

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN DUPLICATE\***

N.M. Oil Cons. Div. Dist. 2  
1301 W. Grand Avenue  
Albuquerque, NM 87106

(See other in-  
structions on  
reverse side)

LEASE DESIGNATION AND SERIAL NO.

**WELL COMPLETION OR RECOMPLETION REPORT**

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION:		NEW WORK DEEP- PLUG DIFF. WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		8. FARM OR LEASE NAME, WELL NO. Freeway Federal #1	
2. NAME OF OPERATOR Chi Operating, Inc.				9. API WELL NO. 30-015-33790	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1799 Midland, Texas 79702				10. FIELD AND POOL, OR WILDCAT Morrow	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL, 1980 FWL At top prod, interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC. 30, T19S, R30E	
		14. PERMIT NO.		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED 1/5/2005		18. DATE T.D. REACHED 2/4/2005		17. DATE COMPL. (Ready to prod.) 4/27/2005	
20. TOTAL DEPTH, MD, & TVD 12,115'		21. PLUG BACK TD, MD&TVD 12,022'		22. IF MULTIPLE COMPL., HOW MANY* one	
				23. INTERVAL DRILLED BY ROTARY TOOLS yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AN TVD)* 11,785-792'; 11,752-755'					

**RECEIVED**  
MAY 27 2005  
OCC-ARTESIA

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR-CAL-CNL, LDT, DDL, MSFL

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
13 3/8	48.5/54.5#	410'	17 1/2	470sxs
8 5/8 J-55	32#	3605'	11	1450sxs, Circ 67sxs
5 1/2 N-80/P110	17#	12,115'	7 7/8	1stg:900sxs, 2stg:500sxs
				TOC 1st stg:7866', 2nd stg: 4784'

29. LINER RECORD					30.	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN(MD)	SIZE	DEPTH SET (MD)
					2 3/8	

31. PERFORATION RECORD (Interval, size and number) 11,785-792'; 11,752-755'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	

33.* PRODUCTION						
DATE FIRST PRODUCTION 4/27/2005		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				
DATE OF TEST 5/1/2005	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL. 13 BO	GAS - MCF 991MCF	WATER - BBL. 0 BW
FLOW. TUBING PRESS. 450#	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF	WATER - BBL.	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold Dev. Survey		TEST WITNESSED BY MAY 26 2005
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*R. B. Babayak*

TITLE

Regulatory Clerk

DATE

5/16/05

**ACCEPTED FOR RECORD**  
MAY 26 2005  
LEG BABYAK  
PETROLEUM ENGINEER

Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the  
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.
Yates	1740'			
Delaware	4310'			
Bone Spring Ls.	6079'			
3rd Bone Spring Sd	9036'			
Wolfcamp	9515'			
Strawn Ls.	10,660'			
Atoka	11,022'			
Morrow Clastics	11,576'			
Lower Morrow	11,905'			

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



# DRILLING INC. Oil Well Drilling Contractor

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

February 7, 2005

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

Re: Freeway Fed #1  
Sec. 30, T-19-S, R-30-E  
Eddy County, New Mexico

Attn: John Wolf

The following is a Deviation Survey on the referenced well:

134' - 1/2°	2871' - 1 1/4°	7431' - 1/2°
410' - 3/4°	3345' - 1 3/4°	7802' - 1/2°
561' - 1 1/2°	3557' - 1 1/2°	8288' - 3/4°
711' - 1°	3831' - 1°	8766' - 1°
1009' - 1 1/4°	4310' - 3/4°	9244' - 1 1/4°
1254' - 2°	4723' - 1°	9722' - 1 1/2°
1326' - 1 1/2°	5201' - 1 1/2°	10200' - 1 1/2°
1534' - 1°	5647' - 1/4°	10628' - 1 3/4°
1750' - 1 3/4°	6126' - 1/4°	11121' - 1°
1903' - 1°	6540' - 1/2°	11586' - 3/4°
2371' - 3/4°	6986' - 1/2°	12067' - 1°

Sincerely,

  
Jerry W. Wilbanks  
President

STATE OF NEW MEXICO)

COUNTY OF CHAVES )

The foregoing was acknowledged before me this 7<sup>th</sup> day of February, 2005 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

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

  
NOTARY PUBLIC