

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN **CLIMATE**
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-E1425.

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

Schalk Development Company

3. ADDRESS OF OPERATOR

P. O. Box 25825 / Albuquerque, New Mexico

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

At surface 790' FNL, 790' FEL

At proposed prod. zone

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

17 miles from Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 790'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1700'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

5997'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

7213 GR

22. APPROX. DATE WORK WILL START*

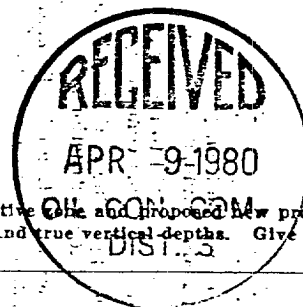
12/15/79

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	23#	300'	200 SXS
7-7/8"	4-1/2"	10.5#	5997'	350 SXS

Well drilled to Total Depth (6100' KBM) on 11/6/79. Perforated between 5307 - 5592 and 5769 - 5793. Used Cross-link and sand frac in the Mesa Verde Formation. Upon testing the well, it was determined that an insufficient volume of gas and excessive amounts of water were present.

We intend to set a Bridge Plug @ approximately 4750' and complete the well in the Chacra Formation.



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 [Signature] TITLE Managing Partner

DATE 12/10/79

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVED BY

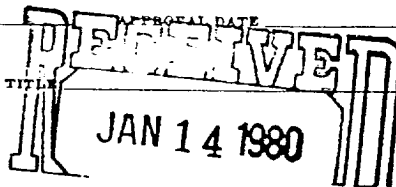
CONDITIONS OF APPROVAL, IF ANY

JAN 11 1980

JAMES F. SIMS

DISTRICT OIL & GAS SUPERVISOR

*See Instructions On Reverse Side



DATE 12 7 1979

We will remain current on top of MU Bldg at 790