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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

API # 30-049-20022

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Ferrill	
2. Name of Operator Black Oil, Inc.		9. Well No. Hazel No. 1	
3. Address of Operator P.O. Box 537, Farmington, New Mexico 87499		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER H LOCATED 2310 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE OF SEC. 1 TWP. 13N RGE. 8E NMPM		12. County Santa Fe	
19. Proposed Depth 5200		19A. Formation Dakota	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 5884 GR	
21A. Kind & Status Plug. Bond Blanket Active		21B. Drilling Contractor Bayless or James	
22. Approx. Date Work will start July 15, 1984			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	10-3/4"		400'	300 to Surface	Surface
8-1/2"	7-5/8"		3750'	400 to Surface	Surface
6-1/4"	4-1/2"		5200'	300 sx	3400'

We intend to drill a 12" hole to 400'. We will set 10-3/4" surface casing and drill a 8-1/2" mud drilled hole to 3750' where we will set intermediate 7-5/8" casing. We will then drill a 6-1/4" hole to the Dakota with air. If warranted, we will run 1800' of 4-1/2" liner as a production string.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 9-3-84
UNLESS DRILLING UNDERWAY

OIL CONSERVATION COMMISSION TO BE NOTIFIED WITHIN 24 HOURS OF BEGINNING OPERATIONS

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Samuel G. Blaser Title President, Black Oil, Inc. Date May 26, 1984

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE 6-5-84
CONDITIONS OF APPROVAL, IF ANY:

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

Operator: BLACK OIL COMPANY			Lease CASH-FERRILL			Well No. 1		
Unit Letter H	Section 1	Township 13N	Range 8E	County Santa Fe				
Actual Footage Location of Well: 2310 feet from the North line and 990 feet from the East line								
Ground Level Elev: 5884	Producing Formation			Pool			Dedicated Acreage: 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.

		2310'
		990'

Scale: 1"=1000'

CERTIFICATION

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

Bruce A. Black

Name
Bruce A. Black
Position
President
Company
Black Oil, Inc.
Date
May 29, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
May 24, 1984
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. **3950**