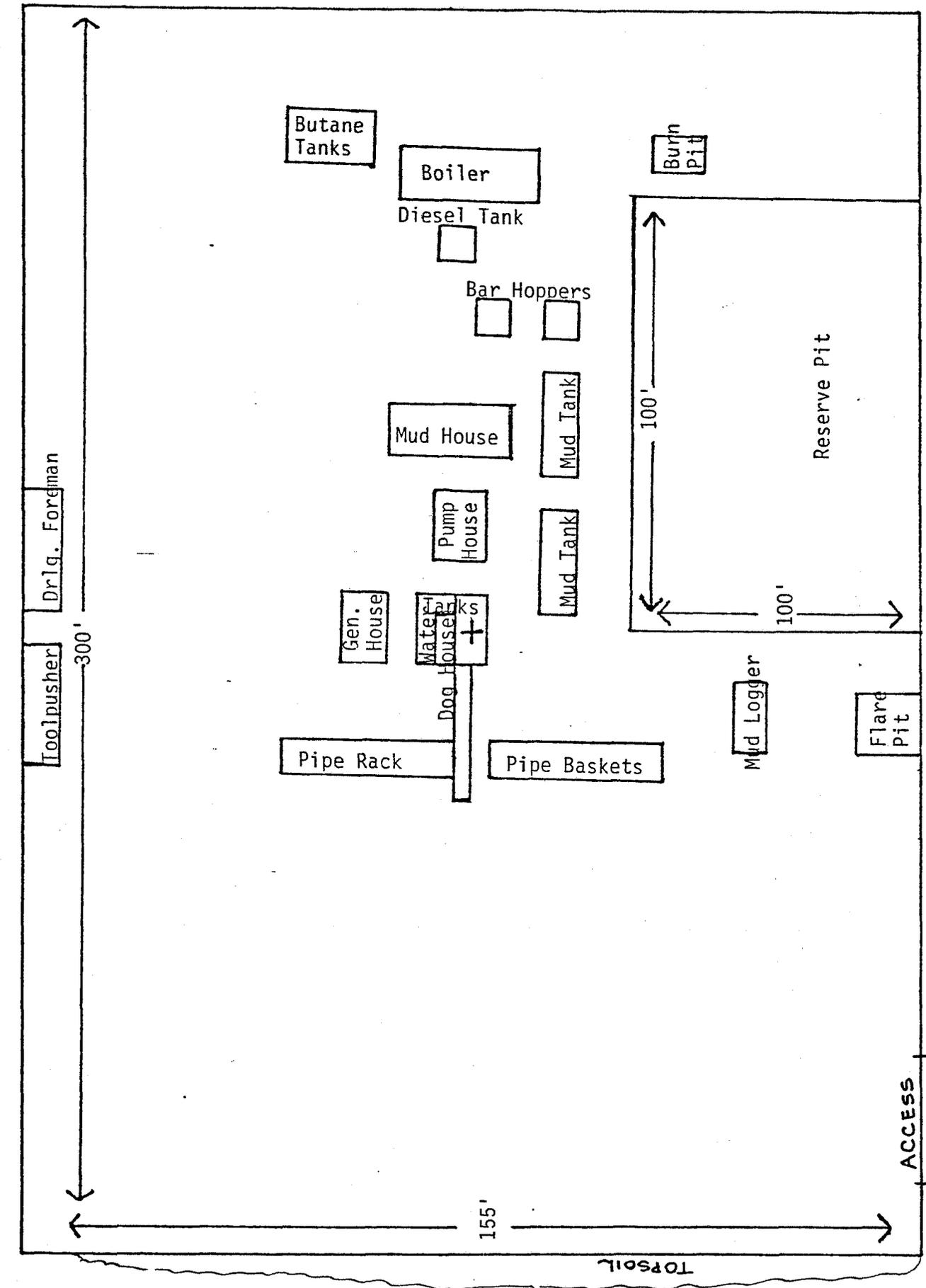
PLAT #2 - BOP SCHEMATIC  
WOODS #11-1 FEDERAL  
SW NE SEC. 11, T 38S, R 21E  
SAN JUAN COUNTY, UTAH  
LEASE: U-18428  
WOODS PETROLEUM CORPORATION



PLAT #3 - TRANSPORTATION MAP  
WOODS #11-1 FEDERAL  
SW NE SEC. 11, T 38S, R 21E  
SAN JUAN COUNTY, UTAH  
LEASE: 18428  
WOODS PETROLEUM CORPORATION

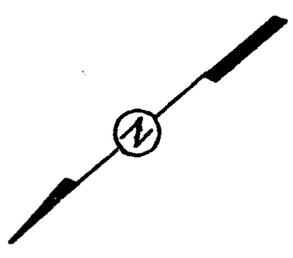
Geo  
Co:  
1079



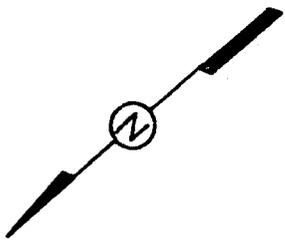
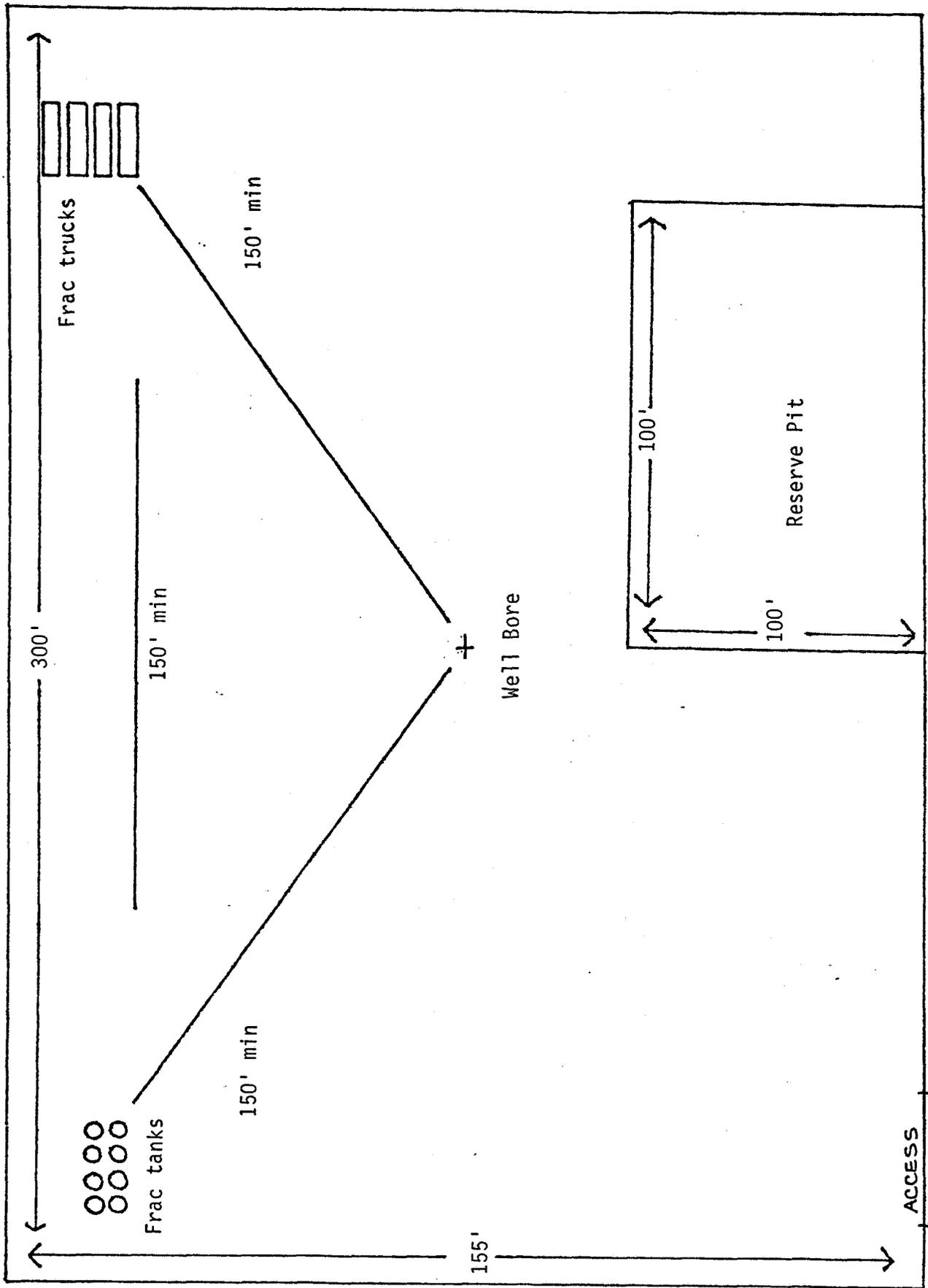


