(July 1992)

UNITED STATES

SUBMIT IN DUPLICATE\*

FORM APPROVED

DEPARTMENT OF THE INTERIOR N.M. DIV-Dist. 2 **BUREAU OF LAND MANAGEMENT** 

1301 W. Grang

OMB NO. 1004-0137

truggions on	10 E	pires:	February	28, 19	995	
	5. LEAS	E DES	IGNATION	AND	SERIAL	NO.

Artesia, NM 88210 NM-0560353 WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WELL: GAS WELL WELL DRY 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: NEW WORK DEEP-**PLUG** DIFF. FARM OR LEASE NAME, WELL NO. 0) WELL OVER **BACK** RESVR. Landrush "12" Fed.Com. #2 Chi Operating, Inc. 2. NAME OF OPERATOR 170 API WELL NO. 3. ADDRESS AND TELEPHONE NO 10. FIELD AND POOL, OR WILDCAT (1) P.O. Box 17<u>99 Midland, Texas 797</u>02 0<sup>CO</sup> N. Hackberry Morrow 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\* 11. SEC., T., R., M., OR BLOCK AND SURVEY At surface N-660' FNL & 660' FEL OR AREA At top prod, interval reported below (N) Sec.12-19S-30E At total depth 14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH 13. STATE Eddv New Mexico 17. DATE COMPL. (Ready to prod.) 15. DATE SPUDDED 16. DATE T.D. REACHED 18. ELEVATIONS(DF,RKB,RT,GE,ETC.)\* 19. ELEV. CASINGHEAD 5/30/2002 7/7/2002 11/6/2002 3441' GR 20. TOTAL DEPTH, MD, & TVD 21.PLUG BACK TD, MD&TVD 22. IF MULTIPLE COMPL. **ROTARY TOOLS** 23.INTERVAL **CABLE TOOLS** 12.260 DRILLED BY YES 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AN TVD)\* 25. WAS DIRECTIONAL 11,882-887', 11,856-860', 11,819-832' MIDDLE MORROW SAND SURVEY MADE Y 26. TYPE ELECTRIC AND OTHER LOGS RUN 27, WAS WELL CORED GR/CAL/CNL/LDT GR/CAL/DLL/MSFL CASING RECORD (Report all strings set in well) 28. CASING SIZE/GRADE WEIGHT, LB./FT. DEPTH SET (MD) **HOLE SIZE** TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED 13 3/8" 48# 475 17 1/2" L/300sxs, T/200sxs, Circ 164sxs 8 5/8" 32# 3210' 11" 1415sxs, Plgd Dwn did not circ 1" w/400sks, Circ 8sx 5 1/2 20/17# 12,260 7 7/8" 1450sxs, Circ 54sxs LINER RECORD 30. **TUBING RECORD** SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT\* SCREEN(MD) SIZE DEPTH SET (MD) PACKER SET (MD) 2 3/8\* 11694' 31. PERFORATION RECORD (Interval, size and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 11,882-887',11,856-860',11,819-832' 6 SPF Acidize w/2000 gals 7.5%, Frac w/48,000 gal Foam &53,000 20/40

				Inter prop		ŀ			
33.*			PRODUCTION						
DATE FIRST PRODUCTION	PRODUCTION METHOD (FI	owing, gas lift, pun	nping - size and t	ype of pump)			WELL STA	TUS (Produci	ng or
11/6/2002	Flowing						shut-ir	1)	Ρ
DATE OF TEST #######	HOURS TESTED 24	CHOKE SIZE 48/64	PROD'N FOR TEST PERIOD	OIL - BBL. 7	GAS · MCF 342	WATER 4	- BBL.	GAS-OIL R	ATIO
FLOW. TUBING PRESS. 80#	CASING PRESSURE 0#	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF	WATER - BBI	ACC	EPTED F	OR RECO	ÖRD
34. DISPOSITION OF GAS (S	old, used for fuel, vented, etc.	) Sold	•	·		TESTW	ITNESSED BY	C. MANN	
35. LIST OF ATTACHMENTS 36. I hereby certify that the fo	pregoing and attached inform	ation is complete	and correct as	determined fro	om all available	records	JAN 1	2003	
SIGNED KO	5 Wlb llw		TITLE	REGULATO	RY CLERK	L	LESABA	BY 12/31/2	002
	*(See Instru	ctions and Spa	ces for Addit	ional Data o	n Reverse Si	le) Pi	ETROLEUM	ENGINEER	₹

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, fictitous 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	воттом	DESCRIPTION, CONTENTS, ETC.			
RUSTLER BASE SALT	510					
YATES	2066					
SEVEN RIVERS	2382					
QUEEN	3176					
PENROSE	3414					
GREYBURG	3478		/			
PREMIER	3780					
CAPITAN	4106	,				
CHERRY CANYON BRUSHY CANYON	4496					
BONE SPRING CARB	6082					
1ST BONE SPRING SAND	7650					
2ND BONE SPRING SAND	8546					
3RD BONE SPRING SAND	9318		,			
WOLFCAMP	9788					
WOLFCAMP SHALE	10199					
STRAWN	10882					
ATOKA	11198					
MORROW LIME	11598					
MORROW CLASTICS	11800					
LOWER MORROW	12008					
MISSISSIPPIAN						
			·			
	\					
×						
-		1				
	1					
	1	1				

8. GEOLOGICAL MARKERS		38. GEOLOGICAL MARKERS			
	ТОР			TOP	
NAME	MEAS. DEPTH	TRUE VERT. DEPTH	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
		·			
	1		İ	İ	

WEII	<b>NAME</b>	A NID	NIT IN	(DED
WELL	NAME	AND	NUN	/IBEK

Landrush "12" Fed Com #2

LC	)CA	\T	ΙO	N
----	-----	----	----	---

Section 12, T-19-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
.50 @ 293'	1.00 @ 4,212'	1.75 @ 6,435'	1.00 @ 9,251'
1.00 @ 475'	<u> 1.25 @ 4,461'</u>	<u>1.75 @ 6,560'</u>	.75 @ 9,376'
1.50 @ 668'	1.25 @ 4,586	2.00 @ 6,748'	.50 @ 9,515'
1.00 @ 848'	<u>1.25 @ 4,743'</u>	1.75 @ 6,842'	.75 @ 9,815'
1.25 @ 1,153'	1.50 @ 4,900'	1.75 @ 6,967'	1.00 @ 10,128'
1.00 @ 1,433'	1.50 @ 5,057'	1.50 @ 7,091'	.50 @ 10,347'
1.00 @ 1,714'	2.00 <b>@</b> 5,213'	1.00 @ .7,279	.50 @ 10,680'
1.00 @ 2,058'	2.00 @ 5,276'	.75 @ 7,527'	.50 @ 10,906'
.50 @ 2,370'	1.50 @ 5,339'	.75 @ 7,778'	.75 @ 11,156'
.50 @ 2,623'	<u>1.75 @ 5,464'</u>	.25 @ 8,028'	1.25 @ 11,407'
1.00 @ 2,966'	2.00 @ 5,589'	.25 @ 8,210'	1.25 @ 11,658'
1.00 @ 3,210'	2.00 @ 5,714'	.50 @ 8,435'	1.25 @ 11,845'
.75 @ 3,426'	2.00 @ 5,839	.50 @ 8,654	.50 @ 12,260'
1.00 @ 3,739'	1.75 @ 5,996'	1.00 @ 8,906'	
1.00 @ 3,991'	1.75 @ 6,215'	1.25 @ 9,125'	

Drilling Contractor TMBR/Sharp Drilling, Inc.

Subscribed and sworn to before me this

17th day July

2002

Notary Public

Kathleen Roper

Commision expires: 9/25/03

State of Texas

Comm. Exp. 09-25-2003 }

Midland

County, Texas