

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

30-039-31523

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  
 Brooks Hall Oil Corp.

3. ADDRESS OF OPERATOR  
 P. O. Box 234, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1820' FNL - 1740' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 30 miles southwest of Dulce, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 820'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL 160-163.30

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

19. PROPOSED DEPTH 4200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7308' GR

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 Contract #119

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Jicarilla

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Tapacito P.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 5, T26N, R4W

12. COUNTY OR PARISH  
 Rio Arriba

13. STATE  
 NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	150'	125 sx
6-3/4"	4-1/2"	10.5#	4200'	450 cu. ft.

Drill well with mud to test Pictured Cliffs formation. Set 4-1/2" casing thru Pictured Cliffs formation, selectively perforate, sand-water frac, clean out after frac, run 1-1/4" tubing and complete well.

Will use non-flanged well heads w/2000 psi WP, hydraulic BOP furnished by drilling contractor while drilling, and manual double gate BOP on completion.

NMERB Requirement: Gas is dedicated to Northwest Pipeline.

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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.

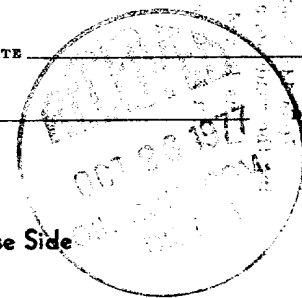
24. SIGNED Jim L. Jacobs TITLE Agent DATE 10-24-77  
 (This space for Federal or State office use)

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

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

*Clack*

*State*  
 \*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

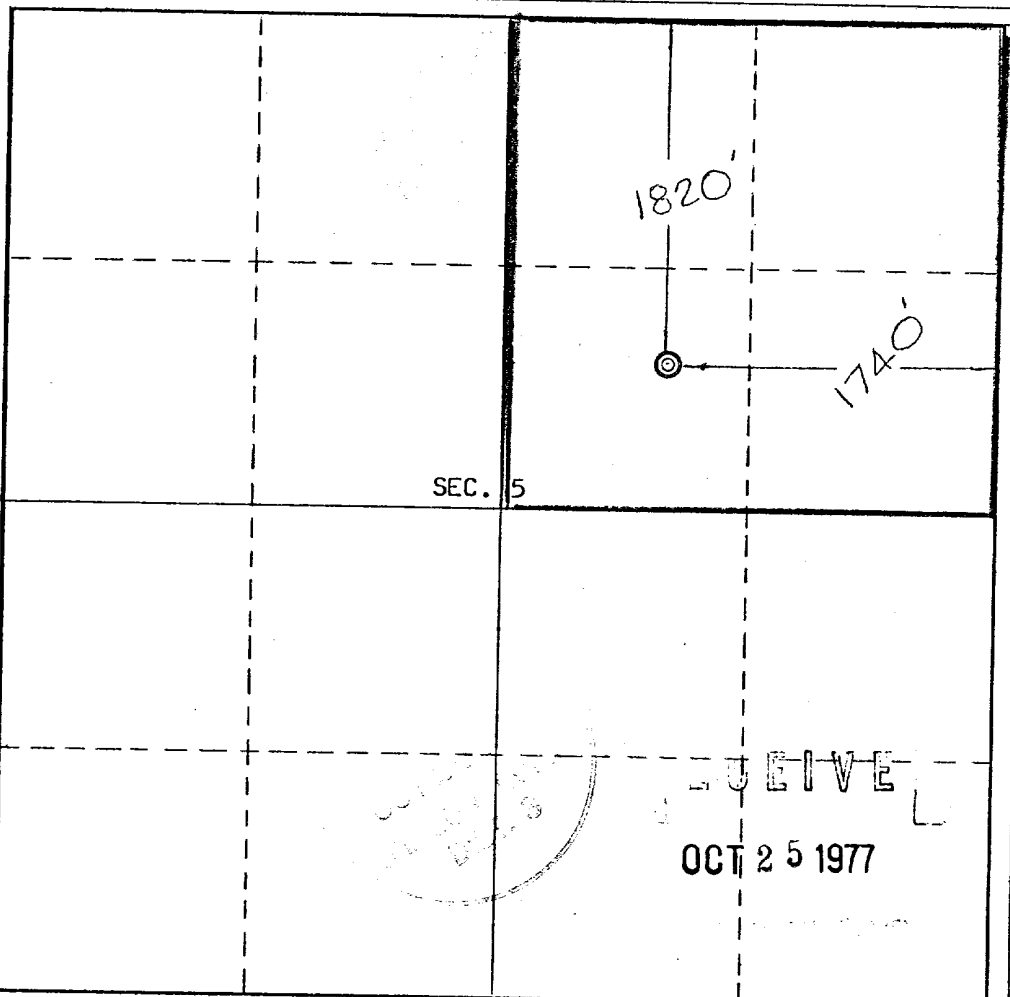
Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Brooks Hall Oil Corp.</b>			Lease <b>Jicarilla</b>			Well No. <b>1</b>		
Unit Letter <b>6</b>	Section <b>5</b>	Township <b>26 North</b>	Range <b>4 West</b>	County <b>Rio Arriba</b>				
Actual Footage Location of Well:								
<b>1820</b> feet from the <b>North</b> line and			<b>1740</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7308</b>	Producing Formation <b>Pictured Cliffs</b>		Pool <b>Tapacito P.C.</b>	Dedicated Acreage: <b>163.30 160</b> Acres				

