

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

SEP 2 1982

O. C. D.
ARTESIA, OFFICE

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work: DRILL DEEPEN PLUG BACK

2. Type of Well: OIL WELL GAS WELL OTHER

3. Name of Operator: HARPER OIL COMPANY

4. Address of Operator: 904 Hightower Bldg. Oklahoma City, Oklahoma 73102

5. Location of Well: UNIT LETTER M LOCATED 660 FEET FROM THE South LINE 660 FEET FROM THE West LINE OF SEC. 2 TWP. 5S RGE. 27E

6. Name of Well: Wildcat-Montoya

7. Unit Agreement Name: _____

8. Farm or Lease Name: Gainer

9. Well No.: 1

10. Field and Pool, or Wildcat: Wildcat-Montoya

11. County: Chaves

12. Proposed Depth: 7200'±

13. Formation: Montoya

14. History of C.T.: Rotary

15. Elevations (Show whether DT, HT, etc.): 3971.6' GR

16. Kind & Status Plug. Bond: Blanket

17. Drilling Contractor: Wharton

18. Approx. Date Work will start: Sept. 20, 1982

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#	100'± 625'	400 sx	Circulate
12 1/4"	8 5/8"	24.0#	1800'±	900 sx	Circulate
7 7/8"	5 1/2"	15.5#	T.D.	1300 sx	5000'±

Plans are to drill to the base of the Montoya formation and test for possible commercial production and possibly test intermediate zones of interest.

BOP: Will consist of a double-ram blowout preventer rated to at least 3000 psi working pressure.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-21-83
UNLESS DRILLING UNDERWAY

Post FD-1
10-22-82
API + RW

BELOW 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.

By Jerry W. Franklin Title Agent Date 9/01/82

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE OCT 20 1982

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the 13 3/8 casing

