

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 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

N 980' FSL & 1470' FWL

NW SE SW

At proposed prod. zone

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

Approx. 15 miles NE of Bloomfield

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

980' FSL

18. DISTANCE FROM PROPOSED LOCATION*

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

Appr. 380'

16. NO. OF ACRES IN LEASE

315.18

19. PROPOSED DEPTH

2900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

157.54

20. ROTARY OR CABLE TOOLS

Rotary

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

6191' GR

22. APPROX. DATE WORK WILL START*

1-15-76

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'	150
6-1/4"	4 1/2"	10.5#	2900'	350

1. Set SH 7" casing tested to 3000# @ 200'. Cement w/enough to circ. to surface. WOC 24 hours.
 2. Test casing to 1000# & drill to approx. 1800' w/native mud. Mud up w/Gel-Benex type mud & drill thru Pictured Cliffs. Run approx. 2900' of new 4 1/2" 10.5# CW-55 ST&C csg. Use enough cement to cover 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 @ TD max. of 1000#, no abnormal pressures anticipated.
 7. Auxillary & 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.
 8. Complete well by swabbing csg. dry. Perf Pictured Cliffs w/2HPF & frac w/
- 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. slick water & Sand.

24.

SIGNED

Oswald L. Schmit

TITLE Operations Manager

DATE

11-25-75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

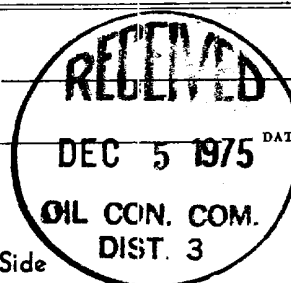
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Ok

*See Instructions On Reverse Side



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-101
Supersedes C-128
Effective 1-1-65

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

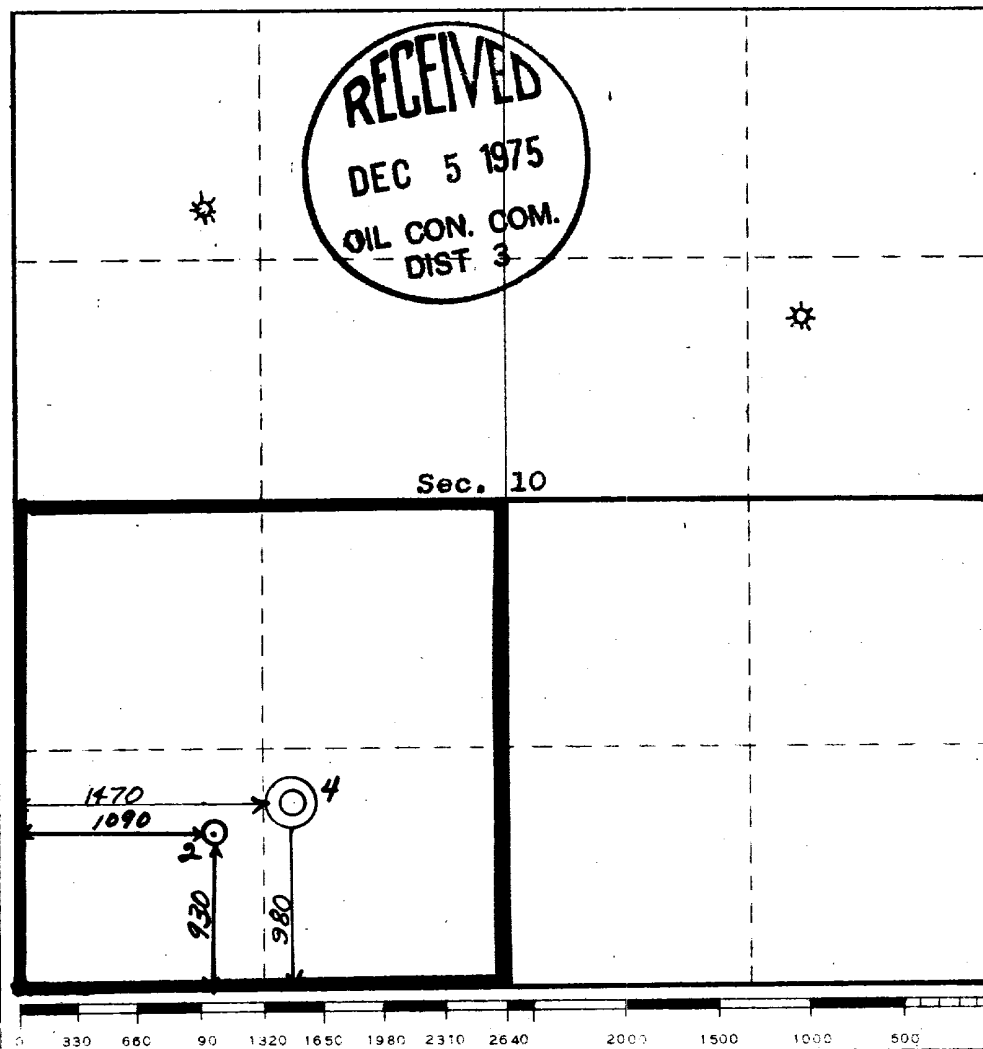
Operator KOCH EXPLORATION COMPANY			Lease WALKER		Well No. 4
Unit Letter N	Section 10	Township 31 NORTH	Range 10 WEST	County SAN JUAN	
Actual Footage Location of Well: 980 feet from the SOUTH line and 1470 feet from the WEST line.					
Ground Level Elev. 6191	Producing Formation Pictured Cliffs	Pool Blanco Unknown	Dedicated Acreage EXT 157.54 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.

Dwaine L. Schmier
Name

Operations Manager

Position

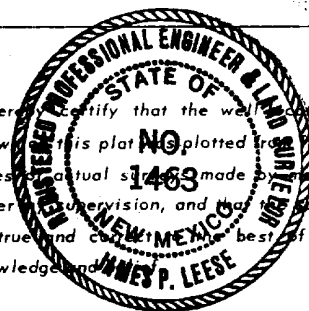
Koch Industries Inc.

Company

November 25, 1975

Date

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



Date Surveyed

20 November, 1975

Registered Professional Engineer and/or Land Surveyor

James P. Leese
JAMES P. LEESE

Certificate No.

1463

Development Plan for Surface Use

Walker No. 4

1. Existing Roads: (Exhibit "A")
Equipment and personnel will utilize U.S. Highway 550 appr. 2 miles west of the location. The existing exit from the highway will be used.
2. Planned Access Roads: (Exhibit "A")
Location falls near an existing lease road. Very little, if any, new road will have to be built.
3. Location of Existing Wells:
The proposed well is appr. 380' NE of Walker # 2.
4. Lateral Roads to Well Location: (Exhibit "A")
See attached map - Exhibit "A".
5. Location of Tank Battery and Flow Line:
None required.
6. Location and Type of Water Supply:
The source water to be used in the drilling operation will be from the irrigation ditch on Highway 550 appr. 2 miles west of the proposed location. Water will be hauled by trucks.
7. Waste Disposal:
The drilling contractor will furnish a metal toilet. Cuttings, metal, wire, etc. that will not burn will either be buried or hauled off the location.
8. Location of Camps:
No camps are anticipated.
9. Location of Airstrips:
None required.
10. Location Layout: (Exhibit "B")
Will spot the small mobile rig in the most convenient manner on a compacted drilling pad. No particular terrain or drainage problem anticipated.
11. Plans for Restoration of the Surface:
A minimum of the area will be disturbed to build the location. Upon completion of drilling, the area will be leveled and the pits either filled or fenced as soon as the rig is moved. All areas not needed in producing operations will be seeded with a grass mixture of five pounds crested wheat grass, five pounds intermediate wheat grass and three pounds nomad alfalfa to each acre. The planting will be done in the fall or early winter, when conditions are favorable.
12. General Description of the Topography, Vegetation and Other Aspects of the Area:
Area is very rocky and rough near bottom of a canyon. Road and location crosses an area of sage brush and pinion trees.



