

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21830

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

Koch Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 2256, Wichita, Kansas 67201

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

At surface

790' FNL & 790' FWL

NW/4

At proposed prod. zone

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

Approx. 15 miles NE of Bloomfield, N. M.

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

323.22

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 160.78

18. DISTANCE FROM PROPOSED LOCATION*

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

Appr. 200'

19. PROPOSED DEPTH

2900'

20. ROTARY OR CABLE TOOLS

Rotary

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

5997' GR

22. APPROX. DATE WHEN WELL START*

6-6-75

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	26#.	200'	100
6-1/4"	4-1/2"	10.5#	2900'	200

1. Set SH 7" 26# LT & C csg. tested to 3000# @ 200'. Cement w/enough to circulate to surface. WOC 24 hours.
2. Test csg to 1000# & drill to approx. 1800' w/native mud. Mud up w/Gel-Benex type mud & drill through Pictured Cliff. Run approx. 2900' of new 4-1/2" 10.5# CW/55 ST & C csg. Use enough cmt to cover the Ojo.
3. 8" LWP Shaeffer double pipe ram BOP's will be used. Check BOP's each tour & blind rams each trip.
4. Well head will be LP screw type - will not be used to frac through.
5. Mud program: 0-200' Gel Lime slurry
200-1800' Water & Benex
1800-2900' Gel-Spersene Mud
6. Anticipated BHP at TD max of 1000#. No abnormal pressures anticipated.
7. Auxillary & BOP equip. on rig as follows: (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 preventer program, if any.

24.

SIGNED

Charles L. Schmidt

TITLE Operations Manager

DATE 6-2-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUN 5 1975

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-122
Effective 1-1-65

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

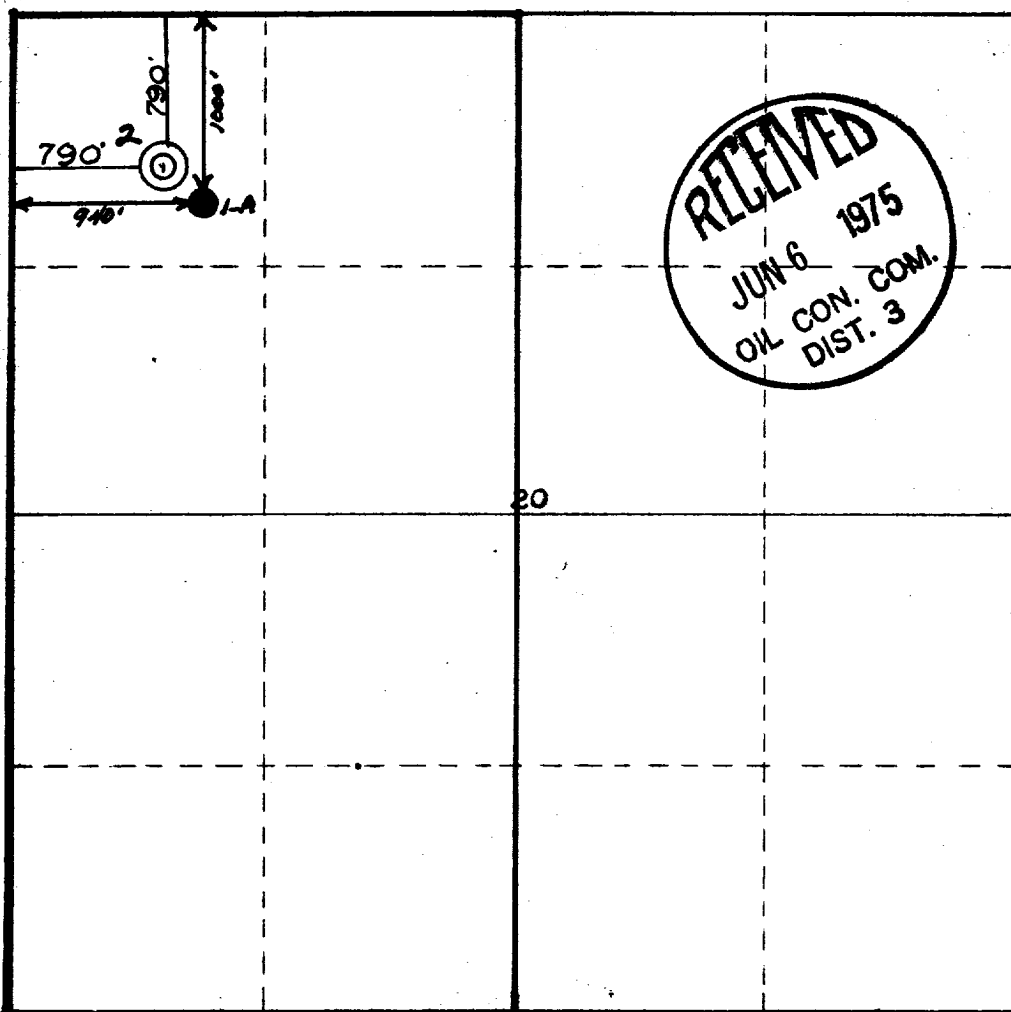
Operator KOCH EXPLORATION COMPANY			Lease CAIN		Well No. 2
Unit Letter D	Section 20	Township 31 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 790 feet from the NORTH line and 790 feet from the WEST line					
Ground Level Elev. 5997	Producing Formation Pictured CLIFFS	Pool Blanco ext.	Dedicated Acreage: 160.78 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.



CERTIFICATION

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

Name _____

Position _____

Company _____

Date _____

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 Signed _____

Registered Professional Engineer and Land Surveyor

James P. Leese
James P. Leese
NEW MEXICO

Certificate No. _____