

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
Coguina Oil Corporation

3. ADDRESS OF OPERATOR
200 Bldg. of Southwest, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' FWL & 1980 FNL, Sec. 4, T19S, R27E
At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.
14207

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Watkins-Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4, T19S, R27E

12. COUNTY OR PARISH
ARTESIA, OFFICE

13. STATE
Eddy N.M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6 miles east and 11 miles south of Artesia, N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1st well

19. PROPOSED DEPTH
10,200

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
G.L. 3339'

22. APPROX. DATE WORK WILL START*
1-25-74

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#	300	Circ.
12 1/4"	8 5/8"	24#	2300	Circ.
7 7/8"	5 1/2"	Var.	10200	To Be Determined

It is proposed to drill a 17 1/2" hole to 300', set & cement the 13 3/8" casing with sufficient volume to circulate the cement to surface. A 12 1/4" hole will be drilled to approximately 2300' and the 8 5/8" casing will be run and cemented with an adequate volume to circulate to surface. After WOC a minimum of 18 hours, the casing will be tested to 1000 psi. A double ram blowout preventer plus a Hydril will be nipped up and tested to 3000 psi. A 7 7/8" hole will be drilled to total depth and pending results of DST, if positive, 5 1/2" production casing will be run. Native mud will be used to 7400'. Below 7400', a slat water gel with adequate density and viscosity shall be maintained. Pit volume totalizers and flow sensor will be installed prior to reaching the Wolfcamp, anticipated at approximately 7500'.

RECEIVED
JAN 18 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 J. J. Berry (J. J. Berry) TITLE Superintendent DATE 1-15-74

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JAN 25 1974

APPROVED BY [Signature] TITLE [Signature] DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED 6-22-73

DEEP WELL PER BASIN
CEMENT BEHIND 13 3/8" 1985
CASING MUST BE CIRCULATED

*See Instructions On Reverse Side

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 85 CASING