

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 b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			7. Unit Agreement Name		
2. Name of Operator SHELL WESTERN E&P INC.			8. Farm or Lease Name STATE SECTION 15		
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)			9. Well No. 4		
4. Location of Well UNIT LETTER H LOCATED 2310 FEET FROM THE NORTH LINE AND 990 FEET FROM THE EAST LINE OF SEC. 15 TWP. 21S RGE. 37E NMPM			10. Field and Pool, or Wildcat WANTZ ABO		
11. Elevations (Show whether DF, RT, etc.) 3431' DF			19. Proposed Depth 7567' (TD)		19A. Formation WANTZ ABO
21A. Kind & Status Plug. Bond BLANKET		21B. Drilling Contractor WORKOVER RIG		20. Rotary or C.T. ROTARY	
22. Approx. Date Work will start UPON APPROVAL			12. County LEA		

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#	241'	250	SURF
11"	8-5/8"	32#	2933'	1800	SURF
7-7/8"	5-1/2" LNR	15.5, 17#	2690' - 7567'	840	1264'

WE PROPOSE TO SQZ THE DRINKARD AND RECOMPLETE TO THE WANTZ ABO AS FOLLOWS:

1. Pres tst CIBP @ 7350' to 500#.
2. Set pkr @ 6350'.
3. Sqz Drinkard perfs 6397' - 6663' w/100 sx CIs "C" cmt + .3% Halad-9 followed by 50 sx CIs "C" cmt + 2% CaCl₂. WOC 24 hrs.
4. DO cmt to 6680'. Pres tst sqz to 500#. DO to 7350'.
5. Run GR/CNL/CCL from PBTD to 6500'.
6. Perf Wantz Abo (1 JSPF) per log eval.
7. TIH w/pkr & RBP. Acdz Wantz Abo perfs. (Treatment sch to be dsngnd after log eval)
8. POH w/pkr & RBP.
9. 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.

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 1-14-88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

JAN 19 1988

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WORLD PRESS
JAN 10 1988
NEW YORK