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5A. Indicate Type of Lease
STATE ☐ REC ☒
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 TURNER	
2. Name of Operator SHELL WESTERN E&P INC.		9. Well No. 4	
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)		10. Field and Pool, or Wildcat WANTZ ABO	
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE SOUTH LINE AND 330 FEET FROM THE WEST LINE OF SEC. 22 TWP. 21S RGE. 37E NMPM		12. County LEA	
19. Proposed Depth 7890' (TD)		19A. Formation WANTZ ABO	
20. Rotary or C.T. ROTARY		21. Elevations (Show whether DF, KT, etc.) 3436' DF	
21A. Kind & Status Plug. Bond BLANKET		21B. Drilling Contractor WORKOVER RIG	
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"	32.4#	226'	300	SURF
11"	8-5/8"	32#	2859'	1630	SURF
7-7/8"	5-1/2"	15.5; 17#	7790'	600 -	5130'*

*TEMP SURVEY

WE PROPOSE TO PB THE HARE SIMPSON & RECOMPLETE TO THE WANTZ ABO AS FOLLOWS:

1. POH w/prod equip.
2. Spot 4 sx cmt on RBP @ 7280'.
3. Perf Wantz Abo 7129' - 7177' (1 JSPF).
4. Spot 250 gals 20% HCl across Abo perfs.
5. Acdz perfs 7129' - 7177' w/4000 gals 20% HCl + 400# rock salt.
6. Flow back until well dies. Install prod equip & return well to prod for zone tst.
7. POH w/prod equip.
8. Perf Abo 6879' - 7086' (1 JSPF).
9. Acdz perfs 6879' - 7177' w/7500 gals 20% HCl + 1000# rock salt.
10. Flow back until well dies. Install prod equip & return well to prod.

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.

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

Signed A. J. Fore A. J. FORE Title SUPERVISOR REG. & PERMITTING Date 12-8-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE DEC 11 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway
within