

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ RINGHOLE ☐ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
Purvis Oil Corp.

4. ADDRESS OF OPERATOR
Midland, Texas 79702
960 One First City Center, 500 W. Texas, P. O. Box 11006

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1880' FWL & 660' FNL (Unit C)
At proposed prod. zone same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
Four (4) miles North of Crossroads

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any) 560' FLL 560' FUL

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

9. ELEVATION (Show whether BP, RT, GR, etc.)
4173 Gr.

10. NO. OF ACRES IN LEASE
160.43

11. NO. OF ACRES ASSIGNED TO THIS WELL
160 acres

12. ROTARY OR CABLE TOOL
Rotary

13. APPROX. DATE WORK WILL START
8-10-90

14. LEASE IDENTIFICATION AND SERIAL NO.
USA NM-68823

15. IF INDIAN, ALLOTTEE OR TRIBE NAME

16. UNIT AGREEMENT NAME

17. FARM OR LEASE NAME
Federal 3 C

18. WELL NO.
2

19. FIELD AND POOL, OR WILDCAT
Vada Penn

20. SEC., T., R., M., OR B.L.R. AND SURVEY OR AREA
Sec. 3, T-9-S, R-35-E

21. COUNTY OR PARISH
Lea

22. STATE
NM

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48	H-40	ST&C CIRCULATE	375	375sx
11"	8-5/8"	24 & 32	J-55	ST&C CIRCULATE	4000	500sx
7-7/8"	5-1/2"	15.5 & 17.0	K-55	LT&C	9850	500sx

Purvis Oil Corp. proposes to drill to and test the Bough "C" formation and other possible intermediate pay zones. Approximately 375' of 13-3/8" surface casing will be set and cemented to surface. After drilling to approximately 4000' 8-5/8" intermediate casing will be set and cemented with 500 sacks. Thereafter, if commercial pay(s) is encountered it is anticipated 5 1/2" production casing will be set at TD and cemented with sufficient volumes to adequately cover all pay sections.

NOTE: This well will be a replacement offset for an unsuccessful re-entry attempt made in December, 1989 by Purvis Oil Corp.

MUD PROGRAM: Surface - 375': Fresh water native spud mud.

375 - 4000': Cut brine native mud w/LCM as needed

4000 - 9800': Cut brine system with mud up anticipated @ $\pm$ 7500' to control hole conditions. From 2200' - TD anticipate having salt gel starch system with required hole controlling qualities through logging operations at TD.

(OVER)

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 prevention program, if any.

24. PURVIS OIL CORP.
SIGNED J. H. Purvis TITLE President DATE July 5, 1990
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
AREA MANAGER _____
CARLSBAD RESOURCE AREA _____
APPROVED BY _____ TITLE _____ DATE 8-15-90

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

*See Instructions On Reverse Side

Submitted to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the outer boundaries of the section

Operator PURVIS OIL CORP.			Lease FEDERAL "3"		Well No. 2
Unit Letter C	Section 3	Township 9 South	Range 35 East	County Lea	
Actual Footage Location of Well: 660' feet from the North line and 1880' feet from the West line Sec. 3					
Ground level Elev. 4173'	Producing Formation Bough "C"		Pool Vada Penn	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

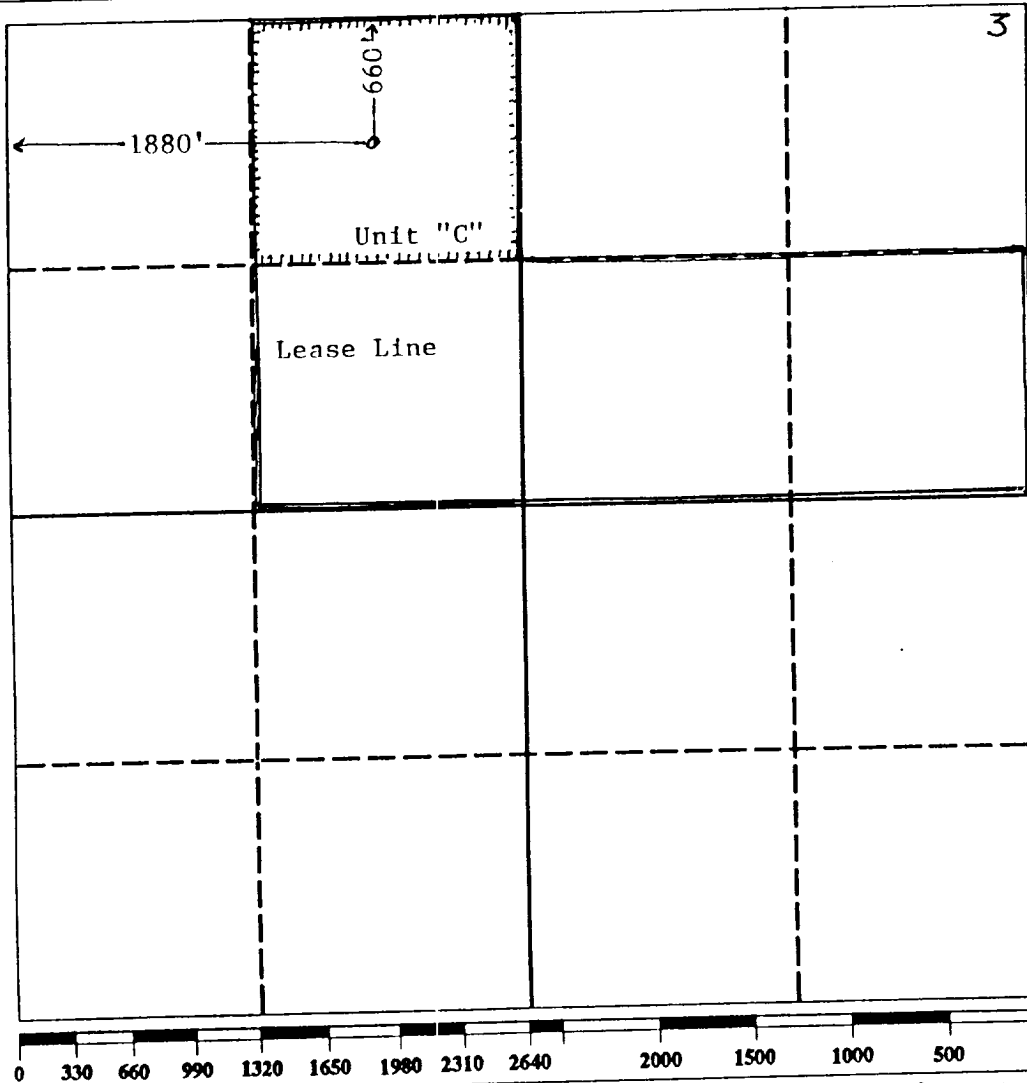
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
J. H. Purvis
Printed Name
J. H. Purvis

Position
President
Company
PURVIS OIL CORP.
Date
July 5, 1990

SURVEYOR CERTIFICATION

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.

September 16, 1969

Date Surveyed
Max A. Schumann, Jr.
Signature & Seal of
Professional Surveyor

See attached copy of orig. plat.

Certificate No. 1510

OCS Requires signed plat for new holes but Shannon Shaw w/BLM approved this since it was a replacement well for a unsuccessful re-entry of a 660/N + 1480/W loc

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-109
Supersedes C-128
Effective 1-1-55

All distances must be from the center of the well.

McGRATH & SMITH, INC.		FEDERAL 93		Well No. 1	
Well Location	Section 3	Township 34	Range 1E	County	LEA
Local Previous Location of Well		1800		WEST	
Ground Level Elev.	Producing Formation	Well	Drillers' Arrangement	Acres	
4175	BOUGH - G	ALLISON MIDDLE PENN	160		

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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 allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-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 _____
Position *Supervisor*
County *McGrath & Smith, Inc.*
Date *Sept. 17, 1969*

I hereby certify that the well location shown on this plat was placed from field notes of original 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 **SEPTEMBER 16, 1969**
Registered Professional Land Surveyor
William A. Carson
Certificate No. **1530**

