

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

FORM APPROVED  
OMB NO. 1004-0136

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.

NM - 013642

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Koch Exploration Company

## 3. ADDRESS AND TELEPHONE NO.

20 E. Greenway Plaza Houston, TX 77046

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

At surface

NW/4 Sec 31-T32N-R8W 1060' FNL 1310' FWL

At proposed prod. zone

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Gardner 2A

9. API WELL NO.

30-045-30256

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLK AND SURVEY OR AREA

Sec 31 T32N R8W

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

17 miles NE of Aztec, NM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DISTANCE FROM PROPOSED\* LOCATION TO  
NEAREST PROPERTY OR LEASE LINE, FT. (Also to  
nearest drlg. unit line, if any)

1,060'

16. NO. OF ACRES IN LEASE

2,264.04

17. NO. OF ACRES ASSIGNED TO THIS WELL

271.25

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

2,000'

19. PROPOSED DEPTH

6,200' TVD/MD

20. ROTARY OR CABLE TOOLS

Rotary

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

6,660' GR

22. APPROXIMATE DATE WORK WILL START\*

7/1/2000

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" J-55	36.0	240' +/-	Surface (175 scf)
8 3/4"	7" J-55	23.0	4,000' +/-	Surface ( 900 scf)
6 1/4"	4 1/2" J-55	11.6	6,200' +/-	3,700' (375 scf)

(See attached)

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3,  
and appeal pursuant to 43 CFR 3165.4.



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

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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:

Rogers

TITLE:

Sr. Engr.

DATE:

5/12/00

(This space for Federal or State office use)

PERMIT NO.:

APPROVAL DATE:

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY:

/s/ Jim Lovato

TITLE:

Team Lead, Petroleum Management

DATE:

AUG - 8 2000

NMOCD

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30256		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 5658	*Property Name GARDNER		*Well Number 2A
*OGRID No. 12807	*Operator Name KOCH EXPLORATION CO.		*Elevation 6660'

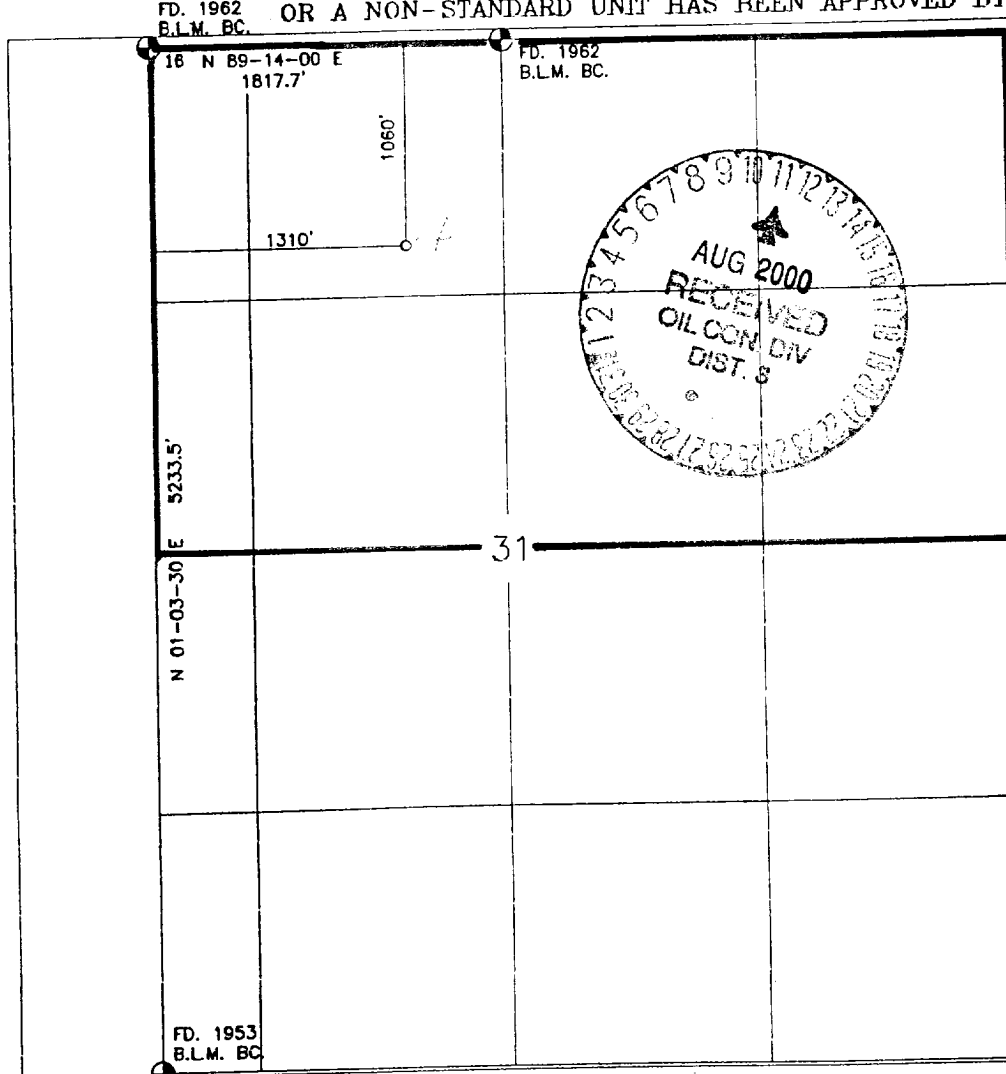
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	32-N	8-W		1060	NORTH	1310	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres 271.25			*Joint or Infill I		*Consolidation Code		*Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
FD. 1962 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  
B.L.M. BC.



