

(July 1992)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Oil & Gas Div. Dist. 2
1301 W. Grand Avenue
Alamosa, NM 88210

(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>			7. UNIT AGREEMENT NAME _____		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. NAME OF LEASE NAME, WELL NO. CORLEY FEDERAL # 3		
2. NAME OF OPERATOR UNIT PETROLEUM COMPANY KELLY RYAN (918-477-4512)			9. API WELL NO. 30-015-32403		
3. ADDRESS AND TELEPHONE NO. P.O. BOX 702500 TULSA, OKLAHOMA 74170 (918-493-7700)			10. FIELD AND POOL, OR WILDCAT DUBLIN RANCH-MORROW GAS		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1650' FNL & 810' FEL SEC. 28 T22S-R28E EDDY CO. NM At proposed prod. zone SAME			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 28 T22S-R28E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approximately 12 miles Southeast of Carlsbad New Mexico			12. COUNTY OR PARISH EDDY CO.		
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 810'			13. STATE NEW MEXICO		
18. NO. OF ACRES IN LEASE 400			17. NO. OF ACRES ASSIGNED TO THIS WELL 320		
19. PROPOSED DEPTH 12,750'			20. ROTARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3063' GR. Carlsbad Controlled Water Basin			22. APPROX. DATE WORK WILL START WHEN APPROVED _____		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	H-40 13 3/8"	48	400'	365 Sx. circulate cement TS
12 1/4"	J-55 9 5/8"	36	2650'	580 Sx. " " "
8 3/4"	HCP-110 7 5/8"	29.7 & 26.4	11,100'	200 Sx.
6 1/2"	HCP-110 4 1/2"	11.6	10,800-12,750	310 Sx.

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17 1/2" hole to 400'. Run and set 400' of 13 3/8" 48# H-40 ST&C casing. Cement with 365 Sx. of Class "C" cement + 2% CaCl₂ + 1/4# Flocele/Sx. Circulate cement to surface.
3. Drill 12 1/4" hole to 2650'. Run and set 2650' of 9 5/8" 36# J-55 ST&C casing. Cement with 580 Sx. of Class "C" cement + 2% CaCl₂ + 1/4# Flocele/Sx. Circulate cement to surface.
4. Drill 8 3/4" hole to 11,100'. Run and set 7 5/8" casing as follows: 2700' of 7 5/8" 29.7# HCP-110 LT&C, 8400' of 7 5/8" 26.4# HCP LT&C casing. Cement with 200 Sx. of Class "H" cement + additives.
5. Drill 6 1/2" hole to 12,750'. Run and set 4 1/2" liner from 12,750' back to 10,800'. 1950' of 4 1/2" 11.6# HCP-110 LT&C Liner. Cement with 310 Sx. of Class "H" cement.

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL stipulations
ATTACHED**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on 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. *Joe T. Jauca* SIGNED _____ TITLE Agent DATE 07/12/02

(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 TITLE FIELD MANAGER DATE AUG 02 2002

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR