

AMERICAN OIL & GAS COMMISSION
Drawn by DD
Artesia, N.M. 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL E*
(Other instructions on reverse side)

30-015-26394
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Pacific Enterprises Oil Co. (USA) ✓

3. ADDRESS OF OPERATOR
P. O. Box 3083, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1980' FNL & 660' FWL
At proposed prod. zone
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8.1 miles southwest of Carlsbad, NM

13. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
660'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
4060'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3358.5' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17-1/2"	13-3/8"	48	600'
12-1/4"	8-5/8"	32	2800'
7-7/8"	5-1/2"	17 & 20	12,000'

5. LEASE DESIGNATION AND SERIAL NO.
USA Lease #0540294-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
PEOC Federal Comm 21

9. WELL NO.
1

10. FIELD AND FOOT OF WELL
*Morrow
Frontier Hills/Carlsbad,

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
South

Sec 21, T23S, R26E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
320

20. ROTARY OR CABLE TOOLS
rotary

22. APPROX. DATE WORK WILL START*
June 10, 1990

Pacific Enterprises Oil Co. (USA) proposes to drill and test the Morrow formation and other possible intermediate pay zones. Approximately 600' of 13-3/8" surface casing will be set and cemented to surface. Additionally, an intermediate casing string of 2800' of 8-5/8" casing will be set and cemented to surface. If commercial pay is encountered, 5-1/2" production casing will be run to TD.

Mud Program: 0-600': Fresh Water Spud Mud
600-10,400': Cut brine with LCM as needed. 28-30 Visc. No W/L control

10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less
BOP Program: 5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.

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. 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 Randy L. Gates TITLE Operations Engineer DATE 5-22-90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 6-7-90

CONDITIONS APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side