

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NM-013642

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 ☐

c. NAME OF OPERATOR

KOCH EXPLORATION COMPANY

d. ADDRESS OF OPERATOR

3605 N. DUSTIN, FARMINGTON, NEW MEXICO 87401

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

1460' FNL & 2000' FEL

f. At proposed prod. zone

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

20 MILES NE. OF AZTEC, NM.

13. DISTANCE FROM PROPOSED

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

1460'

16. NO. OF ACRES IN LEASE

B-320.2264040

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

13. DISTANCE FROM PROPOSED LOCATION

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

2500

19. PROPOSED DEPTH

3400' +.OR -

20. ROTARY OR CABLE TOOLS

ROTARY

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

22. APPROX. DATE WORK WILL START

DRILLING OPERATIONS WHEN APPROVED

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

PROPOSED CASING AND CEMENTING PROGRAM

SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-1/4	8-5/8	24#	200'
7-3/4	5-1/2	17#	3400' +.OR -
			56-SX. 66.92 CU. FT. 100% EXCESS
			899SX. 1079 CU. FT. 100% EXCESS

1-SET NEW OR TESTED 8-5/8" J-55-ST&C. CASING@200'. CEMENT WITH ENOUGH CEMENT TO CIRCULATE TO SURFACE. WOC. 12 HRS. TEST CASING TO 1000 PSI. BEFORE DRILLING OUT FROM UNDER THE SHOE.

2-DRILL OUT WITH WATER AND NATIVE MUD TO 2000' THEN MUD UP WITH BENEX TYPE MUD AND DRILL THROUGH THE FRUITLAND COAL ZONE. (PLUS OR MINUS.) SET 5-1/2" 17#-J-55 ST&C CASING. CEMENT WITH ENOUGH CEMENT TO CIRCULATE TO SURFACE.

3-3000# DOUBLE RAM BOP'S WILL BE USED. PIPE RAMS FOR THE SIZE OF PIPE BEING USED AT THE TIME AND BLIND RAMS FOR WELL CONTROL WHEN PIPE IS OUT OF THE HOLE.

4-WELL HEAD WILL CONSIST OF 8-5/8X5-1/2X2" screw type LARKIN HEAD

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.

SIGNED Delvin H. Edwards

TITLE DIST. PROD. SUPT.

DATE JUNE 14, 1990

(This space is for use by the Bureau)

PERMIT NO.

APPROVAL DATE

AS A-ENH

APPROVED BY

TITLE

DATE JUN 18 1990

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV
DIST. 3

NMOCD

*See Instructions On Reverse Side

to Appropriate
District Office
Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Koch Exploration Company			Lease Gardner C		Well No. 7
Unit Letter G	Section 26	Township 32 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1460 feet from the North line and 2000 feet from the East line					
Ground level Elev. 6590	Producing Formation	Pool Basin Fruitland Coal		Dedicated Acreage: 320 3/4 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 interest 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 interest, has been approved by the Division.

Section 26	
1460'	
2000'	
Section 26	
RECEIVED JUL 23 1990 OIL CON. DIV. DIST. 3	

OPERATOR CERTIFICATION

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

Devin H. Richard
Signature

Devin H. Richard
Printed Name

Dist. Prod. Supt.
Position

Company
Koch Exploration Co.
Date
6-1-90

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 knowledge and belief.

Date Surveyed May 22, 1990

Signature & Seal of Professional Surveyor
EDGAR L. RISENHOOVER
NEW MEXICO
5979
Edgar L. Risenhoover, S.

Form 3160-6
November 1963
Formerly 9-3317a

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1004-0115

Expire August 31, 1965

6. LEASE DESIGNATION AND SERIAL NO.

NA-M-043642

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Gardner-C

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

26-32N-9W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NM

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Koch Exploration Company

3. ADDRESS OF OPERATOR

3605 N. Rustin Farmington New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface 1400' FNL + 2000' FFL

14. PERMIT NO.

15. ELEVATIONS (Show whether SV, HT, OR, etc.)

GR. 6590'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

REPAIR OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and some pertinent to this work.)

We have filed to drill this well through the coal and run cement the pipe through the formation. We want to change the plan as follows. Drill 200' of 11" hole. Run 9 5/8" surface casing 200'. Cement with 87 sk. 100 cu. ft. 100% excess to circulate to surface. Drill 8 3/4" hole to top of coal zone. Run 9 cement 7" 20' casing at 3100 ft. with 1230 sks. 1475 Cu. ft. cement. 100% excess to circulate to surface. Drill 6 1/4" hole through the coal zone (3100-3450' Complete open hole, then run a 5 1/2" 17" liner from 3050 to 3450' DO NO CEMENT.

RECEIVED

SEP 14 1990

18. I hereby certify that the foregoing is true and correct

SIGNED

Delvin H. Eckard

TITLE

Dist. Prod. Mgr.

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

OIL CON. DIV

DIST. 3

APPROVED

DATE 8-29-90

SEP 07 1990

DATE

Ken Townsend
AREA MANAGER
FARMINGTON REGION

*See Instructions on Reverse Side