10' to bottom of reserve pit

(schematic not drawn to scale)



PLAT #5 - DRILL SITE LAYOUT  
 WOODS #11-1 FEDERAL  
 SW NE SEC. 11, T 38S, R 21E  
 SAN JUAN COUNTY, UTAH  
 LEASE: U-18428  
 WOODS PETROLEUM CORPORATION



PLAT #6 - COMPLETION EQUIPMENT  
 WOODS #11-1 FEDERAL  
 SW NE SEC. 11, T 38S, R 21E  
 SAN JUAN COUNTY, UTAH  
 LEASE: U-18428  
 WOODS PETROLEUM CORPORATION

APPLICATION NO. \_\_\_\_\_  
DISTRIBUTION SYSTEM \_\_\_\_\_

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Casper, Wyoming  
Place

September 14, 1983  
Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)

of water, the right to the use of which was acquired by \_\_\_\_\_  
(Give No. of application, title and date of Decree and Award No.)

to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

The owner of right or application is \_\_\_\_\_

2. The name of the person making this application is Woods Petroleum Corporation

3. The post office address of the applicant is Suite 710-20, 123 W. First St., Casper, WY 82601

### PAST USE OF WATER

4. The flow of water which has been used in second feet is \_\_\_\_\_

5. The quantity of water which has been used in acre feet is \_\_\_\_\_

6. The water has been used each year from \_\_\_\_\_ to \_\_\_\_\_ incl.  
(Month) (Day) (Month) (Day)

7. The water has been stored each year from \_\_\_\_\_ to \_\_\_\_\_ incl.  
(Month) (Day) (Month) (Day)

8. The direct source of supply is \_\_\_\_\_ in \_\_\_\_\_ County.

9. The water has been diverted into \_\_\_\_\_ ditch  
\_\_\_\_\_ canal at a point located \_\_\_\_\_

10. The water involved has been used for the following purpose: \_\_\_\_\_

Total \_\_\_\_\_ acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

11. The flow of water to be changed in cubic feet per second is \_\_\_\_\_

12. The quantity of water to be changed in acre-feet is \_\_\_\_\_

13. The water will be diverted into the pond \_\_\_\_\_ ditch  
\_\_\_\_\_ canal at a point located SW SW Sec. 31,  
T 37S, R 22E and then hauled to an oil well location in the SW NE Sec. 11,  
T 38S, R 21E, San Juan County, Utah. Point of diversion is called Cottonwood Wash.

14. The change will be made from October 15 1983 to March 15 1984  
(Period must not exceed one year)

15. The reasons for the change are to drill an oil well in the SW NE Sec. 11, T. 38S., R. 21E,  
San Juan County, Utah

16. The water involved herein has heretofore been temporarily changed \_\_\_\_\_ years prior to this application.

(List years change has been made)

17. The water involved is to be used for the following purpose: to drill an oil well in the SW NE  
Sec. 11, T. 38S., R. 21E, San Juan County, Utah.

Total one oil well ~~XXXX~~

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

A filing fee in the sum of ~~XXXX~~ \$7.50 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

Danny W. Mitchell  
District Manager  
Woods Petroleum Corporation

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50 Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. (River System)

- 1. Application received by Water Commissioner (Name of Commissioner) Recommendation of Commissioner
2. Application received over counter by mail in State Engineer's Office by
3. Fee for filing application, \$7.50 received by ; Rec. No.
4. Application returned, with letter, to , for correction.
5. Corrected application resubmitted over counter by mail to State Engineer's Office.
6. Fee for investigation requested \$
7. Fee for investigation \$ , received by : Rec. No.
8. Investigation made by ; Recommendations:
9. Fee for giving notice requested \$
10. Fee for giving notice \$ , received by : Rec. No.
11. Application approved for advertising by publication mail by
12. Notice published in
13. Notice of pending change application mailed to interested parties by as follows:
14. Change application protested by (Date Received and Name)
15. Hearing set for , at
16. Application recommended for rejection approval by
17. Change Application rejected approved and returned to

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- 1.
2.
3.

State Engineer

# WOODS PETROLEUM CORPORATION

REMITTANCE ADVICE

SUITE 500 - NATIONAL FOUNDATION WEST BUILDING  
3555 NORTHWEST 58th STREET  
OKLAHOMA CITY, OKLAHOMA 73112

STATE OF UTAH  
OFFICE OF THE STATE ENGINEER

WOODS #11-1 FEDERAL  
SW NE SEC. 11, T38S-R21E  
SAN JUAN COUNTY, UTAH  
LEASE: U-18428

Temporary Change of Point of Diversion, Place or Purpose of Use: \$7.50

DETACH BEFORE PRESENTING FOR PAYMENT

0450

FIRST NATIONAL BANK  
CASPER, WYOMING 82302

9-11-83  
1023

PAY TO THE ORDER OF

STATE OF UTAH  
OFFICE OF THE STATE ENGINEER

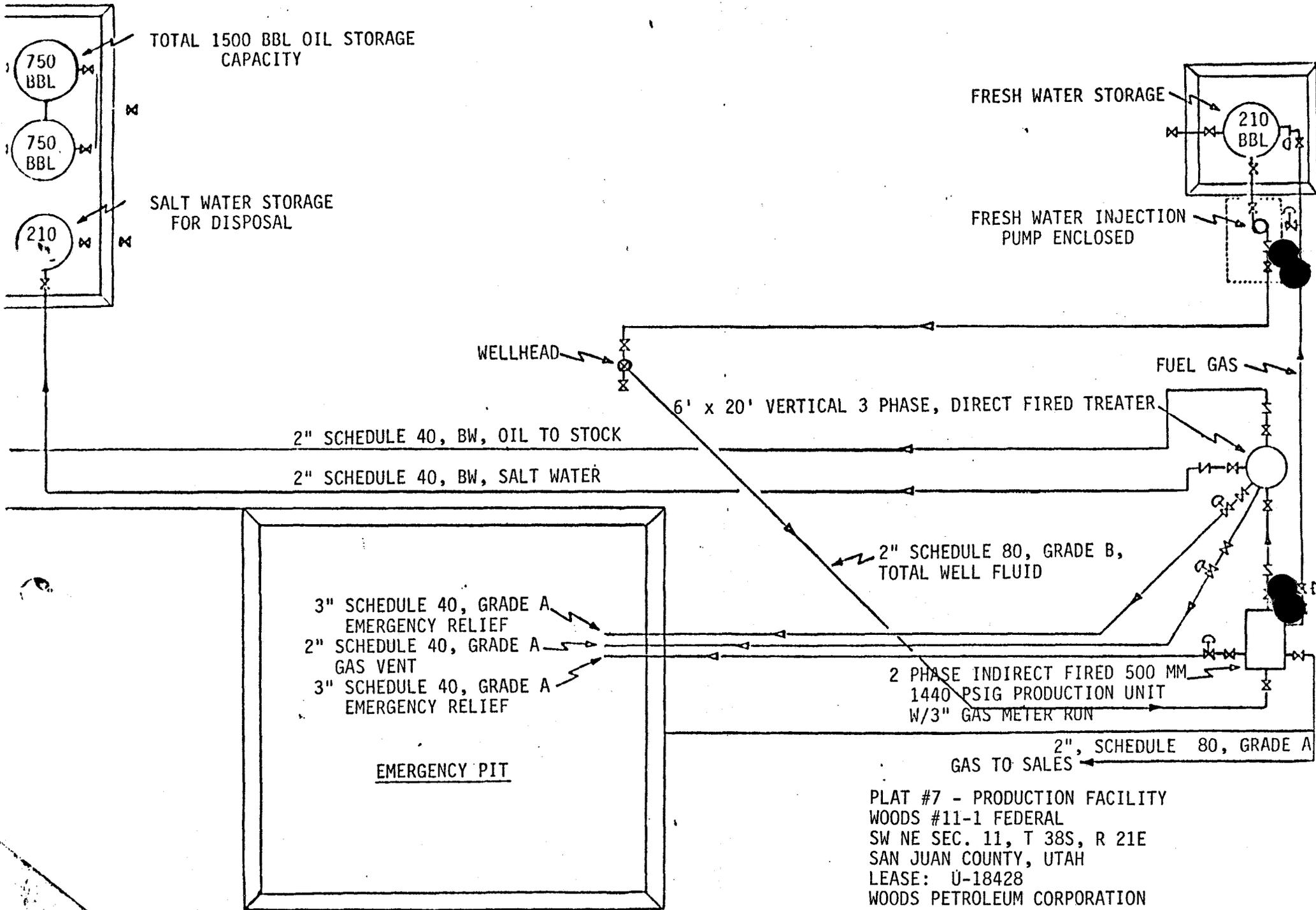
DATE  
9/14/83  
GOOD WITHIN 90 DAYS

PAY THIS AMOUNT  
\$ \*\*7.50\*\*  
NOT VALID FOR  
MORE THAN \$100.00

WOODS PETROLEUM CORPORATION

02023011990

094 36 20



TOTAL 1500 BBL OIL STORAGE CAPACITY

FRESH WATER STORAGE

SALT WATER STORAGE FOR DISPOSAL

FRESH WATER INJECTION PUMP ENCLOSED

WELLHEAD

FUEL GAS

6' x 20' VERTICAL 3 PHASE, DIRECT FIRED TREATER

2" SCHEDULE 40, BW, OIL TO STOCK

2" SCHEDULE 40, BW, SALT WATER

2" SCHEDULE 80, GRADE B, TOTAL WELL FLUID

3" SCHEDULE 40, GRADE A EMERGENCY RELIEF  
 2" SCHEDULE 40, GRADE A GAS VENT  
 3" SCHEDULE 40, GRADE A EMERGENCY RELIEF

2 PHASE INDIRECT FIRED 500 MM 1440 PSIG PRODUCTION UNIT W/3" GAS METER RUN

2", SCHEDULE 80, GRADE A GAS TO SALES

EMERGENCY PIT

PLAT #7 - PRODUCTION FACILITY  
 WOODS #11-1 FEDERAL  
 SW NE SEC. 11, T 38S, R 21E  
 SAN JUAN COUNTY, UTAH  
 LEASE: U-18428  
 WOODS PETROLEUM CORPORATION

OCT 17 1983

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DIVISION OF  
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  
 WOODS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
 AMERICAN BANK CENTER, SUITE 710-20  
 123 WEST FIRST STREET, CASPER, WYOMING 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 2030' FNL & 2030' FEL (SW NE)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 12 miles southwest of Blanding, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 2030'

16. NO. OF ACRES IN LEASE 720

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. NA

19. PROPOSED DEPTH 6,500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5559' GL; 5571' KB

22. APPROX. DATE WORK WILL START\*  
 October 20, 1983

5. LEASE DESIGNATION AND SERIAL NO.  
 U-18428

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 ---

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 WOODS FEDERAL

9. WELL NO.  
 11-1

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 11, T 38S, R 21E

12. COUNTY OR PARISH SAN JUAN

13. STATE UTAH

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
18"	16"	16 ga conduit	30'	redimix
12-1/4"	9-5/8"	36# K-55 ST&C	500'	270 sx
7-7/8"	5-1/2"	15.5# K-55 LT&C	6,400'	350 sx

Woods Petroleum Corporation proposes to drill as well from surface to approximately 6,500'. 9-5/8" surface casing will be set @ 500'. The well will then be drilled to an approximate depth of 6,500'. If log analysis and/or DST results warrant completion of this well, a 5-1/2" OD production casing will be set and cemented. Potentially productive zones will be perforated, acidized, fracture treated and tested as required to establish commerciality. If the well is uneconomical, an authorization to plug and abandon will be obtained.

**RECEIVED**  
 OCT 3 1983

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

SIGNED Danny W. Mitchell TITLE District Manager DATE September 26, 1983

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE OCT 13 1983

CONDITIONS OF APPROVAL ATTACHED  
 FLARING OR VENTING OF GAS IS SUBJECT OF NTL 4-A DATED 1/1/80

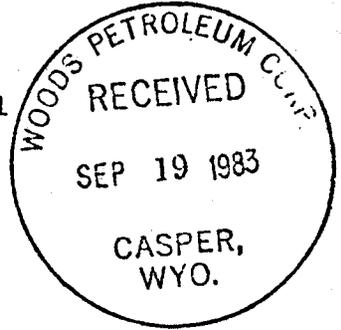
COMPANY WOODS PETROLEUM CORP.

