

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

MAY 12 2009

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 P O. BOX 1799, MIDLAND, TEXAS 79702

3a. Phone No. (include area code)
432-685-5001

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

1550' FNL & 1850 FEL

At surface

At top prod interval reported below

At total depth

14. Date Spudded
09/18/2008

15. Date T D Reached
10/19/2008

16. Date Completed 04/15/2009
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
KB 3407'

18. Total Depth MD 8900'
TVD

19. Plug Back T.D.: MD 8794'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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 Cement Depth	No of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8 J55	18#	495'			585sx (1"300sx)		Est TOC@350'	
12 1/4"	8 5/8 J55	32#	3151'			1628sx			Circ 273sx to surf
8 3/4"	5 1/2 P110	17#	8907'			975sx			Circ 60sx

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 7/8	8680							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) 8582-8625 BONESPRING			8582-8625	1spf	43 shots	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8582-8625	8582-8625 A/70bbbls 7.5% ; F/pmpd 930bbbls 20/40, pmpd 119bbbls Super LC

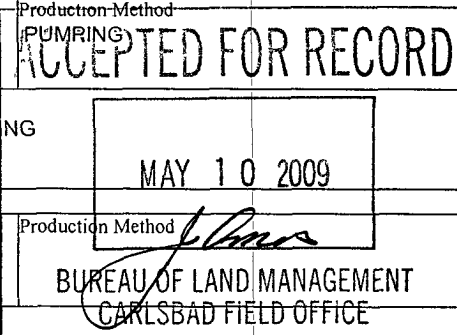
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/15/20	4/24/08	24hrs	→	48 BO	0 mcf	248 BW			PUMPJACK
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

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	
			→						

*(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 (Solid, 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
T ANHYDRITE	412'			1ST SAND	7598'
YATES	2076'			2ND SAND	8393'
SEVEN RIVERS	2308'			3RD BONE SPRING CARB	8796'
QUEEN	2914'				
DELAWARE	4463'				
BONE SPRING LS	6090'				
AVALON SAND	6250'				

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 04/27/2009

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

(Continued on page 3)

(Form 3160-4, page 2)

OPERATOR CHI OPERATING, INC.
WELL/LEASE GIBLET STATE 2
COUNTY EDDY RIG 74

STATE OF NEW MEXICO
DEVIATION REPORT

338	1.00
990	1.00
1,296	1.00
1,665	1.25
2,046	2.25
2,148	2.80
2,236	2.00
2,330	2.00
2,648	1.50
2,808	1.25
2,957	1.50
3,140	1.50
3,900	1.00
4,347	0.75
4,792	1.20
5,109	1.00
5,490	0.75
5,870	0.50
6,220	1.00
7,014	0.75
7,395	0.25
7,807	1.00
8,221	1.25
8,600	1.25
9,014	1.50
9,679	1.75
9,936	2.00
10,190	1.75
10,444	1.75
10,835	1.75
11,127	1.75
11,792	3.00

BY: _____

STATE OF TEXAS

COUNTY OF MIDLAND

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

DECEMBER 12, 2008, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

