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P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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 ☐ DEEPEN ☒ PLUG BACK ☐ OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		8. Farm or Lease Name CHESHER	
2. Name of Operator SHELL WESTERN E&P INC. (4431 WCK)		9. Well No. 1	
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001		10. Field and Pool, or Wildcat WANTZ ABO	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>12</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPLA		12. County LEA	
19. Proposed Depth 7516' (PBDT)		19A. Formation Wantz-Abo	
21. Elevations (Show whether DF, KT, etc.) 3465' DF		20. Rotary or C.T. -----	
21A. Kind & Status Plug. Bond Blanket		22. Approx. Date Work will start Upon Approval	

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"	13-3/8"	48#	220'	250 sxs	circ. to surfac
11"	8-5/8"	32#	3256'	2100 sxs	circ. to surfac
7-7/8"	5-1/3" liner	-----	3022' - 6919'	750 sxs	circ. to surfac

WE PROPOSE TO SQUEEZE THE GLORIETA AND BLINEBRY AND RECOMPLETE TO THE WANTZ ABO AS FOLLOWS:

- 1) CO tp 5710' (old PBDT).
- 2) Sqz Glorieta 5320' - 5340' w/ 50 sxs class "C" cmt + .3% Halad-9 followed by 25 sxs class "C" cmt + 2% CaCl₂ using pkr set @ 5200'.
- 3) DO through CIBP @ 5710' to 5973'.
- 4) Sqz Blinebry 5750' - 5950' w/ 100 sxs class "C" cmt + .3% Halad-9 followed by 100 sxs class "C" cmt + 2% CaCl₂ using pkr set @ 5650'.
- 5) DO cmt to 7516' (new PBDT).
- 6) Run base GR/Temp log from 6800' - 7516'.
- 7) AT Wantz Abo 6916' - 7516' (OH) w/ 10,000 gals 28% HCl + 750# rock salt.
- 8) Run post GR/Temp log from 6800' - 7695' (TD).
- 9) RIH w/ prod equip and place well on production.

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 A. J. FORE Title SUPERVISOR REG. & PERMITTING Date JAN 9 1989ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISORAPPROVED BY _____ TITLE _____ DATE JAN 16 1989

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Plugged & Abandoned
WORKOVER

APR 11 1989

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JAN 13 1989

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