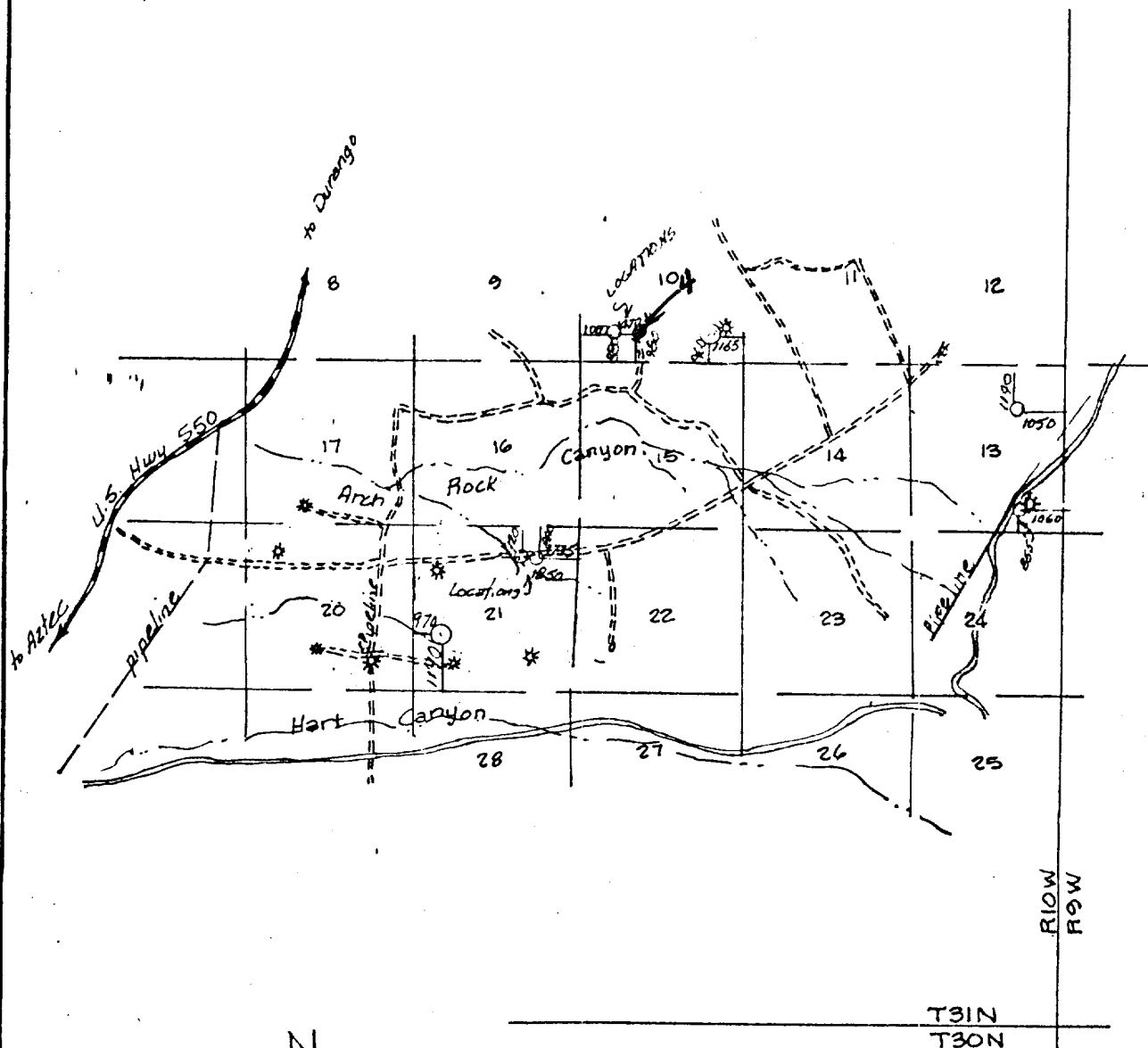


Exhibit "A"

VICINITY MAP

FOR

KOCH EXPLORATION CO.

Well located in

SE/4 & NE/4 Sec. 13, & NE/4 Sec. 21,

& SW/4 Sec. 10, T31N, R10W, N.M.P.M.,

San Juan Co., New Mex. Scale: 1" = 1 mile

San Juan Engineering Co.
Farmington, New Mexico.

N

EXHIBIT "B"

WALKER NO. 4
SE SW Sec. 10-31N-10W
San Juan County, New Mexico