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  
 Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
*Jim L. Jacobs*  
**Jim L. Jacobs**

Position  
**Agent**

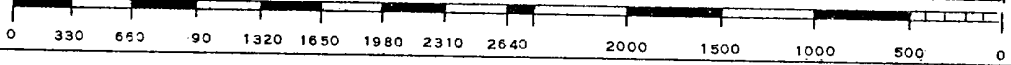
Company  
**Brooks Hall Oil Corp.**

Date  
**10-24-77**

Date Surveyed  
**October 15, 1977**

Registered Professional Engineer  
and/or Land Surveyor  
*E.V. Echohawk*

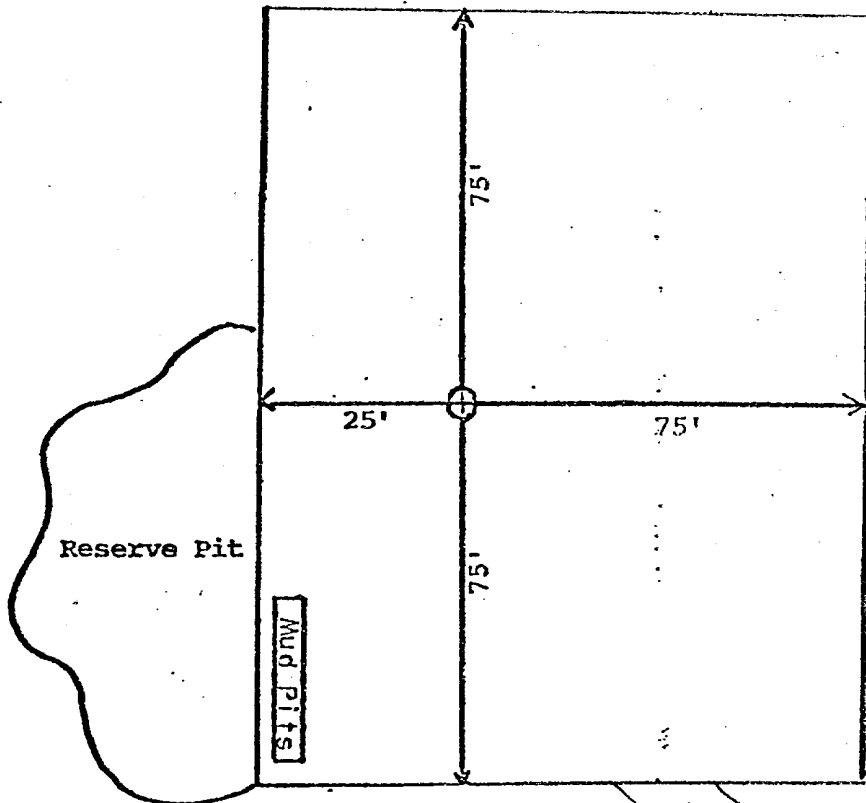
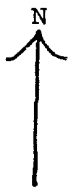
Certificate No. **3602**  
**E.V. Echohawk LS**



Brooks Hall Oil Corp.

Jicarilla #1

Proposed Location Layout



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DEVELOPMENT PLAN

Brooks Hall Corp.

Jicarilla #1

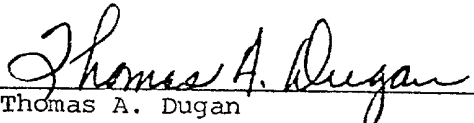
1. Existing roads are shown on attached plat.
2. Planned access from existing road approximately 300' to new location. Will leave natural grass and small vegetation on roadway. Will remove large brush or trees from road. Do not plan to make road grade or bar ditches. Will bottom-out any arroyo we cross and not install culverts.
3. Location of well: 1820' FNL - 1740' FEL  
Sec. 5, T26N, R4W  
Rio Arriba County, NM
4. \_\_\_\_\_ additional well(s) planned on this lease at this time.
5. Separator and flow line will be located within 50' of wellhead.
6. Water will be secured from Tapacito Wash.
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned; trailer house will be used on location while drilling.
9. Do not plan to build airstrip.
10. See attached plat for proposed location layout.
11. Will clean up location, fill and level pits, level ruts in road, reseed location and road with Seed Mixture #2 and paint equipment with green.
12. Operator's Representative:  
Thomas A. Dugan  
Box 234  
Farmington, New Mexico 87401
13. Certification: The following statement must be signed by the lessee's or operator's field representative who is identified in Item #12 of the Plan:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this Plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by \_\_\_\_\_

Brooks Hall Oil Corp.

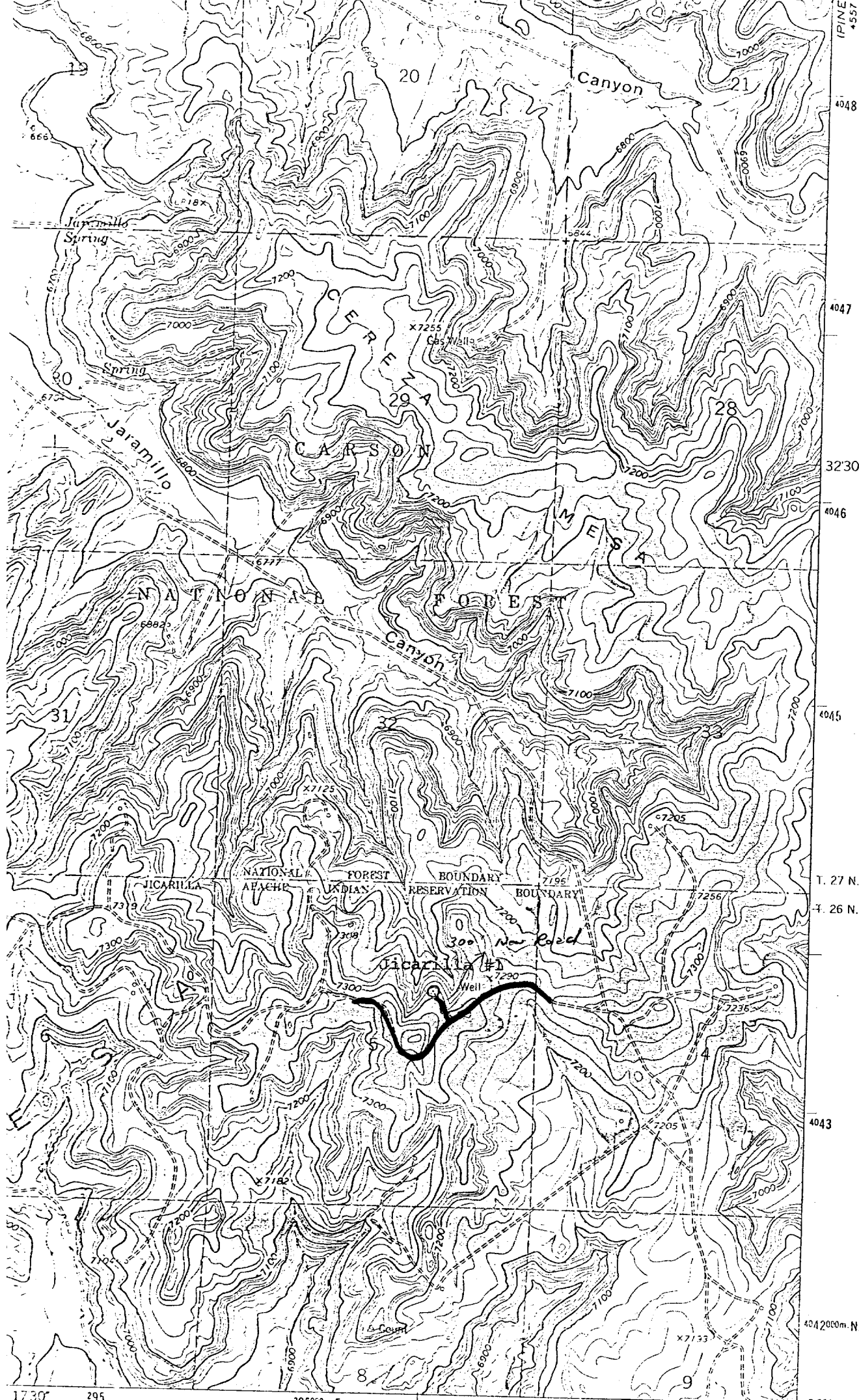
and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Date: 10-24-77

  
Thomas A. Dugan  
Professional Petroleum Engineer

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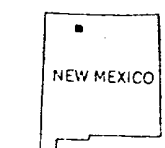
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R 4 W

ROAD CLASSIFICATION

Light duty Unimproved dirt



QUADRANGLE LOCATION

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SCHMITZ  
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