

Submit to Appropriate
District Office
State Lease - 6 copies
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State of New Mexico

Energy, N

OPER. OGRID NO. 6473OIL C PROPERTY NO. 5035Sa POOL CODE 76480EFF. DATE 1/26/96API NO. 30-025-05904DISTRICT I
P.O. Box 1980, Hobbs, NM 88240DISTRICT II
P.O. Drawer DD, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410API NO. (assigned by OCD on New Wells)
30-025-059045. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL RE-ENTER DEEPEN PLUG BACK

b. Type of Well:

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

7. Lease Name or Unit Agreement Name

Britt Laughlin "Com"

2. Name of Operator

Doyle Hartman

8. Well No.

8*

3. Address of Operator

500 N. Main Street; Midland, Texas 79701

9. Pool name or Wildcat

Eumont 4-SR-DN

4. Well Location

Unit Letter J : 1980 Feet From The South Line and 1980 Feet From The East LineSection 5 Township 20S Range 37E NMPM Lea County

10. Proposed Depth

Approx. 3625'

11. Formation

Grayburg DN

12. Rotary or C.T.

W.O. Unit

13. Elevations (Show whether DF, RT, GR, etc.)

3562' G.L.

14. Kind & Status Plug. Bond

Multi-well

15. Drilling Contractor

Clarke-ABC

16. Approx. Date Work will start

1-20-96

17. Existing ~~PROPOSED~~ CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 3/4"	12 1/2"	40	256'	150	Circulated
11 3/4"	9 5/8"	36	2447'	400	1463
8 3/4"	7"	24	3750'	150+	Circulated **

In order to maximize recovery of underlying Eumont (Queen) gas reserves by moving away from offset out-of-zone water invasion, we propose the following:

1. Dig out around wellhead and inspect casing strings.
2. Tie 7" OD casing back to surface and install B & M Oil Tool 7" x 2-3/8" x 3" Type-MR tubinghead.
3. Install 3000 - psi BOP.
4. Drill out single 10-sx (60') surface plug and circulate hole clean from 0' to 3555'.
5. Pressure test existing 7" OD, 24 lb/ft casing.
6. If casing tests okay, drill cement from 3555' - 3575' and CIBP at 3575' and clean out hole to top of packer stuck at 3625'.
7. Set 7" EZ-Drill SV retainer above packer, establish pump-in rate into retainer, and squeeze cement perfs 3652' - 3686'.
8. Pressure test wellbore from surface to top of retainer.
9. Log well with DSS-CNL-GR-CCL cased-hole porosity log and cement bond log.
10. As warranted by logging results and casing integrity test, perforate and acidize Eumont (Queen) pay and test well.
11. Otherwise, plug and abandon well utilizing cement plugs placed at depths to be prescribed by NMOCD.

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.

SIGNATURE

TITLE

Operator-Part Owner

DATE

01/19/96

TYPE OR PRINT NAME

Doyle Hartman

TELEPHONE NO. 915-684-4011

(This space for State Use)

ORIGINAL SIGNED BY
GARY WINK
FIELD REP. II

JAN 26 1996

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

* Formerly Laughlin #1

**8/21/54 to 8/29/54 - Cement circulated in 9-5/8" x 7" annulus.

Re-entry