

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-24577

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, Div. of Koch Industries, Inc.

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

1500' FEL & 790' FS (SE SW)

At proposed prod. zone

955

SWISE

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

20 miles Northeast of Aztec, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 790'

16. NO. OF ACRES IN LEASE

69.14

17. NO. OF ACRES ASSIGNED TO THIS WELL

138.70

18. DISTANCE FROM PROPOSED LOCATION*

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

Approx. 125'

19. PROPOSED DEPTH

3500

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 6590

22. APPROX. DATE WORK WILL START*

August 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4	7"	23#	200'	150
6-1/4	4 1/2"	10.5#	3500'	350
	2-3/8"	4.7#	3500'	

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

- 1) Set SH 7" 23# casing tested to 3000# at 200'. Cement surface. Wait on cement 24 hours.
- 2) Test casing to 1000# and drill to approx. 1800' with native mud. Mud up with Bel-Benex type mud and drill through Pictured Cliffs. Run approx. 3500' of new 4-1/2" 10.5# K-55 ST&C casing. Use enough cement to cover Ojo.
- 3) 8" LWP Shaeffer double pipe ram BOP's will be used. Check BOP's each tour and rams each trip.
- 4) Wellhead will be SP screw type - will not be used to frac through.
- 5) Mud Program: 0-200' Gel-Lime slurry, 200-1800' water and Benex, 1800-3500' Gel Spersene mud.
- 6) Anticipated bottom hole press.at total depth maximum of 1000#, no abnormal pressures anticipated.
- 7) Auxillary and BOP equipment on rig as follows. (A) Double ram BOP, (B) Kelly cocks (if required), (C) Rotating drilling head (if required) (D) Kill valve on rig floor.

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. With slick water and sand

24.

SIGNED

Vernon J. Lowe

TITLE Asst. Operations

DATE July 2, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

SEP 18 1980

APPROVED BY

Bruce Wamsley

TITLE

OIL CON. COM.

DIST. 3

CONDITIONS OF APPROVAL, IF ANY:

WHL
3-603

ok Jul

01 AM 000

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

- 8) Complete well by swabbing casing dry. Perforate.
Pictured Cliffs with two holes per foot and frac.

EXHIBITS ATTACHED

- A. Location and elevation plat
- B. Ten point compliance program
- C. Blow-out preventor Diagram
- D. Multi-point requirement for surface use.
- E. Access road map into location.
- F. Proposed access roads and radius map of well in area.
- G. Drill pad layout and contours, cut-fill sections.
- H. Drill rig and production facilities lay out.

All distances must be from the outer boundaries of the section

Operator KOCH INDUSTRIES			Lessor WALKER		Well No. 6-R
Section Letter 0	Section 13	Township 31 NORTH	Range 10 WEST	County SAN JUAN	
Initial Postage Location of Well: feet from the 955 SOUTH line and 1500 feet from the EAST line					
Ground Level Elev. 590	Producing Formation Pictured Cliffs		Pool 3 blanco	Dedicated Acreage Acres	

