

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-046-22936

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
Kimbark Operating Co.

3. ADDRESS OF OPERATOR
1860 Lincoln Street #808, Denver, CO 80295

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface ☒ 990' FNL and 1090 FWL Section 27
At proposed prod. zone ☐ Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 miles northwest of Aztec, New Mexico

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 990'

16. NO. OF ACRES IN LEASE 320

17. NO. OF ACRES ASSIGNED TO THIS WELL W 320

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, MI. 1/2 mile

19. PROPOSED DEPTH 5300' MV

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.) 6123 G.R.

22. APPROX. DATE WORK WILL START* Spring 1978

5. LEASE DESIGNATION AND SERIAL NO.
82-078146A (SF-078146A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Horton

9. WELL NO.
4-A

10. FIELD AND POOL, OR WILDCAT
Blanco Mesa Verde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/4 Section 27, T32N, R12W

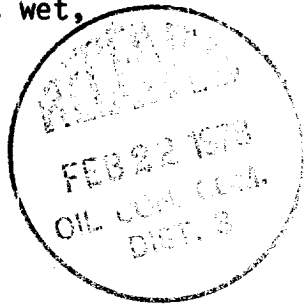
12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	36#	180'	Circ.
8-3/4"	7"	20#	3000'	2 stage - circ.
6-1/4"	4-1/2"	10.5#	5300' (liner)	250 sx.

1. Operator will test and maintain proper drilling equipment during all operations.
2. Will drill out from intermediate with air; if gets wet, go to foam.
3. Log, run 4-1/2" csg., cement, perf., and frac.
4. Federal mineral, fee surface.



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 W. K. Arbuckle TITLE President DATE 2/8/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL (If any)

(Gas is dedicated) *Okief*

*See Instructions On Reverse Side

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

All distances must be from the outer boundaries of the Section

Operator KIMBARK OPERATING COMPANY				Lease HORTON		Well No 4-A	
Unit Letter D	Section 27	Township 32 NORTH	Range 12 WEST	County SAN JUAN			
Actual Surface Location of Well 600 feet from the NORTH line and 1090 feet from the WEST line							
Ground Elev. Elev. 6123		Underlying Formation Mesa Verde		Pool Blanco Mesa Verde		Dedicated Acreage 320 Acres	

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). **one lease**
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 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.

W. K. Arbuckle

Name _____

W. K. Arbuckle

Position _____

President

Company _____

Kimbark Operating Co.

Date _____

2/8/78

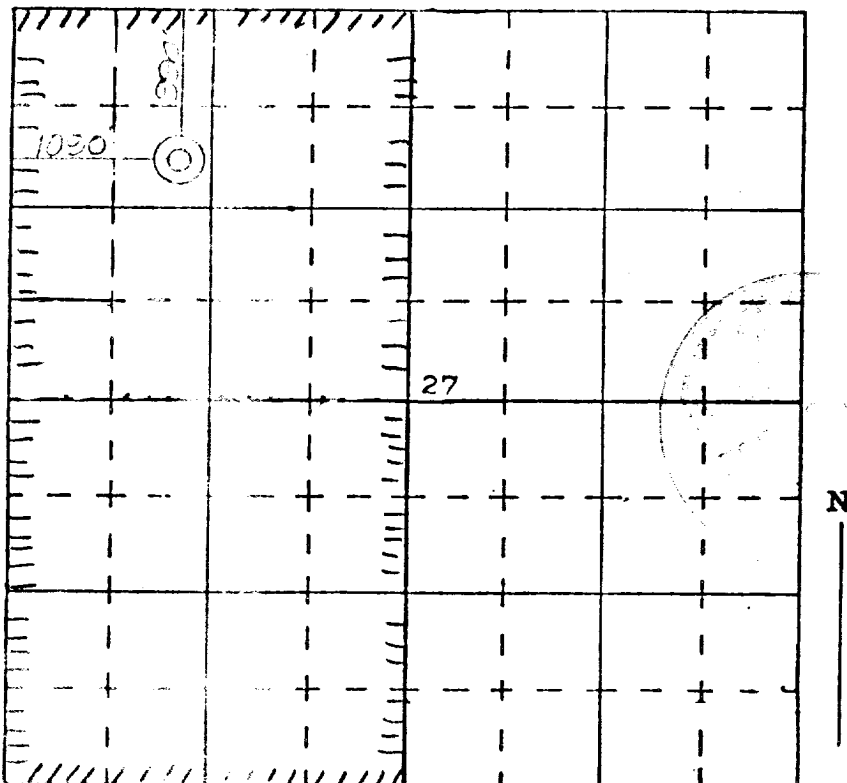
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

18 January 1978

Date Surveyed _____

James P. Leese
Registered Professional Engineer
and/or Land Surveyor

James P. Leese



SCALE: 4 INCHES EQUALS 1 MILE