

**Husky**

**Husky Oil Company**

6060 South Willow Drive  
Englewood, Colorado 80111  
(303) 850-1100

August 25, 1982

Mr. Cleon Feight  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Application for Exception Location  
Pursuant to Rule C-3(c)  
#11-26 Brooks Federal  
Carbon County, Utah

Dear Mr. Feight:

In accordance with Rule C-3(c) of the Rules and Regulations of the Division of Oil, Gas and Mining, Husky Oil Company hereby applies for an Exception Location for the #11-26 Brooks Federal located in Township 12 South, Range 6 East, Section 26, NE $\frac{1}{4}$ SW $\frac{1}{4}$  (1,652' FWL & 1,472' FSL).

This Exception is necessary due to topographical conditions.

Cities Service Company owns this lease (U-21514) which is in the ~~Brooks Canyon Unit~~. Husky Oil Company, as operator of the unit, will be drilling the well. There are no other owners of oil and gas leases within 660 feet of the proposed drillsite. Plats of the drillsite and surrounding area are enclosed.

Please direct your reply to my attention at the letterhead address.  
Thanks very much.

Sincerely,

*Karen G. Ball*

Karen G. Ball  
Landman

KGB/lak

Enclosures

cc: Cities Service Oil Company  
1600 Broadway  
Suite 900  
Denver, Colorado 80202

**RECEIVED**

AUG 27 1982

DIVISION OF  
OIL, GAS & MINING

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  
 HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR  
 6060 S. Willow Drive, Englewood, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface 1472' FSL & 1652' FWL, NE 1/4 SW 1/4  
 At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.  
 U-21514 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Brooks Canyon

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 11-26 Brooks Federal

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 26, T12S, R6E

12. COUNTY OR PARISH 13. STATE  
 Carbon Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Apprx. 18 miles from Scofield, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2650' + FWL

16. NO. OF ACRES IN LEASE  
 1040

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 640

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

19. PROPOSED DEPTH  
 7900'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 9191' GR

22. APPROX. DATE WORK WILL START\*  
 9/30/82

OIL DIVISION OF MINING  
AUG 27 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65# H-40	300'	335 sx Class "G"
14-3/4"	8-5/8"	32# H-40	2500'	2000 sx Class "G"
7-7/8"	4-1/2"	10.5# K-55	7900'	300 sx Class "H"

Husky Oil Company requests permission to drill the captioned well to test the Dakota formation. We propose to test all shows of gas or oil deemed worthy of test, and to set casing, as above, or to plug and abandon in accordance with instructions received from U.S. Minerals Management Service.

A cultural resource inventory for the location and access roads was conducted by Brigham Young University and was submitted by Asa Nielson on August 19, 1982. Cultural clearance was recommended for this project. An application for a road permit was submitted on August 9, 1982, and will be followed with a road design by Uintah Engineering.

Application for Location Exception is being made to Division of Oil, Gas, and Mining, State of Utah.

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

24. SIGNED Vera Chandler TITLE Technical Assistant DATE August 24, 1982  
 Vera Chandler 303/850-1462

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 8-30-82  
 BY: [Signature]

HUSKY OIL COMPANY  
#11-26 BROOKS FEDERAL  
Carbon County, Utah

BF1126

TEN-POINT PROGRAM TO ACCOMPANY FORM 9-331C

1. Surface Formation: Precambrian
2. Important Geological Formations:

Mesa Verde	Surface	Ferron	7015
Mancos	2265	Tununk	7665
Blue Gate	4265	Dakota	7765

Gas is expected in the Dakota formation.

4. Casing Program:

0-300': 16", 65#, H-40, ST&C casing.  
0-2,500': 8-5/8", 32#, H-40, ST&C casing.  
0-7,900': 4-1/2", 10.5#, K-55, LT&C casing.

5. Pressure Control:

16-3/4" x 16" 3000 psi WP, slip on and weld casing head for drilling below surface casing.

1 - 16-3/4" 3000 psi WP, dual gate hydraulic BOP w/hydraulic pipe rams to be checked daily. All choke lines, choke manifold, valves, fittings, etc., will have a minimum pressure rating of 3000 psi.

All BOP equipment will be pressure tested to full rated WP or 70% of casing internal yield (whichever is less) prior to drilling out the surface casing shoe.

6. Mud Program:

0-300': Spud mud.

300-6,900': Performed Stabilized Foam.

6,900' - TD: Parasite tubing method of aeration. LSND. Mud weight 8.6#/gal, viscosity of 32 sec/qt or more, water loss 15 cc/30 min. or less.

7. Auxiliary Equipment:

Kelly cock with stabbing valve on floor.

8. Testing, Logging, and Coring:

Husky Oil Company  
Well No. 11-26  
Section 26, T. 12 S., R. 6 E.  
Carbon County, Utah  
Lease U-21514

#### Supplemental Stipulations

- 1) As directed by the Forest Service, access to or occupancy of portions of the project areas will not be permitted during calving/fawning periods (generally May 15 through June 30). Since calving and fawning areas vary according to environmental conditions, prohibited areas and time constraints will be specified at the time of the proposed operations.
- 2) Project personnel and/or their pets, will not harass or otherwise unnecessarily disturb wildlife or grazing stock.
- 3) Following the completion of centerline staking and prior to any surface disturbance, the Forest Service will survey the access road corridor for possible occurrences of the sensitive plant species, *Hymenoxys helenoides*. If any specimens are encountered the road design and plan of operations will be revised as necessary to incorporate appropriate mitigating measures as specified by the Forest Service.
- 4) Prior to any excavation for site or road construction all topsoil will be stripped and reserved for use in reclamation. Cut and fill slopes along the access roads will be topsoiled and revegetated as directed by the Forest Service. Any excess topsoil will be stockpiled at accessible locations, protected and reseeded.
- 5) All disturbed area will be reseeded as soon as possible, during acceptable seeding periods, following the completion of physical reclamation. The following seed mixture will be applied at a rate of 15 lbs. per acre if drilled or 25 lbs. per acre broadcast and be certified to have a minimum 80% P.L.S. and a maximum of 1% weed (non-noxious):
  - a. All of the following grasses:

Smooth Brome	30%	Slender Wheatgrass	15%
Timothy	10%	Orchardgrass	15%
Intermediate Wheatgrass	20%		
  - b. Any two of the following forbs:

Sweetanise ( <i>Osmorhiza occidentalis</i> )	5%
Chickpea Milkvetch ( <i>Astragalus facatus</i> )	5%
Showy Goldeneye ( <i>Viguiera multiflora</i> )	5%
Porter ligusticum ( <i>Ligusticum posterii</i> )	5%
- 6) After reseeding, the drill pad and adjacent disturbed areas will be fenced to prevent entry onto the site by livestock during the revegetation period. A sheep-proof, wire mesh fence not exceeding

42 inches in height will be required. This fence must be securely staked around the entire perimeter of the site. A let down fence will be acceptable if desired to reduce the maintenance requirements resulting from snow accumulation. The fence will remain in place and functional until revegetation is complete and acceptable to the Forest Service.

- 7) The drill rig and other facilities or equipment will not be moved to or from the drill site during periods of heavy recreational use. These include big-game hunting season weekends, holiday weekends and other periods as directed by the Forest Service.
- 8) All merchantable timber removed or damaged by construction and other project-related activities will be purchased by Husky or its contractors at a fair market value. The Forest Service will conduct a timber cruise and appraisal after the final clearing limits have been staked.
- 9) All timber that is to be removed will be cut rather than pushed over with heavy equipment. No timber will be removed prior to completion of the timber cruise in that vicinity.
- 10) Any non-merchantable timber that is removed will be cut and stacked for firewood at locations determined by the Forest Service.
- 11) All spruce logs will be removed from the Forest prior to October 15 of the season in which it is cut.
- 12) Slash burning will be conducted only at locations approved by the Forest Service and only under authorization of a valid State burning permit.
- 13) All motorized equipment must be equipped with functional USDA approved spark arrestors. A sufficient amount of fire-fighting equipment (shovels, axes, plusaskis, backpack pumps, etc.) must be available to equip drilling or construction crew members. Operations may be restricted as directed by the District Ranger when the predicted fire danger reaches class (3) high or higher.
- 14) If any cultural or paleontological resources are encountered during site or road construction activities, all operations must cease and the District Ranger must be notified. Operations will not be permitted to resume until the discovery has been evaluated and appropriate mitigating measures, if any, have been implemented.
- 15) Husky Oil Company will be required to obtain a Special-Use Permit authorizing the installation of the proposed water supply pipeline on National Forest lands. The pipeline location, specifications and installation will be in compliance with the permit stipulations.
- 16) All drilling fluids, oil, fuels and other potential contaminants must be properly contained at the site to prevent soil and water contamination.

- 17) Prior to approval of any surface disturbing activities, the operator must submit a plan to the Forest Service for the proposed work. The Forest Service will make a technical and environmental review of the plan. Any deficiencies to the plan identified in this review must be corrected before the plan will be approved. Approval of the plan by the Forest Service is necessary before construction can begin.

After approval of the design plan and before construction begins, the operator must schedule a pre-work meeting with the Forest Service. Prior to construction, the Forest Service will field review and approve the construction staking. Forest Service personnel will make periodic reviews of the construction activities to insure that the work is properly performed. The operator will continually inspect the construction activities under the direction of a professional engineer, documenting the results of inspections and materials testing to assure construction complies with approved plans.

Upon completion of the work, a final inspection will be conducted by the operator and the Forest Service. Any remaining work to be performed will be identified and must be completed prior to release of the performance bond.

- 18) A Road-Use Permit must be obtained by the operator from the Forest Service before any work is performed. As part of the Road-Use Permit, the operator will be required to submit a performance bond to the Forest Service. Detailed construction specifications, use restrictions, maintenance and other requirements will be specified in the Permit. The following general and specific requirements will apply:

a. All work performed by the operator will be in compliance with the "Forest Service Standard Specifications for Construction of Roads and Bridges, 1979 edition". Supplemental specifications shall be developed by the operator after consultation with the Forest Service to prescribe measures for extraordinary site-specific situations, should any occur.

Accuracy requirements for traverse and level circuits will meet a Precision Class B. The construction will meet Construction Tolerance Class C. Field construction control for turnpike sections will consist of reference stakes on either side of the road at 100 foot intervals. The stakes will indicate the distance to the center of the road and the cut or fill to subgrade elevation. Slope staking of turnpike sections will not be necessary. Cut and fill balanced sections will be slope staked at 50 foot intervals prior to beginning any construction.

b. Existing topsoil within the construction limits will be removed and stockpiled for utilization in revegetation of the disturbed areas. Topsoil depths, normally about one foot, will generally be the rootbearing soil encountered during excavation. All trees and shrubs over three feet in height will be removed and properly disposed of prior to stripping topsoil from disturbed areas.

Along the turnpike sections, the topsoil will be bladed to the outside of the borrow ditches and windrowed. Upon completion of construction of sections of the road, the topsoil will be pulled back into the ditches and uniformly spread from the back of the ditch to the edge of the gravel surfacing. In some areas where insufficient quantities of topsoil occur, it may be necessary to haul in topsoil. All disturbed areas, except the road surface itself, will be topsoiled with a minimum of four inches of material.

In the cut and fill section, all fill slopes and 2:1 or flatter cut slopes as well as 1½:1 cut slopes under 15 in height shall be topsoiled prior to seed applications. In these areas, the topsoil will be removed and stockpiled at locations designated by the Forest Service prior to beginning cut/fill operations. Topsoil in excess of that required to rehabilitate the disturbed areas shall remain in designated piles and be contoured and seeded. This topsoil will be utilized in the future on other projects.

c) A drainage ditch is required on all cut slopes. The size of the ditch will be three feet wide and one foot deep. Culverts will be spaced according to grade to relieve ditches and in natural drainages and will be designed to carry a 10-year flood without a head of water at entrance. The minimum size culvert to be utilized on the project is an 18-inch diameter corrugated metal pipe. The drainage pattern established by the road is an integral part of the road design and as such, must be submitted as part of the road design.

d) James Canyon Road (FDR #50010)

The traveled way for James Canyon Road is 20 feet in width. The entire width of the roadway shall be reshaped, bladed, and drained. This work shall consist of reconditioning the traveled way and shoulders of the existing road; cleaning ditches and culverts, including inlets and outlets; removing slide material; scarifying and reshaping the travelled way and shoulders, turnouts, and approach road connections. Culverts, ditches, and drains or dips along the travelled way shall be maintained to drain without puddling.

The actual surfacing required for the road will be dependent upon the season in which the road will be used by the operator, the projected traffic loadings, and soil types. Uintah Engineering, a consultant for Husky Oil, has taken soil samples along the route and has classified the soil to be an A-2 or A-4 soil. The locations from which these soil samples have been taken have not yet been properly identified. They should be properly identified before the surfacing analysis is approved.

During the dry period, from June 1 through September 30, the road will require four inches of crushed aggregate base through the A-4 soil areas. After the road is built to subgrade and during use, it will be monitored to determine if gravel is necessary for the A-2 soil areas. These areas may also require four inches of crushed aggregate base if pulverization, dusting, and/or rutting becomes a problem.

During the wet period, October 1 through May 31, the road will require four inches of crushed aggregate base its entire length. Weak soil areas will be reviewed after the road is built to subgrade if indicated will require between six to eight inches of crushed aggregate base. If additional weak areas develop during wet period use, then it may be necessary to require eight inches for those areas. Surfacing will be applied such that the travelled way or top width is a minimum of 14 feet as shown on the typical road reconditioning section on page D in the Engineering report, attached as Appendix B.

e) Monument Peak Road (FDR #50018)

Approximately 0.4 miles from James Canyon Road, this road travels into dense trees and the roadway becomes too narrow. In this 1,300 foot section, the travelled way is 12 feet wide and clearing limits are approximately one foot from the edge of the travelled way. This section will be surveyed and designed to minimize earthwork and disturbed area creating a balanced earthwork project. Reconstruction will include widening the travelled way and clearing limit. The travelled way will be 14 feet wide. The typical cut and fill section for this segment of road is shown on page B in the appendix. The actual surfacing required for this segment of road will be dependent upon the season in which the road will be used by the operator, the projected traffic loadings, and soil types in the same manner as established for James Canyon Road. The road subgrade width will be designed for an eventual eight inches of gravel which will serve present users' needs and future needs of a potential well development and production on Granger Ridge. Surfacing will be applied such that the travelled way, or top width, is a minimum of 14 feet.

Excluding the 1,300 foot segment described above, the remainder of Monument Peak Road, will be reconditioned in the same manner as James Canyon Road, previously mentioned.

f) Granger Ridge Road (FDR # 50221) Sections I and II

All of Sections I and II of Granger Ridge Road will be surveyed, designed, and reconstructed. Reconstruction will include widening the travelled way and clearing limits, and improving drainage, vertical and horizontal alignment. In flat terrain, sideslopes less than approximately 10 percent, turnpike construction will be utilized. Whenever the terrain sideslopes exceed approximately 10 percent, or when turnpike construction cannot be utilized, a balanced cut and fill earthwork will be designed. The actual surfacing required for this segment of road will be dependent upon the season in which the road will be used by the operator, the projected traffic loadings, and soil types in the same manner as established for James Canyon and Monument Peak Roads. The road subgrade width for turnpike and cut and fill sections will be designed for an eventual eight inches of gravel, as recommended by Uintah Engineering, which will serve present users' needs and future needs of a potential well development and production on Granger Ridge. Surfacing will be applied such that the travelled way or top width is a minimum of 14 feet as shown on the typical turnpike section and cut and fill sections respectively on pages C and B in the engineering report, attached as Appendix B.

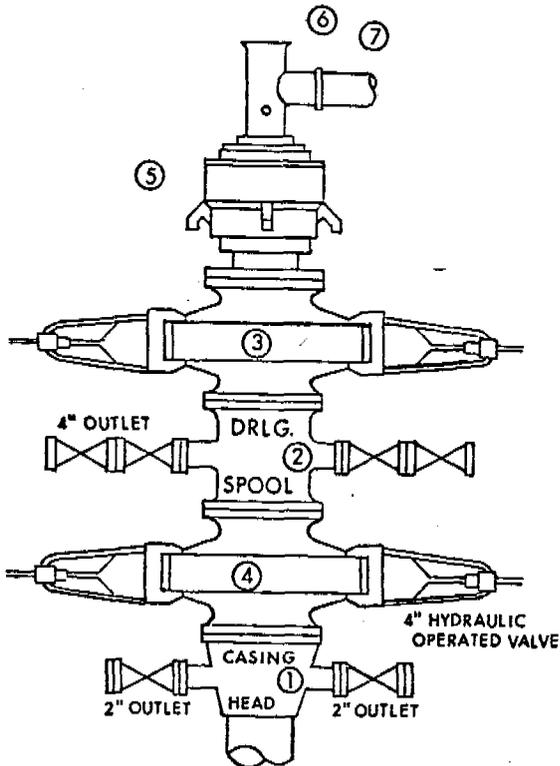
g) At the completion of the drilling project all materials used and work performed to improve the Forest roads will become the property of the Forest Service.

- 19) All vehicle travel will be restricted to existing approved roads and the drill pad. All traffic must operate at safe speeds as dictated by road and weather conditions. The motorized vehicle restrictions effective within the Fish Creek drainage will be strictly enforced in all areas not specifically exempted from those restrictions for this project.
- 20) If the operator proposes to use the Eccles Canyon road for access, advance arrangements with the Utah Dept. of Transportation will be necessary to insure that undue conflicts between drilling and construction activities do not occur. Written verification of this arrangement must be provided to the Forest Service.
- 21) A copy of all approved permits will be kept on hand during road and pad construction and drilling operations. Such permits will be presented on demand to any requesting Forest Service official. Husky Oil will be responsible for assuring that the company representatives and field personnel are familiar with applicable permit stipulations.
- 22) All construction plans must be submitted to the USFS for review and approval. Construction is not authorized until plans are approved and a pre-construction meeting is conducted.

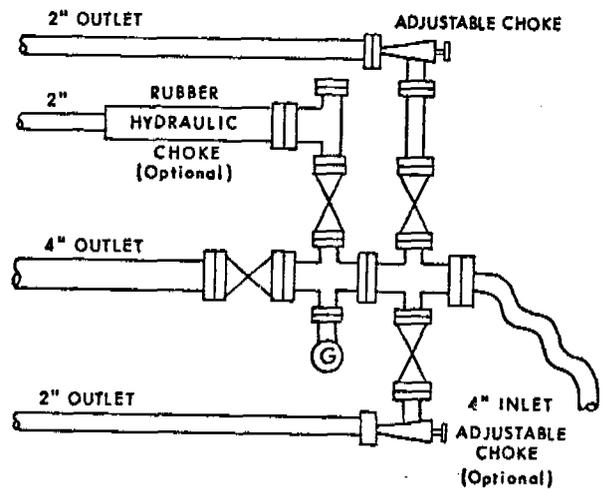
- 23) All fresh water zones penetrated must be properly isolated with cement/casing.
- 24) Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Blackhawk formation. Please also provide two copies of drilling logs. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

# BLOWOUT PREVENTER REQUIREMENTS FOR 3000 LB. SERVICE

3M OR 5M RSRA



MINIMUM BOP FOR 3M



CHOKE MANIFOLD FOR 3M

## LEGEND:

### TEST:

AFTER NIPPLING UP ON SURFACE PIPE, BUT BEFORE DRILLING OUT THE CEMENT PLUG, THE B.O.P.'s SHALL BE TESTED TO THE RATED WORKING PRESSURE.

### FREQUENCY:

THE B.O.P.'s SHALL BE CYCLED CLOSED AND OPEN EVERY TIME A TRIP IS MADE.

- ① Casing head w/ 2 - 2" outlets.
- ② Drlg. head w/ 2 flanged outlets.
- ③ Ram-type BOP w/ blind rams.
- ④ Ram-type BOP w/ pipe rams.
- ⑤ Hydril BOP (Annular Type).
- ⑥ Bell nipple.
- ⑦ Flowline
- Ⓒ Pressure gauge.

A. DST is possible in the Ferron and Dakota.

B. Logs will be run as follows:

Dual Induction, GR, SF Log: Intermediate csg to TD.  
FIC-CNL-SONIC-Fracture ID, Spectra: Intermediate csg to TD.  
CNL-GR: Surface to TD  
Dipmeter: Intermediate csg to TD.

C. Coring: Not planned.

D. Proposed Completion Program:

Perforate desired intervals. Swab, and if necessary, perform a frac job. Completion and stimulation will be based on logs and test data, and will be submitted via Sundry.

9. Abnormal Hazards:

Neither abnormal pressures, temperatures, nor potential hazards such as hydrogen-sulfide gas is expected. The maximum BHP is a normal gradient of no more than .465 psi/ft and should not exceed 3720 psi. Sufficient weight material will be on location should abnormal pressures be encountered, however.

10. Anticipated spud date: September 30, 1982

11. Anticipated Duration: 45 days drilling

#### EXHIBITS

A. Location map with route marked.

B. Topographic map section.

C. Proposed location layout and production facilities showing cuts and fills.

#### MULTI-POINT REQUIREMENTS TO ACCOMPANY FORM 9-331C

1. Existing Roads

A. See Exhibits A and B.

B. Main Roads:

Take Utah Highway #96 south from Scofield approx 6 miles.

Turn right on Boardinghouse Canyon Road and continue west for approx 4.73 miles to Winterquarters Ridge Road. Continue north on Winterquarters approx 7 miles to intersection. Turn right, then left on Granger Ridge Road. Continue northeast approx 3 miles to location. See Exhibits A & B.

C. Access roads: See Exhibits A & B.

D. See Exhibit D.

E. N/A.

F. We plan to grade the existing access road as necessary to provide access.

## 2. Planned Access Roads

Construction plans for upgrading the existing access roads and the new access road are being designed by Uintah Engineering (Gene Stewart), Vernal, Utah. These will be submitted by Husky Oil as soon as they are completed. Husky Oil Company intends to comply with the Guidelines issued by Manti-LaSal National Forest, and is submitting this APTD in advance to speed the paperwork in the permitting process.

## 3. Location of Existing Wells (1-9)

This is the first well on this lease.

## 4. Location of Existing or Proposed Facilities:

A. See Exhibit C.

B. Proposed Facilities: If wildcat is productive, proposal will then be made for new facilities in accordance with environmental regulations.

C. Plans for Rehabilitation: The facility area will be rehabilitated by filling the pit, leveling, and reseeding according to Manti-LaSal Forest's stipulations.

## 5. Location and Type of Water Supply

A. We plan to pipe water from Scofield Reservoir.

B. We plan to purchase water rights from Scofield Reservoir, while drilling.

C. No water well on the location is anticipated.

## 6. Source of Construction Materials:

A - C. It is anticipated that any construction materials needed for the drilling operation will be purchased from a commercial source.

D. Access road will cross USFS lands. See Exhibit D.

7. Methods of Handling Waste Material Disposal

A. Cuttings: Disposed of in reserve pit and buried.

B. Drilling Fluids: Disposed of in reserve pit and buried after the pit has dried.

C. Produced Fluids: Any liquids produced during completion operations will be produced into tanks, any oil saved, and the water drained to the pit.

D. Sewage: Portable toilets.

E. Garbage and other Waste Material: Totally enclosed in a cage and hauled away to an established sanitary landfill or other facility.

F. The location will be cleaned upon completion of the well. All pits will be fenced. After the reserve pit has dried, the pits will be filled, waste hauled away or buried (in accordance with environmental regulations), and USFS Guidelines. See Section 10 below.

8. Ancillary Facilities: None.

9. Wellsite Layout

A. through C: See location layout and cross-section exhibits.

D. Pits unlined.

10. Plans for Restoration of the Surface

A. Restoration will be in accordance with USFS Guidelines. The topsoil will be stripped and stockpiled on the west end of the location. Pits will be fenced on 3 sides for drilling operations. Upon completion or abandonment of the well, the pits will be fenced on all 4 sides, allowed to dry, then backfilled, hauling or burying waste as stipulated, leveling, and recontouring in accordance with USFS stipulations.

B. The topsoil will be spread over that area (excluding area required for production purposes if well is productive), and that area reseeded per USFS specifications.

C. Upon release of the rig, the pits will be fenced, and so maintained until cleanup. (See "A" above.)

D. The pits will have overhead flagging installed if any

oil is left on the surface.

- E. As well will be completed in the fall, restoration will be dependent on weather conditions. Time schedule can best be determined at the on-site.

11. Other Information

- A. The location is on a peak with drainage to the southwest and northwest. USFS stipulations for flora and fauna stipulations will be followed as determined at the on-site.
- B. U.S. Forest Service is the surface owner. See Exhibit D.
- C. An archaeological survey was conducted by Brigham Young University and has been submitted. They have recommended cultural resource clearance for the project.

12. Lessee's or Operator's Representative:

Vera Chandler  
HUSKY OIL COMPANY  
6060 S. Willow Drive  
Englewood, Colorado 80111  
Telephone: 303/850-1462

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the 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 Husky Oil Company and its contractors and subcontractors in conformity with this plan and conditions under which it is approved.

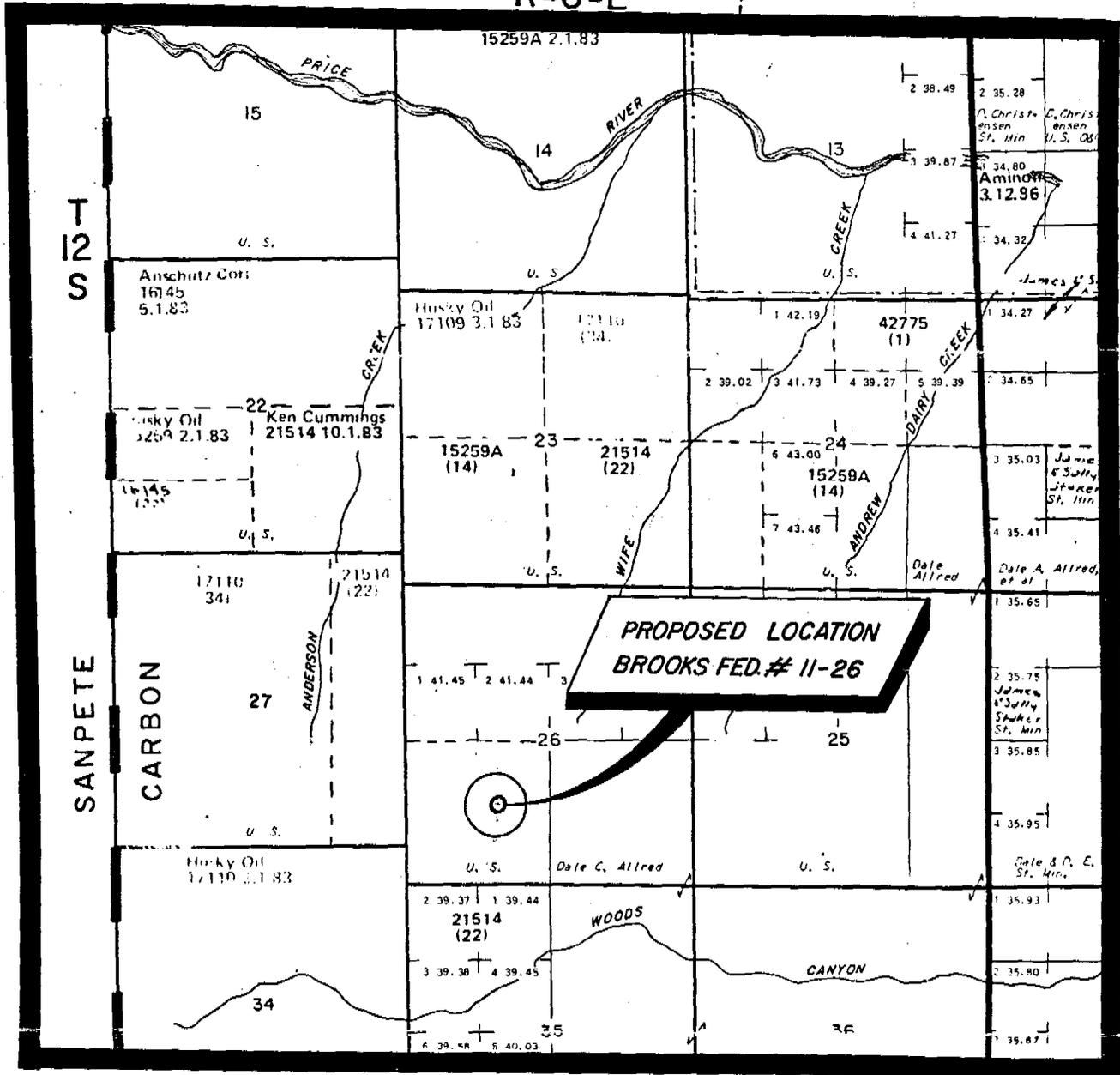
*August 24, 1982*

Date

*Vera Chandler*

*for* Murray Brooks, Division Manager  
Drilling and Production  
HUSKY OIL COMPANY

R-6-E



# HUSKY OIL COMPANY

LAND

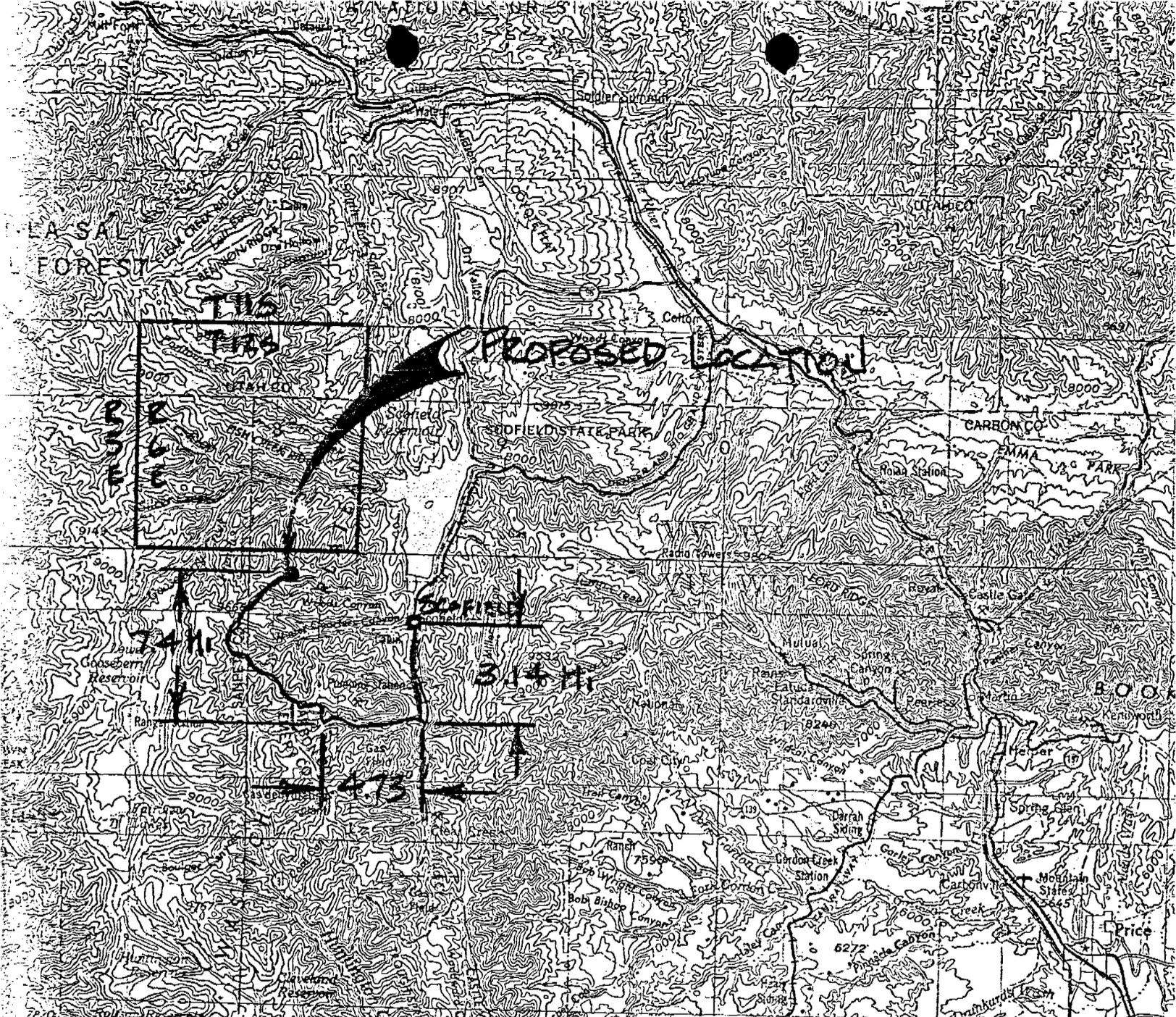
DENVER

APPLICATION FOR  
 LOCATION EXCEPTION  
 BROOKS CANYON  
 CARBON CO., UTAH

Date:

Drawn by:

File No.:



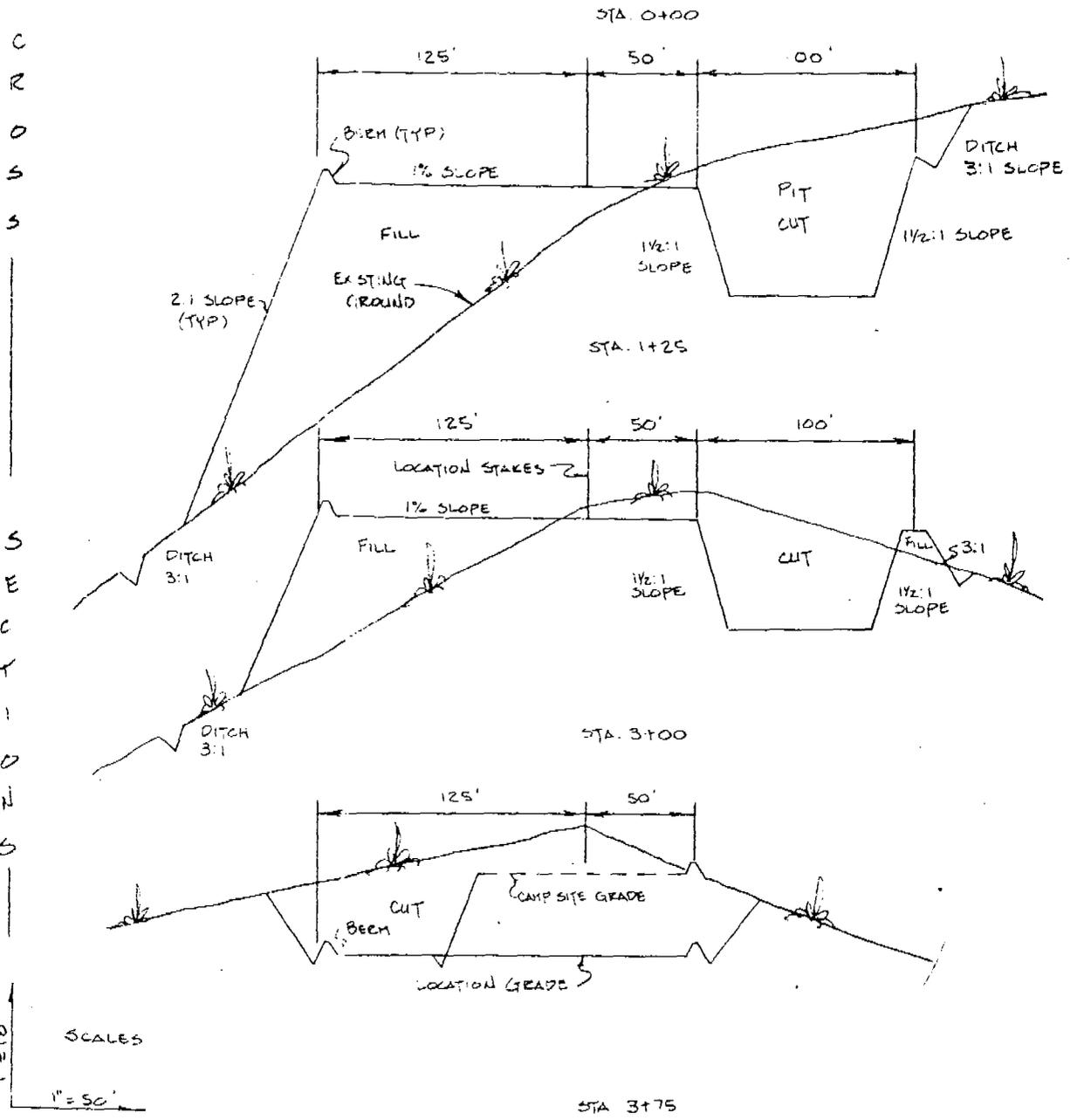
HUSKY OIL COMPANY  
BROOKS FED. #11-26



TOPO. MAP "A"

SCALE - 1" = 4 MI.



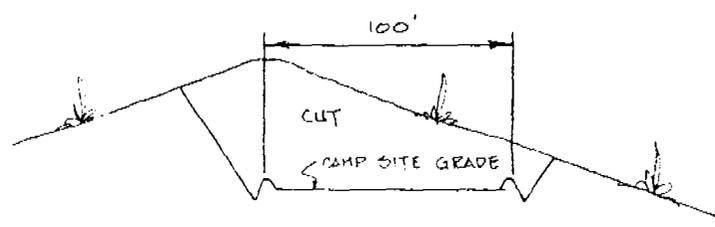


SCALES  
 1" = 50'

APPROX YARDAGES

- 1 YDS CUT 15,088
- 1 YDS FILL 8,522 x 1.2 \*
- 10'D FILL 10,226 CU. YDS.

SHRINKAGE FACTOR




Uintah Engineering & Land Surveying

DRAWER Q PHONE 789-1017  
 110 EAST 100 SOUTH  
 VERNAL UTAH 84078

EXHIBIT "C"

SCALE  
 DATE 8/10/82

DRAWN JH  
 APPROVED GS.



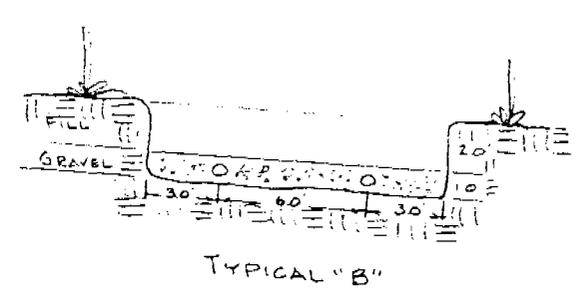
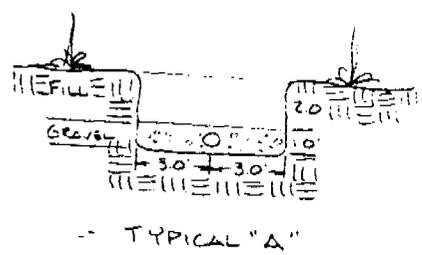
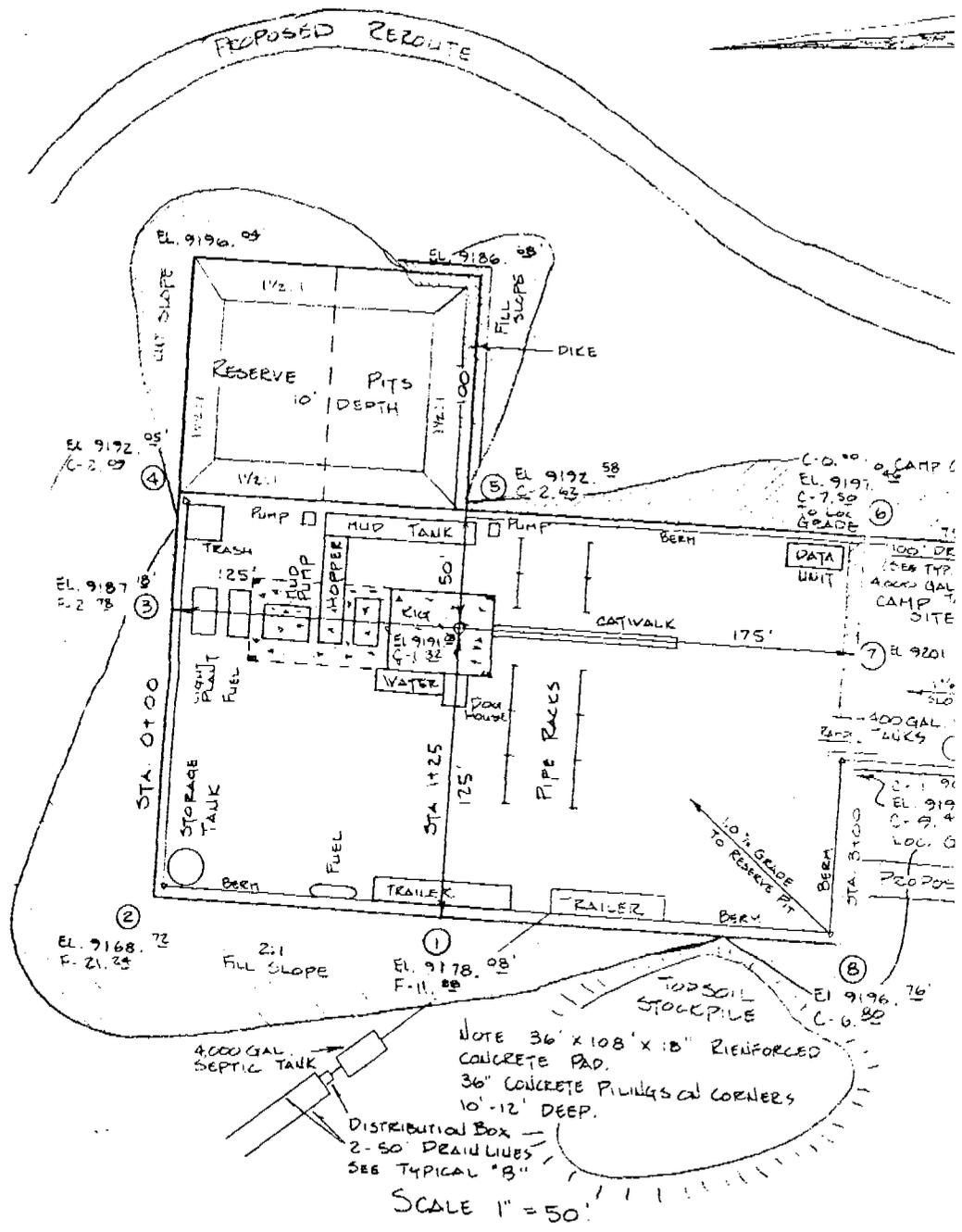


EXHIBIT "B"

HUSCH OIL COMPANY  
- BROOKS FED. #11-26

10017010

BEST COPY  
AVAILABLE

T.C.P.O.

MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Medium-duty ————— Unimproved dirt - - - - -

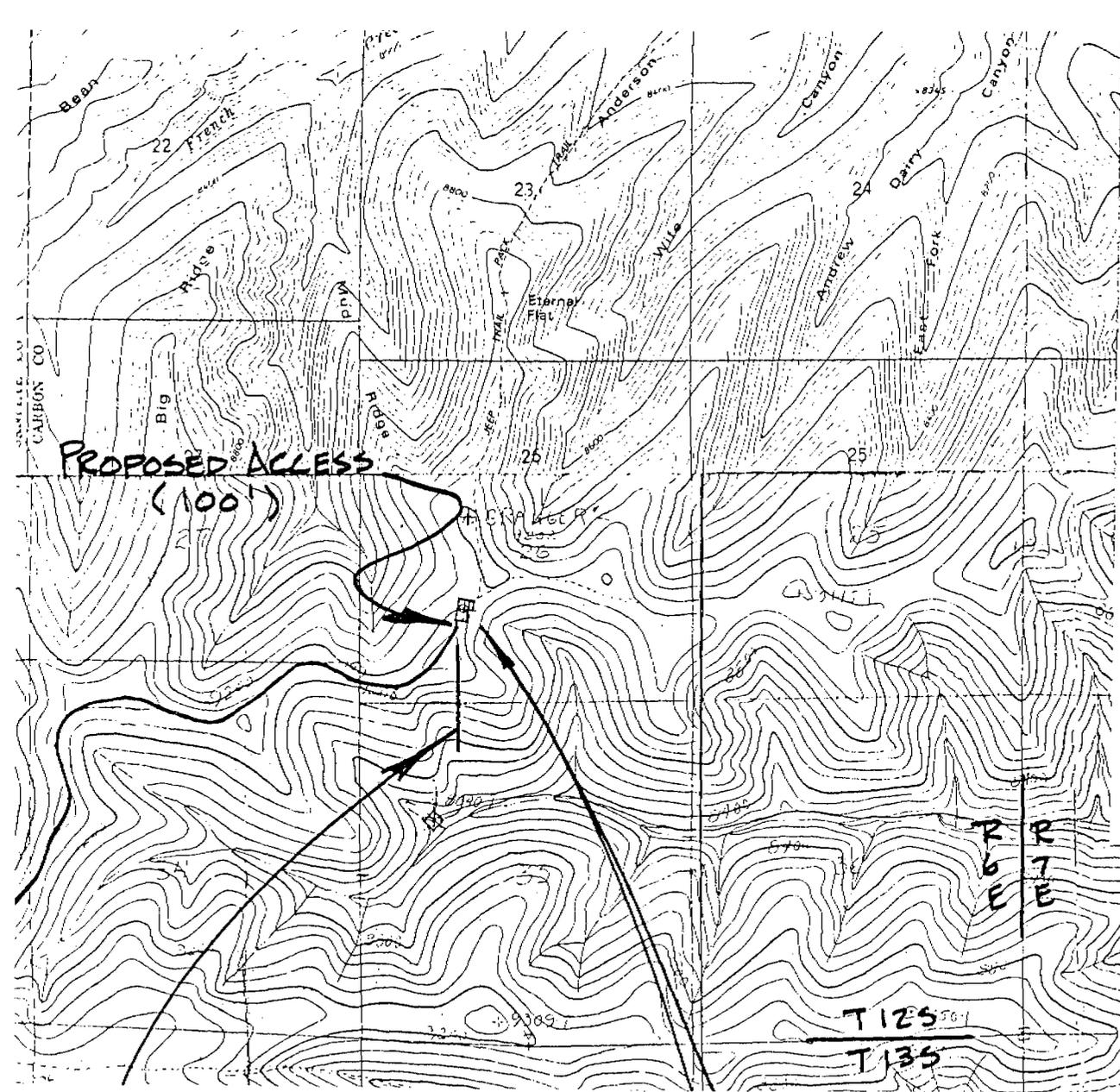


UTAH  
QUADRANGLE LOCATION

R  
6  
R  
E  
7  
E

SCOFIELD

T125  
T135



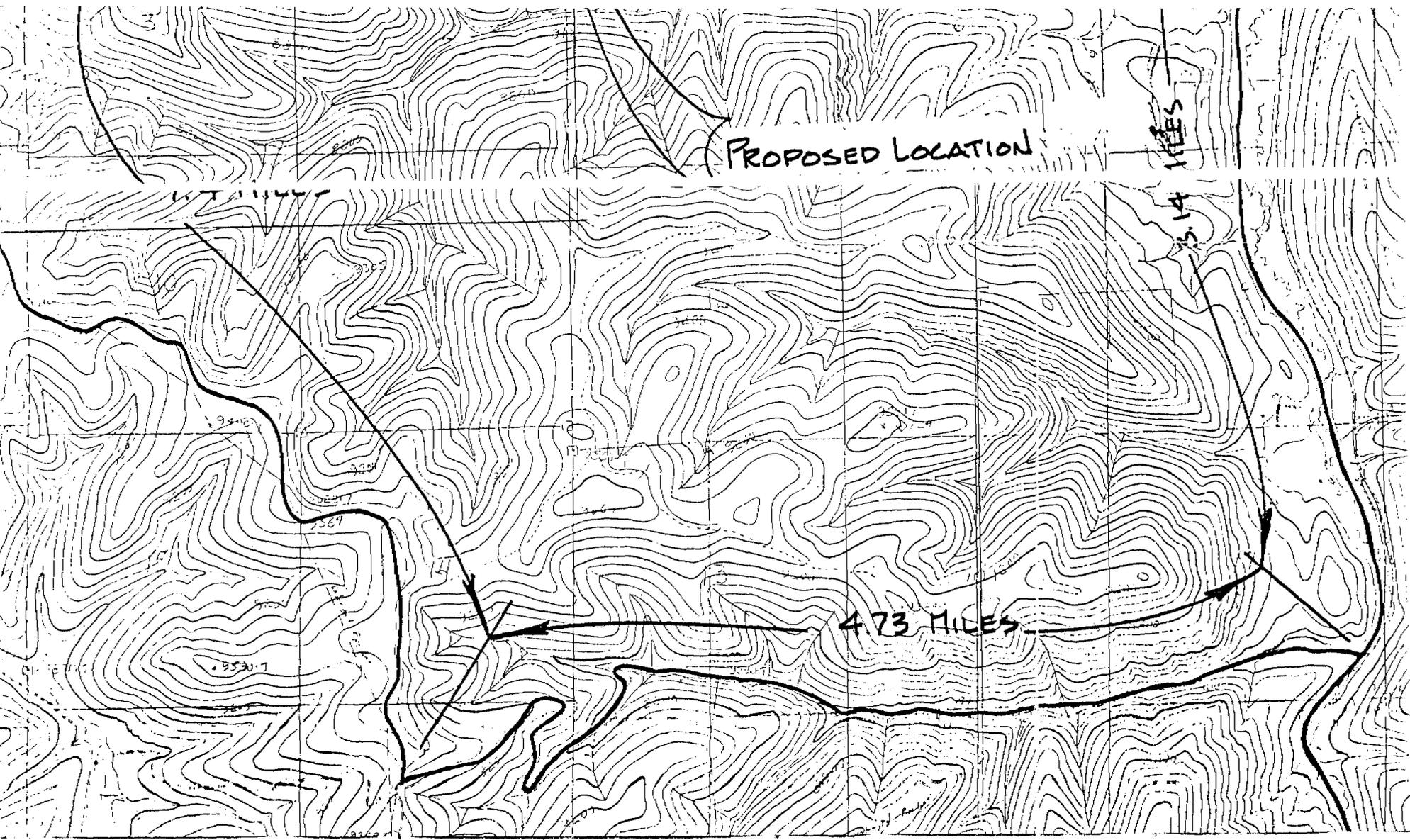
PROPOSED ACCESS  
(100')

CARBON CO

PROPOSED LOCATION

3.14 MILES

4.73 MILES





PROJECT  
**HUSKY OIL COMPANY**

**T 12 S, R 6 E, S.L.B.&M.**

Well location, **BROOKS FEDERAL**  
 # 11 - 26, located as shown in the  
 NE 1/4 SW 1/4, Section 26, T 12 S,  
 R 6 E, S.L.B.&M. Carbon County, Utah.

*BASIS OF BEARINGS IS FROM SOLAR  
 OBSERVATIONS OF THE SUN.*



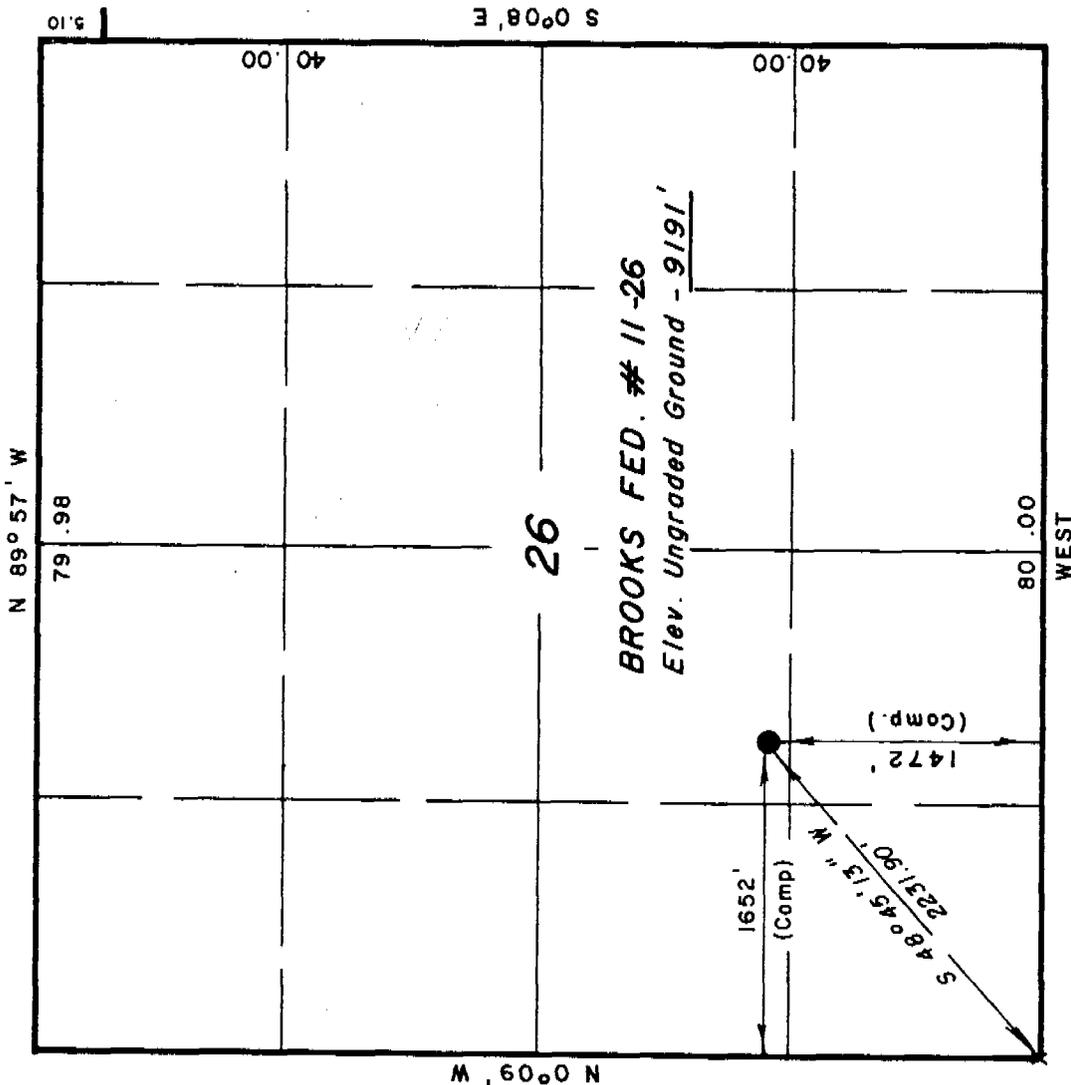
CERTIFICATE

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

*David Stewart*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3154  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 P.O. BOX Q ~ 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	8/18/82
PARTY	RT, TJ, CM, JH	REFERENCES	GLO PLAT
WEATHER	CLEAR / HOT	FILE	HUSKY



X = Section Corners Located

\*\* FILE NOTATIONS \*\*

DATE: 8-27-82  
OPERATOR: Husky Oil Co.  
WELL NO: #11-26 Brooks Fed.  
Location: Sec. NESW 26 T. 12S R. 6E County: Canton

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

API Number 43-007-30086

CHECKED BY:

Petroleum Engineer: JK, WMT  
\_\_\_\_\_  
\_\_\_\_\_  
Director: \_\_\_\_\_  
\_\_\_\_\_  
Administrative Aide: Brooks Canyon WMT  
\_\_\_\_\_  
\_\_\_\_\_

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

A-3

Lease Designation  Plotted on Map

Approval Letter Written

Hot Line  P.I.

August 31, 1982

Husky Oil Company  
6060 South Willow Drive  
Englewood, Colorado 80111

RE: Well No. 11-26 Brooks Canyon Federal  
NESW Sec. 26, T. 12S, R. 6E  
Carbon County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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 - Engineer  
Office: 533-5771  
Home: 571-6068

OR

CLEON B. FEIGHT - Director  
Office: 533-5771  
Home: 466-4455

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 43-007-30086.

Sincerely,



Norman C. Stout  
Administrative Assistant

NS/as  
cc: Minerals Management Service  
Enclosure



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

RECEIVED

March 10, 1983

MAR 15 1983

PRODUCTION-DENVER

Husky Oil Company  
6060 South Willow Drive  
Englewood, Colorado 80111

#11-26 FEDERAL BROOKS CANYON  
APTD still pending w/USFS. Have applied  
for unimproved access road permit.  
Drlg restricted to 6/1--11/1.

#7-3 FEDERAL CLAY BASIN  
Drlg restricted to 6/15--11/1.  
Expect to drill this summer.

#1 CASTLEDALE-DENISON  
Expect to spud before April 30, 1983.

Re: Well No. Brooks Canyon Fed # 11-26  
Sec. 26, T. 12S, R. 6E.  
Carbon County, Utah

Well No. Clay Basin Federal # 7-3  
Sec. 3, T. 2N, R. 24E.  
Daggett County, Utah

Well No. Castledale-Denison # 1  
Sec. 10, T. 19S, R. 8E.  
Emery County, Utah

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

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 acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Well Records Specialist

*Vera Chandler*

HUSKY OIL COMPANY  
Vera Chandler  
Assoc. Environmental Analyst

RECEIVED  
MAR 18 1983

CF/cf

DIVISION OF  
OIL, GAS & MINING

3/16/83

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

OIL & GAS OP

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

2. NAME OF OPERATOR  
 HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR  
 6060 S. Willow Drive, Englewood, Colorado 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)  
 At surface 1472' FSL & 1652' FWL, NE 1/4 SW 1/4  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Apprx. 18 miles from Scofield, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2650' + FWL

16. NO. OF ACRES IN LEASE 17. ACRES ASSIGNED TO WELL  
 640

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

19. PROPOSED DEPTH  
 7900'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 9191' GR

22. APPROX. DATE WORK WILL START\*  
 9/30/82

5. LEASE DESIGNATION AND SERIAL NO.  
 U-21514

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  
 SALT LAKE COUNTY

7. UNIT AGREEMENT NAME  
 BROOKS CANYON

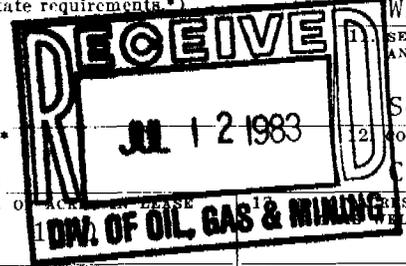
8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 11-26 Brooks Federal

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 26, T12S, R6E

12. COUNTY OR PARISH 13. STATE  
 Carbon Utah



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65# H-40	300'	335 sx Class "G"
14-3/4"	8-5/8"	32# H-40	2500'	2000 sx Class "G"
7-7/8"	4-1/2"	10.5# K-55	7900'	300 sx Class "H"

Husky Oil Company requests permission to drill the captioned well to test the Dakota formation. We propose to test all shows of gas or oil deemed worthy of test, and to set casing, as above, or to plug and abandon in accordance with instructions received from U.S. Minerals Management Service.

A cultural resource inventory for the location and access roads was conducted by Brigham Young University and was submitted by Asa Nielson on August 19, 1982. Cultural clearance was recommended for this project. An application for a road permit was submitted on August 9, 1982, and will be followed with a road design by Uintah Engineering.

Application for Location Exception is being made to Division of Oil, Gas, and Mining, State of Utah.

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

24. SIGNED Vera Chandler TITLE Technical Assistant DATE August 24, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVED BY W.D. Mouton TITLE E. W. Guynn DATE JUL 08 1983  
 District Oil & Gas Supervisor

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL  
 STATE O & G  
 CONDITIONS OF APPROVAL ATTACHED  
 TO OPERATOR'S COPY  
 FLARING OR VENTING OF GAS IS SUBJECT TO NPL 4A DATED 1/1/82

AMENDED CASING & CEMENTING PROGRAM

<u>Hole</u>	<u>Casing</u>	<u>Wt./Ft.</u>	<u>Depth</u>	<u>Cement</u>
20"	16"	65# H-40	300'	335 sx Class "G"
14-3/4"	9-5/8"	40# N-80 <i>K55</i>	5000'	4000 sx Class "G"
8-3/4"	5-1/2"	15.5# K-55	8500'	500 sx Class "H"

AMENDED PRESSURE CONTROL EQUIPMENT

BOP's and choke manifold are shown on attached schematic diagrams:

- Figure 1: 2000 psi working pressure BOP stack on 16" casing
- Figure 2: 2000 psi working pressure choke manifold
- Figure 3: 3000 psi working pressure BOP stack on 9-5/8" casing
- Figure 4: 3000 psi working pressure choke manifold

All BOP equipment will be pressure tested to full rated WP or 70% of casing internal yield (whichever is less) prior to drilling out the casing shoe.

AMENDED MUD PROGRAM

- 1-300': Spud mud.
- 300-5000': Air, Air-mist, or Performed Stabilized Foam.
- 5000'-TD: Air. If large volume of water or unstable hole conditions are encountered, a parasite tubing method of aeration with LSND mud will be used. Mud weight 8.6#/gal., viscosity of 32 sec./qt. or more, water loss 15 cc/30 min. or less.

AMENDED BHP ESTIMATE: 4000 psi maximum

ANTICIPATED SPUD DATE: September 1, 1983

ANTICIPATED DURATION: 30 days drilling

vc  
vc.

2000 PSI Working Pressure  
Blowout Preventer Stack  
On 16" Casing

---

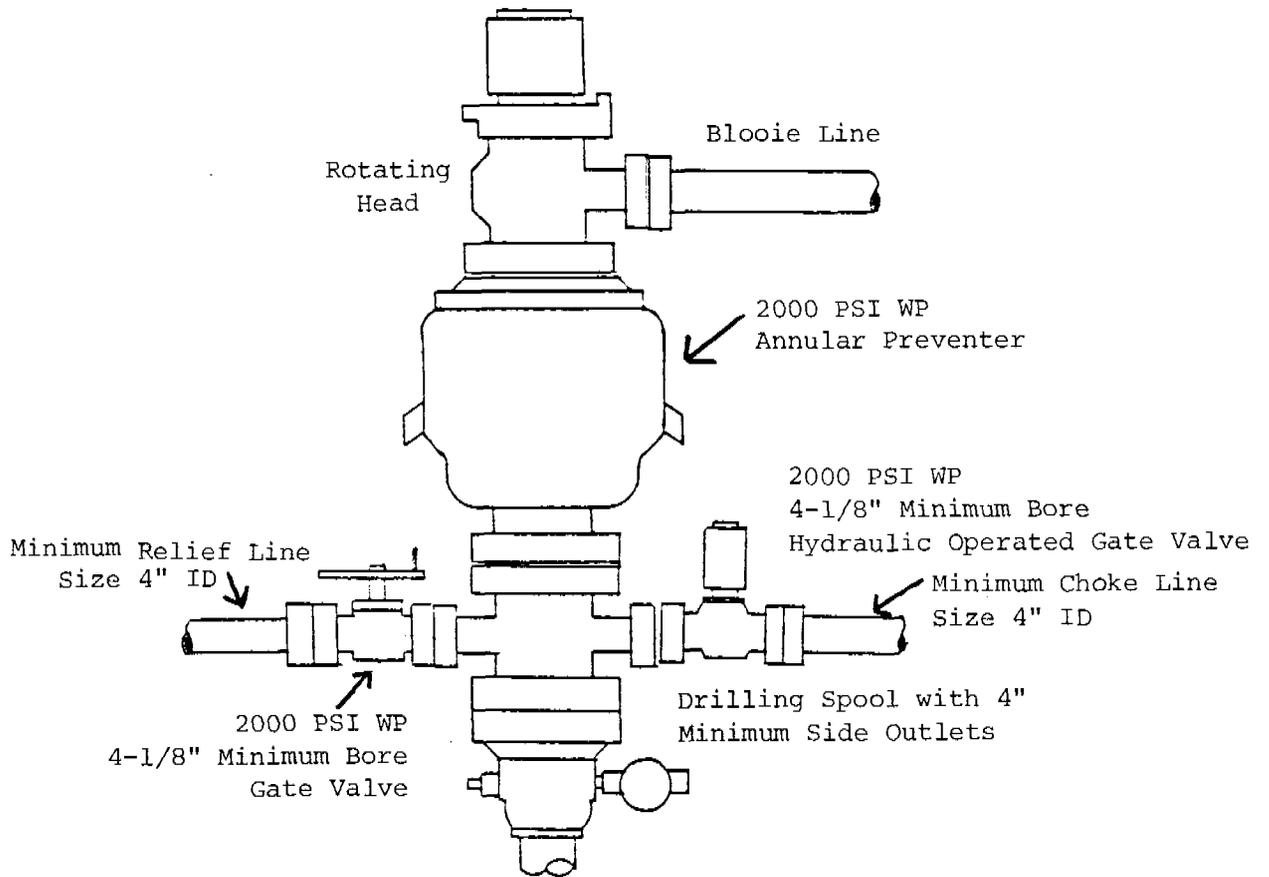


FIGURE 1

2000 PSI WORKING PRESSURE

CHOKE MANIFOLD

---

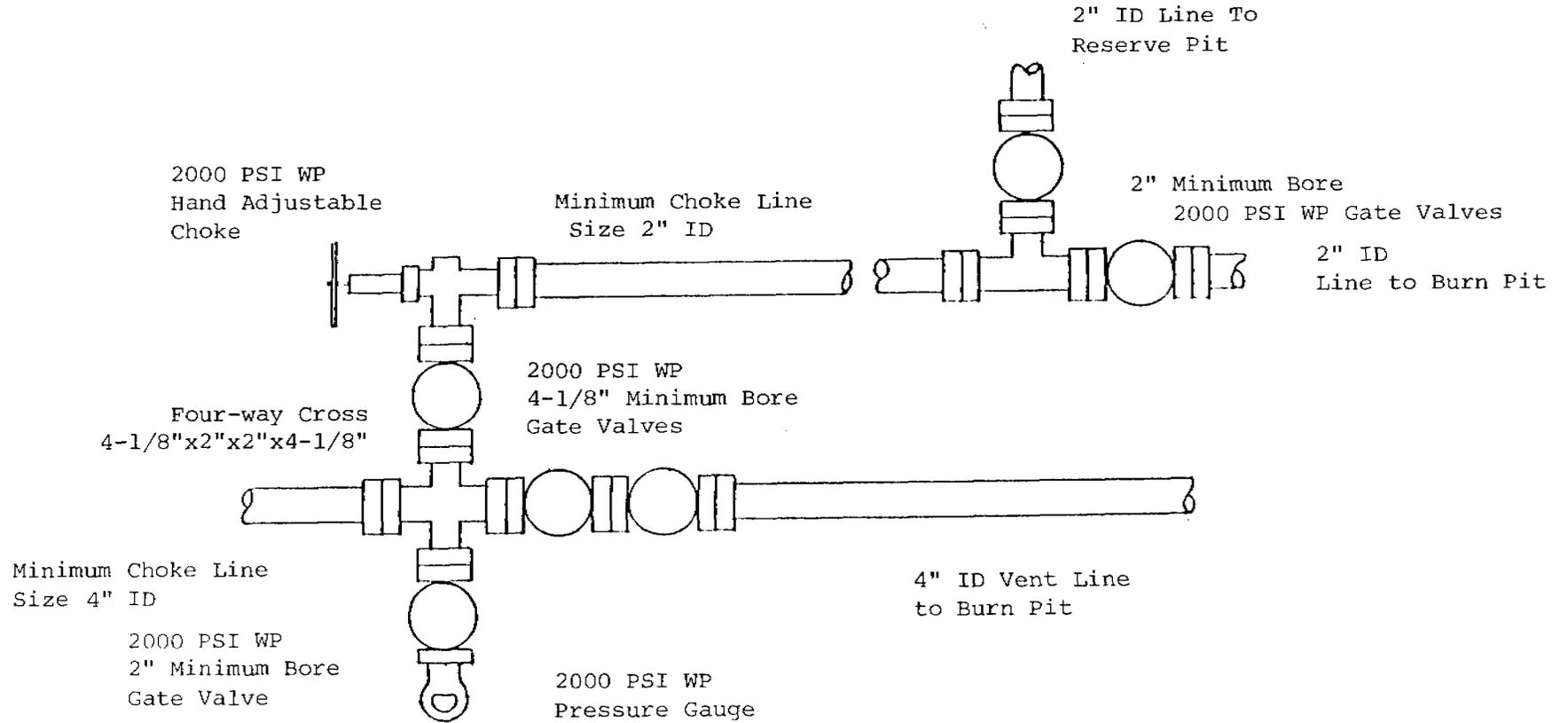


FIGURE 2

3000 PSI WORKING PRESSURE  
 BLOWOUT PREVENTER STACK  
 ON 9-5/8" CASING

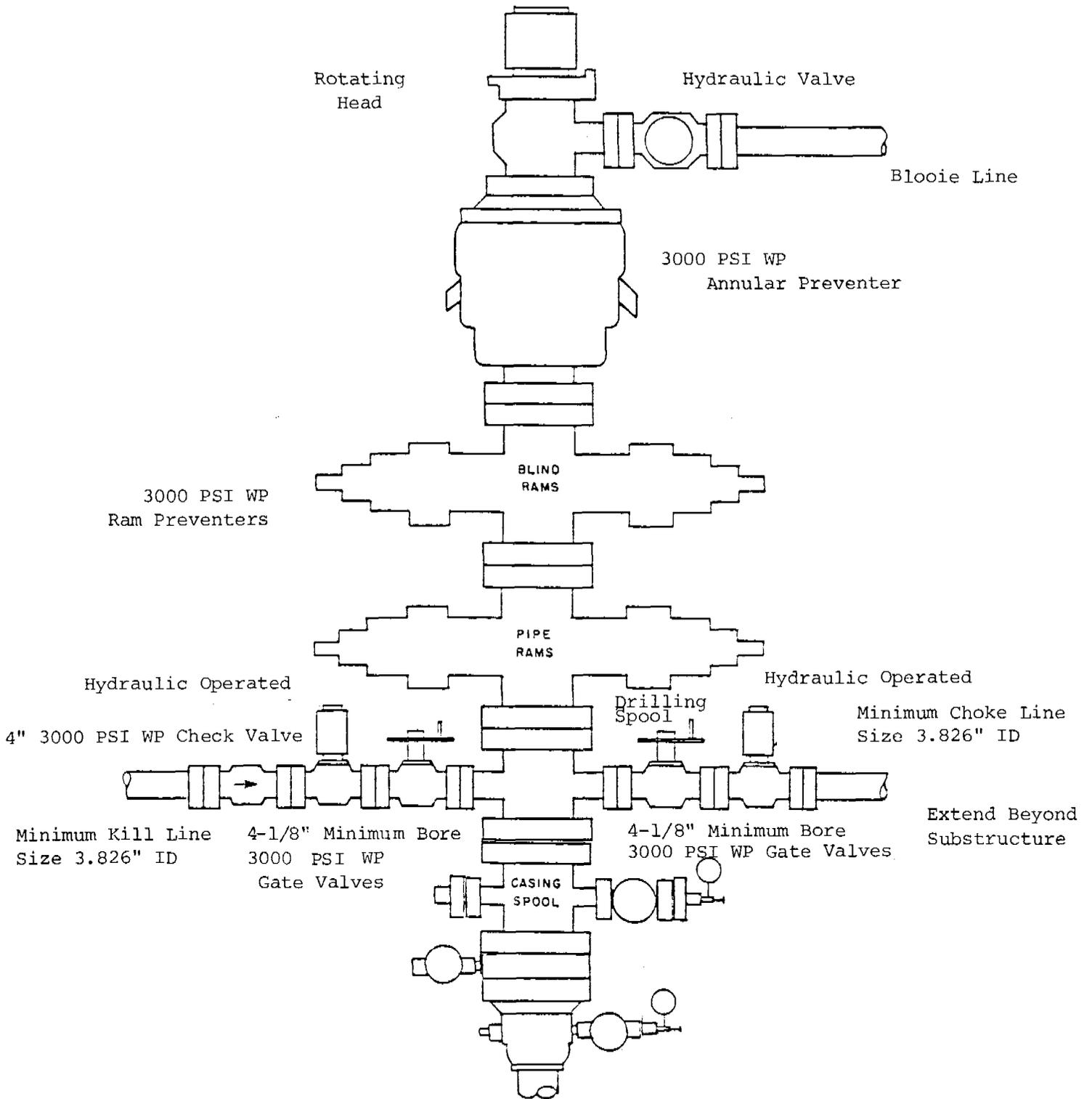


FIGURE 3

3000 PSI WORKING PRESSURE

CHOKE MANIFOLD

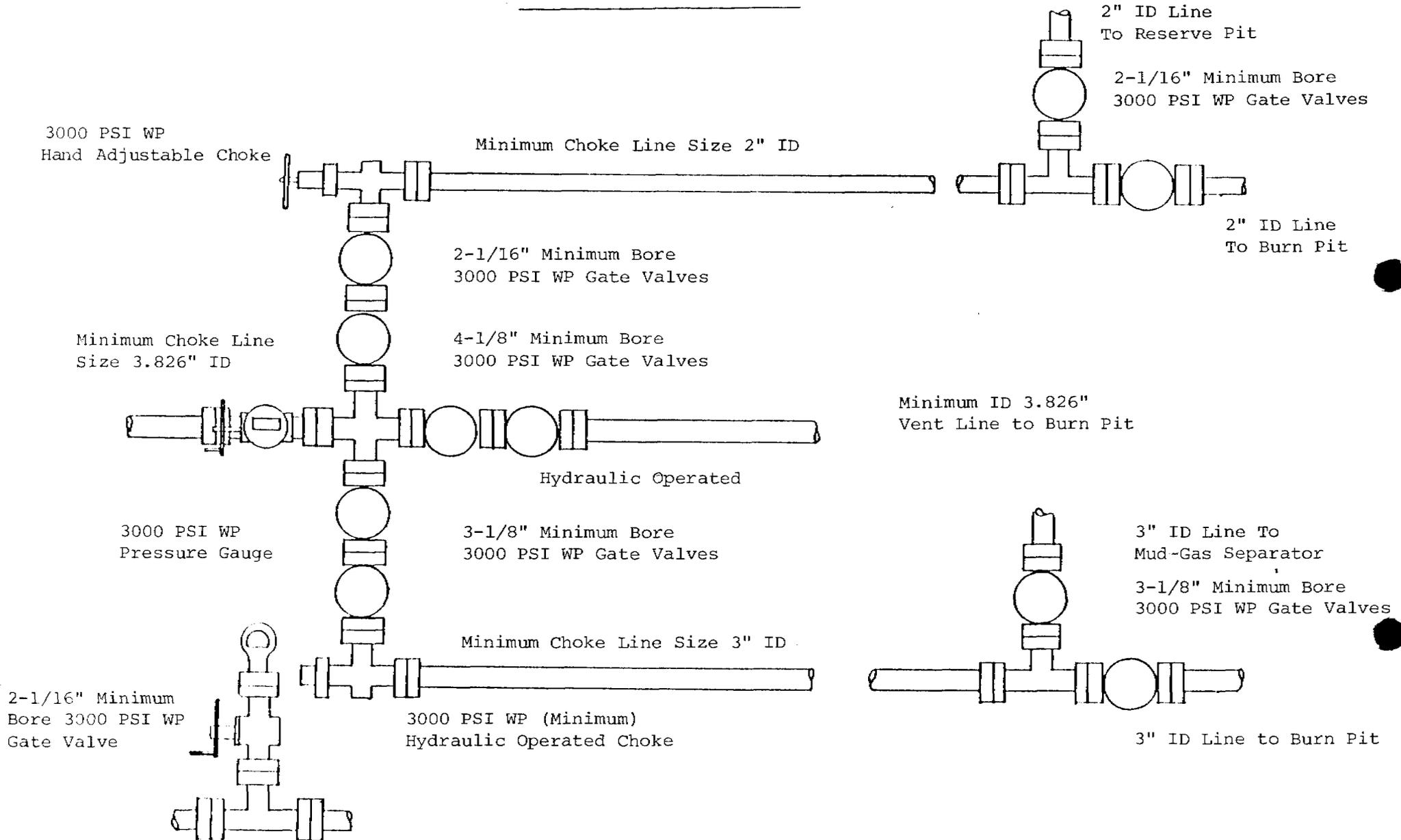


FIGURE 4

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  
HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR  
6060 S. Willow Drive, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1472' FSL & 1652' FWL, NE 1/4 SW 1/4  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*

- 
- 
- 
- 
- 
- 
- 
- 

(other) Amended TD & Formation Tops, BOP's, Casing & Mud Programs

5. LEASE  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Brooks Canyon

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
11-26 Brooks Federal

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

14. API NO.  
43-007-30086

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9191' 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.)\*

APTD for subject well was filed in August, 1982; since that time, the geological prognosis has been amended. Husky Oil Company now requests permission to amend the permit to comply with our current engineering program as follows:

AMENDED TD & FORMATION TOPS

TD: 8500'  
TARGET: Ferron Test

TOPS:	Mesa Verde	Surface
	Mancos	3000'
	Blue Gate	5000'
	Ferron	7750'
	Tununk	8400'

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

DATE: 8/15/83  
BY: [Signature]

(continued on attached page)

Subsurface Safety Valve Manufacturing Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Vera Chandler TITLE Assoc. Environmental Analyst DATE August 10, 1983

(This space for Federal or State office use)

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

before with  
of

NOTICE OF SPUD

Company: Husky Oil Company

Caller: Richard Logan

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

Well Number: Brooks Canyon 11-26

Location: NESW 26-12S-6E

County: Carbon State: Utah

Lease Number: U-21514

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

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

Date & Time Spudded: 9-9-83 2:00 A.M.

Dry Hole Spudder/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) 17 1/2"

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Rotary Rig Name & Number: \_\_\_\_\_

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

FOLLOW WITH SUNDRY NOTICE

Call Received By: RL

Date: 9-9-83

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: HUSKY OIL COMPANY

WELL NAME: BROOKS CANYON FED 11-26

SECTION NESW 26 TOWNSHIP 12S RANGE 6E COUNTY CARBON

DRILLING CONTRACTOR V C

RIG # 7

SPUDDED: DATE 9-9-83

TIME \_\_\_\_\_

How Rotary

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

REPORTED BY Richard Logan

TELEPHONE # \_\_\_\_\_

DATE 9-9-83 SIGNED RJF

DOUBLE "D" ENTERPRISES

24  
SEND TO BTAH STATE

B.O.P. Test Report

BEST COPY AVAILABLE

O.P. TEST PERFORMED ON (DATE) 9-13-83

WELL CO.: Husky

WELL NAME & NUMBER Fed - Broots Canyon 11-26 ✓

SECTION

OWNSHIP

RANGE

OUNTY

DRILLING CONTRACTOR Johnson - Cochrane (7)

VOICES BILLED FROM: DOUBLE "D" ENTERPRISES, INC.  
213 Morse Lee Street - Box 560  
Shoshone Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: DOUBLE "D" ENTERPRISES, INC.  
712 Morse Lee Street  
Evanston, Wyoming 82930  
Phone: (307) 789-9213 or (307) 789-9214

WELL CO. SITE REPRESENTATIVE Richard Hogan

RIG TOOL PUSHER

TESTED OUT OF Evanston

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: U.S.G.S.  
Forrest Service (Manti-lasalle)

ORIGINAL CHART & TEST REPORT FILE AT: Evanston OFFICE

# DOUBLE 'D' TESTING

P.O. Box 560  
Shoshoni, Wyoming 82649  
307-876-2308

DELIVERY TICKET

Nº 1501

RENTED TO Husky NO \_\_\_\_\_  
DATE 9-13-82

ORDERED BY Richard Logan LEASE Fed Brooks Company NO. 11-26

Rental begins when tools leave our warehouse and continues until returned thereto. Rental day starts at midnight and part day shall be charged as full day. 300 100 300 NIC

TRANSPORTATION - TO AND FROM JOBSITE 200 MILES 100 \$ 200

DOUBLE D Portable BLOWOUT PREVENTER PRESSURE TESTING SERVICE:  
First eight hour test period \$ 800  
Additional eight hours or fraction \$ N/C

Items Tested:

rams to \_\_\_\_\_ # \_\_\_\_\_ Csg. to \_\_\_\_\_ # \_\_\_\_\_  
rams to \_\_\_\_\_ # Hydril B O P to 2000 # \_\_\_\_\_  
rams to \_\_\_\_\_ # Choke Line 2000 # \_\_\_\_\_  
rams to \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_  
TEST SUBS 4 1/2 IF Kelly sub @ 50 \$ N/C

OTHER  
All Tests Held 15 minutes  
Accumulator pressure  
charged up w/ air pump as  
Hydraulic triplex down  
No wear ring set  
16" National plug on location  
CLOSED casing head valve  
when through with test

SUBTOTAL 1,000

U.C. # 7  
We Appreciate Your Business Thanks TOTAL \$ \_\_\_\_\_

TERMS NET CASH - NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

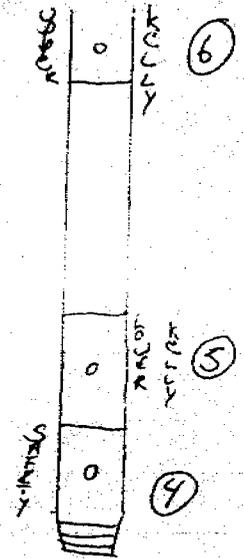
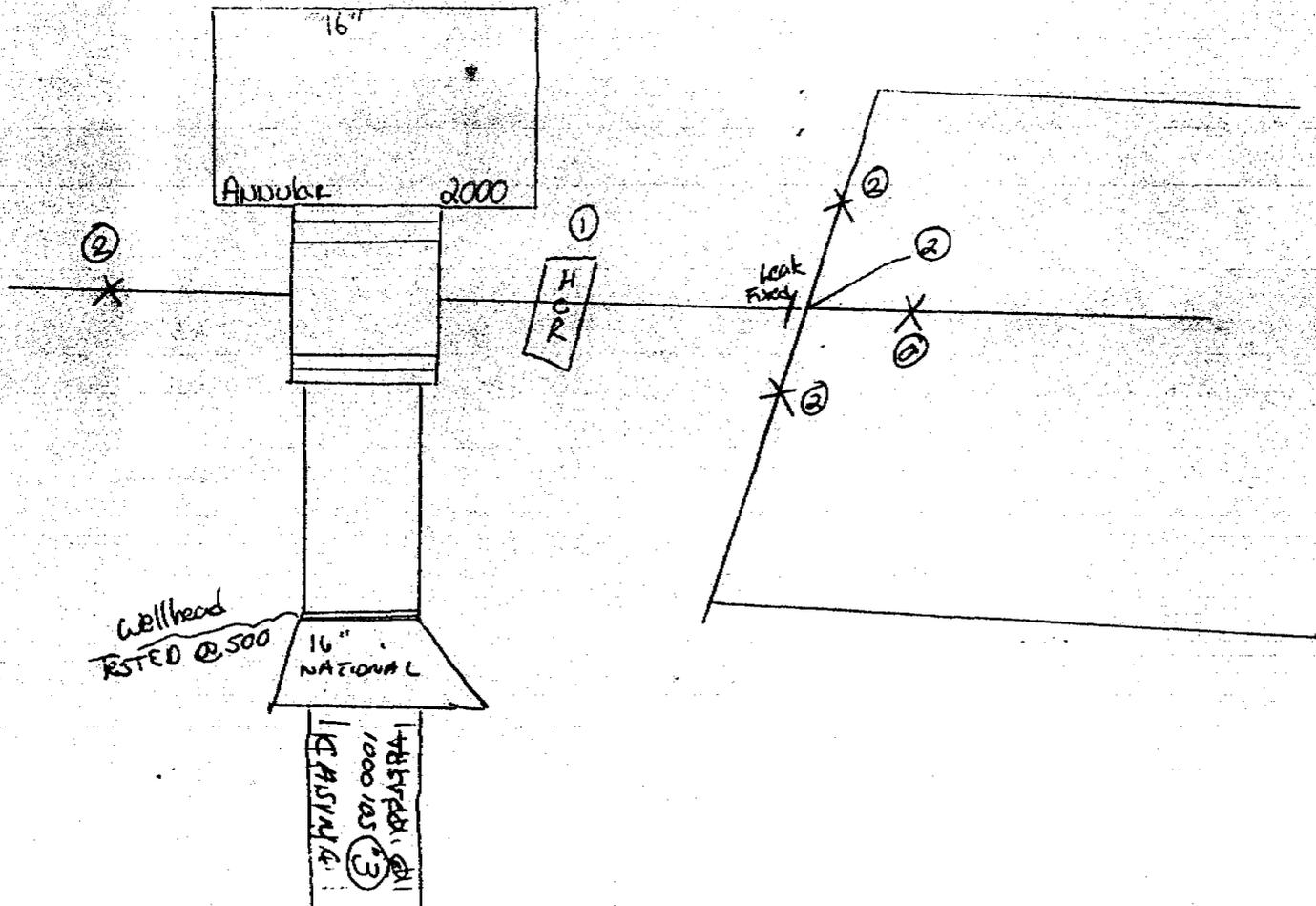
TERMS: Net Cash - No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By: \_\_\_\_\_ OWNER OR OWNER'S REPRESENTATIVE  
By: Martin Rojas

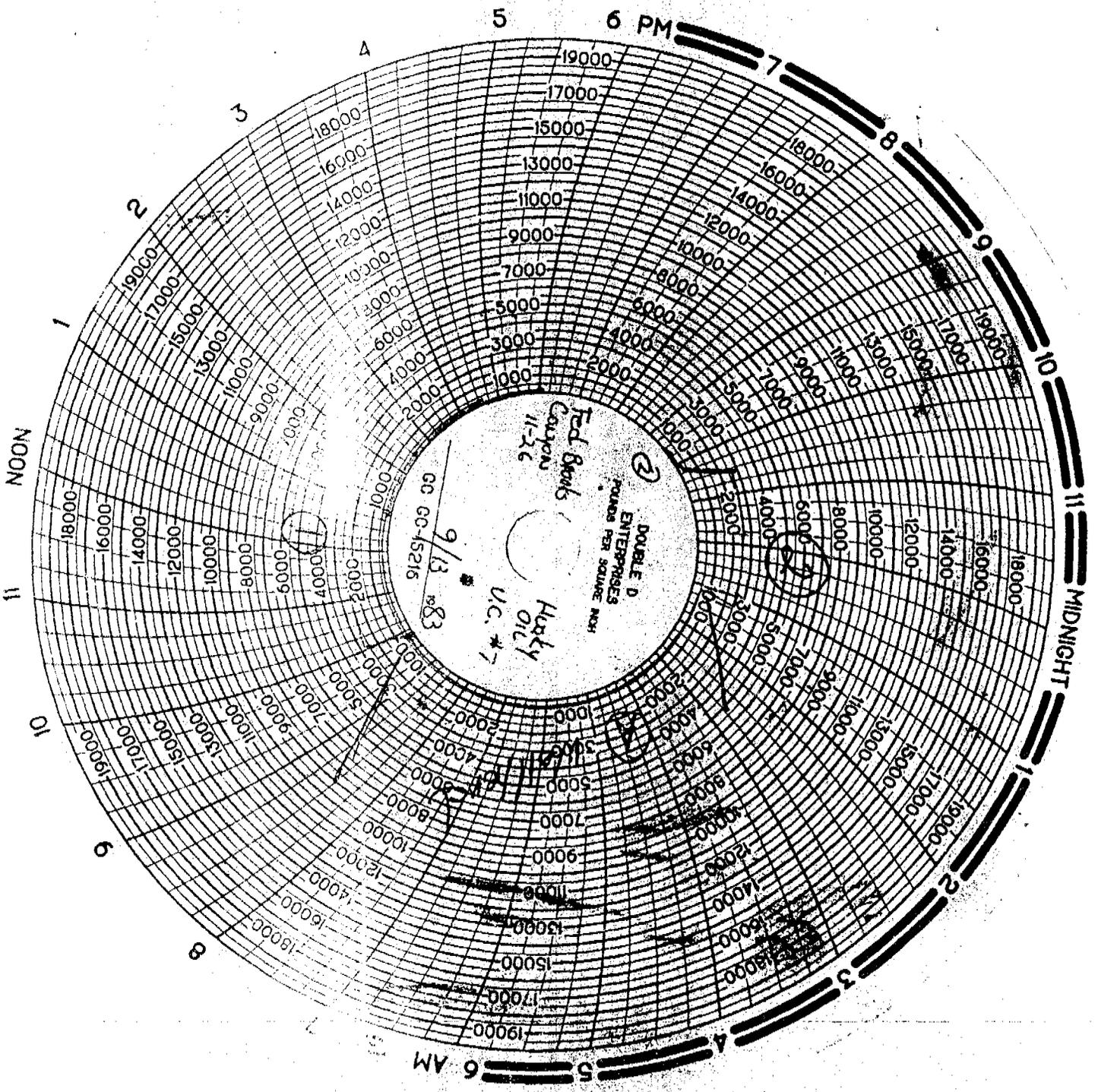
V.C. # 7 - Husky Oil - Fed Brooks Canyon 11-26

- 11:00 AM Finnish nipple up - hook up Kookey lines
- 1:00 p.m. Rig up choke line test well head @ 500 p.s.i (TEST A)
- 1:05-2:05 Work on well - not enough air pressure on rig to close efficiently
- 2:05-2:20 Pressure up against Hydril, H.C.R. (1)
- 2:25-3:00 Test against Hydril and inside manuals on choke line. (fixed leak on choke line) good (2)
- 3:05-3:25 Test against Hydril and entire hole @ 1000 p.s.i (3)
- 3:30-4:5 handle kelly - @ 2000 p.s.i (4)
- 4:05 Upper kelly - @ 2000 p.s.i (5)
- 5:00 NO wearbushing Set - Closed Casinthead Valve Safety @ 2000 p.s.i (6)

No carbushing SET.







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  
HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR  
6060 S. Willow Drive, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1472' FSL & 1652' FWL, NE $\frac{1}{4}$  SW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Brooks Canyon

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
#11-26 Brooks Federal

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

14. API NO.  
43-007-30086

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9191' GR

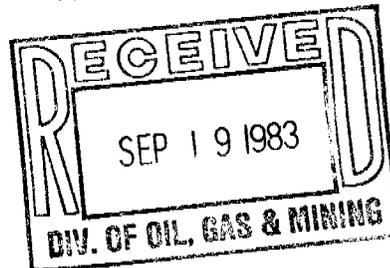
REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Spud &amp; Surface Casing</u>	

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

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

Well spudded @ 2:00 a.m. on September 9, 1983.

Ran 11 jts 16", 65#, H-40, ST&C csg. Set @ 314' KB on 9/12/83  
Cmt'd w/1205 sx Class "G" w/2% CaCl<sub>2</sub> + 1/4 pps Flocele.  
Circulated 70 bbls cmt.



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

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

SIGNED Vera Chandler TITLE Assoc. Environmental Analyst DATE September 15, 1983  
Vera Chandler 303/850-1462

(This space for Federal or State office use)

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

HUSKY OIL COMPANY  
BROOKS CANYON 11-26

EV-80-30091  
10-5-83

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
0	N 0 0 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00
250	S 85 0 E	0.75	249.99	0.15 S	1.63 E	0.43	0.30
500	S 65 12 E	0.65	499.97	0.89 S	4.55 E	1.67	0.10
750	S 39 36 E	0.97	749.95	3.12 S	7.18 E	4.32	0.19
1000	S 22 36 E	1.71	999.88	8.19 S	9.97 E	9.81	0.33
1250	S 17 48 E	2.33	1249.72	16.47 S	12.95 E	18.49	0.26
1500	S 14 18 E	3.09	1499.44	27.84 S	16.17 E	30.25	0.31
1750	S 10 48 E	3.79	1748.99	42.49 S	19.39 E	45.23	0.29
2000	S 10 0 E	4.74	1998.29	60.77 S	22.72 E	63.82	0.38
2250	S 10 36 E	5.81	2247.23	83.39 S	26.85 E	86.80	0.43
2500	S 8 18 E	6.78	2495.72	110.43 S	31.30 E	114.21	0.40
2750	S 8 12 E	6.89	2743.94	139.87 S	35.57 E	143.94	0.04
3000	S 8 54 E	6.49	2992.24	168.67 S	39.90 E	173.05	0.16
3250	S 8 42 E	6.81	3240.55	197.28 S	44.33 E	202.00	0.13
3500	S 8 24 E	6.65	3488.83	226.25 S	48.68 E	231.28	0.07
3750	S 8 24 E	6.54	3737.18	254.66 S	52.88 E	259.98	0.04
4000	S 7 6 E	6.40	3985.58	282.57 S	56.68 E	288.13	0.08
4250	S 7 0 E	6.84	4233.91	311.17 S	60.22 E	316.90	0.18
4500	S 5 36 E	6.75	4482.16	340.57 S	63.46 E	346.41	0.08
4600	S 1 36 E	7.23	4581.41	352.71 S	64.21 E	358.50	0.68
4650	S 0 42 W	6.65	4631.04	358.75 S	64.26 E	364.45	1.29

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.  
THE VERTICAL SECTION WAS COMPUTED ALONG S 10 9 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE  
DISPLACEMENT IS 364.45 FEET, IN THE DIRECTION OF S 10 9 E  
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.  
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

NL SPERRY-SUN



Casper District Office  
P.O. Box 183  
Casper, Wyoming 82602  
(307) 472-5757  
October 6, 1983

Husky Oil Company  
6060 South Willow Drive  
Englewood, Colorado 80111

ATTN: Kirth Erickson

Re: Our Job No. EV-BW-30091  
Brooks Canyon 11-26  
Carbon County, Utah  
Survey Date: 10-5-83

Dear Mr. Erickson:

Enclosed you will find three (3) copies of our Directional Survey Report of the above referenced well.

Each folder contains the plots and computer results.

Thank you for this opportunity to be of service. We certainly appreciate your business and look forward to working with you again.

Sincerely,  
NL SPERRY-SUN, INC.

John Hienaman  
District Manager

JH:mu

cc: See attached distribution list.

