

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOIL CONSERVATION DIV
SUBMIT IN DUPLICATE
811 S. 1st St.
(See other In-
formation on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

CLSF

5. LEASE DESIGNATION AND SERIAL NO.
NM-13232A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

FARM OR LEASE NAME, WELL NO.
Winchester Fed #49. API WELL NO.
30-015-2800110. FIELD AND POOL, OR WILDCAT
Old Millman
Bone Spring11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec. 3-T-20S-R-29E12. COUNTY OR
PARISH
Eddy13. STATE
NM1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Otherb. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Chi Operating, Inc. ✓

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1799, Midland, Texas 79702

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

At surface 600' FNL & 2000' FWD Sec. 3-T-20S-R-29E

At top prod. interval reported below same

At total depth same

DATE ISSUED

15. DATE SPUDDED 4-9-96 16. DATE T.D. REACHED 4-24-96 17. DATE COMPL. (Report to prod.) 5-15-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3279 GL 3291 KR 19. ELEV. CASINGHEAD 3270

20. TOTAL DEPTH, MD & TVD 6602 21. PLUG BACK T.D., MD & TVD 6550 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6218'-6377' Bone Spring First Sand 25. WAS DIRECTIONAL SURVEY MADE yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CNL/DLL/CAL

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"	48#	504'	17-1/2"	Surface	Post ID-2
4-1/2"	11.60#	5602'	7-7/8"	5700'	7-12-96
					comp

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6111'	6111'

31. PERFORATION RECORD (Interval, size and number)

6218'-6377', 14 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6218-6377	ACIDIZE w/ 2000 gals
	2 1/2 % HCL
	FRAC w/ 62000 gals AND
	196500 # 16/20 SAND

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/10/96		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/23/96	24	15/64	→	210	526	64	2504 SCF/B
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
800	0	→					

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

Sold

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

TITLE CARLSBAD, NEW MEXICO

DATE

5/24/96

*(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.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Brushy Canyon	3690	3690
Bone Spring	4332	4332

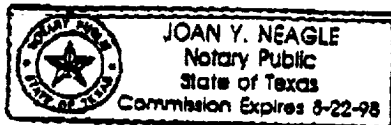
FIELD OLD MILLMAN Bone Spring COUNTY Eddy OCC NUMBER _____
OPERATOR Chi Operating, Inc. ADDRESS P. O. Box 1799, Midland, TX 79702
LEASE Winchester Federal WELL NO. 4
SURVEY Section 3, T-20-S, R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
500	1/4
966	1 1/4
1472	1
1388	1 1/4
2088	3/4
2350	1 1/4
2866	1 1/4
3361	1 1/2
3860	3 1/2
3983	3 1/4
4097	2 1/4
4291	2
4540	1 3/4
4990	1 3/4
5326	1 1/4
5793	1 1/2
5951	2
6450	1 1/4
6601	3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.



HONDO DRILLING COMPANY

BY: S. C. Thatch
Sam Thatch, Drilling Superintendent

Sworn and subscribed to before me the undersigned authority, on this the

25th day of April, 1996.

Joan Y. Neagle Notary Public in and for Midland County, TX.
Joan Y. Neagle

END