

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

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Form C-101
Revised 10-1-78

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

"TIGHT HOLE RE-ENTRY"

OCT 11 '88

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

V-2627

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

O. C. D.

ARTESIA, OFFICE

1a. Type of Work	
DRILL <input checked="" type="checkbox"/> Re-entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well	
OIL WELL <input type="checkbox"/>	CAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	
Great Western Drilling Company	
3. Address of Operator	
P.O. Box 1659, Midland, TX 79702	
4. Location of Well	
UNIT LETTER N	LOCATED 660 FEET FROM THE South LINE
AND 2,030 FEET FROM THE West	LINE OF SEC. 32 TWP. 23-S RGE. 25-E NMPW
5. Elevations (show whether DF, RT, etc.)	
3,823.9' GR	
21A. Kind & Status Plug. Bond	
Blanket	
21B. Drilling Contractor	
Not available	
19. Proposed Depth	
10,000	
19A. Formation	
Strawn	
20. Rotary or C.T.	
Rotary	
22. Approx. Date Work will start	
October 17, 1988	

7. Unit Agreement Name

8. Farm or Lease Name Mosley
Spring "32", State Com

9. Well No.

2

10. Field and Pool, or Wildcat

Dark Canyon

12. County

Eddy

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#	400'	700	Circ.
12-1/4"	9-5/8"	36#	3,050' (2,895 Sxs+4 yds		Circ.
				Redi-Mix)	
8-1/2"	4-1/2"	11.6#	10,000'	965	6,395'

Well Data: T.D. 11,175', 13-3/8" Csg & 9-5/8" Csg as above. P&A Data: 50Sxs @ 11,170', 50 Sxs @ 10,200', 50 Sxs @ 9,250', 50 Sxs @ 8,317', 50 Sxs @ 6,240', 50 Sxs @ 5,300', 50 Sxs @ 3,050', 50 Sxs @ 450' & 15 Sxs @ surface.

Proposed Re-entry Procedure:

- 1) Install wellhead
- 2) Install BOP: 5,000 psi Hydraulic double 10"x5,000 psi with accumulator closing unit. Manifold 4"x5,000 psi flanged connections, 1-positive & 1-adjustable choke. One Hydril 10"x3,000 psi.
- 3) Drill out plugs to 10,000'.
- 4) Test Strawn
- 5) If productive, run 4 1/2" csg, 11.6#/ft., N-80 & K-55, LT&C & ST&C Csg.
- 6) Perforate & complete well, take potential.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/11/89
UNLESS DRILLING UNDERWAY

FORMERLY: ENRON OIL & GAS Co.
MOSLEY SPRING 32 ST COM #1
TO 11,175 P&A 7/80

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 M.B. Williams Title Ass't. to Gen. Supt. Date 10-7-88

(This space for State Use)

Original Signed By

Mike Williams

TITLE

DATE

OCT 14 1988

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

POST 10-1
NL
10-21-88