

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLI
Other instructions on
reverse side

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

SHELL WESTERN E&P INC.

3. ADDRESS OF OPERATOR

P. O. BOX 991, HOUSTON, TEXAS 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1980' FSL, 1730' FEL

At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

11 MILES SOUTH OF MALJAMAR

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1730'

(Also to nearest drlg. unit line, if any) 1730'

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

250

16. NO. OF TUBES IN LEASE

320

19. MAXIMUM DEPTH

13,150'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

ROTARY

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

3664.7' GR, 3680' KB

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23.

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#	410'	400 SX CLASS C
11", 10-5/8"	8-5/8"	32#, 24#	4515'	1500 SX LITE, 200 SX CLASS C
7-7/8"	5-1/2"	15.5, 17, 20#	13,150'	225 SX LITE, 800 SX CLASS H

PRESENT PRODUCTIVE ZONE: Lusk Morrow North (Gas) - 12,781' to 12,892'.

PROPOSAL

1. Plug back Morrow perforations by setting a CIBP @ $\pm 12,650'$ and capping w/5 sx cement. Test CIBP to 2000 psi.
2. Spot 200 gals 7-1/2% NEA @ 10,750'.
3. Perforate Wolfcamp thru tbg over intervals 10,578' to 10,594' and 10,702' to 10,706'.
4. Acidize Wolfcamp w/4000 gals 7-1/2" NEA.
5. Install production equipment and flow test well.

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 A. J. FORE

TITLE SUPV. REG. & PERMITTING

DATE JULY 9, 1984

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY P. E.
CONDITIONS OF APPROVAL, IF ANY:

TITLE P.E.

DATE 7/12/84

*See Instructions On Reverse Side

RECEIVED

JUL 17 1984

U.S. DEPT. OF JUSTICE
HOMELAND SECURITY