

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-86540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

COLT FEDERAL

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT

OLD MILLMAN RANCH BONE SPRING

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

SEC. 4; T-20-S; R-28-E

12. COUNTY OR PARISH
EDDY

13. STATE
NEW MEXICO

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

CHI OPERATING, INC.

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1799, MIDLAND, TEXAS 79702 (915) 685-5001

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

At surface 990' FSL & 660' FEL

At top prod. interval reported below

At total depth 990' FSL & 660' FEL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1/25/93

16. DATE T.D. REACHED

2/13/93

17. DATE COMPL. (Ready to prod.)

4/04/93

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

327' GR

19. ELEV. CASINGHEAD

3279'

20. TOTAL DEPTH, MD & TVD

7430'

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

7363'

22. IF MULTIPLE COMPL., HOW MANY*

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

6177' - 6372' (15 HOLES). BONE SPRING 1ST SAND.

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/GR; CNL-LDT

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	404'	17 1/2"	430 SXS, CIRCULATED	N.A.
5 1/2"	15.5 # 17	7430'	7 7/8"	2180 SXS, 600' FS	N.A.

29. LINER RECORD

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

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

6177', 92; 6213, 20, 28, 42, 45, 68, 82, 92;
6305, 16, 34, 58, 72 (15 HOLES)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6177' - 6372'	2000 GALS 15% NE-PE ACID PEAC WITH 55,000 GALS X-LINK GEL ± 160,000 # 16/30 RC SAND

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/04/93		FLOWING					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/7/93	24	18/64"	→	177	2500	35	14,124 / 1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
1550 #	0	→ 177	2500	35	43			

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

SOLD

TEST WITNESSED BY

HOUSTON JUNEY

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

Mike Jegan

CARLSBAD, NEW

OPERATIONS MANAGER

DATE 4/16/93

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
BORE SPRING FIRST SAND	6171'	6372'	OIL, GAS, & WATER

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
DELAWARE	3168'	3168'
BORE SPRING	4606'	4606'
BORE SPRING	6172'	6172'
FIRST SAND		