LEASE WOODS - Federal WELL No. 11-1

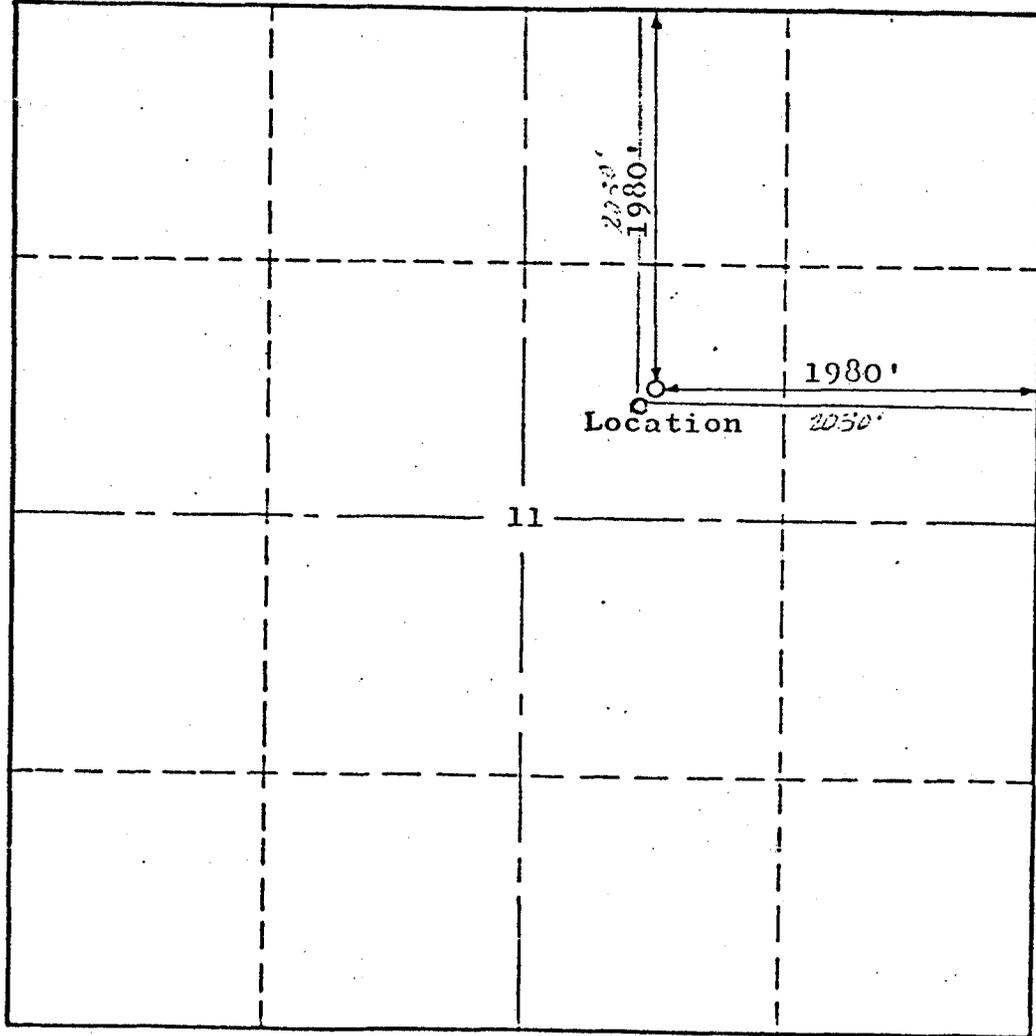
SECTION 11 T. 38S., R. 21E., S.L.M.

LOCATION 1980 feet from the north line  
1980 feet from the east line

ELEVATION 5559 (Ungraded)  
USGS Datum



SAN JUAN COUNTY UTAH



Scale: 1" = 1000'

PLAT #1 - SURVEYOR'S PLAT  
WOODS #11-1 FEDERAL  
SW NE SEC. 11, T 38S, R 21E  
SAN JUAN COUNTY, UTAH  
LEASE: U-18428  
WOODS PETROLEUM CORPORATION

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: September 13, 1983

KROEGER ENGINEERING COMPANY

By: Allison L. Kroeger  
Allison L. Kroeger, PLS  
Utah Reg. No. 6159

CONDITIONS OF APPROVAL FOR NOTICE TO ABANDON

Company Woods Petroleum Corporation

Well No. 11-1

Location Sec. 11, T. 38 S., R. 21 E.

Lease No. U-18428

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a weekend or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Lynn Jackson

Office Phone: 801-259-6111 Ext 248 Home Phone: \_\_\_\_\_

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: 480 South First West, P.O. Box 7, Monticello, Utah 84535

Your contact is: Brian Wood

Office Phone: 801-587-2201 Home Phone: 801-587-2087

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
  - d. Date was placed in a producing status.
  - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.

g. If appropriate, the unit agreement name, number and participating area name.

h. If appropriate, the communitization agreement number.

13.

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SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

Woods Petroleum Corporation  
Well No. 11-1  
Sec. 11, T. 38 S., R. 21 E.  
San Juan County, Utah  
Lease U-18428

## SURFACE USE PLAN RECLAMATION PROCEDURES

### Construction:

1. The operator or his contractor will contact the San Juan Resource Area Office in Monticello, Utah, (801) 587-2201, 48 hours before beginning any work on public lands.
2. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work.
3. The San Juan County Road Department (801-587-2231, ext. 43), will be contacted before county roads are used.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will be done only if damage occurs.
5. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
6. A burning permit is required for burning trash between May 1 and October 31. This can be acquired by contacting the State Fire Warden, John Baker, at (801) 587-2705.

### Reclamation:

1. Immediately on completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
2. The operator or his contractor will contact the BLM office in Monticello, Utah, (801) 587-2201, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
3. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

Production:

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. The stockpile of topsoil will be seeded using the prescribed seed mixture.
2. All above-ground production facilities will be painted a neutral color to be approved by the BLM.
3. The access will be upgraded to BLM Class III road specifications.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

OPERATOR WOODS PETROLEUM CORP

DATE 10-3-83

WELL NAME WOODS FED 11-1

SEC SWNE 11 T 38S R 21E COUNTY SAN JUAN

43-037-30940  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

INDEX  MAP  HL

NID  PI

PROCESSING COMMENTS:

WATER OK  
NO OIL WELLS WITHIN 1000'  
SURVEY PLAT WAS DISCUSSED WITH  
ANN 10-3-83  
10-3-83

CHIEF PETROLEUM ENGINEER REVIEW:

10/4/83

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE  
 c-3-b  c-3-c

SPECIAL LANGUAGE:

1- approval to drill is contingent upon your  
submittal of a revised survey plat, prior to  
spudding, correcting the pen and ink change on  
the survey plat submitted with the APP.

*Part of well change on plat needs explanation.*

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

BY \_\_\_\_\_  
DATE \_\_\_\_\_  
OFFICE OF THE ATTORNEY GENERAL  
CLERK OF COURTS  
VOLUNTEERED BY THE PUBLIC

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

October 3, 1983

Woods Petroleum Corporation  
American Bank Center, Suite # 710-20  
123 West First Street  
Casper, Wyoming 82601

RE: Well No. Woods Federal # 11-1  
SW NE, Sec. 11, T. 38S, R. 21E.  
2030' FNL, 2030' FFL  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3 (B), General Rules and Regulations and Rules of Practice and Procedure. Approval to drill is contingent upon your submittal of a revised survey plat, prior to spudding correcting the pen and ink change on the survey plat submitted with the Application for Permit to Drill.

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

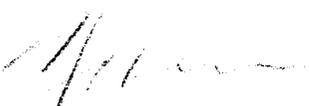
RONALD J. FIRTH - Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form CCC-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 43-037-30940.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/cf  
cc: Branch of Fluid Minerals  
Enclosures

**WOODS**

**PETROLEUM**  
*Corporation*



AMERICAN BANK BUILDING  
123 WEST 1st STREET  
SUITE 710-20  
CASPER, WYOMING 82601  
(307) 265-2884

October 3, 1983

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114  
Attention: Mr. Norm Stout

Re: ✓ Woods #11-1 Federal  
SW NE Sec. 11, T 38S, R 21E  
San Juan County, Utah  
Lease: W-18428

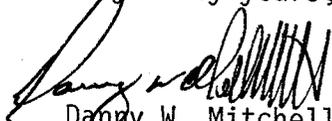
Dear Mr. Stout:

The above-referenced ~~location~~ was moved from 1980' FNL and 1980' FEL to 2030' FNL and 2030' FEL of the SW NE Sec. 11, T 38S, R 21E to avoid an archeological site which was discovered at the on-site inspection by the contract archeologist.

The distance was measured by tape measure, using a compass for direction, and was not resurveyed by the contract surveyor.

Should you have any further questions regarding this matter, feel free to contact Ann Graham Robinson of this office at any time.

Very truly yours,

  
Danny W. Mitchell  
District Manager

DWM/agr

~~ACCEPTED~~ BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10/10/83  
BY: [Signature]

**RECEIVED**  
OCT 5 1983

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

~~Sent to partners~~

3  
CLERKS  
with OK key

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  
WOODS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
123 W FIRST ST, STE 710-20, CASPER, WY 82601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL & 1980' FEL (SW NE)  
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 type="checkbox"/> |
| (other) SPUD & CASING INFORMATION | <input type="checkbox"/> | <input type="checkbox"/> |

5. LEASE U-18428	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
7. UNIT AGREEMENT NAME ---	
8. FARM OR LEASE NAME WOODS FEDERAL	
9. WELL NO. 11-1	
10. FIELD OR WILDCAT NAME	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 11, T38S-R21E	
12. COUNTY OR PARISH SAN JUAN	13. STATE UTAH
14. API NO. 43-037-30940	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5540' GL	

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

RECEIVED  
NOV 13 1983

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 surface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WELL SPUDDED @ 3:15 PM, 10/18/83.

CONTRACTOR IS COLEMAN DRILLING RIG #2.

PLEASE SEE ATTACHED DAILY REPORTS DATED 10/15/83 THROUGH 10/20/83 FOR CASING INFORMATION.

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

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

SIGNED DANNY W. MITCHELL TITLE DISTRICT MANAGER DATE OCTOBER 20, 1983

(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 DRY

2. NAME OF OPERATOR  
WOODS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
123 W FIRST ST, STE 710-20, CASPER, WY 82601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FNL & 1980' FEL - SW NE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE   
U-18428

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
---

8. FARM OR LEASE NAME  
WOODS FEDERAL

9. WELL NO.   
11-1

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC 11, T38S-R21E

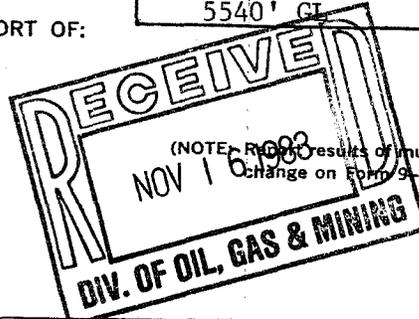
12. COUNTY OR PARISH SAN JUAN 13. STATE UTAH

14. API NO.  
43-037-30940

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5540' CI

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"/>
<b>ABANDON*</b>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>



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.)\*

Permission was given verbally to George Wheeler (Woods Petroleum Corporation) by Asad Rassoul (BLM, Salt Lake City) on 10/31/83. Set plugs w/Class G cement as follows:

Plug #1	6430-6230'	57 sx	
Plug #2	3000-2800'	57 sx	
Plug #3	600- 400'	86 sx	(1/2 in & 1/2 out of surf csg)
Plug #4	Surface	20 sx	

PLEASE SEE ATTACHED DAILY REPORTS DATED 10/21/83 THROUGH 11/4/83.

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

DATE: NOV 10 1983 @ \_\_\_\_\_ Ft.  
BY: [Signature]

SIGNED: [Signature] TITLE DISTRICT MANAGER DATE NOVEMBER 10, 1983

(This space for Federal or State office use)

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

Woods #11-1 Federal

AFE Cost: \$612,791/Projected TD 6500'

Coleman Drilling Rig #2

- 10/15/83 Building location; location 20% complete; CMIC: Don Walters
- 10/16/83 Building location; location 60% complete; CMIC: Don Walters
- 10/17/83 MIRT; location 100% complete; CMIC: Don Walters
- 10/18/83 RURT; will spud between 12:00 noon to 1:00 PM today; CMIC: George Wheeler

10/19/83 Oper day 1 - 519' (519'/12 Hrs) RU to run 9-5/8" csg - Surface - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 750 psi - Dev: 1° @ 519' - Bit #1A S/N rerun Sz 12-1/4" MFG RTC Type HS51 Jets 3/10 In @ 0' Out @ 519' Ftg 519' Hrs 12 FPH 43.25' T/B/G 2/2/I W.O.B. All RPM 90-120 BHA 519' (consists of: bit + bit sub + shock sub + x-over + 3 7-1/2" DC + 12 6-1/4" DC) - 6 Hrs RURT & pump repair; 3 drill mouse hole & rat hole; 12 drlg; 1/2 circ for 9-5/8" csg; 1/4 survey; 1/2 POH for 9-5/8" csg; 1/2 RU to run 9-5/8" csg;

WELL SPUDDED @ 3:15 PM 10/18/83

Well Located: 1980' FNL & 1980' FEL, SW NE, Sec 11, T38S-R21E San Juan County, Utah

Ground Level Elevation: 5540'

Cut @ Drill Point: 1'

Revised Ground Level Elevation: 5539'

Revised KB Elevation: 5552-1/2'

API # 43-037-30940 Dated 10/3/83

Lease #: U-18428, Woods Prospect #: VIII-83-IIA

Projected Total Depth: 6500'

Formation To Be Tested: Upper Ismay, Desert Creek

CMIC: George Wheeler

DMC: \$0; TMC: \$0; TDC: \$0; CWC: \$0

10/20/83 Oper day 2 - 919' (400'/4-1/2 Hrs) Drlg - Surface - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1700 psi - GPM 225 - Bit #1 S/N A26379 Sz 7-7/8" MFG Reed Type HS-51 Jets 2/10 & 1-B In @ 519' Ftg 400' Hrs 4-1/2 FPH 88.89' W.O.B. 40,000# RPM 65 BHA 774' (consists of: bit, bit sub, 21 6-1/4" DC, 4 HWDP) - 4-1/2 Hrs drlg; 3 run 9-5/8" csg; 1/2 wash to bottom 30'; 3/4 cmt w/Western; 11-3/4 NU; 1 test BOP & manifold to 1000 psi; 3/4 TIH w/Bit #1; 1-3/4 drill cmt, float collar & shoe (top cmt @ 467'); 12-1/4" hole TD 519'; set 9-5/8" csg @ 515.12';

Jts	Length	Description	Top @
	1.00'	Shoe	514.12'
1	39.78'	9-5/8" 36# K-55 ST&C	474.34'
	1.95'	DFFC	472.39'
11	472.39'	9-5/8" 36# K-55 ST&C	0.00'
12	515.12'		

Ran total of 12 jts (512.17') 9-5/8" 36# K-55; ran 3 centralizers & set @ 474', 430', 384'; cmt as follows: Western pmpd 10 bbl wtr, then 270 sx Class "B" w/2% CaCl<sub>2</sub> & 1/4#/sx cello-seal (slurry 16.6#/gas); displ w/36.7 bbl wtr; bumped plug w/750# over pump press; float held; good cmt returns to surf; plug down @ 10:15 AM, 10/19/83; WOC; CMIC: George Wheeler  
DMC: \$1602; TMC: \$1602; TDC: \$37,673; CWC: \$37,673

10/21/83 Oper day 3 - 2661' - 1742'/21-3/4 hrs) Drlg - Sandstone & Shale - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1750# - GPM 225 - Bit #1 S/N AZ6379 Sz 7-7/8" MFG Reed Type HS-51 Jets 2/10 & 1-B in @ 519' Ftg 2142' hrs 26-1/4 FPH 81.6 WOB 40,000# RPM 60 BHA 724.85' (consists of: bit, bit sub, 21 6-1/4" DC, 4 HWDP) - 21-3/4 hrs drlg; 1/2 hr trip (hole in pipe); 1/4 hrs RS - 1-1/2 hrs survey; CMIC: George Wheeler  
DMC: \$495; TMC: \$2095; TDC: \$23,270; CWC: \$60,943.

Woods #11-1 Federal

Coleman Drilling Rig #2

AFE Cost: \$612,791/Projected TD: 6500'

- 10/22/83 Oper day 4 - 3582' (921'/21-3/4 Hrs) Drlg in Shinarump - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1750 psi - Dev: 2-3/4° @ 2670' - 2-3/4° @ 2798', 1-3/4° @ 2953', 1° @ 3201' - Bit #1 S/N A26378 Sz 7-7/8" MFG Reed Type HS-51 Jets 2/10 & 1/B In @ 519' Ftg 3053' Hrs 47 FPH 64.96' W.O.B. 35,000# RPM 75 BHA 724' - 21-3/4 Hrs drlg; 1/4 service rig; 2 survey (hole slightly seeping); CMIC: George Wheeler  
DMC: \$796; TMC: \$2,448
- 10/23/83 Oper day 5 - 4092' (510'/18-3/4 Hrs) Drlg in Shinarump - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 100 - PP 1450 psi - GPM 243 - Dev: 3/4° @ 3718' - Bit #1 S/N A26378 Sz 7-7/8" MFG Reed Type HS-51 Jets 2/10 & 1/B In @ 519' Out @ 3718' Ftg 3199' Hrs 50-3/4 FPH 63.03' W.O.B. 35,000# RPM 70 BHA 724' - Bit #2 (rerun) Sz 7-7/8" MFG STC Type F-3 Jets 2/10 & 1/B In @ 3199' Ftg 374' Hrs 13-3/4 FPH 27.20' W.O.B. 40,000# RPM 65 BHA 724' - 18-3/4 Hrs drlg; 5 trip for bit; 1/4 service rig; CMIC: George Wheeler  
DMC: \$1114; TMC: \$3562; TDC: \$11,789
- 10/24/83 Oper day 6 - 4513' (421'/18-1/4 Hrs) Drlg in Sd & sh - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1750 psi - GPM 243 - Dev: 1-1/2° @ 4425', 1-3/4° @ 4433' - Bit #2 rerun Sz 7-7/8" MFG STC Type F-3 Jets 2/10 & 1/B In @ 3199' Out @ 4433' Ftg 715' Hrs 27 FPH 26.48' T/B/G 6/8/I W.O.B. 40,000# RPM 65 BHA 724' - Bit #3 rerun Sz 7-7/8" MFG STC Type F-3 Jets 2/10 & 1/B In @ 4433' Ftg 80' Hrs 5 FPH 16.00' W.O.B. 40,000# RPM 65 BHA 724' - 18-1/4 Hrs drlg; 1/4 service rig; 4-1/2 trip; 1/2 wash to btm 80'; 1/2 survey; CMIC: George Wheeler  
DMC: \$1099; TMC: \$4661; TDC: \$8417; CWC: \$96,013
- 10/25/83 Oper day 7 - 4930' (417'/23-3/4 Hrs) Drlg in sd & sh - MW wtr - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1750 psi - GPM 243 - Bit #3 rerun Sz 7-7/8" MFG STC Type F-3 Jets 2/10 & 1/B In @ 4433' Ftg 497' Hrs 28-3/4 FPH 17.2' W.O.B. 40,000# RPM 60 BHA 724' - 23-3/4 Hrs drlg; 1/4 service rig; CMIC: George Wheeler  
DMC: \$988; TMC: \$5649; TDC: \$7512; CWC: \$103,525
- 10/26/83 Oper day 9 - 5263' (333'/17-1/4 Hrs) Drlg in sd & sh - MW 9.1 - Vis 33 - Ph 9.5 - WL 25 - Cake 2/32 - Lnr 5-1/2" - Strk 8" - SPM 100 - PP 1600 psi - GPM 243 - Dev: 1° @ 4968', 1-1/4° @ 5101' - Bit #3 S/N rerun Sz 7-7/8" MFG STC Type F-3 Jets 2/10 & 1/B In @ 4443' Out @ 5101' Ftg 668' Hrs 37 FPH 18.05' W.O.B. 40,000# RPM 60 BHA 748' - Bit #4 S/N EA6202 Sz 7-7/8" MFG Reed Type FP53 Jets 1/10, 1/11, 1/B In @ 5101' Ftg 162' Hrs 9 FPH 18.00' W.O.B. 40,000# RPM 60 BHA 748' - 17-1/4 Hrs drlg; 5-1/2 trip for bit #4; 1/2 circ hole; 1/4 service rig & ck BOP; 1/2 survey; CMIC: George Wheeler  
DMC: \$976; TMC: \$6625; TDC: \$5785; CWC: \$109,310
- 10/27/83 Oper day 10 - 5602' (339'/23-3/4 Hrs) Drlg in Hermosa (1s & sh) - MW 9.1 - Vis 34 - PV/YP 7/6 - Gel 2/5 - pH 12 - WL 16 - Cake 2/32 - Sd .7% - Slids 6% - Chls 500 - Calc 160 - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1700 psi - GPM 243 - AV 143/260 - Bit #4 S/N EA6202 Sz 7-7/8" MFG RTC Type FP53 Jets 10/11/B In @ 5101' Ftg 501' Hrs 32-3/4 FPH 10.3' W.O.B. 45,000# RPM 60 BHA 748' - 23-3/4 Hrs drlg; 1/4 service rig & ck BOP, survey; mudded up @ 5100';  
Drlg Break: 5302-5308' (6'), 3/1.8/3.5 MPF  
Gas: 3/8/3, C<sub>1</sub> 500, C<sub>2</sub> tr, background gas 8 units;  
CMIC: George Wheeler  
DMC: \$3765; TMC: \$10,390; TDC: \$11,550; CWC: \$120,860

NOV 13 1983

DIVISION OF  
OIL, GAS & MINING

Woods #11-1 Federal Coleman Drilling Rig #2  
AFE Cost: \$1,975,550/Projected TD: 6500'

