Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

HOBBS OCD

NOV 0 6 2015

RECEIVED

5. Lease Serial No.
NMNM27506

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM134673

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
MOOSES TOOTH 29 26 33 FED COM 1H

2. Name of Operator
CHEVRON USA INCORPORATED
Contact: CINDY H MURILLO
E-Mail: CHERRERAMURILLO@CHEVRON.COM

9. API Well No.
30-025-42168-00-S1

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 575-263-0431
Fx: 575-263-0445

10. Field and Pool, or Exploratory
WC-025 G-06 S263319P

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 29 T26S R33E NWNW 200FNL 330FWL
32.021087 N Lat, 103.601275 W Lon

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

CHEVRON USA INC HAS PERFORMED A BRADENHEAD SQUEEZE ON THE ABOVE WELL.
ATTACHED IS RESULTS AND SUMMARY REPORT OF BRADENHEAD SQUEEZE JOB ON 01/10/2015.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #308590 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 08/06/2015 (15LJ1399SE)

Name *(Printed/Typed)* CINDY H MURILLO — Title PERMITTING SPECIALIST

Signature (Electronic Submission) — Date 07/09/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — Title CHRISTOPHER WALLS PETROLEUM ENGINEER — Date 11/02/2015

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NOV 2 3 2015

Summary Report

Completion
Complete
Job Start Date: 1/6/2015
Job End Date: 2/16/2015

Well Name	Lease	Field Name	Business Unit
MOOSES TOOTH 29-26-33 FED COM 001H	Mooses Tooth 29-26-33 Fed Com	Bone Spring	Mid-Continent

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)

Com
R/D Pump truck and lines. Monitor pressure on pressure gauge. In 15 minutes pressure had fallen to 450 psi.
Report Start Date: 1/10/2015
Com
TIF . Safety Meeting W/ Basic Cemening crew . Tenet # 10 Always involve the right people in decisions that affect procedures and equimnet. Discuss JSA, SWA, and discuss hazards of job perfrom cement job. Potential ice plugs due to cold weather, pinch points,hand placements, homemade tools. Stressed SWA and good communication for job.
R/U Basic Cementing unit to Perform squeeze job on intermediate casing.
Prime pumps/lines Pressure Test to 2000 psi Open Well - 0 PSI Pump 10 bbl Mud Flush Caught pressure after 0.2 bbl, Pumped 1 bpm @ 504 psi then 3 bpm @ 650 psi. Pump 40 bbl fresh water at 3bpm, 680 psi. Pump 10 bbl Sodium Silicate (50/50 mix) at 3 bpm, 600 psi Pump 10 bbl fresh water 3 bpm, 550 psi Pump 240 bbl stepping density up from 12.6ppg to 13ppg @ 3 bpm, 500 psi initially. Pressure slowly decreased from 500 psi down to100 psi approximantly 160 bbls into job. Pump last 10 bbls at 1 bpm at 100 psi. Shut down, pressure goes to zero - well on vaccum. After 240 bbls, mix 20 bbls of cement and allow to slowly fall.
Shut down, wash up, put 0.25 bbl down well to clean riser / valves. Wait on Cement
Mix 30 bbl of 14.5ppg Class C Cement. Allow cement to fall, after about 5 bbls stopped falling, start pumping 0.5 bpm, pressure increased to 900 psi. Bleed off pressure, wash pumps lines. Pressure up on casing to displace riser with water. Pump 0.5 bbl. Hold 800 psi on riser. Shut down.
Hold PJSM, discuss rigging down and hazards associated. Rig down cement truck and iron.
Report Start Date: 1/11/2015
Com
TIF Safety Meeting W/ Fesco crew . Tenet # 1 Always operate within design and enviromental limits . Discuss JSA, SWA, and discuss hazards of N/U Frac stack., pinch points,hand placements,hand placement. Stressed SWA and good communication for job.
Fesco removes night cap N/U frac stack. Lay containment mat for line,plug catcher, and manifold. Remove contaminated cement from Open top tanks.
Pressure frac stack to 250 psi low and 9000 psi high.
Attempt to pressure test IC with 0 psi on production casing. Pressure up on casing to 600 psi and pressure bleed down in 5 minutes to 400 psi. Pressure up IC to 800 psi 5 minutes pressure down to 450 psi. Bring pressure up to 600 psi. Pressure falls to 350 psi in 10 minutes. Bring pressure up to 650 psi in 10 minutes pressure down to 400 psi.Bring pressure up to 800 psi in 10 minutes pressure down to 400 psi.Pressure up to 1000 psi on IC in 30 minutes pressure falls to 300 psi. Pressure falls 400 psi in first 2 minutes of test. These 1000 psi pressure up are taking from 2.5 to 5 gallons to achieve. Bleed off pressure. Pressure up production casing to 1000 psi and isolate pressure. Then pressure up on IC to 1000 psi and close gauge on IC to isolate annlus from gauge. Valve holds and see no bleed off to test intgerity of bleed off valve. Open IC back up and pressure up to 1000 psi and hold for 1/2 hour. Pressure bleeds down to 400 psi in 30 minutes. Bleed off IC and then line up and bleed off the 1000 psi on production casing. Secure well.
Report Start Date: 1/12/2015
Com
TIF Safety meeting. Tenet # 2 Always operate in a safe and controlled condition..Discussed JSA,SWA, Hazards associated with job of making RCBL run. . Pinch points, Moving equipment, heavy lift pressure during testing,frozen due to cold weather, high wind. ,Discussed emergency proceedures. Stressed the need for good communicaiton while job is in progress . Stressed SWA to insure everryone is aware of conditions. Stressed using tag line due to high wind.
R/U E line unit to run RCBL
Pressure up production csg. to 1500 psi and isolate 107 Gal. Line up on intermediate casing and pressure up to 600 psi.Pressure falls to 300 psi . Line back up on production casing and pressure up to 1900 psi. Line up on intermediate casing and pressure up to 1000 psi. in 30 minutes pressure bleed off to 350 psi. Bleed off intermediate casing and line up and bleed off production casing.
Complete R/U Test lubricator 2000 psi.
RIH logging w/CBL. At 9750' log well up with 1500 psi on production casing
R/D E line unit.
Report Start Date: 1/13/2015
Com

BASIC ENERGY SERVICES

1721

Research & Development Laboratory
110 West County Road 114
MIDLAND,TEXAS 79702
Tel. (432)687-1994 Fax (432) 687-0066

Customer: **Chevron**
Well Name: **Moose's Tooth 29-26-33 1H**
County: **Eddy**
District: **Midland**
Lab Analyst: **Alain**

TVD: **5800 ft.**
MD: **5800 ft.**
BHST: **124°F**
BHCT: **110 °F**

Test Date: **1/12/2015**
Requested By: **Erick**
Stage Number: **Squeeze**
Slurry: **Lead**
Blend Type: **Field**

Slurry Information

Mix Water: **9.60 gal/sk**
Density: **12.80 ppg**
Yield: **1.83 cuft/sk**

Mix Water %: **92.05**
Mud Density: **8.34 ppg**

Cement Blend:	Super C
Kol-Seal	2.00 lb/sk
C-45	0.40 % bwoc
STE	5.00 lb/sk
C-44	0.20 % bwoc
C-12	0.40 % bwoc
C-43	0.500 % bwoc

Thickening Time @ 110°F

Time to Temp	Time	Bc	Final Pressure
66	2:48	70	4000 psi

Compressive Strengths @ Not Requested

Time

Fluid Properties

Temperature	FL	FW
80°F		

Rheological data (cP)

300	200	100	6	3
68	61	50	32	19

Comments

BASIC ENERGY SERVICES

1721

Research & Development Laboratory
110 West County Road 114
MIDLAND,TEXAS 79702
Tel. (432)687-1994 Fax (432) 687-0066

Customer: **Chevron**
Well Name: **Moose's Tooth 29-26-33 1H**
County: **Eddy**
District: **Midland**
Lab Analyst: **Alain**

TVD: **5800 ft.**
MD: **5800 ft.**
BHST: **124°F**
BHCT: **110 °F**

Test Date: **1/12/2015**
Requested By: **Erick**
Stage Number: **Squeeze**
Slurry: **Lead**
Blend Type: **Field**

Slurry Information

Mix Water: **9.01 gal/sk**
Density: **13.00 ppg**
Yield: **1.75 cuft/sk**

Mix Water %: **86.41**
Mud Density: **8.34 ppg**

Cement Blend:	Super C
Kol-Seal	2.00 lb/sk
C-45	0.40 % bwoc
STE	5.00 lb/sk
C-44	0.20 % bwoc
C-12	0.40 % bwoc
C-43	0.500 % bwoc

