

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

5 Form C-105
Revised March 25, 1999

WELL API NO.

30-015-~~31844~~ **32480**

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

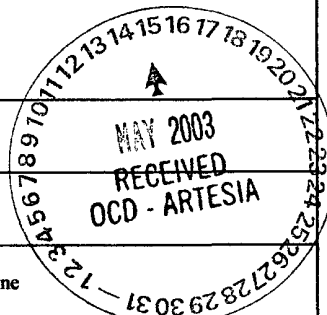
7. Lease Name or Unit Agreement Name

COLLATT

8. Well No.

#2

9. Pool name or Wildcat



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 _____ Feet From The NORTH Line and 1980' Feet From The EAST Line

Section 1 Township 23S Range 26E NMPM County EDDY

10. Date Spudded

11-25-02

11. Date T.D. Reached

1-16-03

12. Date Compl. (Ready to Prod.)

2-19-03

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

GL-3217' KB-3233'

14. Elev. Casinghead

15. Total Depth

11,970'

16. Plug Back T.D.

11,873'

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

11,592-600', 11,751-59', 11,859-867', 11,789-791'

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"	48.5#	350'	17 1/2"	365sxs, Circ 160sxs	
9 5/8"	36#	5280'	12 1/4"	1 st stage 600sxs, 2 nd stage 600sxs, didn't circ, notified NMOCD	
5 1/2"	20#	11,970'	8 3/4"	800sxs	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"		11,570.67'

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

11,592-600', 11,751-59', 11,859-867', 11,789-791'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,789-91', 859-67'	A/2000gals 5% HCL w/1000 scf N2
	Frac/pad vol 351, Total N2-763,900, Total C02-132, FTR-569.

28

PRODUCTION

Date First Production

2-19-03

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

3-20-03

Hours Tested

24

Choke Size

16/64

Prod'n For Test Period

Oil - Bbl

0

Gas - MCF

1177

Water - Bbl.

8

Gas - Oil Ratio

Flow Tubing Press.

530#

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

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

SOLD

Test Witnessed By

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 Askew

Printed Name

ROBIN ASKEW

Title

REGULATORY CLERK

Date 4/14/03

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Lamar Lime 1864
T. Bell Canyon (Dela) 1960
Brushy Canyon 3758
Bone Spring 5324
1st Bone Spring Sand 6296
2nd Bone Spring Carb 6930
2nd Bone Spring Sand 7740
3rd Bone Spring Carb 7846
3rd Bone Spring Sand 8350
Wolfcamp 8736
Penn 9808
Strawn 10,404
Atoka 10,820
Morrow 11,304
Middle Morrow 11,503
Lower Morrow 11,750
Mississippian 11,873

Northwestern New Mexico

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

To	Thickness In Feet	From	From	To	Thickness In Feet	Lithology
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OPERATOR: CHI OPERATING
WELL/LEASE: COLLATT #2
COUNTY: EDDY

500-0119

STATE OF NEW MEXICO
DEVIATION REPORT

107	0.25	6,237	3.00
229	0.75	6,330	3.00
350	0.75	6,390	2.25
494	0.75	6,428	3.00
648	0.50	6,459	2.50
833	1.00	6,490	2.00
1,020	2.00	6,523	1.50
1,112	2.25	6,596	1.75
1,175	2.00	6,602	1.50
1,240	3.00	6,663	1.75
1,271	3.00	6,729	1.75
1,305	3.50	3,824	1.00
1,312	3.70	7,014	2.00
1,344	4.20	7,138	1.50
1,407	4.10	7,299	1.25
1,439	4.00	7,549	1.50
1,534	3.00	7,807	1.75
1,566	2.90	8,062	2.50
1,598	2.80	8,218	2.50
1,630	1.80	8,347	3.00
1,659	1.90	8,455	3.00
1,692	1.80	8,549	3.00
1,723	1.60	8,645	2.75
1,755	1.10	8,738	2.50
1,787	0.90	8,834	3.00
1,819	0.20	8,930	3.00
1,882	0.40	8,979	3.00
1,946	0.20	9,014	2.14
2,009	0.50	9,045	1.54
2,390	0.40	9,140	1.10
2,517	0.40	9,236	1.82
2,644	0.30	9,332	2.15
2,738	1.00	9,423	1.81
2,837	0.25	9,519	0.83
2,991	0.75	9,616	0.93
3,151	0.75	9,711	1.00
3,340	1.00	9,806	1.18
3,560	1.00	9,901	1.84
3,851	0.50	9,997	1.67
4,135	1.00	10,092	1.98
4,451	1.00	10,187	1.52
4,834	0.75	10,282	0.95
5,280	0.75	10,377	1.38
5,348	1.75	10,472	2.31
5,545	1.00	10,567	1.58
5,784	2.75	10,662	0.90
5,880	2.75	10,757	1.18
5,987	3.50	10,852	1.68
6,050	3.00	10,947	1.40
6,097	3.00	11,042	1.48
6,129	2.50	11,138	1.73
6,173	2.50	11,235	1.00
		11,331	0.68
		11,427	0.63
		11,607	0.75
		11,928	3.50



By:

Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 21st day of January, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

