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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-75

RE-ENTRY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

OIL WELL ☐GAS WELL ☒OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

c. Name of Operator

Harvey E. Yates Company

d. Address of Operator

P. O. Box 1933, Roswell, New Mexico 88201

e. Location of Well

UNIT LETTER C

LOCATED 660

FEET FROM THE

North

LINE

AND 1980

FEET FROM THE

West

LINE OF SEC. 26

TWP. 13S

RGE. 35E

NMPM

17. County

Lea

5A. Indicate Type of Lease

STATE ☐FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

Heyco-Lester Alston

8. Firm or Lease Name

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

f. Elevations (Show whether DF, RT, etc.)

4041' DF

21A. Kind & Status Plug. Bond

\$50,000 blanket

19. Proposed Depth

13,200'

19A. Formation

Atoka

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Moranco

22. Approx. Date Work will start

December 19, 1980

3.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	361'	400 sxs	Circulate
12 1/2"	9 5/8"	36#-40#	4501'	1400 sxs	Circ Pulled 1150'-
7 7/8"	5 1/2"	17#-20#	13,200'		Sufficient Csg to cover 600' above pay zone

This acreage is not dedicated to a pipeline purchaser.

Re-entry Procedure:

1. Clean out cellar. Weld on 13 3/8" WO x 12" - 3000 casing head
2. Drill out surface plug with Rat Hole machine
3. RU reverse unit. NU BOP
4. Run 12 1/4" bit, one 4 3/4" OD drill collar, blade, 5 - 4 3/4" DCs in hole on 2 7/8" AOH Drill Pipe and drill out to top/casing stub @ 1150'
5. POH and LD 12 1/4" bit. PU 8 3/8" bit & RIH.
6. Work bit inside 9 5/8" OD csg @ 1150'
7. Clean out inside 9 5/8" & work bit thru shot point @ 1662' until smooth.
8. POH; run skirted mill & mill off top of 9 5/8" csg.
9. POH; run Bowen Lead Seal casing patch on 9 5/8" OD, 36#/ft., J-55 casing
10. Stab over 9 5/8" stub, catch & seal off 9 5/8" casing.

4. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE 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.

Signed Pete Hardee Title Engineer Date December 10, 1980

(This space for State Use)

APPROVED BY

TITLE

SUPERVISOR DISTRICT

DATE

DEC 12 1980

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIV.
DEC 11 1980
RECEIVED

11. Pressure test casing to 1500 psi - 30 min. Release pressure
12. NU 12" - 3000 x 10" - 3000 casing spool
13. Release rental tools & reverse unit.
14. Move in & RU Drilling Rig. TIR w/ 8 3/4" bit, DCS & drill pipe
15. Drill out the following plugs, condition mud & hole:

- a) 25 sxs @ 1170'
- b) 50 sxs @ 310'
- c) 50 sxs @ 4380'
- d) 50 sxs @ 5400'
- e) 25 sxs @ 5800'
- f) 25 sxs @ 8650' or 8050'
- g) 25 sxs @ 10400'

16. Clean out to 13,000'. Condition hole & run logs
17. DST Atoka
18. Run casing & log