- 11/1/83 Oper day 15 - 6571' (41<sup>1</sup>/<sub>3</sub>-1<sup>1</sup>/<sub>4</sub> Hrs) Logging w/Dresser Atlas - Salt - MW 9.5 - Vis 53 - PV/YP 10/5 - Gel 2/5 - pH 11 - WL 10 - Cake 2/32 - Sd .3% - Slds 8% - Chls 2800 - Calc 120 - Lnr 5-1<sup>1</sup>/<sub>2</sub>" - Strk 8" - SPM 98 - PP 1700 psi - GPM 243 - AV 143/260 - Bit #5 S/N RR778 Sz 7-7/8" MFG HTC Type J-33 Jets 1/10, 1/11, 1/B In @ 6334' Out @ 6571' Ftg 237' Hrs 23-1<sup>1</sup>/<sub>4</sub> FPH 10.2' T/B/G 3/2/I W.O.B. 45,000# RPM 65 BHA 776' - 3-1<sup>1</sup>/<sub>4</sub> Hrs drlg; 5-3<sup>1</sup>/<sub>4</sub> circ & cond to log; 1-1<sup>1</sup>/<sub>2</sub> 10 stand short trip; 3-1<sup>1</sup>/<sub>4</sub> TOH, SLM no correction; 10-1<sup>1</sup>/<sub>4</sub> logging w/Dresser-Atlas (loggers TD 6565'); CMIC: George Wheeler DMC: \$448; TMC: \$12,767; TDC: \$5876; CWC: \$147,386
- 11/2/83 Oper day 16 - 6571' (0<sup>1</sup>/<sub>24</sub> Hrs) Plugging & Abandoning - MW 9.5 - Vis 56 - PV/YP 20/10 - Gel 5/15 - pH 11.5 - WL 10 - Cake 2/32 - Sd 10.5 - Slds 8 - Chls 1200 - Calc 100 - Dev: 2° @ 6571' - 4-1<sup>1</sup>/<sub>2</sub> Hrs logging w/Dresser Atlas; 2 LDDCs; 3 TIH open ended to 6430'; 8 circ, WO Western; 6-1<sup>1</sup>/<sub>2</sub> set cmt plugs as follows: (Plugging orders 10/31/83 from Asad Rassoul, BLM in Salt Lake City)  
Plug #1 6430-6230' 57 sacks  
Plug #2 3000-2800' 57 sacks  
Plug #3 600- 400' 86 sacks, 1/2 in, 1/2 out surf csg  
Plug #4 Surface 20 sacks  
Slurry wt 15.6, Class "D" cmt w/2% CaCl<sub>2</sub>  
CMIC: George Wheeler  
DMC: \$780; TMC: \$13,547; TDC: \$28,177; CWC: \$175,563
- 11/3/83 Oper day 17 - 0' (0<sup>1</sup>/<sub>24</sub> Hrs) MORT, set dry hole marker & clean location - 1/2 Hr finish setting 20 sx surf plug; 1-1<sup>1</sup>/<sub>2</sub> ND; 4 clean mud tanks; RIG RELEASED @ 12:00 NOON, 11/2/83; P&A complete @ 6:30 AM, 11/2/83; CMIC: George Wheeler  
DMC: \$0; TMC: \$13,587; TDC: \$1425; CWC: \$176,988
- 11/4/83 WO Spring of 1984 to complete restoration; weld plate across wellhead 3' below surf; erect dry hole marker; fence 4th side of reserve pit; clean location; partially restore location & road; build dirt barrier across entrance to road;  
COMPLETION OF DAILY DRILLING REPORT  
Well Located: 1980' FNL & 1980' FEL, SW NE Sec 11, T38S-R21E  
San Juan County, Utah  
API#: 43-037-30940 Dated 10/3/83  
Lease #: U-18428, Woods Prospect#: VIII-83-IIA  
Completion Date: 11/2/83; Spud Date: 10/18/83  
Type of Well: Plugged & Abandoned  
Ground Level Elevation: 5540', Rotary Table Elevation: 5552.5'  
Surface Casing: Size 9-5/8", Length 515'  
Total Depth Drilled: 6571', Plug Back Total Depth: Surface  
Initial Test: None  
FINAL REPORT  
Set Plugs @:  
#1 6430-6230' 57 sx  
#2 3000-2800' 57 sx  
#3 600- 400' 86 sx  
#4 Surface 20 sx  
CMIC: George Wheeler  
TDC: \$376; CWC: \$177,364

## Woods #11-1 Federal

Coleman Drilling Rig #2

AFE Cost: \$1,975,550/Projected TD: 6500'

- 10/28/83 Oper day 11 - 5915' (313'/23-1/4 Hrs) Drlg in Hermosa - MW 9.3 - Vis 32 - PV/YP 5/6 - Gel 1/5 - pH 10 - WL 12 - Cake 2/32 - Sd 1/2 - Slds 6 - Chls 700 - Calc 120 - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1700 psi - GPM 243 - AV 143/260 - Dev: 1° @ 5590' - Bit #4 S/N EA6202 Sz 7-7/8" MFG Reed Type FP53 Jets 10/11/B In @ 5101' Ftg 814' Hrs 56 FPH 14.5' W.O.B. 45,000# RPM 60 BHA 748' - 23-1/4 Hrs drlg; 1/4 service rig & ck BOP; 1/2 survey; background gas 8 units, no shows; CMIC: George Wheeler  
DMC: \$610; TMC: \$11,000; TDC: \$7071; CWC: \$127,931
- 10/29/83 Oper day 12 - 6213' (289'/22-3/4 Hrs) Drlg in Upper Ismay - MW 9.4 - Vis 34 - PV/YP 6/5 - Gel 2/6 - pH 11.5 - WL 10.5 - Cake 2/32 - Sand 0.6% - Slds 7% - Chls 750 - Calc 180 - Lnr 5" - Strk 8" - SPM 98 - PP 1700 psi - GPM 243 - NV 143/260 - Dev: 1° @ 6088' - Bit #4 S/N EA6202 Sz 7-7/8" MFG Reed Type FP53 Jets 10/11/B In @ 5101' Ftg 1112' Hrs 78-3/4 FPH 14.12' W.O.B. 45,000# RPM 60 BHA 748' - 22-3/4 Hrs drlg; 1/2 service rig & ck BOP; 3/4 survey; background gas 7 units;  
Drlg Break: 6158-6160' (2'), 5/3.5/4.5 MPF, BGG 5/9/7 units, no shows, no samples  
Sample Top: Upper Ismay 6175' ±  
Projected Top: Lower Ismay 6300' ±  
CMIC: George Wheeler  
DMC: \$404; TMC: \$11,405; TDC: \$5506; CWC: \$133,437
- 10/30/83 Oper day 13 - 6334' (121'/10-1/4 Hrs) RIH w/bit - Lower Ismay - MW 9.5 - Vis 37 - PV/YP 7/6 - Gel 2/6 - pH 10.5 - WL 10.4 - Cake 2/32 - Sd .5% - Slds 7% - Chls 750 - Calc 200 - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1700 psi - GPM 243 - AV 143/260 - Bit #4 S/N EA6202 Sz 7-7/8" MFG Reed Type FP53 Jets 10/11/B In @ 5101' Out @ 6334' Ftg 1233' Hrs 87-3/4 FPH 14.05' T/B/G 8/8/8 (left nose cone in hole) W.O.B. 48,000# RPM 65 BHA 748' - Bit #5 S/N RR778 Sz 7-7/8" MFG HTC Type J-33 Jets 1/B, 1/10 & 1/11 In @ 6334' BHA 776' (consists of bit, bit sub, junk basket, 21 6-1/4" DC) - 10-1/4 Hrs drlg; 3-1/2 circ samples; 10-3/4 trips, wash 5' to btm; 1/2 fish cone w/magnet, rec cone; background gas 8 units, C<sub>1</sub> 500 units  
Drilling Break: 6210-13' (3'), 4/2.5/4 MPF, gas 7/71/7 units, C<sub>1</sub> 3200, C<sub>2</sub> 1750, C<sub>3</sub> 1320, IC<sub>4</sub> 240, NC<sub>4</sub> 774; Good light yellow fluorescence, diffused cut;  
Drilling Break: 6219-21' (2'), 4/3/4 MPF, gas 4/18/6 units, chromatograph C<sub>1</sub> 2000, C<sub>2</sub> 850, C<sub>3</sub> 308, IC<sub>4</sub> 120, NC<sub>4</sub> 0; good light yellow fluorescence, no cut, no show.  
CMIC: George Wheeler  
DMC: \$600; TMC: \$12,005; TDC: \$3766; CWC: \$137,203
- 10/31/83 Oper day 14 - 6530' (196'/20 Hrs) Drlg in Lower Desert Creek - MW 9.7 - Vis 35 - PV/YP 1/7 - Gel 2/10 - PH 10.5 - WL 10 - Cake 2/32 - Sd .6% - Slds 7% - Chls 750 - Calc 160 - Lnr 5-1/2" - Strk 8" - SPM 98 - PP 1700 psi - GPM 243 - AV 143/260 - Bit #5 S/N RR778 Sz 7-7/8" MFG HTC Type J-33 Jets 1/10, 1/10 & 1/B In @ 6334' Ftg 196' Hrs 20 FPH 9.8' W.O.B. 45,000# RPM 65 BHA 776' - 2 Hrs TIH w/bit #5; 1/4 ream 30' to btm; 20 drlg; 1/4 service rig & ck BOP; 1-1/2 circ samples @ 6416'; background gas.10 units;  
Drilling Break: 6398-6400' (2'), 7/5/7 MPF, 7/16/13 gas units, C<sub>1</sub> 1000, C<sub>2</sub> 440, C<sub>3</sub> 264, no shows  
Drilling Break: 6401-6430' (29'), 7/3.5/6 MPF, 13/46/10 units, C<sub>1</sub> 3200, C<sub>2</sub> 1456, C<sub>3</sub> 836, IC<sub>4</sub> 116, NC<sub>4</sub> 252, no shows  
Drilling Break: 6493-6496' (3'), 6/2/6 MPF, 11/30/11 gas units, C<sub>1</sub> 3200, C<sub>2</sub> 676, C<sub>3</sub> 220, IC<sub>4</sub> tr, NC<sub>4</sub> 0, limestone, yellow fluorescence, no cut  
Sample Tops: Gothic Shale 6401'  
Desert Creek 6430'  
Projected Tops: Akah 6520'  
Total Depth 6565'  
CMIC: George Wheeler  
DMC: \$313; TMC: \$12,317; TDC: \$4307; CWC: \$141,510

