

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. 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				7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name TURNER	
2. Name of Operator SHELL WESTERN E&P INC.				9. Well No. 14	
3. Address of Operator P. O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)				10. Field and Pool, or Wildcat WANTZ ABO	
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>2310</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>2310</u> FEET FROM THE <u>EAST</u> LINE OF SEC. <u>22</u> TWP. <u>21S</u> RGE. <u>37E</u> NMPM				12. County LEA	
11. Elevations (Show whether DF, RT, etc.) 3423' DF, 3412' GL		21A. Kind & Status Plug. Bond BLANKET		19. Proposed Depth 7758' (TD)	
				19A. Formation WANTZ ABO	
		21B. Drilling Contractor WORKOVER RIG		20. Rotary or C.T. ----	
				22. Approx. Date Work will start UPON APPROVAL	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	32.4#	224'	250	SURFACE
11"	8-5/8"	32, 36#	2906'	2000	SURFACE
7-7/8"	5-1/2"	15.5, 17#	7555'	500	5200'

We propose to abandon the Hare Simpson & recompleate to the Wantz Abo.

1. Pull production equipment.
2. Set cmt retainer @ 7350'.
3. Sqz Hare Simpson perf's 7412' - 7516' w/100 sx Class "C" cmt + .3% Halad-9 followed by 100 sx Class "C" cmt w/2% CaCl₂. Spot 1 sx cmt on retainer.
4. Run base GR/Temp Survey from 7250' - 6850'.
5. Tag btm. Circ hole clean w/2% KCl wtr.
6. Perf Wantz Abo from 6907' - 7190' (1 JSPF, 74 holes).
7. Acidize Abo perf's 6907' - 7190' w/5000 gals 15% HCl-NEA.
8. Acid frac Abo perf's 6907' - 7190' w/30,000 gals 20% Titan XL Acid/5 w/30% CO₂ + 40 BS.
9. Install production equipment and return well to production.

4. 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.

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

Signed E. J. FORE Title SUPERVISOR REG. & PERMITTING Date OCTOBER 4, 1985

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector

TITLE

DATE

OCT 8 - 1985

CONDITIONS OF APPROVAL, IF ANY: