

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Geo Engineering, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 1417, Socorro, New Mexico 87801

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

At surface

1322; FNL, 609; FEL

At proposed prod. zone

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

9¹ From White Horse

10. DISTANCE FROM PROPOSED*

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

609'

18. DISTANCE FROM PROPOSED LOCATION*

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

330'

16. NO. OF ACRES IN LEASE

159.511

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

1100

20. ROTARY OR CABLE TOOLS

Rotary

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

6461 GR

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

July 25, 1984

23.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	APPROX. DATE WORK WILL START*
9"	7"	11# 7-55	100	35ft ³
6-3/4"	4-1/2"	10# 7-55	1000	236.5 C.I.-B

Operator proposes to drill a 9" hole to a depth of 100' and, then a 6-3/4" hole to a depth of 1100' to evaluate the Menefee sands of the mesa verde formation. If oil is encountered in economic quantities, casing will be run to pay zone.

RECEIVED
JUN 05 1986
OIL CON. DIV.
DIST. 3

See attached letter

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

James R. Woods

TITLE

Geologist

DATE

8-15-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

FARMINGTON COPY

*See Instructions On Reverse Side

APPROVED

AS AMENDED

DATE

JAN 25 1986

John Miller
AREA MANAGER

OIL CONSERVATION DIVISION

NEW MEXICO

P. O. BOX 2088

MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-73

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

Operator Geo Engineering, Inc.			Lease Federal "A" #N.M. 0254488			Well No. 4		
Unit Letter H	Section 30	Township T.20.N	Range R.9W	County McKinley				
Actual Footage Location of Well: 1322 feet from the North line and 609 feet from the East line								
Ground Level Elev. 6461 GL	Producing Formation Menefee		Pool Blackeye Wildcat	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 Division.

		CERTIFICATION	
		<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James R. Woods</i> Name James R. Woods Position Geologist Company Geo Engineering, Inc. Date August 15, 1984</p> <p>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.</p> <p>Date Surveyed August 3, 1984 Registered Professional Engineer and/or Land Surveyor: <i>Jack Hollibaugh</i> Certificate No. 4051</p>	

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Caller Service 4104
Farmington, New Mexico 87499

IN REPLY REFER TO:
NM-0254488 (WC)
3162.3-1(F) (016)

JUL 25 1986

New Mexico Oil Conservation
Division
1000 Rio Brazos Road
Aztec, NM 87410

Gentlemen:

Reference is made to our letter of February 26, 1986, rescinding the approved APD of Geo Engineering, Incorporated well No. 4 Federal "A", NE/4 sec. 30, T. 20 N., R. 9 W., McKinley County, New Mexico, lease No. NM-0254488. This was done in error and the APD should be considered still valid.

Sincerely,

Stephen M. Mason

John S. McKee
Acting Area Manager

RECEIVED
JUL 28 1986
OIL CON. DIV.
DIST. 3