

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-015-33781

5. Indicate Type of Lease

STATE ☐ FEE ☐

State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Valle Feliz

RECEIVED

8. Well No.

#2

JUN 21 2005

9. Pool name or Wildcat

000-ARTEDIA

Happy Valley Morrow

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐  
WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

Chi Operating, Inc.

3. Address of Operator

P.O. Box 1799 Midland, TX 79702

4. Well Location

Unit Letter Lot 4 : 860 Feet From The North Line and 1250 Feet From The West Line

Section 3 Township 22S Range 26E NMPM County Eddy

10. Date Spudded

1/15/05

11. Date T.D. Reached

2/14/05

12. Date Compl. (Ready to Prod.)

4/19/05

13. Elevations (DF& RKB, RT, GR, etc.)

3215' GR

14. Elev. Casinghead

15. Total Depth

11,470'

16. Plug Back T.D.

11,384'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

11,154-152'; 11126-119'; 11103-100'; 11066-64'; 11021-20'; 11017-15'

20. Was Directional Survey Made

21. Type Electric and Other Logs Run  
Deviation survey, CDL & CNL

22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	68# J55	507'	17 1/2"	650sx, circ 240sx	
9 5/8"	36# J55	2177'	12 1/4"	750sx, circ 135sx	
5 1/2"	17# P110/N80	11470'	7 7/8"	385sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"		10,914'

26. Perforation record (interval, size, and number)

11154,11153,11152,11126,11125,11124,11123,11122,11121,  
11120,11119,11103,11102,11100,11066,11065,11064,11021,  
11020,11017,11016,11015'

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
Frac P/44,000 lbs 18/40 Versaprop sand & gel

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
4/19/05		Flwg				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/15/05	24	48/64		0	840 MCF		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
600#							

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD

Test Witnessed By

SONNY MANN

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Robin Askeew*

Printed

Name ROBIN ASKEW

Title REGULATORY CLERK Date 6/10/05

## INSTRUCTIONS

shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	<b>Southeastern New Mexico</b>
Delaware	2424'
Bone Spring Ls	4664'
3 <sup>rd</sup> Bone Spring Sd	8046'
Wolfcamp	8536'
Strawn Ls.	9871'
Atoka	10,328'
Morrow Clastic	10,896'
Lower Morrow	11,194'

Northwestern New Mexico	
T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzite _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

OPERATOR CHI OPERATING  
WELL/LEASE VALLE FELIZ #2  
COUNTY EDDY, NM

622-0096

STATE OF NEW MEXICO  
DEVIATION REPORT

240	1/2	7,808	1 1/2
353	3/4	8,100	1 1/2
473	1	8,256	1 1/4
749	1	8,607	1 1/4
1,048	1 3/4	8,926	1 3/4
1,272	1 1/2	9,115	2 1/4
1,462	2 3/4	9,213	2
1,558	2 1/2	9,373	2
1,655	2	9,596	1 1/2
1,780	2	9,912	1 1/4
1,939	3/4	10,448	1
2,132	1	10,861	1 1/4
2,422	1	11,324	1
2,713	1		
3,129	1 1/4		
3,411	1		
3,761	1 1/4		
4,138	1 1/4		
4,524	1		
4,938	1 1/4		
5,322	2 1/2		
5,418	1 1/2		
5,512	3/4		
5,768	1		
6,023	1 1/4		
6,279	1 1/4		
6,565	1		
6,756	1		
6,920	1/2		
7,076	1		
7,298	1 1/2		
7,585	1 1/4		

BY: 

STATE OF TEXAS  
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me February 24, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

  
Notary Public for Midland County, Texas  
My Commission Expires: 8/23/07