10-11-83

DIVISION OF  
GAS & MINING

DISTRIBUTION LIST FOR BROOKS CANYON 11-26

Sierra Energy Co. (1)  
ATTN: Marion Millet  
P.O. Box 20200  
Reno, Nevada 89520

Marathon Oil Company (1)  
ATTN: South Western Exploration Supervisor  
P.O. Box 2659  
Casper, Wyoming 82602

Cities Service Company (1)  
ATTN: Fidel Dumas  
900 Colorado State Bank  
1600 Broadway  
Denver, Colorado 80202

Celsius Energy (1)  
ATTN: Mike Brown  
P.O. Box 11070  
Salt Lake City, Utah 84147

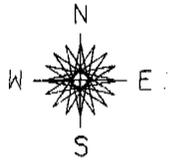
BLM (2)  
ATTN: EW Guynn  
1745 West 1700 South, Suite 2000  
Salt Lake City, Utah

Utah Division of Oil, Gas & Mining (1)  
ATTN: Cleon B. Feight  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

U.S. Forest Service (1)  
ATTN: WH Boley , District Ranger  
Manti La Sal National Forest  
599 W. Price River Drive  
Price, Utah 84501

# NL SPEKRI-SUN INCORPORATED

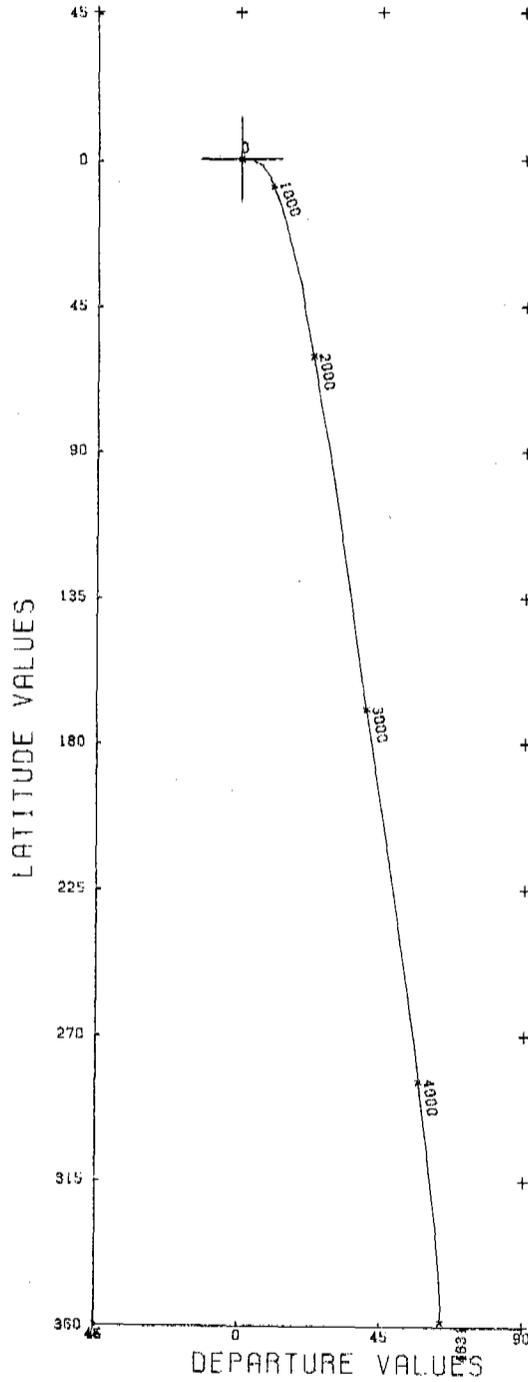
HORIZONTAL PROJECTION  
NO WELLS HAVE BEEN EXTRAPOLATED



CUST. HUSKY OIL COMPANY  
JOB. NO. EV-B0-30091  
START TVD. = 0  
SCALE IS 45 FEET/INCH  
COURSE LENGTH = 100

REF. IS. BROOKS CANYON 11-26  
DATE. 10-5-83  
FINISH TVD. = 4631  
AXIS IS TRUE NORTH

PLOTTED VALUES SHOWN ARE TRUE VERTICAL DEPTHS



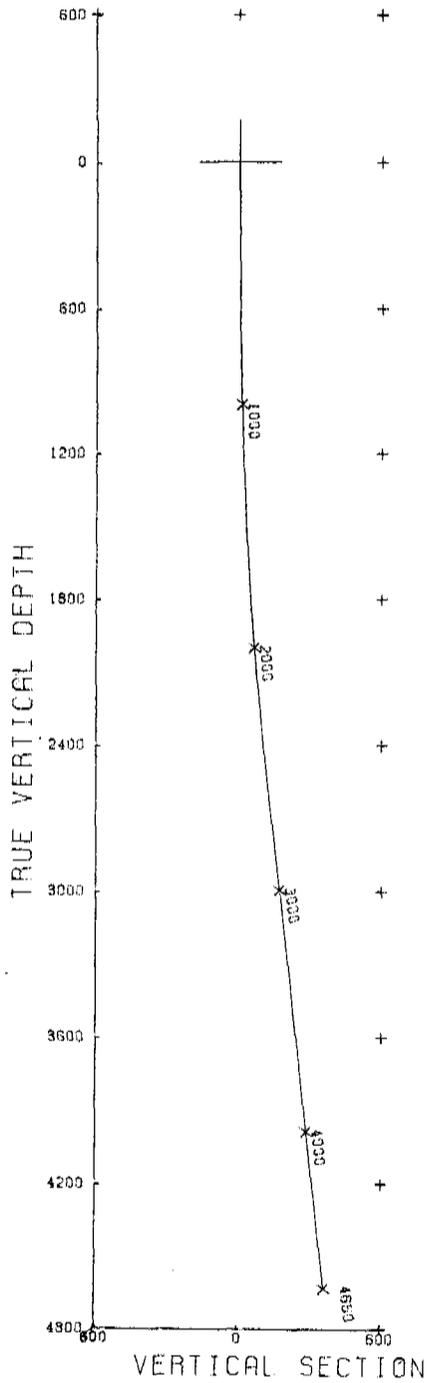
# NL SPERRY-SUN INCORPORATED

VERTICAL PROJECTION  
NO WELLS HAVE BEEN EXTRAPOLATED

CUST. HUSKY OIL COMPANY  
JOB. NO. EV-80-30091  
START MD. = 0  
SCALE IS 600 FEET/INCH  
COURSE LENGTH = 100

REF. IS. BROOKS CANYON 11-26  
DATE. 10-5-83  
FINISH MD. = 4650  
V. S. AZM. = 170.00

PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



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  
HUSKY OIL COMPANY

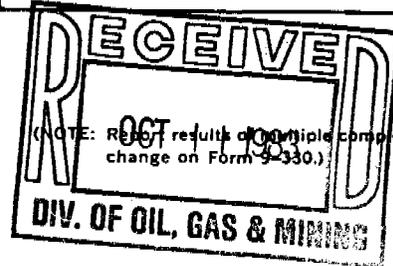
3. ADDRESS OF OPERATOR  
6060 S. Willow Drive, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1472' FSL & 1652' FWL, NE $\frac{1}{4}$  SW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

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"/>
PLUG 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) Ran Intermediate Casing			

5. LEASE U-21514
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Brooks Canyon
8. FARM OR LEASE NAME Federal
9. WELL NO. 11-26 Brooks Federal
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 26, T12S, R6E
12. COUNTY OR PARISH Carbon
13. STATE Utah
14. API NO. 43-007-30086
15. ELEVATIONS (SHOW DF, KDB, AND WD) 9191' GR



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.)\*

Ran 9-5/8" casing as follows: 777' 36# S-80 on bottom, followed with 3813' 40# K-55.

Set @ 4595', FC @ 4549',

Cemented with 500 sx Class "G" + 2% A-2, 0.3% R-5

Followed with 400 sx Class "G" + 0.2% R-5, 0.75% D-31.

Bumped plug @ 4:15 p.m. 10/2/83 w/1500 psi. Held OK.

Nippled up. Tested BOPE to 5000 psi, Hydril to 3500 psi, csg to 2000 psi.

WOC. At 4:00 p.m. 10/4/83, started drlg cmt, float & shoe (4549-4595').

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

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

SIGNED Vera Chandler TITLE Assoc. Environmental Analyst

October 5, 1983

(This space for Federal or State office use)

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number #11-26 Federal Brooks Canyon

Operator Husky Oil Company Address 6060 So. Willow Dr., Englewood CO 80111

Contractor Viersen & Cochran Drlg Address P.O.Box 19227; Oklahoma City, OK 73144

Location NE 1/4 SW 1/4 Sec. 26 T: 12S R. 6E - County Carbon

Water Sands

	<u>Depth</u>		<u>Volume</u> Flow Rate or Head	<u>Quality</u> Fresh or Salty
	From	To		
1.	3139'	4534'	Variable rates from numerous think sands in the Emery formation	Fresh
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

Blackhawk 776'; Star Point 1714'; U. Mancos 2231'; Emery 3139'; Blue Gate 4534';  
Remarks Ferron 6585'

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

GEOLOGICAL WELL REPORT

HUSKY OIL COMPANY  
No. 11-26 Brooks Federal  
Section 26, T12S-R6E  
Carbon County, Utah

PREPARED BY: J. J. Haverfield  
PETROLEUM GEOLOGICAL  
SERVICES, INC.  
235 N. Wolcott, #12  
Casper, Wyoming 82601  
PH: 307-266-1276

**RECEIVED**  
NOV 16 1983

**DIVISION OF  
OIL, GAS & MINING**

WELL DATA

OPERATOR: Husky Oil Company  
WELL NAME: No. 11-26 Brooks Federal  
LOCATION: 1472' FSL, 1652' FWL, section 26, T12S-R6E  
COUNTY: Carbon  
STATE: Utah  
ELEVATION: 9191' GL, 9213' K.B.  
DRILLING FOREMAN: Richard Logan, Johnny Odum  
CONTRACTOR: Viersen & Cochran Drilling Co., Rig No. 7  
TOOLPUSHER: Jim Foreman  
DRILLERS: T E Jones, K C Bolen, Dempsey Roberts,  
W C Roundy  
DRAW WORKS: Unit 712  
DERRICK: Lee C Moore 142'  
MOTORS: 2 Catipillar 398's  
PUMPS: NO. 1 Nat 9P100  
NO. 2 Emsco F1000  
DRILL PIPE: 4 1/2"  
DRILL COLLARS: 9"  
MUD COMPANY: Newpark Drilling Fluids, Denver, Colorado  
MUD ENGINEER: Vernon McNeill  
DRILLING FLUID: Gel and Lime: KCl Mud 4600' to TD  
ELECTRICAL LOGGING: Gearhart  
LOGGING ENGINEER: Mr. Gegg, Mr. Krumm  
SURVEYS RUN: RUN No. 1 4600-surface pipe, DIL-GR and CDL-CNL-GR-  
Caliper  
RUN No. 2 4600-7094, DIL-GR, CDL-CNL-GR-Caliper, BHC  
Sonic-GR-Cal, Dipmeter



DAILY WELL HISTORY

DATE	DEPTH	OPERATION	PROGRESS	REMARKS
9/9/83	106'	Working on pumps	106'	Spudded 1 A.M.
9/10/83	262'	Drilling	156'	Drilling Surface hole
9/11/83	314'	Reaming 26" hole at 126'.	52'	
9/12/83	314'	Preparing to run casing	0'	Finished reaming at 6:30 A.M., ran 11 joints of 16" casing cemented with 905 sacks cement.
9/13/83	314'	Nippling up	0'	
9/14/83	354'	Trip to change collars	50'	Drilled shoe and 50' with mud.
9/15/83	819'	Drilling	465'	
9/16/83	1,397'	Drilling	578'	
9/17/83	1,904'	Drilling	507'	
9/18/83	2,430'	Drilling	526'	
9/19/83	2,689'	Drilling	259'	Trip for Bit No. 6 at 2510' Reduced hole size to 12 1/4
9/20/83	3,087'	Tripping	398'	Trip for Bit No. 7 at 3087'
9/21/83	3,099'	Fishing	12'	
9/22/83	3,135'	Drilling	36'	Twisted off 3099' recovered fish on 1st attempt.
9/23/83	3,325'	Unloading hole	190'	
9/24/83	3,461'	Drilling	136'	Trip for Bit No. 8 at 3376' Drilling with KCl water at 3501'.
9/25/83	3,586'	Drilling	125'	Changed to Air Mist at 3586'.

DAILY WELL HISTORY  
PAGE 2

9/26/83	3,720	Drilling	135'	
9/27/83	3,748'	Reaming	28'	Tripped out to put reamer in bottom hole assembly
9/28/83	3,932'	Drilling	184'	
9/29/83	4,071'	Drilling	139'	Trip for Bit No. 10 at 3950'
9/30/83	4,408'	Drilling	337'	
10/1/83	4,600'	Rigging up to Log	192'	
10/2/83	4,600'	Running 9 5/8" casing	0'	Ran logs with Gearhart, Ran DIL, CNL-FDC-GR to TD. Running 9 5/8" casing to 4600'.
10/3/83	4,600'	Nippling up	0'	Ran 9 5/8" casing to 4600' Cemented with 900 sacks of cement. Nippling up.
25' OF 2 1/16 PARASITE STRING FELL IN HOLE.				
10/4/83	4,600'	Trip out of hole with fishing tools.	0'	Finished nippling up. Trip in with fishing tools.
10/5/83	4,660'	Rigging up to run Directional survey	60'	Recovered fish. Tripped in to dry hole. Drilled 60'. Trip out to run survey.
10/6/83	4,881'	Drilling with foam	221'	Water in hole at 4660'.
10/7/83	5,713'	Drilling	832'	
10/8/83	6,414'	Drilling	701'	
10/9/83	6,513'	Drilling	99'	Trip for Bit No. 12 at 6448'
10/10/83	6,800'	Working pipe. Hole caving.	287'	Air Equipment failed.
10/11/83	6,800'	Washing and Reaming	0'	Mudded up at 6800'.
10/12/83	6,800'	Washing and Reaming	0'	Tripped out with plugged bit. Trip in hole to 5820' wash and ream to 6229', stuck pipe, jarred free. Working pipe at 6229'.

DAILY WELL HISTORY  
PAGE 3

10/13/83	6,800'		0'	Trip out of hole. Ran 420 sack cement plug. Ran free point, could get only to 4159'.
10/14/83	6,800'		0'	Trip in with reversing tool, ran string shot. Hung up at 2513'. Ran string shot and backed off at 4128. Ran in with jars. Jarred on fish. No movement. Trip out. Made up fishing tools with reversing tool.
10/15/83	6,800'	Trip in with reversing tool.	0'	Trip out with reversing tool. Made up new tool. Trip in. Trip out. Recovered 7 joints of drill pipe. Top of fish now 4530'.
10/16/83	6,800'	Trip in with wash pipe	0'	Trip in and out with reversing tool. Recovered 2 joints of drill pipe. Top of fish now 4590'. Going in with washpipe.
10/17/83	6,800'	Trip out with reversing	0'	Tripped in with wash pipe. Washed over to 4649'. Tripped out for new shoe. Tripped in. Could only wash over 2'. Trip in with reversing tool.
10/18/83	6,800'	Waiting on NOWSCO	0'	Trip out with reversing tool. Recovered one joint. Trip in with overshot. Latched on fish. Will run tubing with Dynadrill to clean out drill pipe.
10/19/83	6,800'	Trip out with overshot	0'	Ran NOWSCO. Drilled out cement, 4620-4685. Ran Gearhart free point. Pipe free to 4650'. Ran string shot pipe would not back off. Ran second string shot. Would not back off. Trip out with overshot.

DAILY WELL HISTORY  
PAGE 4

10/20/83	6,800'	Waiting on cement	0'	Trip in with overshot. Ran Gearhart jet cutter. Could not get through sub. Ran string shot. Shot off pipe Recovered 1 joint. Top fish 4650'. Ran GR. Casing shoe at 4595'. Ran cement plug with BJ Cemented 4650'-4265' with 150 sacks of cement.
10/21/83	4,600'	Circulating and mix KCl	0'	Trip in hole, Drilled cement 4271 to 2600 in 10 1/2 hours Circulated and mix KCl water
10/22/83	4,622'	Directional drilling	22'	
10/23/83	4,646'	Trip out of hole	24'	Down hole motor stalled, pulled out to check bit. Run in hole with bit only.
10/24/83	4,646'	Waiting on cement	0'	Bit would not drill off. Ran survey. Trip out. Trip in open ended. Ran 75 sack cement plug. Plug down at 1:45 A.M. Top cement 4400'. Trip out. Waiting on cement.
10/25/83	4,600'	Trip in with directional tools		Trip in hole. Tagged cement at 4500'. Drilled cement to 4600'. Trip out. Made up directional tools, Baker Mud Motor, Diamond Bit, Monel collar, 2 1/2° Bent Sub.
10/26/83	4,630'	Trip out of hole	30'	Trip in. Directional drilled for 17 1/2 hours. Trip out of hole.
10/27/83	4,669'	Trip in hole	39'	Tripped in with rock bit. Directional drilled to 4669'. Trip out. Trip in with reamer and bit to clean out hole.
10/28/83	4,760'	Drilling	91'	
10/29/83	5,227'	Drilling	467'	

DAILY WELL HISTORY  
PAGE 5

10/30/83	5,640'	Drilling	413'	
10/31/83	5,800'	Mixing Mud	160'	Trip for Bit No. 18 at 5800'
11/1/83	6,005'	Drilling	205'	
11/2/83	6,243'	Trip in hole	238'	Trip for hole in pipe at 6243.
11/3/83	6,606'	Drilling	363'	
11/4/83	6,716'	Trip out of hole	110'	Trip for Bit No. 19 at 6716'
11/5/83	6,800'	Drilling	84'	
11/6/83	6,984'	Drilling	184'	
11/7/83	7,054'	Drilling	70'	Lost 250 barrels of mud at 7046'. Trip for Bit No. 20 at 7000'.
11/8/83	7,094'	Logging	40'	
11/9/83	7,184'	Drilling	90'	Wash 70' to bottom.
11/10/83	7,260'	Laying down drillpipe	76'	
11/11/83	7,260'	Waiting on cement	0'	Ran 7 5/8" liner 4600 to 7260.

### GEOLOGIC WELL SUMMARY

The No. 11-26 Brooks-Federal was drilled on a seismic derived structure, some 6 to 8 miles north of the Clear Creek gas field. The Cretaceous Ferron sands were the primary objective. Sample examination and mud gas logging found no indication of hydrocarbon shows in the Ferron sands. Porosity was determined to be poor at best and was confirmed by Density and Sonic logs. Occasional fractures were observed but had no indication of oil or gas. Structurally, the well was on or near the crest of the mapped structure.

The well was intended to be drilled with air to avoid lost circulation problems but excessive inflow of formation water prevented it. The Mesaverde, Upper Mancos and Emery section had to be drilled with mist, stiff foam, and KCl water. After intermediate casing was set, water seepage in the middle Mancos eventually caused collapse of the hole with loss of drill pipe at a depth of 6800 feet. KCl mud was used to redrill the Middle Mancos-Ferron section and the hole was relatively trouble free.

FORMATION TOPS

FORMATION	SAMPLE DEPTH	LOG DEPTH	LOG K.B. DATUM
BLACKHAWK	732	776	.
STAR POINT	1,762	1,714	+7499
MASUK (U. MANCOS)	2,182	2,231	+6982
EMERY	3,122	3,139	+6074
BLUEGATE	4,539	4,581	+4632
FERRON	6,585	-----	-----
FERRON REDRILL	6,586	6,573	+2640
TUNUK	7,210	7,144	+2068

SAMPLE DESCRIPTION

- 314-430 Sandstone, white to medium gray, very fine to fine grained, subangular grains, firm to hard, occasional black grains, well sorted and mostly clean, tight to very poor porosity, no show occasional Shale, medium gray, soft to firm, massive.
- 430-460 Sandstone, white to light gray, very fine to fine grained, subangular grains, clean, calcareous cement, tight, no show.
- 460-550 Shale, medium gray, soft to firm, with occasional beds of Sandstone, as above.
- 550-730 Alternating Sandstone and Shale, as above.

SAMPLE TOP BLACKHAWK MEMBER 732' +8481

- 730-735 Coal, black, vitreous luster.
- 735-940 Sandstone, light gray to white, fine grained, as above with occasional thin beds of Coal.
- 940-1360 Alternating Sandstone and Shale, description as above.
- 1360-1620 Sandstone, white to light gray, very fine to fine grained, subangular grains, occasional black grains, clean, calcareous cement, firm to friable, mostly tight, some very poor porosity, no show with alternating thin beds of Coal, black, vitreous luster, angular; few beds of Shale, medium gray, firm, massive.
- 1620-1695 Sandstone, as above.
- 1695-1705 Coal, black, hard.
- 1705-1720 Sandstone, as above.
- 1720-1745 Coal, black
- 1745-1760 Sandstone, as above.

