

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

OCD - Artesian
Orn

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,
Other _____

2. Name of Operator **CHI OPERATING, INC.**

3. Address **212 N. MAIN, MIDLAND, TEXAS 79701** 3a. Phone No (include area code)
432-685-5001

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **1497' FSL & 2022' FSL**
At top prod interval reported below
At total depth **1950' FSL & 2190' FEL**

14 Date Spudded **05/03/2008** 15. Date T.D. Reached **08/14/2008** 16. Date Completed
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
KB: 3474' GL: 3456'

18. Total Depth MD **9640'** 19. Plug Back T.D.: MD **9550'** 20. Depth Bridge Plug Set: MD **CIBP @ 9440'**
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NEU & LL

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	54.5#		401'		275SX C		circ 50sx t/sur	
12 1/4	9 5/8	40#		1807'		735SX C		circ 150sx t/su	
8 3/4	5 1/2	17#		9640'		1750SX		circ 23sx t/sur	
								TOC @ SURF	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8		9340'			9290'			

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Middle Morrow	9381	9384	9472-74;9464-67;9449-54		2SPF	
B)			9381-9384		4SPF	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9472-74;9464-67;9449-54	A24bbbls 7 1/2% w/1000scf nitrogen

Accepted for record
NMOCD 105/3/2012

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
10/03/2008	10/05/2008	24HR	→	0 BO	186MCF				FLOWING
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	SI 130#		→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

RECEIVED
MAR 20 2012
NMOCD ARTESIA
RECLAMATION
DUE 4-18-12
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
San Andres	1193'				
Glorieta	2710'				
Abo	4930'				
Wolfcamp	6249'				
Cisco	8018'				
Strawn	8528'				
Atoka	9027'				
Lower Morrow	9418'				
Mississippian	9482'				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) ROBIN ASKEWTitle REGULATORY CLERKSignature Robin AskewDate 10/25/2008

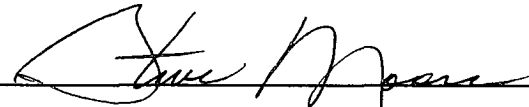
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR CHI OPERATING, INC.
WELL/LEASE OXY WHIPSNAKE FED #1
COUNTY EDDY RIG 510

STATE OF NEW MEXICO
DEVIATION REPORT

150	1.00	3,785	1.00	7,291	1.10
274	0.25	3,845	0.70	7,388	1.50
369	1.00	3,972	1.20	7,550	0.80
605	1.75	4,099	0.70	7,640	1.30
855	1.25	4,163	0.60	7,733	0.70
1,024	3.00	4,349	1.30	7,834	1.20
1,169	2.50	4,416	1.10	7,929	0.80
1,264	0.75	4,478	0.50		
1,390	3.00	4,604	1.20		
1,454	1.75	4,668	1.20		
1,644	1.00	4,728	1.20		
1,773	1.00	4,859	1.30		
1,824	1.90	4,920	1.50		
1,927	1.70	5,047	1.30		
2,032	1.80	5,110	0.90		
2,143	1.50	5,175	1.40		
2,206	1.90	5,301	1.10		
2,332	1.80	5,396	0.90		
2,392	1.40	5,459	1.40		
2,452	1.20	5,586	1.50		
2,516	1.60	5,649	1.10		
2,584	1.10	5,889	1.40		
2,744	1.10	5,967	1.50		
2,869	1.30	6,093	0.80		
2,927	0.80	6,152	1.30		
2,994	1.00	6,217	1.20		
3,056	1.10	6,317	1.30		
3,119	0.90	6,438	1.30		
3,183	0.90	6,500	1.20		
3,248	0.80	6,627	1.00		
3,311	1.00	6,760	0.60		
3,521	0.20	6,880	1.40		
3,591	0.80	6,944	0.80		
3,655	1.00	7,007	1.50		
3,719	0.90	7,069	1.20		

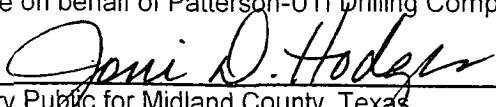
STATE OF TEXAS

BY: 

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTL Drilling Company LLC.

AUGUST 19, 2008 , by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

