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P. O. BOX 2088
SANTA FE, NEW MEXICO 875015A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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

SHELL OIL COMPANY

3. Address of Operator

P. O. BOX 991, HOUSTON, TEXAS 77001

4. Location of Well

UNIT LETTER F LOCATED 1650 FEET FROM THE NORTH LINE

AND 1650 FEET FROM THE WEST LINE OF SEC. 22 TWP. 21-S RGE. 37-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

ARGO "A"

9. Well No.

11

10. Field and Pool, or Wildcat

TUBB OIL AND GAS

12. County

LEA

15. Proposed Depth

7800' (PBTD)

16A. Formation

TUBB

20. Rotary or C.T.

1. Elevations (show whether DF, RT, etc.)

3431' DF

21A. Kind & Status Plug. Bond

BLANKET

21B. Drilling Contractor

WORKOVER RIG

22. Approx. Date Work will start

JANUARY 1982

23.

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#	225'	250 sx	SURFACE
11"	8 5/8"	32#	2903'	1900 sx	SURFACE
7 7/8"	5 1/2" (LINER)	17#, 15.5#	3651' - 7843'	800 sx	

We propose to abandon the Paddock zone and recompleate this well in the Tubb formation.

1. Set cement retainer @5230'. Pressure back side to 500 psi. Pump + 100 sx Class "C" + .3% Halad-4 + .4% CFR-2 until injection pressure indicates a squeeze has occurred. Pull out of cmt retainer, cap retainer w/+10' of cmt., reverse out excess.
2. WOC a minimum of 24 hours.
3. Drill out cmt and cmt retainer. Pressure test to 500 psi. Spot 500 gals 15% double inhibited NEA acid @6300'.
4. Perforate 5 1/2" liner across Tubb zone 5960' to 6313' (84 holes in 343').
5. Set FBRC @ +5900'. Pressure back side to 500 psi. Acidize Tubb formation w/12,500 gals 15% NEA acid. TOH w/FBRC.
6. Run production equipment and test.

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.

A. J. FORE Title SUPERVISOR REG. & PERMITTING Date FEBRUARY 12, 1982

(This Office for State Use)

Les Clements

APPROVED BY Oil & Gas Insp. TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: