

(July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 NM Oil Cons. Div-Dist. 2  
 1501 W. Grand Avenue  
 Artesia, NM 88210

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.  
NM-0560353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Munchkin Federal #5

9. API WELL NO.  
30-015-33725 S1

10. FIELD AND POOL, OR WILDCAT  
Benson; Delaware

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
12-19S-30E

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 WORK DEEP- PLUG DIFF.  
WELL  OVER  EN  BACK  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 1700' FNL & 1980' FWL  
At top prod, interval reported below  
At total depth same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 12/17/2004  
16. DATE T.D. REACHED 12/29/2004  
17. DATE COMPL. (Ready to prod.) 2/4/2005

18. ELEVATIONS(DP,RKB,RT,GE,ETC.)\*  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD, & TVD 5400'	21. PLUG BACK TD, MD&TVD 5353'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVAL DRILLED BY	ROTARY TOOLS YES	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AN TVD)\*  
5053-58', 5036-44'

25. WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CDN/GR CFL/GR

27. WAS WELL CORED

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
9 5/8" J-55	36#	525'	12 1/4"	300sxs, Circ 108sxs	
5 1/2" J-55	15.5#	5400'	7 7/8"	1st stage: 200 sks 2nd stage: 750sxs; circ 199sxs	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN(MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"		

31. PERFORATION RECORD (Interval, size and number)  
5053-58', 5036-44'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD): 5053-58', 5036-44'  
AMOUNT AND KIND OF MATERIAL USED: A/28bbls 2% KCL, 2bbls 7 1/2 % NEFE Acid  
Frac w/15,000gals of Medallion 3000 w/26,540# of 16/30 white & 12,000# 16/30

33.\* ALEXIS C. SWOBODA PRODUCTION  
PETROLEUM ENGINEER

DATE FIRST PRODUCTION 2/5/2005  
PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing  
WELL STATUS (Producing or shut-in) PROD.

DATE OF TEST 2/6/2005	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL. 157 BO	GAS - MCF 34 MCF	WATER - BBL. 34 BW	GAS-OIL RATIO
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FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY - API (CORR.)
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold

TEST WITNESSED BY  
C. MANN

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 Kobin Lukew TITLE REGULATORY CLERK DATE 2/7/2005

RECEIVED

FEB 23 2005

QUANTERIA

ACCEPTED FOR RECORD

FEB 22 2005

acs

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.
LIMA	4653'		
MIKE	4761'		
NOVEMBER	4829'		
OSCAR	4881'		
PAPA	4947'		
MUNCHKIN	5050'		
TANGO	5234'		

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH



# DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

December 30, 2004

Chi Operating Inc  
212 N Main Suite 200  
Midland, Tx 79704-1799

Re: Munchin Fed #5  
Section 12, T-19-S, R-30-E  
Eddy County, New Mexico

Attn: John Wolf

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

189' - 1 3/4°	1763' - 3°	2657' - 1°
308' - 2°	1916' - 3 1/2°	3149' - 1/2°
367' - 2 1/4°	1978' - 3 3/4°	3648' - 1 1/2°
488' - 3°	2039' - 3 1/4°	4144' - 2°
597' - 2°	2131' - 2 1/2°	4402' - 1°
716' - 1 1/2°	2224' - 1 1/4°	4888' - 1 1/4°
1208' - 1 1/4°	2349' - 1°	5400' - 1 1/4°
1701' - 3°	2442' - 1 1/4°	

Sincerely,

Jerry W. Wilbanks  
President

RECEIVED  
2005 FEB 17 AM 9:51  
Eddy County, New Mexico

STATE OF NEW MEXICO )  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 30<sup>th</sup> day of December, 2004 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19<sup>th</sup>, 2007

*Virginia Long*  
NOTARY PUBLIC

REC'D JAN 05 2005

AFE	_____	WELL	<u>200021-8</u>
LOE	_____	DECK	_____
DRLG	_____	VENDOR#	_____
COMP	_____	CAT. CODE	_____