

20-025-30144

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG - 3362
7. Unit Agreement Name
8. Farm or Lease Name Lovington Deep State
9. Well No. 2
10. Field and Pool, or Wildcat Undesignated, Upper Penn
12. County Lea
19. Proposed Depth 11,100'
19A. Formation Upper Penn
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3929'
21A. Kind & Status Plug. Bond Active Blanket
21B. Drilling Contractor Unknown
22. Approx. Date Work will start 3rd week in Sept.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. Name of Operator Mobil Producing TX. & N.M. Inc. 3. Address of Operator c/o Mobil Exploration & Producing U.S. Inc. P. O. Box 633, Midland, Texas 79702 4. Location of Well UNIT LETTER I LOCATED 660 FEET FROM THE East LINE AND 1830' FEET FROM THE South LINE OF SEC. 1 TWP. 17-S RGE. 35E NMPM	DEEPEEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
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#	0- 450'	(1) 450	Surface
12-1/4	8-5/8	32#	0-5200'	(2) 2400	Surface
7-7/8	5-1/2Liner	15.5# & 17#	4900'-11,000'	(3) 1210	4900'

CEMENT PROGRAM

- (1) Class "C" + CaCl<sub>2</sub>  
(2) Lead 2200 sxs. Class "C" + 120 SCF N<sub>2</sub>/bbl  
Tail 200 sxs. Class "C" neat  
(3) Lead 1000 sxs. H + Poz "A"  
Tail - Class "H"

LOGGING PROGRAM

	INTERVAL
GR/DIL, GR/DLL/MLL	5200-2000, 11000-5200
GR/CNL/Lithodensity	5200-Surf, 11000-5200
GR/Sonic	5200-2000, 11000-5200
Dipmeter	11000-9000

LOWOUT PREVENTER PROGRAM

ASING	SIZE	DEPTH	MIN BOP	MIN RATING	MIN ARR
ECT					
rf	13-3/8	450	13 5/8	3M	SRR
tr	8-5/8	5200	9	3M	SRRA

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

Signature: M. E. Sweeney Title: Manager Environmental and Regulatory Date: 9-8-87

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

Mobil Producing Texas & New Mexico Inc.  
acting by and through its agent  
Mobil Exploration & Producing U.S. Inc.

APPROVED BY DISTRICT I SUPERVISOR

TITLE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway

SEP 10 1987

RECEIVED  
SEP 9 1987  
OCD  
HOBBS OFFICE