SAMPLE TOP STAR POINT MEMBER 1762 +7451

- 1760-2180 Sandstone, light to medium gray, subangular grains, abundant black grains, salt and pepper appearance, fair sorting, calcareous cement, friable to firm, poor porosity (less than 10%), no indication of gas, no stain, no fluorescence. Hole started making some water at 2050'.

SAMPLE DESCRIPTION  
PAGE 2

SAMPLE TOP MASUK (UPPER MANCOS) 2182' +7031

2180-2205	Shale, medium to dark gray, silty, carbonaceous, firm, massive.
2205-2210	Sandstone, as above, tight.
2210-2325	Shale, as above.
2325-2335	Sandstone, as above, tight.
2335-2385	Shale and Sandstone, as above.
2385-2470	Shale, as above.
2470-2585	Shale, as above, becoming darker gray in color.
2585-2590	Coal, black, vitreous luster, hard.
2590-2610	Shale, as above.
2610-2615	Coal, as above.
2615-2665	Siltstone, medium gray, firm.
2665-2760	Sandstone, white to light gray, fine grained, rare medium grains, subangular grains, black grains, fair sorting, calcareous, clay cement, firm, tight, no fluorescence or stain, no mud gas.
2760-2805	Siltstone, medium gray, firm, sandy in part.
2805-2845	Sandstone, white to light gray, very fine to fine grained, as above.
2845-2860	Siltstone, as above.
2860-2875	Sandstone, as above.
2875-2900	Siltstone, as above.
2900-2915	Sandstone, as above.
2915-2940	Siltstone, as above.
2940-3125	Shale, medium gray, some dark gray, firm, blocky.

SAMPLE TOP EMERY 3122' +6091

3125-3250	Sandstone, white to light gray, firm to medium grained, sub-
-----------	--

SAMPLE DESCRIPTION  
PAGE 3

- 3125-3250  
Continued angular to angular grains, rock fragments composed of blue gray to light gray clay and shale particles, poor to fair sorting, fair porosity (10-15%), no fluorescence or stain, had 6 units of total mud gas which increased to 15-17 units by 3180'. Connection gas up to 61 units.
- 3250-3335 Sandstone, as above except fine grained and no rock fragments, becoming tight, no show.
- 3335-3345 Shale, dark gray to black, carbonaceous, massive, firm, slightly silty.
- 3345-3385 Sandstone, light gray, very fine to fine grained, sub-angular grains, scattered black grains, good sorting, carbonaceous streaks and masses, calcareous cement, firm to hard, tight, no show, carrying 15 units of background gas.
- 3385-3390 Shale, as above.
- 3390-3400 Sandstone, as above.
- 3400-3405 Shale, as above.
- 3405-3415 Sandstone, as above.
- 3415-3420 Shale, as above.
- 3420-3440 Sandstone, as above.
- 3440-3445 Shale, as above.
- 3445-3490 Sandstone, as above.
- 3490-3650 Sandstone, light gray to light brown, very fine to fine grained, subangular grains, rare black grains, good sorting, occasional carbonaceous streaks, scattered finely crystalline pyrite, hard, tight, no fluorescence or stain, 15 units of background gas.
- 3650-3655 Coal, black, brittle, hard, vitreous luster.
- 3655-3665 Sandstone, as above.
- 3665-3670 Shale, dark gray to black, slightly silty, massive, firm to hard.
- 3670-3700 No sample. Too much foam in sample line.

SAMPLE DESCRIPTIONS

PAGE 4

- 3700-3765 Sandstone, light gray, very fine to fine grained, sub-angular to subrounded grains, scattered black grains, good sorting, some calcareous cement, clay filled, hard, tight, no fluorescence, cut, or stain.
- 3765-3775 Shale, dark gray to black, slightly silty, massive, firm to hard.
- 3775-3790 Sandstone, as above.
- 3790-3805 Coal, black, angular pieces, hard, vitreous luster.
- 3805-3820 Sandstone, as above  
At 3810' had a slight amount of light green oil accumulate on pit. No gas readings or fluorescence, stain or cut in Sandstone.
- 3820-3825 Coal, as above.
- 3825-3830 Sandstone, as above.
- 3830-3835 Coal, as above.
- 3835-3850 Sandstone, as above.
- 3850-3880 No Sample. Line filled with foam.
- 3880-4030 Sandstone, as above.
- 4030-4090 Sandstone, medium gray to black, very fine to fine grained, grades to Siltstone size, mostly subangular, some subrounded grains, considerable amount of carbonaceous material giving the dark coloration, some red iron staining around some of the sand grains, poor sorting, hard, tight, no fluorescence, stain or cut, no mud gas.
- 4090-4240 Sandstone, light to medium gray, very fine to fine grained, subangular grains, some scattered black grains, clean, friable, slightly calcareous, clay filling, firm, tight, no show in sample.
- 4240-4280 Shale, medium gray, massive, soft to firm.
- 4280-4375 Sandstone, as above, no show.
- 4375-4450 Siltstone, medium gray, firm interbedded with Sandstone, medium gray, very fine to very very fine grained, subangular to subrounded grains, firm to hard, dirty, poor sorting, tight, no show.

SAMPLE DESCRIPTIONS  
PAGE 5

- 4450-4600 Siltstone, as above.  
SAMPLE TOP BLUE GATE 4539'  
Ran 9 5/8" casing to 4600'
- 4600-4680 Siltstone, dark gray, sandy, very hard.
- 4680-4735 Sandstone, medium gray, very fine grained, subangular grains few black grains, well sorted, slightly calcareous, silica cement, very hard, appears to be very tight, no fluorescence, stain or cut, no mudgas.
- 4735-4790 Siltstone, dark gray, slightly sandy, very hard, scattered white calcite veinlets, occasional large calcite crystals.
- 4790-4810 Sandstone, as above.
- 4810-5200 Siltstone, dark gray, slightly sandy, very hard, occasional calcite crystals.
- 5200-5950 Shale, dark gray, silty, massive, firm to hard.
- 5950-6585 Shale, black, slightly silty, mostly massive, some fissile, firm to hard. Occasional Bentonite, white to cream, soft.  
SAMPLE TOP FERRON 6585 +2628
- 6585-6620 Sandstone, medium gray, very fine grained, subangular grains, good sorting, calcareous cement, hard, tight, no fluorescence, cut or stain. A trace of coal at the top.
- 6620-6700 Shale, black, slightly silty, massive, firm to hard, slightly carbonaceous. Thin interbeds of Sandstone, as above.
- 6700-6800 Sandstone, white to light gray, very fine grained, subangular to subrounded grains, clean, calcareous cement, hard, tight, no show except from 6780 to 6790 where some chips had a bright yellow fluorescence and streaming cut but no stain. No mud gas noted.  
REDRILLED HOLE
- 4600-4620 Cement.
- 4620-4630 Cement, 20% Siltstone, medium gray and Sandstone; light gray, very fine grained, clean, hard, tight.
- 4630-4640 Cement, 30% Siltstone and Sandstone, as above.

SAMPLE DESCRIPTIONS  
PAGE 6

4640-4646 Cement 35-40% Siltstone and Sandstone.  
2nd REDRILLED HOLE

4600-4610 Cement.

4610-4620 Cement, 30% Siltstone, medium gray, firm.

4620-4630 Cement, 40% Siltstone, as above.

4630-4640 Cement, 50% Sandstone, white to light gray, very fine grained, subangular grains, clean calcareous cement, firm, tight.

4640-4730 Sandstone, light gray, very fine grained, subangular grains, scattered black grains, good sorting, calcareous cement, firm to hard, tight, no show.

4730-4780 Siltstone, light to medium gray, sandy, firm to hard.

4780-4830 Sandstone, as above.

4830-4850 No Sample.

4850-4860 Sandstone, as above.

4860-5000 Siltstone, light to medium gray, sandy, firm to hard, white clay particles, poor samples, much cavings.

5000-5150 Shale, dark gray, silty, firm, poor samples.

5150-5240 Siltstone, light to medium gray, sandy, firm to hard, poor samples.

5240-5270 Shale, dark gray, silty, firm, poor samples.

5270-5280 Siltstone, as above.

5280-5400 Shale, dark gray, silty, soft to firm, massive occasional white calcite crystals.

5400-5550 Shale, as above varying amounts of cement up to 50%.

5550-5950 Shale, dark gray, silty, firm, massive occasional Calcite crystals.

5950-6230 Shale, dark gray to black, silty, soft to firm, massive.

6230-6260 Shale, as above with abundant light gray soft Bentonite.

SAMPLE DESCRIPTIONS  
PAGE 7

- 6260-6580 Shale, dark gray to black, silty, firm, slightly calcareous, massive.
- 6580-6585 Coal, black, angular, hard, shiny luster, 18 units mud gas.
- SAMPLE TOP FERRON 6586' +2626
- 6585-6615 Sandstone, light to medium gray, very fine grained, sub-angular grains, good sorting, few black grains, calcareous cement, firm, no visible porosity, no fluorescence, stain or cut, no mud gas.
- 6615-6625 Shale, medium gray, blue gray, firm, massive.
- 6625-6630 Sandstone, as above.
- 6630-6640 Shale, as above.
- 6640-6650 Sandstone, as above.
- 6650-6680 Shale, as above.
- 6680-6700 No samples
- 6700-6710 Sandstone, as above, tight, no show.
- 6710-6720 Siltstone, dark gray, firm.
- 6720-6745 Sandstone, white, very fine grained, subangular to sub-rounded grains, good sorting, calcareous cement, firm to hard, no visible porosity, no stain, fluorescence, or cut, no mud gas.
- 6745-6755 Siltstone, dark gray, firm.
- 6755-6795 Sandstone, white, very fine to fine grained, 6780-6795 is fine to medium grained, subangular grains, fair to good sorting, calcareous cement, firm to hard, tight, no stain, fluorescence, or cut, no mud gas.
- 6795-6810 Siltstone, medium to dark gray, firm.
- 6810-6825 Sandstone, white, fine to medium grained, subangular grains, blue gray rock fragments (clay?), fair sorting, calcareous cement, firm, no apparent porosity, no stain, fluorescence, or cut, no mud gas.
- 6825-6850 Siltstone, medium to dark gray, firm.
- 6850-6855 Sandstone, white, fine grained, subangular grains, good

SAMPLE DESCRIPTION  
PAGE 8

6850-6855 continued	sorting, clean, calcareous cement, firm, tight, no fluorescence, stain or cut, no mud gas.
6855-6885	Siltstone, medium to dark gray, firm.
6885-6895	Sandstone, as above, tight, no show.
6895-6905	Siltstone, as above.
6905-6940	Sandstone, white, fine to medium grained, subangular grains, subangular to subrounded grains, fair sorting, calcareous cement, friable, mostly loose quartz grains, porosity could not be estimated but drilling time indicates some porosity, no fluorescence, stain or cut, no mud gas. 5 foot bed of Siltstone 6920-25.
6940-6950	Siltstone, as above.
6950-6980	Sandstone, as above, no show.
6980-7000	Siltstone, mostly dark gray, some medium gray, firm.
7000-7040	No samples. Shale shaker bypassed due to lost circulation.
7040-7120	Sandstone, white, very fine to fine grained, subangular grains, mostly loose grains, friable?, porosity could not be determined, no fluorescence, stain or cut, no mud gas.
7120-7210	Siltstone, dark gray, occasionally sandy, firm to hard.
7210-7260	Shale, dark gray to black, silty to clean, hard, massive.
7260	DRILLER TOTAL DEPTH

BIT RECORD

NUMBER	MAKE	SIZE	TYPE	DEPTH OUT	FOOTAGE	HOURS
1	Smith	17 1/2	DGJ	169	109	13
2	Hughes	17 1/2	OSCIG	314	145	14
3	Grant	26"	Hole Opener	221	161	24
4	Grant	26"		314	93	11 1/2
5	Hughes	14 3/4	J-22	2,510	2,196	90 1/2
6	Smith	12 1/4	F-3	3,087	577	30
7	Hughes	12 1/4	J-22	3,376	289	34
8	Smith	12 1/4	F-3	3,748	372	56 1/2
9	Hughes	12 1/4	J-33	3,950	202	22 1/2
10	Hughes	12 1/4	J-55	4,600	650	48 1/2
11	Hughes	8 3/4	J-33H	6,448	1,858	45 1/2
12	Hughes	8 3/4	J-33H	6,800	352	8 1/2
13	Smith	8 3/4	F-3RR	4,600	329	10 1/2
14	Smith	8 3/4	F-2	4,646	46	34 1/2
12RR	Hughes	8 3/4	RRJ-33	4,646	0	1
15	Security	8 3/4	M4NJ	4,600	100	3
16	ACC	8 3/4	Diamond	4,630	30	17 1/2
17	Security	8 3/4	M44N	4,669	39	10
13RR	Smith	8 3/4	F3	5,800	1,131	62 1/4
18	Hughes	8 3/4	J33H	6,716	916	56 1/4
19	Hughes	8 3/4	J44	7,000	284	33
20	Smith	8 3/4	F5	7,260	260	25 3/4

DEVIATION SURVEYS

NUMBER	DEPTH	DEVIATION	KIND
1	169	1/2°	Dropped
2	312	3/4°	Wireline
3	805	1°	Wireline
4	1,302	1 3/4°	Wireline
5	1,800	4"	Wireline
6	2,076	5°	Wireline
7	2,350	6 1/2°	Wireline
8	2,650	6 1/2°	Wireline
9	2,964	7 1/4°	Wireline
10	3,376	7 1/4°	Wireline
11	3,742	7°	Dropped
12	3,905	6°	Wireline
13	3,975	6°	Wireline
14	4,067	7 1/2°	Wireline
15	4,129	7°	Wireline
16	4,345	6 3/4°	Wireline
17	4,567	7 3/4°	Wireline
18	4,716	6 1/4°	Wireline
19	4,964	5 3/4°	Wireline
20	5,225	6°	Wireline
21	5,690	4 1/4°	Wireline
22	6,369	5°	Wireline
23	4,621	6° S2°W	Wireline 1st side track
24	4,631	6 1/4° S20°W	Wireline 2nd side track

DEVIATION SURVEYS  
PAGE 2

25	4,827	5 1/2°	Wireline
26	5,270	6 1/2°	Wireline
27	5,800	4°	Wireline
28	6,251	2°	Wireline
29	6,955	1°	Wireline

MUD RECORD

DATE	DEPTH	WT.	VIS.	pH	WATER LOSS	FILTER CAKE	CUMULATIVE COSTS	REMARKS
9/9/83	105	8.3	28					Drilling with water
9/10/83	258	8.7	29	7.0	NC		\$ 1,325	Mudded up
9/11/83	175	8.8	33	9.0	16.8	2/32	\$ 2,592	
9/12/83	314	8.9	47	8.5	13.6	2/32	\$ 4,067	
9/13/83								Drilling W/air
9/14/83	365							
9/15/83							\$ 4,862	
10/10/83	6,800	8.4	38	9.5	10.0	1/32	\$ 42,480	Mud up @ 6800
10/11/83	6,800	8.5	39	9.0	12.0	1/32	\$ 45,164	
10/12/83	6,800	8.5	46	9.5	11.2	2/32	\$ 52,861	
10/21/83	4,600	8.5	27	12.0			\$ 60,221	Drilling with KCl water
10/22/83	4,619	8.8	27	11.0			\$ 62,680	" "
10/23/83	4,645	8.8	26	10.0			\$ 63,588	" "
10/24/83	4,646	8.8	27	10.0			\$ 64,515	" "
10/25/83	4,600	8.8	26	11.0			\$ 65,999	" "
10/26/83	4,630	8.8	27	10.5			\$ 67,425	" "
10/27/83	4,669	8.7	26	10.0			\$ 68,280	" "
10/28/83	4,750	8.7	26	10.5			\$ 69,235	" "
10/29/83	5,200	8.9	26	10.0			\$ 72,875	" "
10/30/83	5,620	9.1	28	7.0			\$ 74,062	Mudded up @ 5800.
10/31/83	5,800	8.6	33-36	9.0			\$ 75,784	Mudded up @ 5800.
11/1/83	5,982	8.9	35	8.5	50+	3/32	\$ 81,439	

MUD RECORD  
CONTINUED

11/2/83	6,243	8.9	34	7.2	50+	4/32	\$ 83,726
11/3/83	6,592	9.3	35	7.0	NC	4/32	\$ 87,163
11/4/83	6,716	9.3	34	8.0	15.2	2/32	\$ 91,061
11/5/83	6,787	9.2	33	8.5	26.0	2/32	\$ 93,795
11/6/83	6,978	9.2	36	8.0	56	3/32	\$ 97,277
11/7/83	7,039	9.3	38	8.0	16.8	2/32	\$103,257
11/8/83	7,094	9.2	43	8.0	16.8	2/32	\$108,171
11/9/83	7,177	9.0	35	7.0	50+	3/32	\$111,045

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brooks Federal

9. WELL NO.

11-26

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 26, T12S, R6E

12. COUNTY OR PARISH

Carbon

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER Completion of Well **RECEIVED**

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, Wyoming 82602

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

1472' FSL & 1652' FWL

DIVISION OF OIL  
GAS & MINING

14. PERMIT NO.  
43-007-30086

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
9191' GL, 9213' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other) Please See Below

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

We propose to perforate, test, possibly stimulate and abandon if uneconomic (per BLM & guidelines) various zones in the above captioned well as follows:

- 1) 7020-7080' KB
- 2) 6900-6960' KB
- 3) 6770-6818' KB
- 4) 6574-6610' KB

STATE  
OF  
UTAH

Verbal permission to proceed with the above work was given to Walt West, Marathon Oil Company by Bob Graff, BLM, District Petroleum Engineer, Moab.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7/25/84  
BY: [Signature]

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

SIGNED [Signature]

TITLE District Operations Manager

DATE July 25, 1984

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

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  
HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR  
6060 S. Willow Drive, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1472' FSL & 1652' FWL, NE $\frac{1}{4}$  SW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

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

5. LEASE  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Brooks Canyon

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
11-26 Brooks Federal

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

14. API NO.  
43-007-30086

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9191' GR

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF                      

FRACTURE TREAT                                      

SHOOT OR ACIDIZE                                      

REPAIR WELL    

PULL OR ALTER CASING                                      

MULTIPLE COMPLETE                                      

CHANGE ZONES    

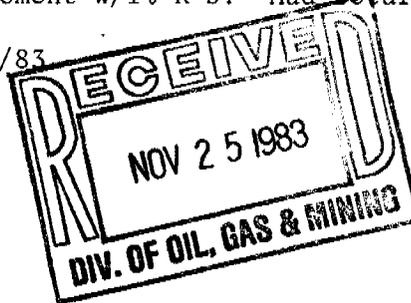
ABANDON\*    

(other) Ran Production Liner

(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.)\*

Ran 72 jts 5-1/2", 15.5#, K-55, LT&C liner casing: 4205' to 7260'  
Cmt'd w/575 sx Class "H" foamed cement w/1% R-5. Had returns during job.  
Cement in place @ 3:00 p.m. 11/13/83



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

18. I hereby certify that the foregoing is true and correct  
SIGNED Vera Chandler TITLE Assoc. Environmental Analyst DATE November 21, 1983  
Vera Chandler 303/850-1462

(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  
HUSKY OIL COMPANY

3. ADDRESS OF OPERATOR  
6060 S. Willow Drive, Englewood, CO 80111

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1472' FSL & 1652' FWL, NE $\frac{1}{4}$  SW $\frac{1}{4}$   
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

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

5. LEASE  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Brooks Canyon

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
11-26 Brooks Federal

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

14. API NO.  
43-007-30086

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
9191' GR

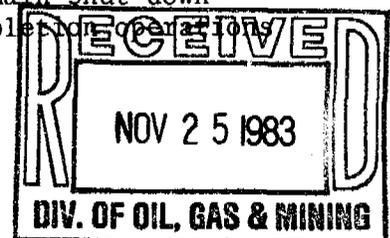
REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Well Shut Down for Winter</u>			

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

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

Unable to continue operations due to weather and snowfall.  
Well was shut down for winter on November 21, 1983. Forest Service closed access road. Well is secured, all valves shut, tubing capped.

Husky Oil Company requests permission for well to remain shut down until June, 1984. Present plans are to continue completion operations at that time.



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

18. I hereby certify that the foregoing is true and correct  
SIGNED Vera Chandler TITLE Assoc. Environmental Analyst DATE November 22, 1983  
Vera Chandler 303/850-1462

(This space for Federal or State office use)

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

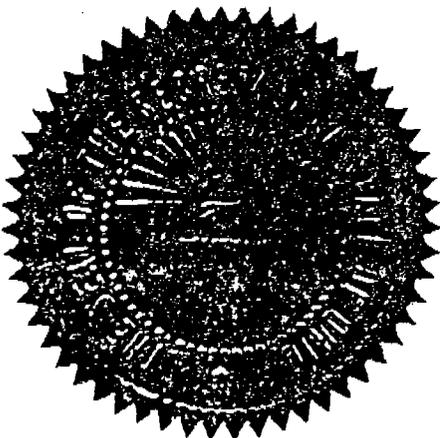
UNITED STATES OF AMERICA,  
STATE OF OHIO,  
OFFICE OF THE SECRETARY OF STATE.

I, Sherrod Brown  
do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign corporations; that said records show Certificate of AGREEMENT OF MERGER of HUSKY OIL COMPANY, an unqualified Delaware corporation, merging into: MARATHON OIL COMPANY, survivor of said merger, an Ohio corporation, Charter No. 584981, having its principal location in Findlay, County of Hancock, was incorporated on November 18th, 1981 and said merger was filed on June 1st, 1984, recorded on roll number F464 frame 0682 of the Records of Incorporations. Said surviving corporation, MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, having its principal location in Findlay, County of Hancock, was incorporated on November 18th, 1981 and is currently in GOOD STANDING upon the records of this office.

WITNESS my hand and official  
seal at Columbus, Ohio, this  
11th day of June,  
A. D. 1984.

*Sherrod Brown*

-----  
Sherrod Brown  
Secretary of State





P.O. Box 2659  
Casper, Wyoming 82602  
Telephone 307/577-1555

RECEIVED

JUL 3 1984

DIVISION OF OIL  
GAS & MINING

June 13, 1984

State of Utah  
Natural Resources & Energy  
Oil, Gas, & Mining  
Attention: Ronald J. Firth  
Chief Petroleum Engineer  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Merger of Husky Oil Company into Marathon Oil Company

Dear Sir:

We hereby notify you that pursuant to an agreement between Marathon Oil Company, and Ohio corporation ("Marathon") and Husky Oil Ltd., a corporation organized under the laws of Canada (which was the parent company of Husky Oil Company, a Delaware corporation), Marathon acquired all of the capital stock of Husky Oil Company on May 31, 1984. Effective June 1, 1984, Husky Oil Company merged into Marathon, Marathon being the surviving corporation in the merger; and, by operation of law, Marathon has succeeded to all of the assets and property and right, privileges, power, authority, and has assumed all obligations and liabilities of Husky Oil Company, which existed on the date of the merger.

The above notification and request is not intended to affect any permit or permit application that may be associated with any of Husky Oil Company's marketing or refining operations, and pertains only to wells that were operated by Husky.

Marathon's principal office is 539 South Main Street, Findlay, Ohio 45840, and the properties and permits acquired from Husky Oil Company will be operated from Marathon's Casper District Office at 800 Werner Ct., mailing address, P.O. Box 2659, Casper, WY 82602, Phone:307-577-1555. Attached are copies of the wells affected by this merger shown on Utah State Form OGC-1b as requested by your office.

Thank you for your time on this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Doyle L. Jones'.

Doyle L. Jones  
District Operations Manager

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions  
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.)

1.  OIL WELL  GAS WELL  OTHER Completion of Well **RECEIVED**

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1472' FSL & 1652' FWL

14. PERMIT NO.  
43-007-30086

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
9191' GL, 9213' KB

5. LEASE DESIGNATION AND SERIAL NO.  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Brooks Federal

9. WELL NO.  
11-26

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Other) Please See Below

(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.)

We propose to perforate, test, possibly stimulate and abandon if uneconomic (per BLM & guidelines) various zones in the above captioned well as follows:

- 1) 7020-7080' KB
- 2) 6900-6960' KB
- 3) 6770-6818' KB
- 4) 6574-6610' KB

STATE  
OF  
UTAH

Verbal permission to proceed with the above work was given to Walt West, Marathon Oil Company by Bob Graff, BLM, District Petroleum Engineer, Moab.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7/25/84  
BY: [Signature]

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

SIGNED [Signature] TITLE District Operations Manager DATE July 25, 1984

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

July 31, 1984

Husky Oil Company  
c/o Marathon Oil Company  
P.O. Box 2659  
Casper, Wyoming 82602

Gentlemen:

SUBJECT: Well No. Brooks Federal 11-26, Sec. 26, T. 12S., R. 6E.,  
Carbon County, Utah: API #43-007-30086.

The subject well has been under an operations suspended status for six months or longer. Please inform this office of the current status of this well location or what operations are currently being performed on this well. Enclosed please find Form OGC-1b, "Sundry Notices and Reports on Wells", that you may use to inform our office of the matter requested.

Your prompt attention to this matter will be greatly appreciated.

Sincerely,

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

Claudia L. Jones  
Well Records Specialist

clj

Enclosure

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on  
reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
1472' FSL & 1652' FWL

14. PERMIT NO.  
43-007-30056

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
9191' GL, 9213' KB

RECEIVED

NOV 13 1984

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Brook Federal

9. WELL NO.  
11-26

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Please See Attachment

PLUG OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

1. Cement Retainer at 4000'
2. 50 sk cement plug from 4100' to 4300' balanced plug across liner top
3. Cement retainer at 6544' with 10 sx G on retainer
4. Perfs from \*6576'-6612' (4JSPF) squeezed with 90 sks of cement (G)
5. Cement retainer at 6,625'
6. Perfs from \*\*6635'-6753' squeezed with 75 sks of cement (H)
7. 6,670'-Cement retainer
8. Perfs from 6770'-6788' (4JSPF) squeezed with 55 sks of cement (G)
9. Cement Retainer at 6,745'
10. Perfs from 6,802' to 6,810' (4JSPF) squeezed with 50 sks (G) of Cement
11. Cement retainer at 6,855'
12. Perfs from 6900-6900' (4JSPF) squeezed with 20 sks of cement (H)
13. Cement Retainer at 7,008'
14. Perfs from 7,020'-7,080' squeezed with 100 sks of cement (H)

Squeeze Perfs: 6765', 2JSPF squeezed with 40 sx G  
6638', 2JSPF squeezed with 40 sx G  
6560', 2JSPF press. to 2100 psi-no squeeze

\* 6576'-83', 6598-601', 6605-12'

\*\* 6635-37', 6642-44', 6651-55', 6658-60', 6677-79', 6680-84'

(See Attachment)

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

SIGNED Deyle L. Jones by PWH

TITLE District Operations Manager

DATE October 25, 1984

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

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

\*See Instructions on Reverse Side

DATE: 11/20/84  
BY: John R. Berg

Federal approval of this action  
is required before commencing  
operations.

RECEIVED

NOV 05 1984

WYOMING OIL & GAS  
CONSERVATION COMMISSION

\*\* (Con'd) 6691-93', 6695-97', 6707-10', 6713-36', 6743-45', 6747-53'

Stimulation: 6802-10' 19 bbls. Dowell NARS 201  
6576-6612' 1700 gals, Dowell NARS 201

Procedure was discussed between Mr. Bob Graff, BLM Moab, Utah and Mr. Gary Newberry, Drilling Superintendent, Marathon Oil Company.

The well was temporarily abandoned so the exploration group could have time to evaluate the potential of the area. They feel there could be substantial reservoir damage restricting the flow of hydrocarbons into the wellbore and would like to be able to directionally drill to a different section of the reservoir from the 9-5/8" casing in this wellbore. If a well is not drilled during 1985, the location will be rehabbed during Fall 1985.



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

Marathon Oil Company  
P.O. Box 2659  
Casper, Wyoming 82602

Gentlemen:

Re: Well No. Brooks Canyon Fed. 11-26 - Sec. 26, T. 12S., R. 6E.  
Carbon County, Utah - API #43-007-30086

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

Please complete the enclosed Forms OGC-3 and OGC-1b and forward them to this office as soon as possible, but not later than February 4, 1985.

It is also necessary to file a copy of all electric logs run on the above referred to well at this time.

Your prompt attention to the above matters will be greatly appreciated.

Sincerely,

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

Claudia L. Jones  
Well Records Specialist

Enclosures(2)  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0051S/5

UNITED STATES

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION

Sec. 26

T. 12S

R. 6E

SLB& Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date January 14, 1985

API  
Ref. No. 43-007-30086

Land office Utah State Utah

Serial No. 21514 County Carbon

Lessee Cities Services Co. Field Wildcat

Operator Marathon Oil Co. District Moab

Well No. Brooks Federal 11-26 Subdivision NE SW

Location 1472' FSL & 1652' FWL

Drilling approved July 8, 1983 Well elevation 9191' GR feet

Drilling commenced September 9, 1983 Total depth 7260' KB 4000' KB feet

Drilling ceased November 10, 1983 Initial production \_\_\_\_\_

Completed for production Oct. 15, 1984 Gravity A. P. I. \_\_\_\_\_

SRA Abandonment approved Sept. 29, 1989 Initial R. P. \_\_\_\_\_

Geologic Formations FAN Approved 3/5/92 Productive Horizons

Surface Precambrian Lowest tested Tunuk Name  Depths  Contents

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1983									SPUD 9/9/83			
1984											T&A 11/20/84	
1985						<u>3/12/85</u> <u>APPROVED</u>			SRA RES'D 8/12/85			
1989									SRA Approved 9/29/89			
1992												

REMARKS Geologic markers: Blackhawk- 776' Bluegate- 4581'  
Star Point- 1714' Ferron- 6572'  
Masuk- 2231' Ferron Redrill- 6573'  
Emery- 3139' Tunuk- 7144'  
Casing record: 16# @ 314' w/1205sx-surface  
9 5/8" @ 4594' w/900sx

EWR 4-922

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Brooks Federal

9. WELL NO.  
11-26

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 26, T12S, R6E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other  
b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

RECEIVED  
JAN 25 1985

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)  
At surface 1,472' FSL, 1,652' FWL  
At top prod. interval reported below Formerly operated by Husky Oil Company  
At total depth

14. PERMIT NO. 43-007-30086  
DATE ISSUED 12-30-82

15. DATE SPUNDED 9-9-83  
16. DATE T.D. REACHED 11/10/83  
17. DATE COMPL. (Ready to prod.) 10-15-84  
18. ELEVATIONS (DF, RKB, BT, GR, ETC.)\* 9,213' K.B.  
19. ELEV. CASINGHEAD 9,191' G.L.

20. TOTAL DEPTH, MD & TVD 7,260' K.B.  
21. PLUG. BACK T.D., MD & TVD 4,000' K.B.  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
ROTARY TOOLS 0 - 7,260'  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None - temporarily abandoned  
25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR-DIL, GR-DE-CNL, GR-CCL-CBL, BHC Sonic, FED OLL, Example  
27. WAS WELL CORRED.  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	314'	17 1/4"	1,205' sacks to surface	None
9 5/8"	36# & 40#	4,595'	14 3/4"	900 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2"	4,201'	7,256'	575	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 1/16"	2,513'	

Parasite String Inside 9 5/8" Casing

31. PERFORATION RECORD (Interval, size, and number)

6,900'-7,080' w/3 JSPF, 180 shots total
6,763'-6,810' w/4 JSPF, 70 shots total
6,653'-6,753' w/4 JSPF, 160 shots total
6,560'-6,612' w/4 JSPF, 35 shots total

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6,900'-7,080'	10,000 gals 10% HCl acid
6,802'-6,810'	600 gals NARS 201
6,576'-6,612'	1,700 gals NARS 201

33.\* No completed intervals  
DATE FIRST PRODUCTION: Temporarily Abandoned  
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  
WELL STATUS (Producing or shut-in)  
Temporarily Abandoned

DATE OF TEST	HOURS TESTED	CHOKED 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.)  
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 Doyle Jones by JRC TITLE District Operations Manager DATE January 17, 1985

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedure 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 additional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 1:** 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 PRESSURE, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

BOTTOM

TOP

FORMATION

Blackhawk	776'
Star Point	1,714'
Masuk	2,231'
Emery	3,139'
Bluegate	4,581'
Ferron	6,572'
Ferron Redrill	6,573'
Tunuk	7,144'

No DST's  
No Cores

**38.**

**GEOLOGIC MARKERS**

NAME

TOP

MEAS. DEPTH

TRUE VERT. DEPTH

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

5. LEASE DESIGNATION AND SERIAL NO.

Fed. U-21514

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

----

7. UNIT AGREEMENT NAME

----

8. FARM OR LEASE NAME

Brooks Federal

9. WELL NO.

11-26

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 26, T12S, R6E

12. COUNTY OR PARISH

Carbon

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER  Permanently Abandoned

2. NAME OF OPERATOR  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 2659, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
NE SW 1472' FSL & 1652' FWL  
Formerly operated by Husky Oil Company

14. PERMIT NO.  
43-007-30086

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
9191' GL, 9213' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

The well was plugged and abandoned and a dry hole marker was set on July 22, 1985. The site was reclaimed to Forest Service specifications. The access road was reshaped where needed, the burn areas associated with the burning of wood piles were reseeded, and surveying stakes and garbage were removed from the surrounding areas and approved by the Forest Service. The reseeded well site was fenced and the fence will remain until vegetation growth is established.

Please refer to the attached well bore diagram for the exact placements of the cement plugs.

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

DATE: 8/29/85  
BY: [Signature]

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

SIGNED

[Signature]

TITLE District Production Manager DATE August 12, 1985

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

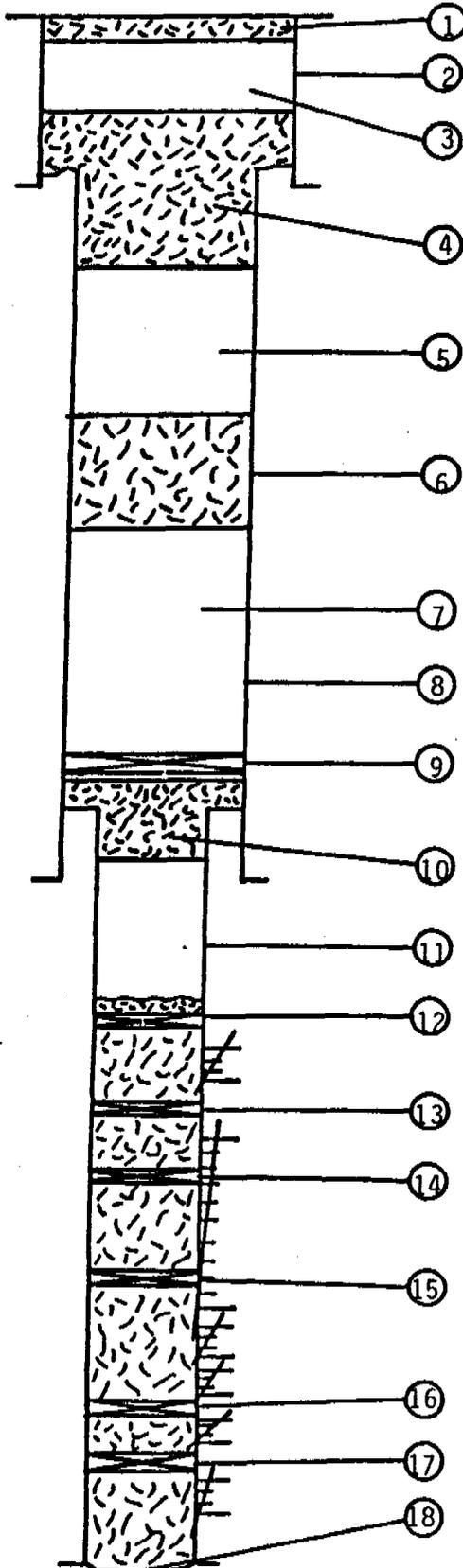
Brooks Federal #11-26  
 Sec. 26, T12S, R6E  
 Carbon County, Utah  
 ALL MEASUREMENTS KB

9213' KB  
 9191' GL

RECEIVED

AUG 16 1985

DIVISION OF OIL  
 GAS & MINING



DESCRIPTION

- (1) 50' cement plug set at surface
- (2) 16" 65#, H-40 Csg. set at 314'
- (3) Heavy Weight Mud
- (4) 300' Cement plug from 164' to 464'
- (5) Heavy Weight Mud
- (6) 200' Cement plug set at approximately 2000'
- (7) Heavy Weight Mud
- (8) 9-5/8" casing set at 4595'. The top portion removed at freepoint location
- (9) Cement retainer at 4000'
- (10) Cement plug from 4100' to 4300'
- (11) 5-1/2" liner from 4201' to 7256'
- (12) Cement retainer at 6544' with 10 sx of cement on top
- (13) Cement retainer at 6625'
- (14) Cement retainer at 6670'
- (15) Cement retainer at 6745'
- (16) Cement retainer at 6855'
- (17) Cement retainer at 7008'
- (18) TD 7260'

INSPECTOR: ML            DATE ASSIGNED: 890117            DEADLINE: 890517  
                          DATE COMPLETE: 920318

OPERATOR : N3490 : MARATHON OIL COMPANY            LEASE: U-21514  
WELL NAME: BROOKS FEDERAL #11-26                 API : 43-007-30086  
S: 26 T: 12.0 S R: 6.0 E  
COUNTY: CARBON                                    FIELD: 001 : WILDCAT

ACTION TYPE: FOLLOW-UP---

ACTION REQUIRED:  
~~THIS-WELL-HAS-BEEN-PLUGGED-AND-ABANDONED-BLM-FAN-RECEIVED-3/18/92~~-----  
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ACTION TAKEN:  
NFIN-----  
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PF KEYS: (1) NO UPDT      (9) WELL DATA      (12) DELETE      (16) EXIT