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OPERATOR	

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.
E-8454

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"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		None	
2. Name of Operator		8. Farm or Lease Name	
H. L. BROWN, JR.		Arco State	
3. Address of Operator		9. Well No.	
Post Office Box 2237, Midland, Texas 79702		#1	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER A LOCATED 330 FEET FROM THE N LINE		Wildcat	
AND 1150 FEET FROM THE E LINE OF SEC. 16 TWP. 16-S RGE. 32-E NMPM		12. County	
		Lea	
		13. Proposed Depth	
		10,100	
		19A. Formation	
		Wolfcamp	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
4332' G.L.		Not selected	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Active		12-15-77	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	12 3/4"	33.3	500	425	Circ to surface
11"	8 5/8"	24 & 32	4200	800	1,000
7 7/8"	5 1/2"	17 & 15.50	10100	250	6,000

***Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing. You can do this by either circulating the intermediate casing with cement, or a DV tool at the top of the salt.

Plan to spool a 17 1/2" hole and drill to 500'. Set 12 3/4" 33.3/ft csg and cement to surface with 425 sx cmt. Install 10" Series 900 Cameron BPC BOP. Then drill 11" hole to 4200'. Run 8 5/8" OD 24 & 32 K-55 STC csg to 4200', and cement to surface with 1000 cubic feet 66 cmt. (10% excess) to circ out to surface. By using same 10" Series 900 Cameron BPC BOP drill a 7 7/8" hole to 10,100'. EST's will be made in Wolfcamp as justified. Provided commercial production is indicated, run a string of 5 1/2" OD 16.30' & 17.00' K-55 and K-50 csg to 10,100'. Perf in Wolfcamp and complete same.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED.

EXPIRES 4-6-78

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. 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 L. McGill Title Production & Drlg Engineer Date 11-03-77

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT I DATE JAN 6 1978

CONDITIONS OF APPROVAL, IF ANY: ***See Above

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APR 1977

OIL CONSERVATION COM.
HOUSTON, N. M.