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

5 Lease Serial No **NMLC029418A**

1a Type of Well [✓] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b Type of Completion [✓] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff Resvr,
Other

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No **NMNM71030**

2. Name of Operator **CHEVRON USA INCORPORATED** **(AGENT: COG OPERATING LLC)**

8 Lease Name and Well No **SKELLY UNIT 646**

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

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

9 API Well No **30-015-38362**

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

At surface **Lot P 189' FSL & 965' FEL**

At top prod interval reported below

At total depth **Lot P 354' FSL & 384' FEL**

RECEIVED
OCT 31 2011
NMOCD ARTESIA

10 Field and Pool, or Exploratory ~~EUNICE~~ **GLORIETA-YESO** (97869)

11 Sec , T , R , M , on Block and Survey or Area **Sec 14 T17S R31E**

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

14 Date Spudded **08/05/2011**

15 Date T D Reached **08/14/2011**

16 Date Completed [ ] D & A [✓] Ready to Prod **09/12/2011**

17. Elevations (DF, RKB, RT, GL)* **3901' GL**

18. Total Depth MD **6923** TVD **6886**

19 Plug Back T D MD **6865** TVD **6828**

20 Depth Bridge Plug Set MD TVD

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

Comp Neutron

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	610		700		0	
11	8.625	32	0	1875		600		0	
7.875	5.5	17	0	6913		1300		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	6379							

25 Producing Intervals / 26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) **YESO**	5240	6520	5240 - 5390	1	26	OPEN
B)			5780 - 5980	1	26	OPEN
C)			6050 - 6250	1	26	OPEN
D)			6320 - 6520	1	26	OPEN

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5240 - 5390	Acidize w/2500 gals 15% HCL acid
5240 - 5390	Frac w/111,619 gals gel, 129,689# 16/30 White sand, 27,169# 16/30 CRC
5780 - 5980	Acidize w/3500 gals 15% HCL acid
5780 - 5980	Frac w/114,850 gals gel, 147,584# 16/30 White sand, 29,070# 16/30 CRC

RECLAMATION DUE 3-12-12

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	→					Shut-in

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
OCT 27 2011
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Accepted for record
NMOCD

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	**520**		**ANHYDRITE**	**RUSTLER**	**520**
SALT TOP	**700**		**SALT**	**SALT TOP**	**700**
TANSILL	**1777**		**DOLOMITE**	**TANSILL**	**1777**
YATES	**1891**		**SOLOMITE & SAND**	**YATES**	**1891**
SAN ANDRES	**3636**		**SAND**	**SAN ANDRES**	**3636**
GLORIETA	**5138**		**DOLOMITE & ANHYDRITE**	**GLORIETA**	**5138**
YESO	**5232**		**SAND & DOLOMITE**	**YESO**	**5232**

32 Additional remarks (include plugging procedure):

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

6050 - 6250 Acidize w/3500 gals 15% HCL acid.
6050 - 6250 Frac w/114,697 gals gel, 148,311# 16/30 White sand, 29,399# 16/30 CRC

6320 - 6520 Acidize w/3500 gals 15% HCL acid.
6320 - 6520 Frac w/111,968 gals gel, 147,254# 16/30 White sand, 27,851# 16/30 CRC

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 **10/13/2011**

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.