

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-24943  
5. LEASE DESIGNATION AND SERIAL NO.

NM-13381  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Bench

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat PC

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

Sec 34, T 25N, R 13W

12. COUNTY OR PARISH 13. STATE

San Juan NM

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  
KM Production Company

3. ADDRESS OF OPERATOR  
P.O. Box 2406 Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 790 FNL & 1730 FEL  
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 28 miles south of Farmington, NM

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 2480

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 0  
19. PROPOSED DEPTH 1200'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6267 ft. GL  
22. APPROX. DATE WORK WILL START\* March 30, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8"	7"	23 lb./ft.	90 ft	35 sacks
6 1/4"	4 1/2"	9.5 lb./ft.	960 ft	125 sacks
3 7/8"	open hole	-----	1200 ft	-----

Will drill 9 7/8" hole to 90 ft. and set 90 ft. of 7" 23 lb./ft., J-55 used casing with 35 sacks class "H" cement. Will drill 6 1/4" hole to 960 ft. and run 960 ft. of 4 1/2' 9.5 lb. ft., J-55 used casing and cement with 125 sacks class "H" with 2% CaCl cement. Will drill 3 7/8" hole to 1200' for open hole completion. No abnormal pressures or temperatures are anticipated. Circulation medium will be clear water, natural mud, and water loss additives. Will run Induction and Density logs. Blowout preventer schematic attached. The gas from this formation is not dedicated.

FORMATION	DEPTH	CONTENT
Ojo Alamo	Surface	
Kirtland	465'	
Fruitland	820'	
Pic. Cliffs	1025'	Natural Gas

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 Kevin H. McLeod TITLE Agent DATE March 3, 1981

(This space for Federal or State office use)

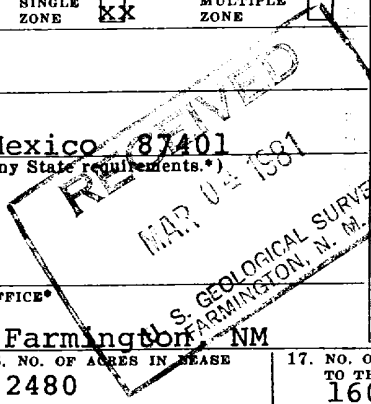
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

MAR 23 1981  
*James F. Sims*  
JAMES F. SIMS  
DISTRICT ENGINEER



OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

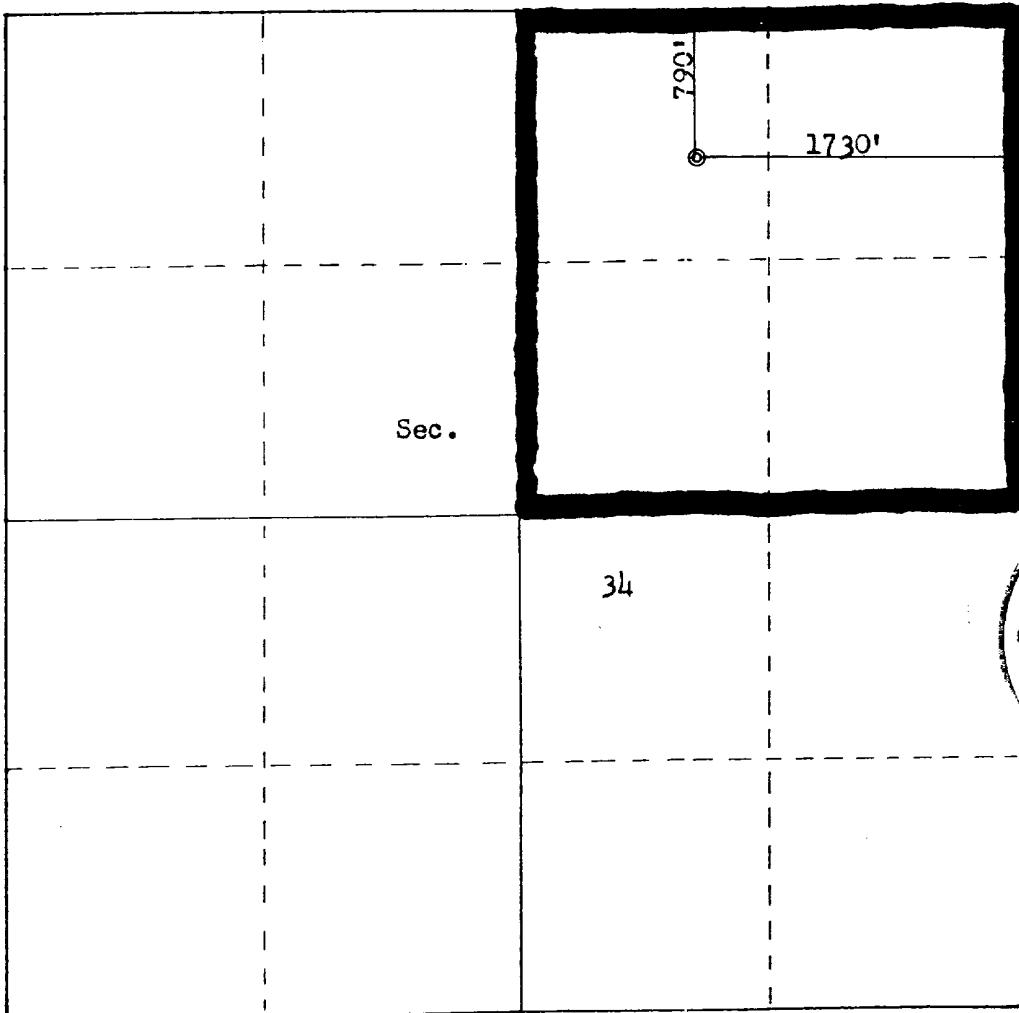
Operator <b>KM PRODUCTION COMPANY</b>		Lease <b>BENCH</b>		Well No. <b>1</b>
Unit Letter <b>B</b>	Section <b>34</b>	Township <b>25N</b>	Range <b>13W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>1730</b> feet from the <b>East</b> line				
Ground Level Elev: <b>6267</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>160</b> 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.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Kevin H. McCord</i>	
Name	Kevin H. McCord
Position	Agent
Company	KM Production Co.
Date	March 3, 1981
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	March 1, 1981
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950

Vicinity Map for  
KM PRODUCTION COMPANY #1 BENCH  
7901 FNL 1730 FEL Sec. 34-T25N-R13W  
SAN JUAN COUNTY, NEW MEXICO

ACCESS ROUTE:

- Existing Road
- Proposed Road

WELLS:

- Proposed
- Dry Hole

