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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG-0272	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		AZTEC STATE	
2. Name of Operator		9. Well No.	
FRANKLIN, ASTON & FAIR, LTD.		#4	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. BOX 1090, ROSWELL, NEW MEXICO 88201		WILDCAT	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE NORTH LINE AND 1980 FEET FROM THE WEST LINE OF SEC. 36 TWP. 17S RGE. 32E NMPM		12. County	
		LEA	
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
14000		DEVONIAN	ROTARY
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3957.1 GR		MORANCO	APRIL 25, 1976

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#	300	500 sacks	circ. surf.
13 3/4"	10 3/4"	40.5#	3100	1100 sacks	circ. surf.
9 1/2"	7 5/8"	29.7# & 33.7#	11600 or 12600		11000

This well will commence drilling about April 25, 1976. The 16 inch surface casing will be set at approximately 300 feet with 500 sacks Class C cement 2% Ca. Cl. circulated to surface. After waiting 24 hours, will drill out with 13 3/4 inch bit to depth of about 3000 feet and set 10 3/4 inch casing with 900 sacks Halliburton lite cement followed by 200 sacks Class C with 2% Ca. Cl. If cement does not circulate, it will be cemented to surface through one inch (1"). After waiting 24 hours, casing will be pressure tested to 2000 PSI and held 30 minutes. A 9 1/2 inch hole will be drilled to 11800 feet to test the Strawn. If pressure encountered in the Strawn dictates, 7 5/8 inch casing will be set at approximately 11800 feet. If unusually high pressure is not encountered in the Strawn, the 9 1/2 inch hole will be drilled to 12500 feet or through the Morrow Sands, and 7 5/8 inch casing set at this depth, if required. If 7 5/8 inch casing is set, a 6 1/2 inch hole will be drilled to approximately 14000 feet to test the Devonian.

APPROVAL VALID
FOR 90 DAYS UNLESS
DUE DILIGENCE COMMENCED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, 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.

EXPIRES

7-15-76

Signed Grant M. Smith Title Geologist Date April 13, 1976

(This space for State Use)

APPROVED BY Jerry Lipton TITLE APR 15 1976 DATE SUPERVISOR DISTRICT 1

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 14 1976

OIL CONSERVATION COMM.
HOBBS, N. M.