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SUBMIT IN TRIPLICATE
Other instructions on
reverse side)

20-043-20810
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C. 20250

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

Diamond Shamrock Exploration Co. c/o Ned Dollar, Agent

3. ADDRESS OF OPERATOR

P. O. Box 399 Aztec, NM 87410

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

At surface

380' FNL & 680' FEL Section 18, T19N., R2W.

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Sixteen (16) miles SW of Cuba, NM.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

19. PROPOSED DEPTH

5500'

20. ROTARY OR CABLE TOOLS

Rotary

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

6949' GR

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS" AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-3/4"	8-5/8"	24# K-55	600'	Cement to Surface
7-1/2"	5 1/2"	15.5 K-55	5500'	Determined by Caliper Log

See attached Sundry

Well to be drilled with 9# mud weight.

Logs: D. I., Density Neutron, Sonic.

DST: Entrada

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OIL CON. DIV
DIST. 3

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

Ned Dollar

TITLE

Agent

DATE

Oct. 18, 1985

(This space for Federal or State office use)

APPROVED

AS AMENDED

PERMIT NO.

APPROVAL DATE

NOV 18 1985

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

M. MILLENBACH
AREA MANAGER

*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 DIAMOND SHAMROCK EXPLORATION COMPANY			Lease ZAMBAMO LAKE-FEDERAL 18		Well No. 41
Unit Letter A	Section 18	Township 19N	Range 2W	County Sandoval	
Actual Footage Location of Well: 380 feet from the North line and 680 feet from the East line					
Ground Level Elev: 6949'	Producing Formation Entrada	Pool Wildcat		Dedicated Acreage: 40 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 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.

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Sec.

18

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OIL CON. DIV
DIST. 3

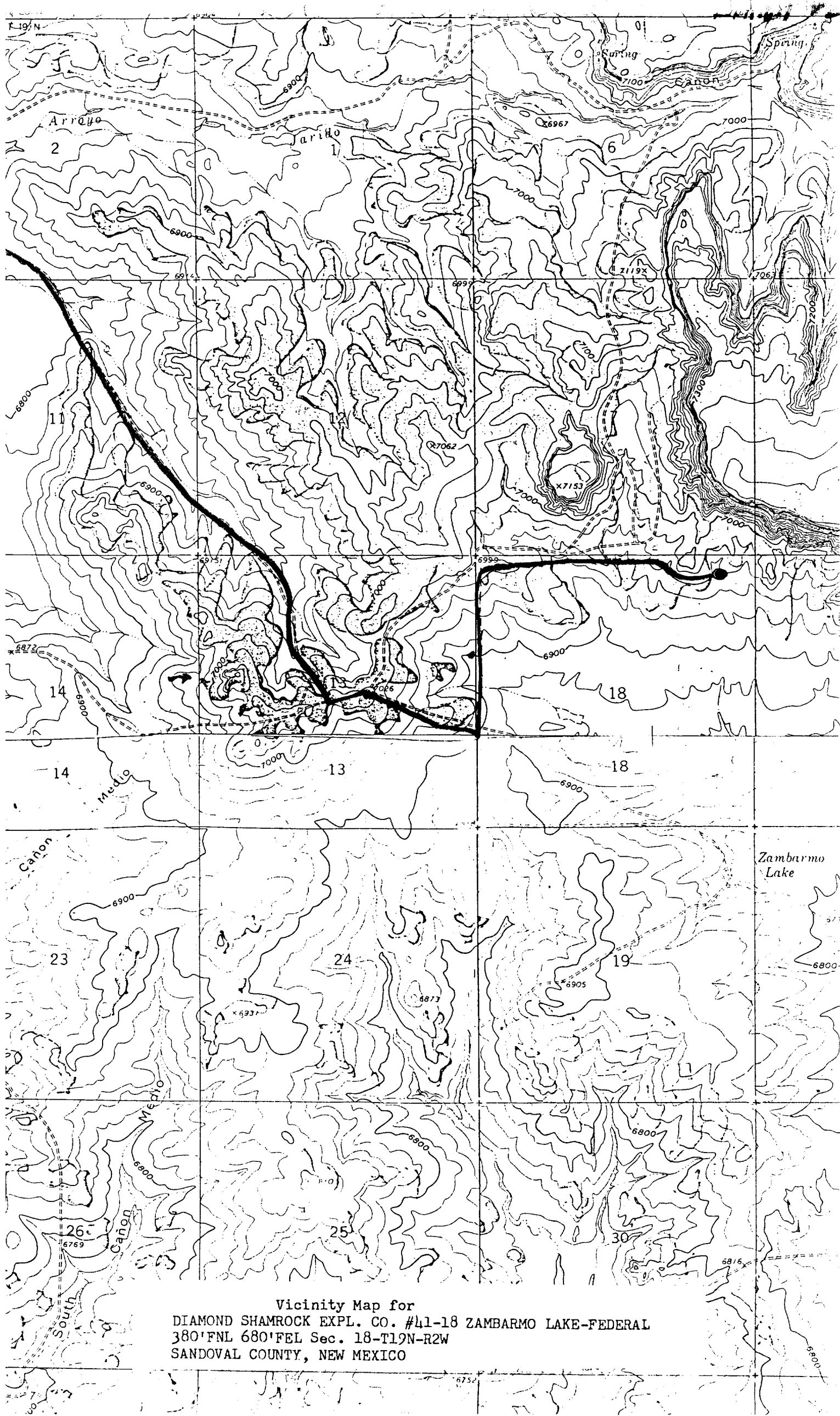
CERTIFICATION

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

Name *Neil Hollar*
 Position *Agent*
 Company *Diamond-Shamrock, Etc*
 Date *10-16-85*

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 *October 15, 1985*
 Registered Professional Engineer and Land Surveyor
Fred B. Kerr, Jr.
 Certificate No. *3950*



Vicinity Map for
DIAMOND SHAMROCK EXPL. CO. #41-18 ZAMBARMO LAKE-FEDERAL
380'FNL 680'FEL Sec. 18-T19N-R2W
SANDOVAL COUNTY, NEW MEXICO