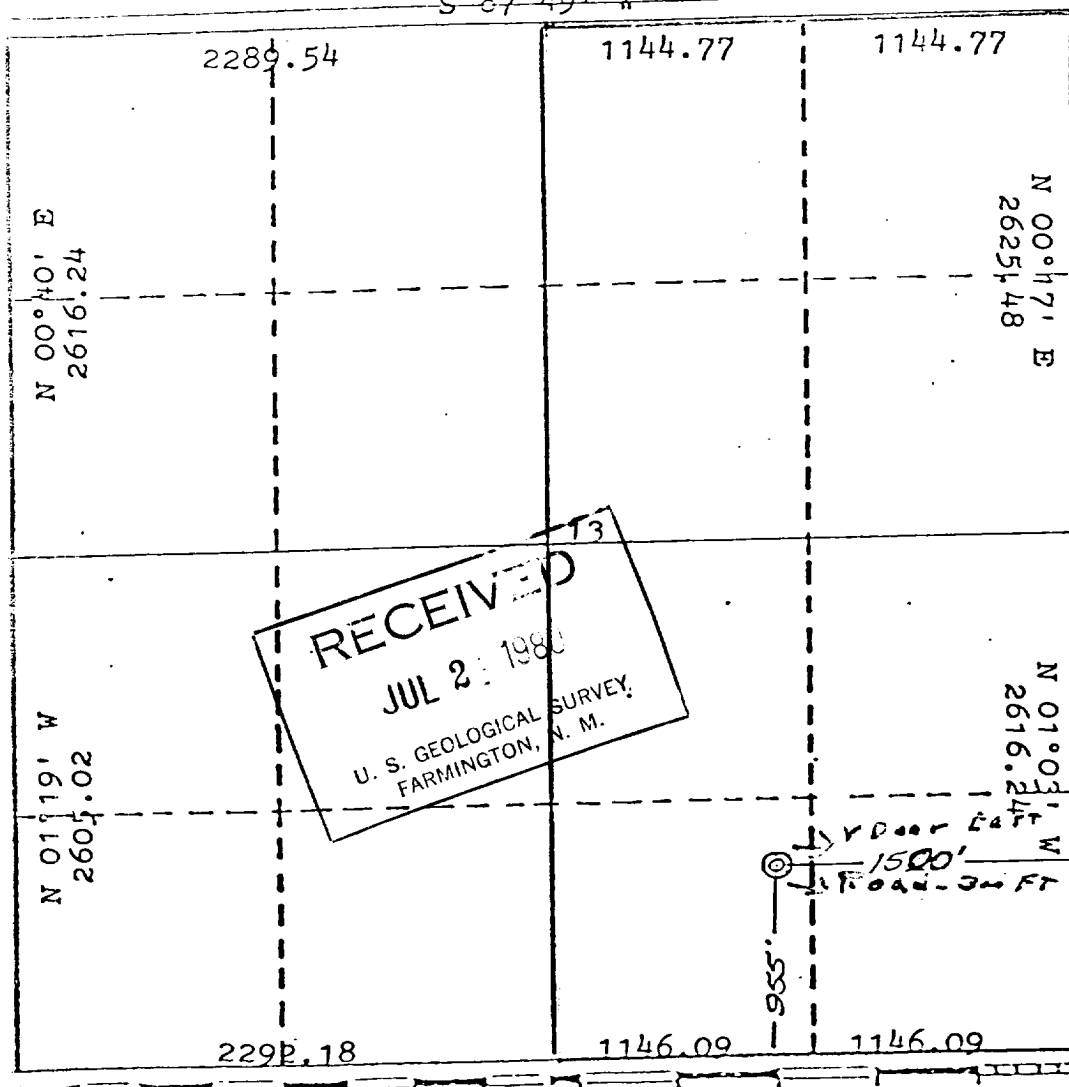
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated 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.

S 87°49' W



CERTIFICATION

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

Vernon J. Lowe
Name

Vernon J. Lowe

Position

Asst. Operations Manager

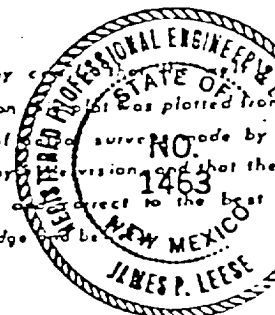
Company

Koch Industries, Inc.

Date

July 2, 1980

I hereby certify that the information shown on this plat was plotted from field notes of a survey made by me or under my supervision and that the same is true and correct to the best of my knowledge.



Date Surveyed

May 13, 1980

Registered Professional Engineer and/or Land Surveyor

James P. Leese
James P. Leese

Certificate No.

All distances must be from the outer boundaries of the section

Koch Industries		Lease		WALKER		Well No. 6-R	
Section	Township	Range	County				
0	13	31 NORTH	10 WEST SAN JUAN				
Actual Postage Location of Well:							
790	feet from the	SOUTH	line and	1500	feet from the	EAST	line
Ground Level Elev.	Producing Formation		Pool		Dedicated Acreage		
5590	Pictured Cliffs		Blanco		Acre		

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).