**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.

75  
✓

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other P & A

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

2. NAME OF OPERATOR  
WOODS PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR  
123 WEST FIRST STREET, SUITE 710-20, CASPER, WYOMING 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1980' FNL & 1980' FEL - SW NE  
At top prod. interval reported below 2030 2030  
At total depth

14. PERMIT NO. 43-037-30940 DATE ISSUED 10/3/83

5. LEASE DESIGNATION AND SERIAL NO.  
U-18428

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
WOODS FEDERAL

9. WELL NO.  
11-1

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC 11, T38S-R21E

12. COUNTY OR PARISH SAN JUAN 13. STATE UTAH

15. DATE SPUDDED 10/18/83 16. DATE T.D. REACHED 10/31/83 17. DATE COMPL. (Ready to prod.) 11/2/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5540' GL, 5552.5 rKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6,571' 21. PLUG, BACK T.D., MD & TVD SURFACE 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* PLUGGED & ABANDONED 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN BHC-GR-CAL, CAL-CNL-GR, Prolog, DIFL/GR 27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# K-55	515'	12-1/4"	270 sx Class "B"	NONE

29. LINGER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA	NOV 30 1983			NA		

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
NA	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	PLUGGED AND ABANDONED	P & A					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

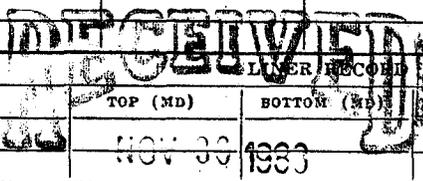
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) PLUGGED & ABANDONED TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED DANNY W. MITCHELL TITLE DISTRICT MANAGER DATE NOV. 10, 1983

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



DIVISION OF  
OIL, GAS & MINING

# 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 33.

**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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Entrada	880'	920'	Water
White Rim	3,420'	3,520'	Salt Water
Permian	4,178'	4,190'	Salt Water
	4,560'	4,580'	Salt Water
	4,608'	4,626'	Salt Water
Ismay	4,924'	4,962'	Salt Water
			Tight
Desert Creek			Tight
			No cores or tests were conducted during drilling of this well.

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Wingate	1,908'		+3,645'
Oregon Rock	3,520'		+2,033'
Hermosa	5,274'		+ 279'
Upper Ismay	6,188'		- 635'
Lower Ismay	6,271'		- 718'
Desert Creek	6,418'		- 865'
Akah	6,524'		- 971'



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

January 4, 1985

Woods Petroleum Corporation  
American Bank Center  
123 West 1st Street, Suite 710-20  
Casper, Wyoming 82601

Gentlemen:

Re: Well No. Woods Federal 11-1 - Sec. 11, T. 38S., R. 21E.  
San Juan County, Utah - API #43-037-30940

A letter requesting that you send in the electric logs for the above referred to well was sent from our office on January 31, 1984. A copy of this letter is enclosed. The requested logs have not yet been received as requested.

Please take care of this matter as soon as possible, but not later than February 5, 1985.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0051S/8



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

January 31, 1984

Woods Petroleum Corporation  
123 W First Street #710-20  
Casper WY 82601

RE: Well No. Woods Fed. #11-1  
API #43-037-30940  
2030' FNL, 2030' FEL SW/NE  
Sec. 11, T. 38S, R. 21E.  
San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office November 10, 1983 on the above referred to well, indicates the following electric logs were run: BHC-GR-CAL, CAL-CNL-GR, Prolog and DIFL-GR. 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.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj



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

March 13, 1985

Woods Petroleum Corporation  
American Bank Center  
123 West First Street, Suite 710-20  
Casper, Wyoming 82601

## 2nd NOTICE

Gentlemen:

Re: Well No. Woods Federal 11-1 - Sec. 11, T. 38S., R. 21E  
San Juan County, Utah - API #43-037-30940

According to our records a "Well Completion Report" filed with this office November 10, 1983 on the above referred to well indicates the following electric logs were run: BHC-GR-CAL, CAL-CNL,GR, Prolog, and DIFL/GR. A request for these logs was made January 4, 1985, however; this office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than March 27, 1985.

Your cooperation in this matter is appreciated.

Respectfully,

Norman C. Stout  
Administrative Assistant

CLJ/clj  
CC: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0123S/11

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.)

RECEIVED

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> PLUGGED & ABANDONED		5. LEASE DESIGNATION AND SERIAL NO. U-18428
2. NAME OF OPERATOR WOODS PETROLEUM CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR 123 W. 1st St., Suite 710-20 Casper, Wyo. 82601		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FNL & 1980' FEL (SW NE)		8. FARM OR LEASE NAME WOODS FEDERAL
14. PERMIT NO. 43-037-30940		9. WELL NO. 11-1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5540' GL		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 11, T38S, R21E
		12. COUNTY OR PARISH SAN JUAN
		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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <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.)\*

Surface restoration has been completed.

The wellsite is ready for final inspection.

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

SIGNEE DANNY W. MITCHELL TITLE DISTRICT MANAGER DATE 12/19/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side