

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

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

At surface 1650' FNL and 1090' FEL

At proposed prod. zone Same

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

13 miles NE of Counselor

15. DISTANCE FROM PROPOSED*

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

1090'

18. DISTANCE FROM PROPOSED LOCATION*

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

3150'

16. NO. OF ACRES IN LEASE

1760 1920

19. PROPOSED DEPTH

6450

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

0 - TD

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

6365' GL, 6375' KB

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

March 14, 1982

23.

"GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAMThis action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	32 #/ft	350'	400 sx (472 cu. ft.)
7-7/8"	5-1/2"	17 & 15 #/ft.	6726'	569 sx (671.42 cu. ft.)

Propose to plug back Dakota with cement plug from PBTD to 6450'. Will inspect casing and repair if necessary. Will perforate and stimulate the Gallup Formation as necessary. The gas from this formation is not dedicated.

FORMATION TOPS

Ojo Alamo	1708'	Mesaverde	3720'
Fruitland	1840'	Gallup	5532'
Pictured Cliffs	2168'	Dakota	6430'

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 conditions and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Operations Manager

DATE

3/4/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES F. SIMS
DISTRICT ENGINEER

VMOOG

SALAZAR FED. G 344

WELLBORE DIAGRAM

6365' C.L.
6375' K.B.

(OLD NAME - SALAZAR 1-34)

1650 F NL $\frac{1}{2}$ 1090 FEL

534, T26N, R6W

RIO ARRIBA, N.M.

8 5/8" $\times$ 360' KTB w/ 400 SX

TOP OF CEMENT 3935' (CST. WELLFILE)

PERFS - 6554 - 6580

TBC $\times$ 6706' 2 7/8" EUC.

PERFS - 6706 - 6722'

5 1/2" 1716' 13 1/2" 16 $\times$ 6726' w/ 569 SX