

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCB Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMMN114985

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 INCORPORATED** Contact: **CINDY H MURILLO**
 E-Mail: **CHERRERAMURILLO@CHEVRON.COM**

8. Lease Name and Well No.
LIMESTONE 11 23 33 FED 1H

3. Address **15 SMITH ROAD
MIDLAND, TX 79705**

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

9. API Well No.
30-025-41360-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)* **AUG 13 2014**
 At surface **NWNW 150FNL 650FWL 32.325962 N Lat, 103.549580 W Lon**
 At top prod interval reported below **NWNW 150FNL 650FWL**
 At total depth **SWSW 330FSL 650FWL**

10. Field and Pool, or Exploratory
BRINNINSTOOL

11. Sec., T., R., M., or Block and Survey
or Area **Sec 11 T23S R33E Mer NMP**

12. County or Parish
LEA

13. State
NM

14. Date Spudded
10/16/2013

15. Date T.D. Reached
11/12/2013

16. Date Completed
 D & A Ready to Prod.
04/02/2014

17. Elevations (DF, KB, RT, GL)*
3560 GL

18. Total Depth: MD **15673** TVD **11114**

19. Plug Back T.D.: MD **15617** TVD **15617**

20. Depth Bridge Plug Set: MD **15617** TVD **15617**

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

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	0	1150		2160		0	
12.250	9.625 J-55	40.0	0	5025		525		0	
8.750	5.500 P-110	17.0	0	15658		1320		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	10581	10566						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	11760	15673	11760 TO 15540			open - 0.46" diameter
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11760 TO 15540	Pumped 978 bbls of 15% HCl acid.
11760 TO 15540	Fraced in 12 stages using 1134957 lbs of White sand 30/50 and 477783 lbs of Super LC 20/40 sand.

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
04/02/2014	04/02/2014	24	▶	136.0	111.0	788.0			ELECTRIC, PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			▶	136	111	788	816	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			▶						

ACCEPTED FOR RECORD

AUG 7 2014

WESLEY W INGRAM
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #243645 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

AUG 21 2014

[Handwritten Signature]

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	1177		WATER	RUSTLER	1177
BRUSHY CANYON	7601	8976	OIL/GAS	BELL CANYON	5142
BONE SPRING	8977	15673	OIL/GAS	CHERRY CANYON	5902
				BRUSHY CANYON	7601
				BONE SPRING	8977

32. Additional remarks (include plugging procedure):

12/23/13 MIRU Halliburton Blender and 3 Frac Pumps tied into casing outlets. Tie blender into fresh water tanks. Install Restraint lines on all pressured Iron. Tie Lobo water line into fresh water tanks for water supply. Finish rigging up Halliburton Frac Pumps, blender and command center. Start pumping down backside @25 BPM @ 5500 PSI. Work coil tubing out of hole from 14,663 to 10,600. Shut back side pumps down and TOO H with coil tubing.
N/D BOP's and lubricator, lay down Old School BHA. N/U to Frac tank. Blow down coil with N2. RDMO coil unit and related equipment.

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 #243645 Verified by the BLM Well Information System.
For CHEVRON USA INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 06/10/2014 (14LJ0275SE)

Name (please print) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature _____ (Electronic Submission)

Date 04/28/2014

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.

**** REVISED ** REVISED ****

Additional data for transaction #243645 that would not fit on the form

32. Additional remarks, continued

12/28/13 MIRU Halliburton wireline unit and crane truck. Rig up Halliburton 5 K lubricator and grease unit. R/U Boots and Coots 200 ton Crane ND 7 1/16 x 10K crown valve, flow cross and Hyd valve, NU night cap. Rig up Choke manifold to casing valves to bleed casing off if necessary. RD crane SISD.

12/29/13 700 SICP. Bled well down in 5 mins. Clean out containment mats and load out same. Load out Fesco Accumulator, valves and hose reels. Move in GE well Head Tech, install flow bushing with BPV with 2 3/8" threads. ND lower master valve and install night cap, rig down choke lines and hyd choke manifold. Load out equipment and move out.

01/03/14 TEC MI spot pipe racks. United Vision deliver and off load 338 joints 2 7/8" L80 6.5#. EUE L80 tubing and pump joints 2,4,6,8,10.

01/06/14 Finish moving in and off loading rig equipment (pump,tank, BOP's, etc) modify rig deck to allow for guide wires to be attached to base beam.R/U TEC 17 with new guide wires to base beam. Raise derrick.

01/08/14 Rig up pump and line. Check for pressure 0 PSI WHP, Open well and continue R/U. N/U BOP After removing night cap discover well has 2 3/8" dummy hanger with BPV installed continue N/U BOP. R/U rig floor and drillers stand.

01/09/14 Pull dummy hanger 2 3/8" w/BPV out of hole and replace with 2 7/8" dummy hanger with Two-way check. Run in hold down pins. Test BOP 250 PSI low 5000 high on all rams. Hold each test 5 minutes. Lower inside wing valve on BOP leaking and must be repaired. Hydraulic quick on annular preventer leaking. Replace and test annular preventer to 250 PSI low and 3500 high. Hold each test 5 minutes. Test TIW valves and rig lines to the manifold 250 low and 4000 PSI high. One of the two TIW valves would not test and will be replaced. Hold each test 5 minutes. Test lower inside wing valve 250 PSI low and 5000 PSI high after being repaired. RU to run production tubing. Move pipe racks and measure row of tubing.

01/10/14 Bring tongs to rig floor and raise hydraulic cat walk slide. Have to repair tongs.Rig up slick line. Test lubricator to 2000 PIS. Break circulation down production tubing. Break circulation to insure that tubing is full. Pump at 15 BPM 500 PSI when circulation is gained.RIH with GS pulling tool latch plug in tubing at 10412' WLM and release pump thru plug. POOH with pump thru plug and RD Fesco slick line.

01/13/14 TIH with production tubing. Land out at 11577' KBCEM approx 11' deep. Pull test On/Off tool 15K and S/O 10K to space out. Test casing 500 PSI. Bleed off pressure and release On/Off tool and space out. Determine 19.26 pumps needed 20.4. Install hanger and landing pumps and prepare to circulate inhibited packer fluid.Back off landing joints. Install BPV. ND BOP stack.N/U Tree and test void to 5000 PSI with casing valve open remove 2 way check from tree and pressure up down tubing to 3400 PSI to blow out pump out plug. Well pressure settles at 2375' PSI. Close casing valve and close upper master, wing valve already closed and close crown valve. Bleed off test pump line and R/D same. SWFD.

01/14/14 Rig down pump and lines. Flush and clean out enviro mat and rig pit, lower derrick and inventory completion equipment. Bring completion to connex for future use.

01/15/14 Move equipment off location and wait on truck to move remaining equipment.

Operator : Chevron USA Inc. API# 30-025-41360 Limestone 11 23 33 Federal #1H

Attachment to form 3160-5

Frac Job: Open well with 2875 PSI, Start pumping frac stage 1 with acid, then switch to pad, then to gelled proppant. After the X-link, pump 15 bbls x-link gel spacer, drop first ball. Pump 15 bbls slickwater sweep behind the ball and move onto Stage 2 acid.

Sand: White 30/50	93366 lb: Super LC 20/40	41087 lb	Acid: 15% HCL	119 bbl
Break down @ 3841 PSI	Depth: 15,540'			
Sand: White 30/50	94185 lb: Super LC 20/40	40131 lb	Acid: 15% HCL	119 bbl
Break down@ 3709 PSI	Depth: 15,189'			
Sand: White 30/50	95810 lb: Super LC 20/40	40131 lb	Acid: 15% HCL	60 bbl
Break down@3937 PSI	Depth: 14,854'			
Sand: White 30/50	95676 lb: Super LC 20/40	40194 lb	Acid: 15% HCL	60 bbl
Break down@ 3700 PSI	Depth: 14,514'			
Sand: White 30/50	94931 lb: Super LC 20/40	39039 lb	Acid: 15% HCL	65 bbl
Breakdown @ 3700 PSI	Depth: 14,166'			
Sand: White 30/50	95109 lb: Super LC 20/40	40881 lb	Acid: 15% HCL	71 bbl
Breakdown @ 3969 PSI	Depth: 13,812'			
Sand: White 30/50	94060 lb: Super 20/40	39940 lb	Acid: 15% HCL	60 bbl
Breakdown @ 4037 PSI	Depth: 13,463'			
Sand: White 30/50	93720 lb: Super LC 20/40	39560 lb	Acid: 15% HCL	66 bbl
Breakdown @ 4349 PSI	Depth: 13,114'			
Sand: White 30/50	96540 lb: Super LC 20/40	33000 lb	Acid: 15% HCL	95 bbl
Breakdown @ 4002 PSI	Depth: 12761'			
Sand: White 30/50	94460 lb: Super LC 20/40	39360 lb	Acid: 15% HCL	105 bbl
Breakdown@ 3982 PSI	Depth: 12,417'			
Sand: White 30/50	98880 lb: Super LC 20/40	41880 lb	Acid: 15% HCL	158 bbl
Breakdown@ 5528 PSI	Depth: 12,063'			
Sand: White 30/50	88220 lb: Super LC 20/40	42580 lb	Acid: 15% HCL	0 bbl
	Depth: 11,760'			

On last stage completion Engineer did not want to pump any acid to compare heating pressure from previous stages with acid. Treating pressure seemed to be around 1200 PSI higher without pumping acid.