17 OPERATOR CERTIFICATION

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

Signature  
Roy A. Ornelas  
Printed Name  
Sr. Engr., Proj Mgr  
Title  
5/17/00  
Date

18 SURVEYOR CERTIFICATION

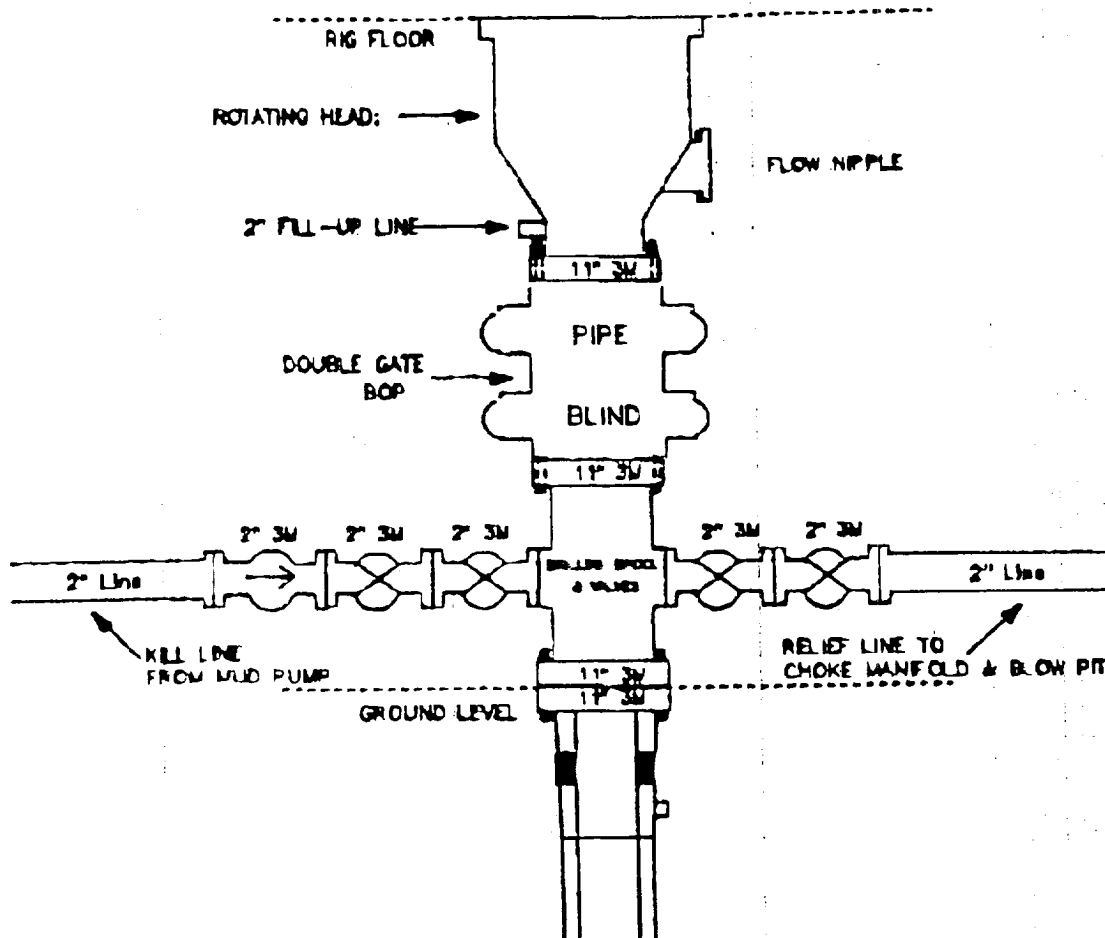
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

Date of Survey  
4-10-2000  
Signature and Seal of Professional Surveyor  
ROY A. RUSH  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR  
8894  
8894  
Certificate Number



Key FOUR CORNERS  
P. O. BOX 1067  
6681 U.S. HWY. 64  
FARMINGTON, NEW MEXICO 87409  
•  
TELEPHONE: (505) 326-3371  
FAX: (505) 326-3370

## Drilling Rig 3000 psi System



11" Bare (10" Nominal), 3000psi working pressure minimum double gate BOP to be equipped with blind and pipe rams. A rotating head on the top of the rams. All BOP equipment is 3000psi working pressure.

Note: A floor safety valve and upper kelly cock with handle will be available.

Exhibit "F-1"