

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1030

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-029410-B
2. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. NAME OF OPERATOR HARVEY E. YATES COMPANY		7. UNIT AGREEMENT NAME PEARSALL 6 FED. COM.
4. ADDRESS AND TELEPHONE NO. P.O. BOX 1933, ROSWELL, NEW MEXICO 88202 505-623-6601		8. FARM OR LEASE NAME, WELL NO. #1
5. LOCATION OF WELL (REPORT LOCATION CLEARLY AND IN ACCORDANCE WITH ANY STATE REQUIREMENTS) AT SURFACE 1830' FNL & 1980' FVL		9. API WELL NO. 30-025-35680
6. AT PROPOSED PROD. ZONE SAME F		10. FIELD AND POOL, OR WILDCAT WILDCAT 'Morrow'
7. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 15 MILES SOUTH OF MALJAMAR, NM		11. SEC., T., R., M., OR BLK AND SURVEY OR AREA SEC 6, T18S, R32E
8. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'		12. COUNTY OR PARISH LEA
9. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		13. STATE NM
10. ELEVATIONS (Show whether DF, RT, GR, etc.) 3833		

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'	15. NO. OF ACRES IN LEASE 320	16. NO. OF ACRES ASSIGNED TO THIS WELL 320
17. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A	18. PROPOSED DEPTH 12,800'	19. ROTARY OR CABLE TOOLS ROTARY
20. ELEVATIONS (Show whether DF, RT, GR, etc.) 3833		21. APPROX. DATE WORK WILL START 1-Oct-01

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WT PER FT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8" H-40	48# ST&C 8RD	400' (See Exhibit "G")	425 SX "C" w/ 2% CACL & 1/4# FLOSEAL
12 1/4"	8 5/8" J-55	32# ST&C 8RD	3100'	200 SX "C" w/ 2% CACL & 1/4# FLOSEAL 1200 SX FILLER "
7 7/8"	5 1/2" N-80 & P-110	17# LT&C 8RD	12800'	1100 SX LEAD & 400 SX TAIL "
(SEE EXHIBIT "E")				

ALL CASING WILL BE NEW, OR USED MEETING BLM SPECS.  
CEMENT WILL BE CIRCULATED ON 13 3/8" AND 8 5/8" CASING.  
CEMENT QUANTITIES AND ADDITIVES ARE SUBJECT TO CHANGE DUE TO HOLE CONDITIONS.  
\* FILLER CEMENT 35/65 "C" POZ w/ 6% GEL, 5# SALT, & 1/4# FLOSEAL  
\* LEAD: 1100 SX "H" POZ w/ 2% GEL & 5# SALT PER SACK  
TAIL: 500 SX "H" w/ 3% KCL, .5% FLUID LOSS, .3% DISPERSANT, 1% BONDING AGENT, .3% RETARDER, & .2% SODIUM METASILICATE PER SACK

PROPOSED MUD PROGRAM	
0-400	FRESH WATER w/ PAPER & EZ MUD. MW 9.0-9.6 VIS 36-40
400-3100	BRINE WATER w/ PAPER & EZ MUD. MW 10.0-10.4 VIS 29-31
3100-9200	FRESH WATER w/ PAPER, EZ MUD, & AMMONIA NITRATE. 18-20,000 CHLORIDES. MW 8.6-8.8 VIS-29
9200-12,800	MUD UP WITH BARAZAN D & DEXTRID, 60-80,000 CHLORIDES MW 9.4-9.8 VIS 34-36

MUD PROGRAM SUBJECT TO CHANGE DUE TO HOLE CONDITIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bob Williams Bob Williams TITLE Drilling Superintendent DATE 7/5/01

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPLICATION APPROVAL DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE SUBJECT LEASE WHICH WOULD ENTITLE THE APPLICANT TO CONDUCT OPERATIONS THEREON.  
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY /s/ Mary J. Rugwell FIELD MANAGER DATE AUG 27 2001

TITLE 18 U.S.C. SECTION 1001, MAKES IT A CRIME FOR ANY PERSONS KNOWINGLY AND WILLFULLY TO MAKE TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES ANY FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR REPRESENTATIONS AS TO ANY MATTER WITHIN ITS JURISDICTION

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

APPROVAL FOR 1 YEAR  
OPER. OGRID NO. 010179  
PROPERTY NO. 28804  
POOL CODE \_\_\_\_\_  
EFF. DATE 8-29-01  
API NO. 30-025-35680

RECEIVED  
2001 JUL -5 PM 12:08  
BUREAU OF LAND MANAGEMENT  
ROSWELL OFFICE

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