

OCD-ARTESIA

Form 3160-4
(April 2004)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

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 **CHEVRON USA INCORPORATED (AGENT: COG OPERATING LLC)**

3 Address **550 W. TEXAS AVE. SUITE 100
MIDLAND TX, 79701**

3a Phone No (include area code) **432-818-2319**

4 Location of Well (Report location clearly and in accordance with Federal requirements)
At surface **Lot E 1750' FNL & 330' FWL**
At top prod interval reported below
At total depth

5 Lease Serial No **NMLC029418B**

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No **Tex Mack 11 Federal 41**

9 AFI Well No **30-015-38381**

10 Field and Pool, or Exploratory **FRONT GLORIETA-YESO**

11 Sec., T., R., M., on Block and Survey, or Area **Sec 11 T17S R31E**

12 County or Parish **EDDY** 13 State **NM**

14 Date Spudded **06/19/2011** 15 Date T D Reached **06/28/2011** 16 Date Completed **07/21/2011**
☐ D & A ☒ Ready to Prod.

17 Elevations (DF, RKB, RT, GL)* **3941' GL**

18. Total Depth MD **6747** 19. Plug Back T D MD **6690** 20 Depth Bridge Plug Set MD
TVD **6747** TVD **6690** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Three Det Litho-Density Comp Neutron/HNGS; Hi-Res Lat Array Micro-CFL/

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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.5	13.375	48	0	612		600		0	
11	8.625	32	0	1924		600		0	
7.875	5.5	17	0	6737		1050		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6351							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) YESO	5225	6480	5225 - 5400	1	26	OPEN
B)			5640 - 5744	1	27	OPEN
C)			6010 - 6210	1	26	OPEN
D)			6280 - 6480	1	26	OPEN

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

Depth Interval	Amount and Type of Material
5225 - 5400	Acidized w/3000 gals 15% HCL
5225 - 5400	Frac w/103,060 gals gel, 108,288# 16/30 Ottawa sand, 21,610# 16/30 SiberProp
5640 - 5744	Acidized w/2500 gals 15% HCL
5640 - 5744	Frac w/114,818 gals gel, 146,172# 16/30 Ottawa sand, 35,438# 16/30 SiberProp

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
		24	→				37.1		Shut-in
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
		70	→						

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)

Accepted for record
NMOCDBUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

ACCEPTED FOR RECORD

OCT 27 2011

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.)

Sold

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
RUSTLER	615		ANHYDRITE	RUSTLER	615
SALT TOP	796		SALT	SALT TOP	796
TANSILL	1819		DOLOMITE	TANSILL	1819
YATES	1934		DOLOMITE & SAND	YATES	1934
SAN ANDRES	3630		SAND	SAN ANDRES	3630
GLORIETA	5124		DOLOMITE & ANHYDRITE	GLORIETA	5124
YESO	5214		SAND & DOLOMITE	YESO	5214

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Carlsbad, NM

32. Additional remarks (include plugging procedure):

ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE ETC. CONT...

6010 - 6210 Acidized w/2500 gals 15% HCL.

6010 - 6210 Frac w/114,861 gals gel, 148,474# 16/30 Ottawa sand, 30,663# 16/30 SiberProp

6280 - 6480 Acidized w/2500 gals 15% HCL.

6280 - 6480 Frac w/110,743 gals gel, 145,828# 16/30 Ottawa sand, 30,839# 16/30 SiberProp

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) **Netha Aaron**

Title **PREPARER**

Signature

N. Aaron

Date **10/18/2011**

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.