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P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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

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"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>				8. Farm or Lease Name ARGO	
2. Name of Operator SHELL OIL COMPANY				9. Well No. 9	
3. Address of Operator P. O. BOX 991, HOUSTON, TEXAS 77001				10. Field and Pool, or Wildcat HARE - SIMPSON	
4. Location of Well UNIT LETTER M LOCATED 330 FEET FROM THE SOUTH LINE AND 990 FEET FROM THE WEST LINE OF SEC. 15 TWP. 21-S RGE. 37-E NMPM				12. County LEA	
19. Proposed Depth 8189' (TD)		19A. Formation McKEE		20. Rotary or C.T. ----	
21. Elevations (show whether DF, KT, etc.) 3445' DF		21A. Kind & Status Plug. Bond BLANKET		22. Approx. Date Work will start MARCH 1982	

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"	32.4#	225'	250 sx	SURFACE
11"	8 5/8"	32#	2917'	1700 sx	SURFACE
7 7/8"	5 1/2" (LINER)	15.5#, 17#	8000'	850 sx	2701'

We propose to abandon the Ellenburger zone in this well and recompleat in the Hare-Simpson formation.

- CO to 8000'. Set CIBP @7990'. Pressure test. Cap w/35' cmt.
- Spot 400 gals 15% NEA double inhibited acid. Perforate 5 1/2" liner 7557' - 7925' (48 holes in 369'). Set FBRC @7550'.
- Frac treat w/38,000 gals cross-linked gelled 2% KCl + 84,000# 20-40 mesh sand + 85 tons CO₂ + 2,000 gals 15% NEA.
- Retrieve FBRC. Clean out fill to PBTD (7990').
- Instal production equipment and test.

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 Jerry Sexton A. J. FORE Title SUPERVISOR REGULATORY & PERMITS Date FEBRUARY 25, 1982

(Not to be used for State Use)
JERRY SEXTON

APPROVED BY DISTRICT 1 SUPR. TITLE _____ DATE MAR 2 1982

CONDITIONS OF APPROVAL, IF ANY:

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MAR - 1 1982

O.C.D.
HOBBS OFFICE