

*Amended **

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 29 2014
MOGD ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM117116

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.

2. Name of Operator
CHEVRON USA INC
Contact: CINDY H MURILLO
E-Mail: Cherreramurillo@chevron.com

8. Lease Name and Well No.
COTTON HILLS 23 26 27 FED COM 1H

3. Address 15 SMITH RD
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 575-263-0431

9. API Well No.
30-015-41535

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 152FNL 1979FEL
At top prod interval reported below. 152FNL 1979FEL
At total depth 560FSL 1979FEL

10. Field and Pool, or Exploratory
WILDCAT WOLFCAMP (OIL)
11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T26S R27E Mer NMP
12. County or Parish
EDDY
13. State
NM

14. Date Spudded
07/08/2013

15. Date T.D. Reached
08/21/2013

16. Date Completed
 D & A Ready to Prod.
12/28/2013

17. Elevations (DF, KB, RT, GL)*
3119 GL

18. Total Depth: MD
TVD 13037

19. Plug Back T.D.: MD
TVD 12830

20. Depth Bridge Plug Set: MD
TVD

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

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

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
17.500	13.375 H-40	48.0	369	2171		300			
12.250	9.625 J-55	40.0	2171	9381		297			
6.125	4.500 P-110	15.1	9381	13032		385			

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	8609	8610						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
WILDCAT WOLFCAMP (OIL)	9650	12935	9650 TO 12935	3.130		OPEN HOLE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
02/04/2014	02/14/2014	24	→	376.0	1410.0	2725.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					POW	

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 reverse side)

ELECTRONIC SUBMISSION #243448 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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.)
CAPTURED

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
				LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	2151 2201 3046 4586 5851 8931

32. Additional remarks (include plugging procedure):

11/19/13 MIRU Hal 10 Cement unit, Wellhead 1350 PSI. Installed spider gauge on one side of the tubing head. Hook up lines. Pressure tested 1/8000 PSI. No leaks. Bring pump up to 5 BPM. Broke down formation @ 4650 PSI. Pumped 50 BBLs of fresh water @ 5 BPM with 4600 PSI injection PSI. Performed hard shut in and monitor pressure. Record ISIP 5, 10, 15 min pressure. RDMO Hal Equipment.
12/4/13 Rig up isolation tool, crane, wireline, lubricator and sand bins. Unload and mix acid. Start unloading sand.
12/9/13 Continue to unload HAL sand kings/castles. RD and move out HAL sand

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #243448 Verified by the BLM Well Information System.
For CHEVRON USA INC, sent to the Carlsbad

Name (please print) GINDY H MURILLO

Title PERMITTING SPECIALIST

Signature _____ (Electronic Submission)

Date 04/25/2014

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.

** ORIGINAL **

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 29 2014
AMOGD ARTESIA

*Amended **

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

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b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
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7. Unit or CA Agreement Name and No.

2. Name of Operator
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Contact: CINDY H MURILLO
E-Mail: Cherreramurillo@chevron.com

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MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 575-263-0431

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or Area Sec 23 T26S R27E Mer NMP
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Depth Interval	Amount and Type of Material

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Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					POW	

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 reverse side)

ELECTRONIC SUBMISSION #243448 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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.)
CAPTURED

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31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				LAMAR	2151
				BELL CANYON	2201
				CHERRY CANYON	3046
				BRUSHY CANYON	4586
				BONE SPRING	5851
				WOLFCAMP	8931

32. Additional remarks (include plugging procedure):

11/19/13 MIRU Hal 10 Cement unit, Wellhead 1350 PSI. Installed spider gauge on one side of the tubing head. Hook up lines. Pressure tested 1/8000 PSI. No leaks. Bring pump up to 5 BPM. Broke down formation @ 4650 PSI. Pumped 50 BBLs of fresh water @ 5 BPM with 4600 PSI injection PSI. Performed hard shut in and monitor pressure. Record ISIP 5, 10, 15 min pressure. RDMO Hal Equipment.
12/4/13 Rig up isolation tool, crane, wireline, lubricator and sand bins. Unload and mix acid. Start unloading sand.
12/9/13 Continue to unload HAL sand kings/castles. RD and move out HAL sand

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #243448 Verified by the BLM Well Information System.
For CHEVRON USA INC, sent to the Carlsbad

Name (please print) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature _____ (Electronic Submission)

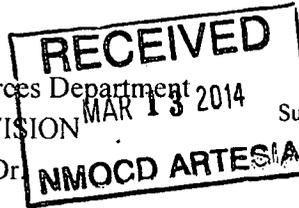
Date 04/25/2014

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.

** ORIGINAL **

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-41535	² Pool Code 97489	³ Pool Name HAY HOLLOW;WOLFCAMP
⁴ Property Code 40022	⁵ Property Name COTTON HILLS 23 26 27 FEDERAL COM	
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON USA INC	⁶ Well Number 1H ⁹ Elevation 3119

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	26S	27E		152'	NORTH	1979'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	23	26S	27E		560'	SOUTH	1979'	EAST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Cindy Herrera-Murillo</u> Date: 03/11/2014 Printed Name: <u>Cindy Herrera-Murillo</u> E-mail Address: <u>Cherreramurillo@chevron.com</u>
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: Signature and Seal of Professional Surveyor:
	Certificate Number:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Pecos District
Carlsbad Field Office
620 E. Greene
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



IN REPLY REFER TO:
NM133048
3105.2 (P0220)

Reference:
Cotton Hills 23 26 27 Fed Com 1H
T. 26 S., R. 27 E.,
Section 23, E2
Eddy County, NM

AUG 1 2014

Chevron USA Inc.
Attention: Dane M. Maxwell, RPL
1400 Smith St.
Houston, TX 77002

RECEIVED OOD
2014 AUG 12 P 2:59

Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM133048 involving 120 acres of Federal land in lease NM117116, Tract 1, 40 acres of Fee land, Tract 2, and 160 acres of Fee land, Tract 3, Eddy County, New Mexico, which comprise a 320 acre well spacing unit.

The agreement communitizes all rights to all producible hydrocarbons from the Wildcat Wolfcamp formation beneath the E2 of sec. 23, T. 26 S., R. 27 E., NMPM, and is effective 09/01/2013. Approval of this agreement does not warrant or certify that the operator, thereof, and other working interest owners hold legal or equitable title to the leases which are committed hereto.

Copies of this approval letter are being distributed to the appropriate Federal agencies. You are requested to furnish all interested parties with the appropriate evidence of this approval. Any production royalties that are due must be reported and paid according to regulations set up by the Office of Natural Resources Revenue at 1-800-525-9167 or 303-231-3504.

If you have any questions regarding this approval, please contact Edward G. Fernandez, Petroleum Engineer at (575) 234-2220.

Please furnish all interested principals with appropriate evidence of this approval.

Sincerely,


Steve Caffey
Assistant Field Manager,
Lands and Minerals

1 Enclosure:

1 - Communitization Agreement

cc:

ONRR, Denver (357B-1, Antoinette Contreras, Stacey Kaiser)

NM Taxation & Revenue Dept. (Revenue Processing Div.)

NMOCD

NM (9200)

NM (P0220-CFO, File Room)

Determination - Approval - Certification

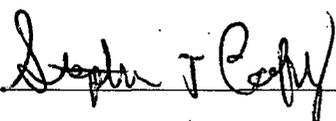
Pursuant to the authority vested in the Secretary of the Interior under Section 17(j) of the Mineral Leasing Act of 1920, as amended (74 Stat. 784; 30 U.S.C. 226(j)), and delegated to the authorized officer of the Bureau of Land Management, I do hereby:

- A. Determine that the Federal lease or leases as to the lands committed to the attached agreement cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located, and that consummation and approval of the agreement will be in the public interest. Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

- B. Approve the attached Communitization Agreement covering the E2 of sec. 23, T. 26 S., R. 27 E., NMPM, as to all producible hydrocarbons from the Delaware formation. This approval will become invalid if the public interest requirements under section 3105.2-3 (e) are not met.

- C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of the agreement.

Approved:



Authorized Officer

Effective: 09/01/2013

Contract No.: Com. Agr. NM133048



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene
Carlsbad, New Mexico 88220-6292
www.nm.blm.gov



In Reply Refer to
NM133048
3107 (P0220)

Memorandum

To: State Director (9210)

From: Land Law Examiner (P0220)

Subject: First Production, Comm. Agreement NM133048

Date of Completion: 12/28/13
Date of First Production: 02/04/14
Field: Wildcat Wolfcamp
Operator, Well Name & No, API Number: Chevron USA; Cotton Hills 23 26 27 Fed Com 1H; 3001541535
Surface Location: E2 sec. 23, T. 26 S., R. 27 E.
Total Depth: MD; ' TVD 13,037
Surface Elevation: 3,119' GL
Producing Formation: Wildcat Wolfcamp (9,650' – 12,935')
Well Capable of Production in Paying Quantities: Yes
Initial Daily Production: Oil 376 BBL; Gas 1,410 MCF; Water 2,725 BBL
Current Status: Producing Oil Well
Remarks: CA NM133048, effective 09/01/2013, communitizes production of all gas and fluid hydrocarbons in the Wolfcamp formation beneath the E2 of sec. 23, T. 26S, R. 27 E., NMPM, comprises 120 acres of Federal land in lease NM117116, Tract 1, 40 acres of Fee land, Tract 2, and 160 acres of Fee land, Tract 3, for a 320 acre well spacing unit, whose leases are held by actual production.

If you have any questions regarding this memorandum, please call Arthur Morrison at ajmorrison@blm.gov.

/S/ Arthur Morrison
August 1, 2014

cc:
ONRR-MS 63230B
First Production File
LLNM (P0220, File Room)