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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
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 checked="" type="checkbox"/> Directional DEEPEN <input type="checkbox"/> PLUG BACK <input 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"/>			North Hobbs (GB/SA) Unit		
2. Name of Operator			8. Farm or Lease Name		
Shell Western E & P Inc.			Sec. 28		
3. Address of Operator			9. Well No.		
P. O. Box 576 Houston, Texas 77001			342		
4. Location of Well			10. Field and Pool, or Wildcat		
UNIT LETTER B LOCATED 202 FEET FROM THE NORTH LINE			Hobbs GB/SA		
AND 1764 FEET FROM THE East LINE OF SEC. 33 TWP. 18S RGE. 38E NMPM					
			12. County		
			Lea		
19. Proposed Depth		19A. Formation		20. Rotary or C.T.	
4400'		GB/SA		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
3641.1' GR		Blanket		Norton Drilling Co.	
				22. Approx. Date Work will start	
				June 20, 1987	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	32.3 & 36#	± 1625'	1400 *	Surface
8 3/4"	7"	20 & 23#	± 4400'	1350 **	Surface

Directional well: BHL Unit Letter "O" 950' FSL & 1650' FEL, Sec. 28-18S-38E

* Lead in w/1200 sxs 50-50 Poz "C" + 6% gel + 3# salt
Tail in w/200 sxs Class "C" + 2% Cacl2

** Lead in w/1000 sxs 50-50 Poz "A" + 6% gel + 3% salt
Tail in w/350 sxs Densified Class "C"

BOP Program: 3000# Ram Preventer

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 A. J. Fore Title Supv. Reg. & Permits Date MAY 27, 1987

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE JUN 18 1987

CONDITIONS OF APPROVAL, IF ANY:

DD 14 amended 6/12/87

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.