

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045 25542

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

BILLY J. KNOTT

3. ADDRESS OF OPERATOR

#850 One Energy Square  
4925 Greenville Ave. Dallas, Texas 75206

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

At surface

1000' FSL - 1520' FEL Sec. 8

At proposed prod. zone

Same

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

Approx. 5 miles East of Aztec, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drg. unit line, if any) 1000'

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

2770'

19. PROPOSED DEPTH

5600'

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

6391' GR 6405' KB

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36# J-55	200'	175sx(207 cuft)Circulated.
8 3/4"	7"	20# J-55	3350'	550sx(680 cuft)
6 1/4"	4 1/2" liner	10.5#J-55	150' to 5600'	330sx(416 cuft).

It is proposed to drill a Mesaverde sand well to an approximate depth of 5600' at the above captioned location in the following manner: 13 3/4" surface hole will be rotary mud-drilled to approx. depth of 200 feet and 9 5/8" 36# surface casing set at this depth with 270 sx. of Cl. 1" cement circulated to the surface. An 8 3/4" hole then rotary mud-drilled to an approx. depth of 3350' and 7" 20# csg. set at this depth & cemented with approx. 550 sx to circulate cement to the surf., this depth of 3350' should be approx. 200' into the Lewis formation. A 6 1/4" hole will then be Air drilled from approx. 3350' to the approx. total depth of 5600', (this should be through the entire Mesaverde sand zone). A 4 1/2" 10.5# liner will be set on bottom (approx. 5600' up to approx. 3150' or approx. 200' above the 7" casing point). The entire liner will be cemented in place through out the approx. interval of 3150' to the approx. T.D. of 5600' with approx. 330 sx. of 50-50 Posmix cement (60-75% excess). Each string of casing after being cemented in place will be adequately pressure tested. Drilling, geological and engineering operations will be executed properly and carefully as would any prudent operator.

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 Ashton B. Geren, Jr. Agent-Geologist & Manager for:  
TITLE Billy J. Knott

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE 7-1982

APPROVED  
AS AMENDED  
DEC 17 1982

DEC 16 1982  
JAMES F. SIMS  
DISTRICT ENGINEER

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

\*See Instructions On Reverse Side

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

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

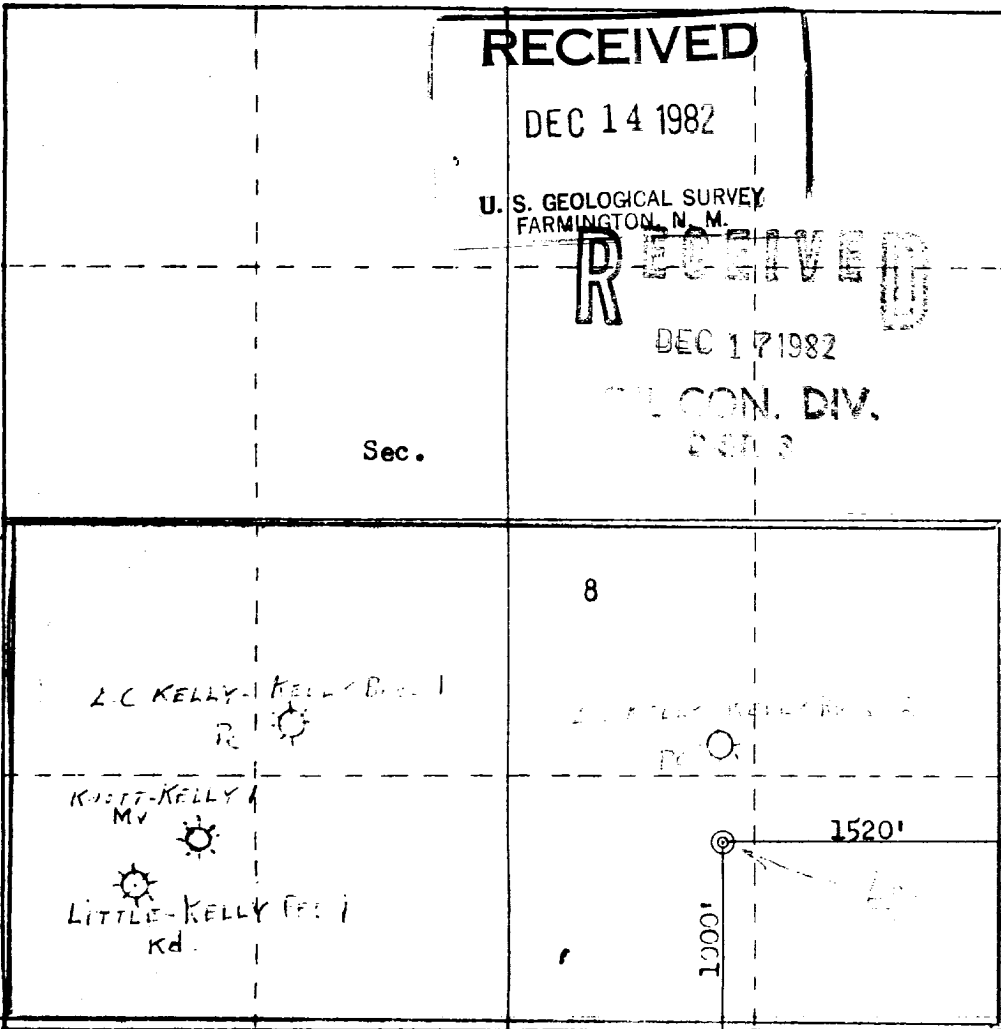
Operator <b>BILLY J. KNOTT</b>			Lease <b>KELLY</b>		Well No. <b>1A</b>
Unit Letter <b>0</b>	Section <b>8</b>	Township <b>30N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1000</b> feet from the <b>South</b> line and <b>1520</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6391</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco Mesaverde</b>	Dedicated Acreage: <b>S 320</b> 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.



Scale: 1"=1000'

CERTIFICATION

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

*Ashton B. Geren Jr.*  
Name

Ashton B. Geren, Jr.

Position Agent.-Mgr. for:  
Billy J. Knott -Opr.

Company  
Billy J. Knott

Date  
Dec. 7, 1982

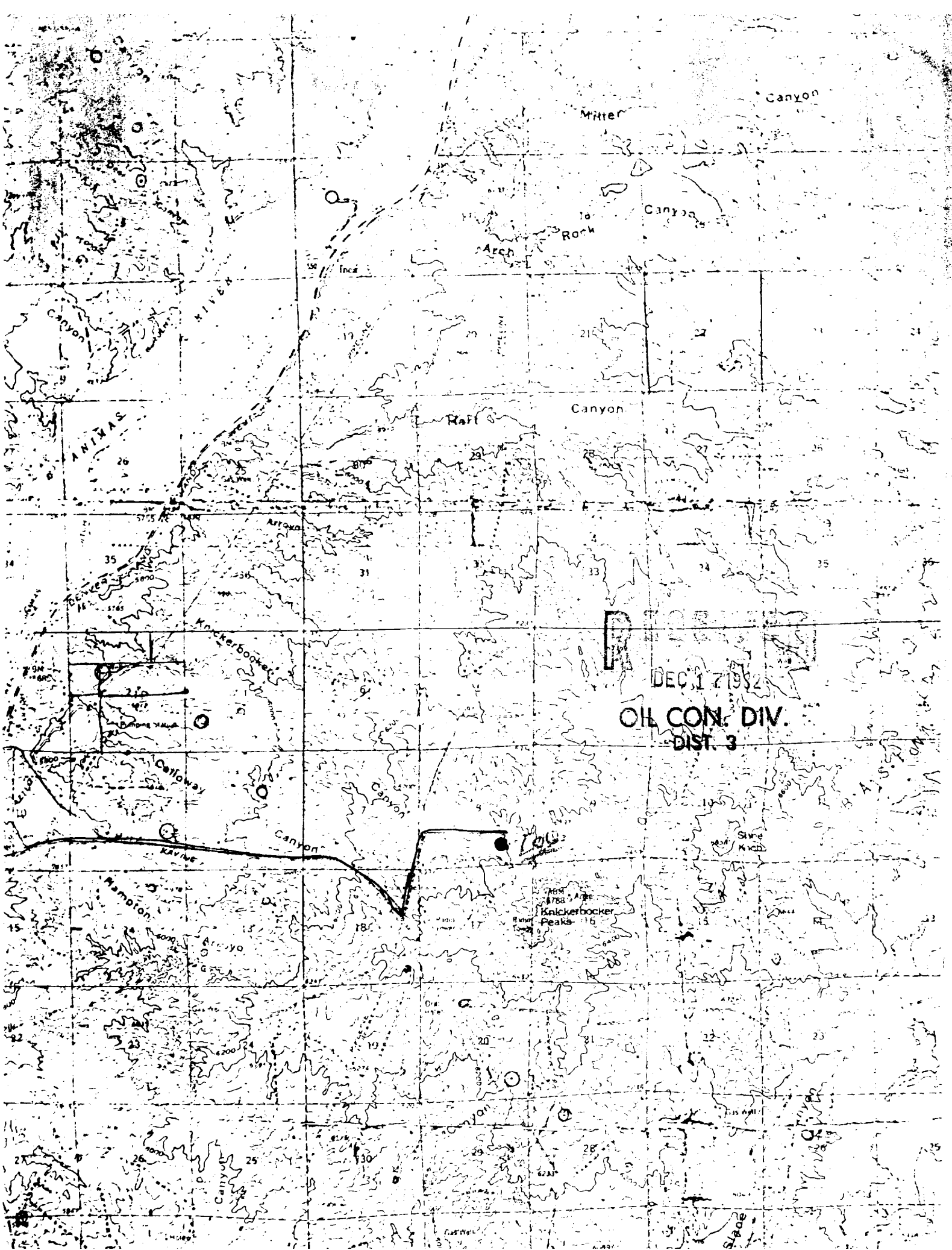
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
December 7, 1982

Registered Professional Engineer  
and Land Surveyor

*Fred B. Kerry Jr.*  
Fred B. Kerry Jr.

Certificate No. *3950*  
3950



DEC 17 1952

OIL CON. DIV.

DIST. 3

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