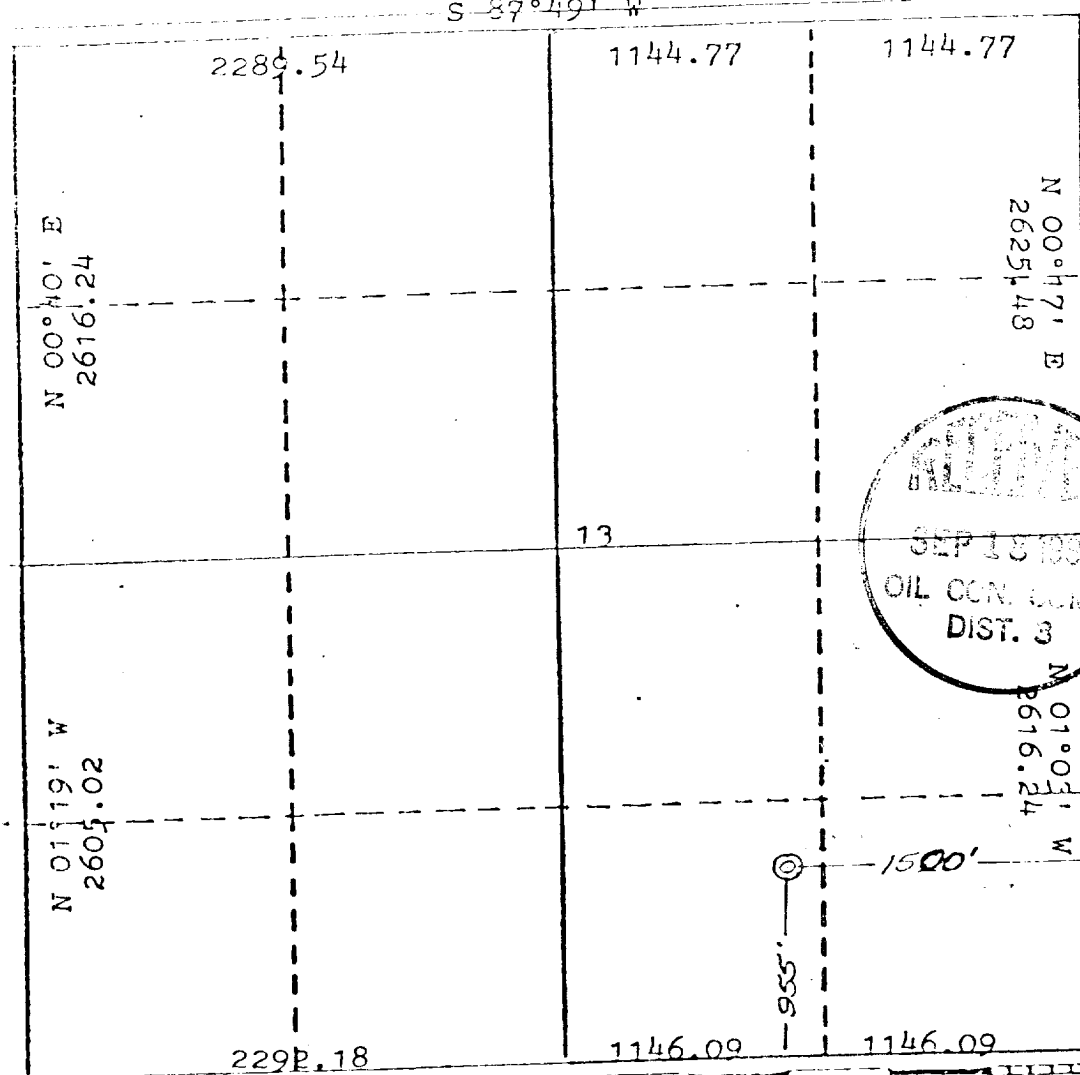
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ 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 Division.

S 87°49' W



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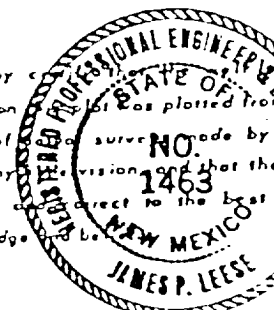
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1463