

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20688

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

Black Oil, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 537, Farmington, NM 87499 OIL CON. DIV.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 1735 FEL, 750 FSL, Sec. 20, T18N, R4W DIST. 3

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE, LAND MANAGEMENT

1.25 miles SW of Torreon Trading Post, FARMINGTON, New Mexico BUREAU OF LAND MANAGEMENT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

750'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

5000'

16. NO. OF ACRES IN LEASE

820

19. PROPOSED DEPTH

3900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

GR=6548

22. APPROX. DATE WORK WILL START*

October 15, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	20# K-55	120'	Circulate to surface
6-1/4"	4 1/2"	10.5# K-55	3700'	Circulate to surface

We propose to drill a 6 1/2" hole to 3900' to test the Dakota Formation. In the event commercial oil or gas is encountered, we will run logs and production casing below the zone of interest and fill with enough cement to circulate to surface. We will then attempt a completion. Pressure control equipment will include 120' of 7", 20# surface casing cemented to surface. We will use a double ram hydraulic BOP. BOP will be at least a shaffer LWP hydraulic with a 7-1/10" bore. BOP will be attached to the casing with a 7" flange and will be coupled with a hydraulic closing unit and will be ±23" from top of flange to the top of the BOP. The well will be drilled with water-based gel mud from surface to TD. Expected tops are Menefee to Point Lookout 1500', Gallup 2600', Dakota 3500'. The Dakota and Menefee Formations are the two horizons in which oil is expected to be encountered.

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

TITLE President

DATE 7-22-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NMOCC

APPROVED

AS AMENDED

OCT 04 1983

AREA MANAGER
FARMINGTON RESOURCE AREA

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

Operator BLACK OIL INCORPORATED			Lease FEDERAL		Well No. 1
Unit Letter 0	Section 20	Township 18N	Range 4W	County Sandoval	
Actual Footage Location of Well: 750 feet from the South line and 1735 feet from the East line					
Ground Level Elev. 6548	Producing Formation nk		Pool nc	Dedicated Acreage: 40 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.

<p>RECEIVED AUG 22 1983 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>			
		Sec.	
		20	

Scale: 1"=1000'

CERTIFICATION

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

Name
BRUCE A. BLACK

Position
PRESIDENT

Company
BLACK OIL INC.

Date
AUG. 17th 1983

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
August 2, 1983

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**