

30-015-23133

Form C-101
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JAN 16 1980

O. C. C.

ARTESIA OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease

STATE ☒ FEE ☐5. State Oil & Gas Lease No.
648

7. Unit Agreement Name

8. Farm or Lease Name

JEB Stuart "13" Comm.

9. Well No.
110. Field and Pool, or Wildcat
Undesignated (Morrow)12. County
Eddy

18. Proposed Depth

11,200'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

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

3489.1

21A. Kind & Status Plug. Head

Blanket

21B. Drilling Contractor

Hondo Drlg. Co.

22. Approx. Date work will start

1-18-80

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	48#	300'	325	Circ.
12 1/4"	9 5/8"	36#	2400'	1100	Circl.
8 3/4"	4 1/2"	11.6#	11,200'	1100	9000'

Set surface casing @ 300' at T/salt, circ cmt. Drill 12 1/4" hole w/brine wtr. to prevent washout to 2400'. Run 9 5/8" csg. to 2400', circ. cmt. Drill 8 3/4" hole w/fresh wtr. to 7500'. Add brine wtr. to raise mud wt. Drill to TD of 11,200' to test Morrow and intermediate horizons. If commercial will run 4 1/2" csg. to TD. Cement w/sufficient cmt. volume to bring cmt. above all prospective zones. Estimated t/cement @ 9000'. Perf and stimulate Morrow for production

NOTE: Substantial loss circulation zone @ 9700'. This may necessitate setting 7" csg. string through loss circulation zone. Will drill 6 1/8" hole below 7" if this string is run.

Mud Program: 0-300 spud mud; 300-2400' 10# brine water, 2400-7500' fresh water; 7500-9500' 9.5# cut brine water; 9500-TD starch, gel, flosal, Drispac 10.0# vis 36-40 WL 6 cc through Morrow. Bottom hole pressure @ TD anticipated to be 4500 psi. No abnormal pressures expected. Gas separator on mud system to be installed @ 4000'. BOP Program: BOP to be installed on 13 3/8" csg: double 10" Ser 900. BOP to be installed on 9 5/8" csg: double 10" Ser 900 plus BOP. Hydril plus Drlg. Head. Test w/Yellow Jacket, Inc. after setting 9 5/8" csg. Test BOP daily.

APPROVAL BASED ON 90 DAYS BOP TEST DAILY.
DRILLING COMMENCED,

GAS IS NOT DEDICATED

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

EXPIRES

4-17-80

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

Signed C. Harvey Can Title District Engineer Date 1-15-80

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 17 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" + 9 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing