

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

PHASE DESIGNATION AND SERIAL NO.

MMM 64585

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

BHP Federal

WELL NO.

1

FIELD AND POOL, OR WILDCAT
Und. Indian Draw

Cherry Canyon

SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 13, T-22-S,
R-27-E

COUNTY OR
PARISH
Eddy

STATE
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other

2. NAME OF OPERATOR

Great Western Drilling Company

3. ADDRESS OF OPERATOR

P.O. Box 1659, Midland, TX 79702

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

At surface 1,650' FNL & 330' FEL, Sec. 13, T-22-S, R-27-E

At top prod. interval reported below Same

At total depth
Same

14. PERMIT NO. 30-015-263571
DATE ISSUED 04-30-90

15. DATE SPUDDED 7-19-90 16. DATE T.D. REACHED 8-2-90 17. DATE COMPL. (Ready to prod.) P&A 8-25-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 3,089.4', (3,094.9' KB) 19. ELEV. CASINGHEAD 3,088.4'

20. TOTAL DEPTH, MD & TVD 3,375' 21. PLUG, BACK T.D., MD & TVD 3,299' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 10-3,375' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Perforations: 3,196'-3,204' (2SPF, 16 holes) Cherry Canyon

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sonic & Dual Laterolog

27. WAS WELL CORED
no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	424.92' KBM	12-1/4"	400 Sxs. Class "C"	Cmt. Circ.
4-1/2"	11.6#	3,373.20' KBM	7-7/8"	650 Sxs. H-Lite + 250 Sxs. Poz-Mix "A"	T-Cmt. 420' Temp. Surv.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Perf.: 3,196'-3,204' (2 SPF, 16 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3,196'-3,204'	Acidized w/1,500 gals. 7 1/2% acid + 32-7/8" ball sealers. Fraced with 72,420 lbs. 12-20 mesh sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
-----------------------	--	------------------------------------

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY 9-28-90 PJA

35. LIST OF ATTACHMENTS

2 Sets of logs & Inclination report.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

W. B. W.

TITLE

Asst. to Gen. Supt.

DATE 09-17-90

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Quaternary A.	0	410'	Soil, alluvial gravels	Salado	410'	
Salado	410'	1,953'	Salt, evaporites	Castile	1,953'	
Castile	1,953'	2,219'	Anhydrite	Lamar	2,219'	
Lamar	2,219'	2,295'	Limestone, shale	Bell Canyon	2,295'	
Bell Canyon	2,295'	3,125'	Sandstone, Limestone	Cherry Canyon	3,125'	
Cherry Canyon	3,125'		Sandstone, Limestone			
Cherry Canyon	3,195'	3,205'	Sandstone, water w/show of oil			
Pay Zone						

38.