

RECEIVED BY

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-25143
5. LEASE DESIGNATION AND SERIAL NO.
NM-39627-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Deer Canyon Federal Comm.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat - *Morrow*11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 27-T20S-R21E

12. COUNTY OR PARISH 13. STATE

Eddy

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

ARTESIA, OFFICE DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Eagle Oil & Gas Co. ✓

3. ADDRESS OF OPERATOR

510 Hamilton Building, Wichita Falls, TX 76301

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

At surface

660' FSL & 2150' FEL

At proposed prod. zone

Same

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

Approximately 23 miles south of Hope, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

490'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED
TO THIS WELL.

80 w/320 (Comm)

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

8,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

4424 GL

22. APPROX. DATE WORK WILL START*

December 26, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	350'	350 Sx Class "C" Circulate to Surf.
12 1/4"	8 5/8"	24#	1550'	950 Sx HLC with 200 sx Thixset and 500 sx class "C" Circulate
7 7/8"	4 1/2"	10.5#	8000'	1000 Sx Class "C"

Mud Program: 0' - 350' Drill w/fresh water based spud mud 8.5-10.0 ppg.
350' - 3000' Drill w/fresh water, MW 8.7-9.0 ppg, Vis. 28-40.
3000' - 8000' Drill w/KCL water, MW 8.7-9.5 ppg, Vis. 35-40. Water loss
10-20 cc.

BOP Program: At 1550' install ant test to 3,000#, pipe rams, blind rams (middle), bag
type preventor and choke manifold. BOP accumulator volume will be sufficient
to operate the bag preventor and blind rams with a snap action through
the close, open, close sequence.

Gas not dedicated.

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.

Agent for:

Eagle Oil & Gas Co.

DATE December 4, 1984

SIGNED

Dee R. Smith

TITLE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

AREA MANAGER

CARLSBAD RESOURCE AREA

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED