

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form C-101
Revised 10-1-78

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

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

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 DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well 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 LIVINGSTON
2. Name of Operator SHELL WESTERN E&P INC.		9. Well No. 6
3. Address of Operator P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)		10. Field and Pool, or Wildcat BLINEBRY OIL & GAS
4. Location of Well UNIT LETTER S LOCATED 1980 FEET FROM THE SOUTH LINE AND 2308 FEET FROM THE WEST LINE OF SEC. 3 TWP. 21S RGE. 37E NMPM		12. County LEA
19. Proposed Depth 8230' (TD)		19A. Formation WANTZ ABO
20. Rotary or C.T. ROTARY		
21. Elevations (Show whether DF, RT, etc.) 3450' 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
17-1/4"	13-3/8"	32.4#	222'	250	SURF
11"	8-5/8"	28.55, 32#	3147'	2200	SURF
7-7/8"	5-1/2" LNR	15.5, 17#	2944' - 8228'	895	

WE PROPOSE TO SQUEEZE THE BLINEBRY & RECOMPLETE (RE-OPEN) THE WANTZ ABO AS FOLLOWS:

1. Pull prod equip.
2. Set cmt ret @ $\pm 5500'$.
3. Sqz Blinebry perfs 5575' - 5975' w/100 sx Cls "C" cmt + 0.3% Halad-9 followed by 100 sx Cls "C" cmt + 2% CaCl₂. WOC 24 hrs.
4. DO cmt (& cmt ret @ $\pm 5500'$). Pres tst sqz to 500#.
5. DO CIBP's @ 6100' & 6320'. Push remains to new PBD ($\pm 7077'$).
6. Spot 20% HCl over Wantz Abo perfs 6980' - 7065'.
7. Run base GR/temp survey from PBD to $\pm 6900'$.
8. Acdz perfs 6980' - 7065' w/7500 gals 20% HCl-NEA + 2000# rock salt.
9. Run GR/temp survey from PBD to 6900'.
10. Flow back thru 8/64" choke until well dies.

(CONTINUED ON REVERSE SIDE)

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 APRIL 6, 1987
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE DATE APR 15 1987

CONDITIONS OF APPROVAL, IF ANY:

11. Install prod equip & pmp tst until rates stabilize.
12. Pull prod equip.
13. Acid frac perfs 6980' - 7065' w/30,000 gals 20% HCl + 32,500 gals viscous fluid + 12,000 gals non-viscous fluid.
14. SI well a minimum of 48 hrs.
15. Flow thru 8/64" choke until well dies.
16. Install prod equip and return well to prod.

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FIELD OFFICE