Thickening Time @ 110°F

Time to Temp	Time	Bc	Final Pressure
66	2:46	70	4000 psi

Compressive Strengths @ 124°F

Time	UCA CS
8 Hr.	298 psi
12 Hr.	475 psi
24 Hr.	923 psi
50 psi	6:00
500 psi	13:26

Fluid Properties

Temperature	FL	FW
80°F		

Rheological data (cP)

300	200	100	6	3
68	61	50	32	19

Comments

BASIC ENERGY SERVICES

1721

Research & Development Laboratory
110 West County Road 114
MIDLAND,TEXAS 79702
Tel. (432)687-1994 Fax (432) 687-0066

Customer:	Chevron	TVD:	5800 ft.	Test Date:	1/12/2015
Well Name:	Moose's Tooth 29-26-33 1H	MD:	5800 ft.	Requested By:	Erick
County:	Eddy	BHST:	124°F	Stage Number:	Squeeze
District:	Midland	BHCT:	110 °F	Slurry:	Lead
Lab Analyst:	Alain			Blend Type:	Field

Slurry Information

Mix Water: 8.47 gal/sk
Density: 13.20 ppg
Yield: 1.68 cuft/sk

Mix Water %: 81.24
Mud Density: 8.34 ppg

Cement Blend:	Super C
Kol-Seal	2.00 lb/sk
C-45	0.40 % bwoc
STE	5.00 lb/sk
C-44	0.20 % bwoc
C-12	0.40 % bwoc
C-43	0.500 % bwoc

Thickening Time @ 110°F

Time to Temp	Time	Bc	Final Pressure
66	2:30	70	4000 psi

Compressive Strengths @ Not Requested

Time

Fluid Properties

Temperature	FL	FW
80°F		

Rheological data (cP)

300	200	100	6	3
68	61	50	32	19

Comments

BASIC ENERGY SERVICES

PRESSURE PUMPING

Midland Yard #1721 - Phone 432-687-1994 - P.O. Box 10451
Midland, Texas 79702

Job Log

Customer:	CHEVRON	Cement Pump No.:	84850	Operator TRK No.:	73175		
Address:		Ticket #:	1721-10032B	Bulk TRK No.:	15	18	
City, State, Zip:		Job Type:	SQZ				
Service District:	MIDLAND, TX	Well Type:	PRODUCTION				
Well Name and No.:	MOOSES TOOTH 29-26-33 #1	Well Location:	JAL	County:	LEA	State:	NM

Type of Cmt	Sacks	Additives	Truck Loaded On		
SUPER C THIX	820	THIXOTROPIC	15	Front	Back
CLASS C	127	NEAT	18	Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Yield	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:				820	Man Hours:	
Tail:				127	# of Men on Job:	

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps T	Pumps C	Pressure(PSI) Tubing	Pressure(PSI) Casing	Description of Operation and Materials
9:56AM							ARRIVE ON LOCATION
10:20AM							JSA
10:34AM							RIG UP CREW
12:03 PM					2000		PRESSURE TEST 2000 PSI
12:04PM	1	10				0-530	PUMP 10 BBLS MUD FLUSH
12:34PM	3	40				530-710	PUMP 40 BBLS FRESH WATER SPACER
12:45PM	3	15				710-515	PUMP 15 BBLS FLOW SEAL
1249PM	3	10				515-490	PUMP 10 BBLS FRESH WATER
12:56PM	3	261				710-190	PUMP 820 SKS
2:36PM						190-0	SHUT DOWN / WASH UP
5:50PM	0.25	7				90-980	PUMP 7 BBLS @ 14.8 90-980 PSI
6:00PM							SHUT DOWN / WASH UP
6:43PM	0.33	0.5				0-825	DISPLACE CSG .5 BBLS 0-825 PSI
6:50PM						825	CLOSE IN WELL W/ 825 PSI
7:00PM							RIG DOWN MOVE OUT

9 5/8 # 40	SHOE	4833				TYPE		
5 1/2#17	TOC	5190		New / Used		Packer		Depth
						Retainer		Depth
						Perfs		CIBP

Customer Signature:	David Bush	Basic Representative:	VINCE SANDOVAL
		Basic Signature:	
		Date of Service:	1/10/2015