

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC 055546
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Water Supply <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Union Texas Petroleum Corp. ATTN: Ken White		7. UNIT AGREEMENT NAME Langlie Jal Unit
3. ADDRESS OF OPERATOR P. O. Box 2120, Houston, Texas 77252		8. FARM OR LEASE NAME WSW
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2900' FSL & 750' FEL At proposed prod. zone Capitan Reef		9. WELL NO. WSW-1R 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4-miles N. of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT Langlie Mattix
16. NO. OF ACRES IN LEASE 3748.06 Acres in Unit		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5-25S-37E
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		12. COUNTY OR PARISH Lea
18. STATE NM		13. STATE
19. PROPOSED DEPTH 4900'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, ET, GR, etc.) 3226.2 GL		22. APPROX. DATE WORK WILL START* 9-1-90

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	800'	842sx CIRCULATE
12-1/4"	8-5/8"	32#	3700'	1100sx (see slips)

We propose to drill to 4900' according to the eight point drilling plan and surface use plan that is attached.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED
**Subject to
Like Approval
by State**

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 Ken White TITLE REG PERMIT COORD DATE 8-7/90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ AREA MANAGER
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE CARLSBAD RESOURCE AREA DATE 9-08-90

*See Instructions On Reverse Side