

(July 1992)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
 1001 W. Grand Avenue
 Artesia, NM 88210

OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.
NM93771 out of NM025503

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Shugart West "24" Fed. "B" #59. API WELL NO.
30-015-32130

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec 24-T18S-R30E**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. RESVR. ☐ 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 370' FNL & 1700' FEL

At top prod, interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

Eddy

NM

15. DATE SPUDDED
2/2/0316. DATE T.D. REACHED
2/25/0317. DATE COMPL. (Ready to prod.)
5/14/0318. ELEVATIONS (OF, RKB, RT, GE, ETC.)*
3640' GE19. ELEV. CASINGHEAD
3654'20. TOTAL DEPTH, MD, & TVD
8383'21. PLUG BACK TD, MD & TVD
8348'22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVAL
DRILLED BYROTARY TOOLS
Y

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AN TVD)*
2nd Bone Spring Carb25. WAS DIRECTIONAL
SURVEY MADE
YES26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-CAL-CNL, LDT, DDL, MSFL27. 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"-J-55	61	767	17 1/2"	800 sks circ to surface	
8 5/8"-J-55	32	2800	11"	800 sks circ to surface-120 sks	
5.5-J-55	17	8,383	7 7/8"	300 sks TOC- 6220'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	8310'	NA

31. PERFORATION RECORD (Interval, size and number)

8238-8244'-4SPF-90 deg.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8238-44'	650 gals 15% NeFe

33.* PRODUCTION RECORD (Flowing test, shut-in, size and type of pump)

DATE FIRST PRODUCTION	PRODUCTION METHOD	WELL STATUS (Producing or shut-in)
5/14/03	Flowing test, shut-in, size and type of pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
5/16/03	24			132	90	128	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
0	0						

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

Used for fuel

est. 6/1/03

TEST WITNESSED BY

S. Mann

35. LIST OF ATTACHMENTS

Survey

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

SIGNED

Robt G. Stew

TITLE

Regulatory Clerk

DATE

5/21/03

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Queen	3100'		
Delaware	4475'		
Brushy Canyon	5212'		
Bonespring Carb	5710'		
1st Bonespring Sand	7592'		
2nd Bonespring Sand	7955'		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Atoka	8500	same			
Morrow Clastics	8720	same			
Miss	8860'	same			

WELL NAME AND NUMBER Shugart West 24 Fed. B #5
LOCATION Section 24, T-18-S, R-30-E, Eddy County, New Mexico
OPERATOR Chi Energy Inc., 212 N. Main, Suite 200, Midland, Texas 79701
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P. O. Drawer 10970, Midland, TX 79702

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

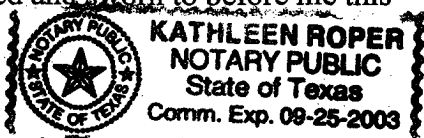
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.25 @ 211'	1.00 @ 3,320'	2.25 @ 5,785'	1.75 @ 7,158'
1.00 @ 450'	1.00 @ 3,445'	2.25 @ 5,889'	1.50 @ 7,346'
1.50 @ 534'	1.00 @ 3,601'	2.25 @ 5,973'	1.00 @ 7,534'
.75 @ 734'	1.25 @ 3,778'	2.00 @ 6,035'	1.25 @ 7,722'
.75 @ 936'	1.00 @ 3,976'	2.25 @ 6,127'	.75 @ 7,901'
.50 @ 1,185'	1.75 @ 4,349'	2.75 @ 6,220'	1.00 @ 8,163'
.50 @ 1,434'	2.00 @ 4,536'	2.25 @ 6,314'	.50 @ 8,375'
.50 @ 1,839'	2.00 @ 4,630'	2.50 @ 6,407'	
1.00 @ 1,994'	2.00 @ 4,754'	2.00 @ 6,501'	
.50 @ 2,150'	2.00 @ 4,911'	2.75 @ 6,595'	
1.00 @ 2,462'	2.00 @ 5,005'	2.75 @ 6,689'	
1.00 @ 2,649'	2.25 @ 5,061'	2.50 @ 6,782'	
.75 @ 2,800'	2.25 @ 5,317'	2.25 @ 6,908'	
.75 @ 2,949'	2.00 @ 5,474'	2.25 @ 6,970'	
1.25 @ 3,195'	2.00 @ 5,629'	2.25 @ 7,032'	



Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeffrey D. Phillips
Jeffrey D. Phillips, President

Subscribed and sworn to before me this 5th day of March 2003



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/03

Midland County, Texas