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NEW MEXICO OIL CONSERVATION COMMISSION

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DEC 4 1980

O. C. D.

ARTESIA OFFICE

30-015-23566

Form C-101
Revised 1-1-65

5A. Indicate Type of License

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

LG 827

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

OIL WELL ☐

GAS WELL ☒

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

Name of Operator

Artesia Petroleum Corporation

Address of Operator

07 South 4th Street, Artesia, NM 88210

Location of Well

UNIT LETTER Q

LOCATED 660

FEET FROM THE South

LINE

1980

FEET FROM THE East

LINE OF SEC. 34

TWP. 18S

R. 24E

N.M.P.M.

7. Date Agreement Made

8. Name of Lessee

Arnold St. "OR"

9. Well No.

1

10. Field and Pool, or Well Unit

Undes. Morrow

11. County

Eddy

12. Proposed Depth

Approx. 9,000

13. Formation

Morrow

14. Type of C.T.

Rotary

15. Elevations (show whether D.F., K.I., etc.)

3.748 GL

16. Kind & Status Plug. Bond

Blanket

17. Drilling Contractor

Moran 9?

18. Approx. Date Work will Start

As soon as possible

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
7 1/2"	13 3/8"	48# J-55	Approx. 350	350	circulate
2 1/4"	8 5/8"	24# J-55	Approx. 950	550	circulate
7 7/8"	5 1/2 or 4 1/2"	10.5-17# K-55	TD	300	circulate
		10.5-11.6# K-55			

Propose to drill and test the Morrow & intermediate horizons. Will set approximately 350' surface casing to shut off gravel & cavings. Will set intermediate casing 100' below Artesian Water Zone. Both strings will be circulated with cement. If commercial, will run 5 1/2" or 4 1/2" casing and cement with 1000' of cover.

MUD PROGRAM: Gel & LCM to 950', Water to 6700', Flosal-Drispak to TD, MW 8.9 - 9.1, Vis 34-40, WL 12-7.

BOP PROGRAM: BOP's & hydril on 8 5/8" casing, tested daily, Yellow Jacket prior to drilling Wolfcamp (see Exhibit D)

GAS NOT DEDICATED

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-9-81

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

By Glenn R. Roberts Title Geographer Date 12-2-80

(This space for State Use)

APPROVED BY W. A. Everett TITLE SUPERVISOR, DISTRICT II DATE DEC 9 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" & 8 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing