

COMMISSION

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM-0400877

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

HONDO FEDERAL

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

E. CATCLAW DRAW (DELAWARE)

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

SEC. 9, T21S; R26E

12. COUNTY OR PARISH

EDDY

13. STATE

NM

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

CHI OPERATING, INC. ✓

3. ADDRESS OF OPERATOR

P. O. BOX 1799, MIDLAND, TEXAS 79702

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

At surface

2310' FNL & 2160' FEL

SW/4 NE/4 G

At top prod. interval reported below

At total depth

SAME

SAME

14. PERMIT NO.

DATE ISSUED

12/18/91

15. DATE SPUDDED

1/7/91

16. DATE T.D. REACHED

1/19/91

17. DATE COMPL. (Ready to prod.)

1/27/91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3232' GR

19. ELEV. CASINGHEAD

3233'

20. TOTAL DEPTH, MD & TVD

4150'

21. PLUG, BACK T.D., MD & TVD

4135'

22. IF MULTIPLE COMPL., HOW MANY*

NO

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

2999' to 3133'

DELAWARE

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN/LDT; DLL

27. WAS WELL CORRED

NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	350'	17 1/2"	370 sk + 350 sk 1"	NONE
8 5/8"	24#	1270'	12 1/4"	1130 sk Class C	NONE
5 1/2"	15.50#	4150'	7 7/8"	500 sk Class C	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2925'	NA

31. PERFORATION RECORD (Interval, size and number)

2999' to 3133' - 1 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2999 to 3133	1500 gal 15% Acid; 25,000 gal 45,000# sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2/1/91		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/5/91	24	32/64	→	88	225	105	2,557/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
125	435	→				41	

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

VENTED - SHOULD BE HOOKED UP BY 3/25/91

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED DAVID H. HARRISONTITLE PRESIDENTDATE 3/12/91

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

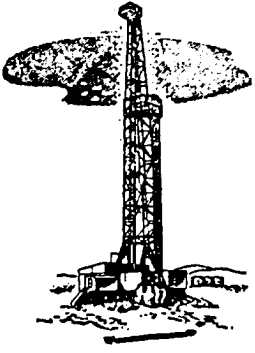
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
CAPTAN REEF		2035				
DELAWARE SAND	2035	4087	SILTY, FINE GRAINED SAND & DOLOMITE			
BONE SPRINGS	4087		LIMESTONE			



L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 470 / ARTESIA, NEW MEXICO 88210

JUN 25 1991

O. C. D.
ARTESIA OFFICE

Jan. 22, 1991

Chi Operating
PO Box 1799
Midland, TX 79702

Re: Hondo Federal #3
2310' FNL & 2160' FEL
Sec. 9, T21S, R26E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
350'	1/2°
849'	1°
1340'	1°
1726'	2°
2153'	1°
2691'	1°
3218'	1 1/2°
3783'	1 3/4°
4150'	1 3/4°

Very truly yours,

C. E. LaRue
Vice President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this
22nd day of January, 1991.

NOTARY PUBLIC