Form 3160-4 (August 2007)

UNITED STATES OCD HOBSES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENTS

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

			BUKEA	UOFL	ANDI	IANAG	EMENT				- 1		Expires. 3	aly 51, 2010
	WELL (COMPLE	ETION C	R RE	COM	PLETIC	N REP	ORT	AND L	.og			se Serial No. MNM27506	
Ia. Type of	f Well 🛮	Oil Well	Gas w Well		Dry rk Over	□ 0 □ De		7 Plug	Rack	□ Diff. R		5. If I	ndian, Allottee	or Tribe Name
b. Type o	r Completion	Other	/1	end			ереп [_ Flug	Back	□ Dill. K	esvi.	7. Uni	t or CA Agree NNM134673	ement Name and No.
Name of CHEVE	f Operator RON USA IN	CORPOR	ATED E	-Mail: (NDY H M RILLO@C			Л	1		se Name and '	Well No. TH 29 26 33 FED COM 1H
3. Address	15 SMITH MIDLAND	ROAD , TX 7970)5				3a. Ph Ph: 5	one No 75-263	o. (include 3-0431)	s ocu	9	API	Well No. 30-	-025-42168-00-S1
4. Location	of Well (Re	port location	n clearly ar 3E Mer Ni	id in acc	cordance	with Fed	eral require					10. Fi	eld and Pool, o	or Exploratory S263319P
At surfa	ace NWNV	V 200FNL	330FWL 3	32.0210 29 T26	S R33E	Mer NN)1275 W I IP	_on	NOV 0	2 2015		11. Se	c., T., R., M.,	or Block and Survey T26S R33E Mer NMP
At total		reported bel 32 T26S NW 1229F	R33E Mer	NMP	OFNL 33	80FWL					<u> </u>		ounty or Parish	
14. Date S ₁ 11/14/2	pudded	1400 12231	15. D		Reached	i	16	D&.	Complet A	ed Ready to P	rod.	_		KB, RT, GL)*
18. Total D	Depth:	MD	1650	1	19. Plu	ig Back T	.D.: 1	03/11 MD	1/2015	401		Bridg	ge Plug Set:	MD
	lectric & Oth	TVD er Mechani	cal Loge P	un (Sub	mit conv	of each)	7	TVD		22 Was s	well cored?	10	No Y	TVD (es (Submit analysis)
CCL C	CL			7,50		or cacify				Was I	OST run? tional Surv	D	No Y	/es (Submit analysis) /es (Submit analysis)
23. Casing a	nd Liner Reco			set in w		Bottom	Stage Cer	menter	No. c	of Sks. &	Slurry V	'al		
Hole Size	Size/G	rade	Wt. (#/ft.)	(MI		(MD)	Dept			of Cement	(BBL		Cement Top*	Amount Pulled
17.500		75 H-40	48.0		_	846				965		\dashv		0
12.250 8.750		HCK-55 ICP-110	40.0 17.0		\rightarrow	4834 16500		_		1530 2155		_		0
0.750	3.3001	101-110	17.0			10300				2100				
		-			_							-		
24. Tubing	Record													
	Depth Set (M		ker Depth	-	Size	Dept	h Set (MD)) P	acker De	pth (MD)	Size	Dep	th Set (MD)	Packer Depth (MD)
2.875	ng Intervals	9663		9663		126	Perforatio	n Peco	ard					
	ormation		Top		Botton				Interval		Size	No	o. Holes	Perf. Status
A)	BONE SPI	RING		0583		382	1011		0583 TC	16382	Size	TNO		ODUCDING- (97955) BONI
B)														
C)														
D)	ractura Treat	mant Came	ant Coupeage	Etc										
	Depth Interva		ent Squeeze	, Elc.				Ar	nount and	d Type of M	[aterial			-
		3 TO 1660	1 ACIDIZE	D WITH	1 6000 G	ALLONS	15% FE AC	_	mount un	a Type of it.	ideriai			
	1058	3 TO 1660	1 FRAC V	327,22	6 LBS T	OTAL PRO	OPPANT 24	47,890	LBS 30/6	0 PREMIUN	WHITE &	16,519	LBS 1000 ME	SH
			+											
28. Product	ion - Interval	A										11	CLDILI	LOD DECODO
Date First	Test	Hours	Test	Oil	Gas		Water	Oil Gra		Gas		oduction	Method	I FUR RECURD
Produced 03/11/2015	Date 03/15/2015	Tested 24	Production	BBL 116.	0 MCI	235.0	3325.0	Corr. A	API	Gravity	-		FLOWS F	ROM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	,	Water	Gas:Oi	il	Well St	tatus		OCT	2 9 2015
Size 37/64	Flwg. 575 SI	Press. 580.0	Rate	BBL 116	MC	235	3325	Ratio		P	ow			dla
28a. Produc	ction - Interva	l B				7 -			54	No.		р	LIDEALL OF I	AND MANACEMENT
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL	Oil Gra		Gas Gravity			UTILITY OF	AD FIELD OFFICE
03/11/2015	03/15/2015	24		116.		235.0	3325.0			J. J				ROM WELL
Choke Size	Tbg. Press. Flwg. 575	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MC		Water BBL	Gas:Oi Ratio	il	Well S	atus			11
37/64	SI SI	580.0		116		235	3325			P	wow			KAZ

⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #304409 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Color Top Press Flow													
Date													
Size	Produced	Date	Tested		BBL	MCF	BBL						ELL
37764 St 90.00 116 235 3325 POW. DEEP FOR TOO - Interval D - Deep Form Too - Interval D - Deep Form Too - Dee	Choke									Well Status			
Time				Rate	1000	100000	The second secon	Ratio		POW			
Date	28c. Produc	ction - Interva	ıl D										
2011/2015 041/2015 041 241	Date First										Production Met	nod	
Date To Park 18 1				Production				Corr. API		Gravity		FLOWS FROM WE	=11
29. Disposition of Gast/Sold, used for fuel, vented, etc.) 29. Disposition of Gast/Sold, used for fuel, vented, etc.) 30. Summary of Porous Zones (Include Aquifers): 30. Summary of Porous Zones (Include Aquifers): 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval testsd, cushion used, time tool open, flowing and shut-in pressures and recoverties. Formation Top Bottom Descriptions, Contents, etc. Name Top All Solo All Markers Name Top CASTILE 741 3000 ANH/DRITE BELL CANYON 4813 4870 SS BRUSHY CANYON 4813 4870 SS BRUSHY CANYON 4871 5850 SS BRUSHY CANYON 581 580 BONE SPRING 7561 BONE SPRING 7561 BONE SPRING 7561 BONE SPRING 1ST 9998 10158 32. Additional remarks (include plugging procedure): LOWER AVALON 1079 9028 9646 SHALELS SHALELS SHALELS SHALELS SHALELS SHALELS SHALELS 30. SHALELS SHALELS SHALELS 30. SHALELS SHALELS 30. SHALELS SHALELS 30. SHALELS SHALELS 30. ST Report 4. Directional Survey 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 #304409 Verified by the BLA Well Information System. For CIEVEN ON SIA MORPHY Signature (Electronic Submission) Date Og609/2015 Title PERMITTING SPECIALIST 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	Choke			24 Hr.	Oil	Gas	Water	Gas:Oil		Well Status			This.
29. Bisposition of Gas(Sold, used for fuel, vented, etc.) Sol D 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tens, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recovertes. Formation Top Bottom DoLOMITE Formation, Top RUSTLER 741 3000 AHHYDRITE CASTILE 3001 ASS AHHYDRITE CASTILE 3000 AHHYDRITE CASTILE 3001 ASS AHHYDRITE CHERRY CANYON 4831 ASS BUSH SPRING CHERRY CANYON 4831 BUSH CANYON 4831 BUSH CANYON 4831 BUSH CANYON 5851 BUS	A4/64		Press.	Rate		1000000		Ratio		POW			
30. Summary of Porous Zones (Include Aquifers): Show all important zones of prossity 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. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Meas.	29. Disposi		old, used f	or fuel, vent		7.0	13.55			1011			
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Depth Meas.		ry of Porous	Zones (Inc	lude Aquife	rs):					31. F	ormation (Log)	Markers	
RUSTLER CASTILE CASTIC CASTILE CASTILE CASTIC CASTILE CASTILE CASTIC CASTIC CASTILE CASTIL CASTIC CASTIL	tests, in	cluding depth											
RUSTLER CASTILE CASTILE 741 3000 ANYODITE LAMAR LS 3001 4830 LIMESTONE BELL CANYON 4831 4830 CHERRY CANYON 4831 4870 SS SHUSHY CANYON 5851 The Spring 7560 SS SHALE LS SONE SPRING 1ST SONE SPRING SAND TOP 9647 SHALE LS SONE SPRING SHALE TOP 9998 BOTTOM 9967 SSLS 1ST BONE SPRING SHALE TOP 9998 BOTTOM 9067 SSLS 1ST BONE SPRING SHALE TOP 9998 BOTTOM 9067 SSLS 1ST BONE SPRING SHALE TOP 9998 BOTTOM 10158 SHALE LS STREWISED SUNDRY** PLEASE FIND ATTACHED CEMENT JOB FOR ABOVE WELL 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) S. Sundry Notice for plugging and ecement verification S. Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #304409 Verified by the BLM Well Information System. For CHEVRON USA INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by LINDA JINENZE on 8006/02015 (ISLJ1398SE) Name (please print) CINDY H MURILLO Title PERMITTING SPECIALIST 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.	F	ormation		Тор	Bottom		Descriptio	ns, Content	ts, etc.		Nam	e	
CASTILE 741 3000 ANHYDRITE BELL CANYON 4831 4830 SOUTH 4831 4870 SOUTH 4830 SOUTH 4831 4870 SOUTH 4831	RUSTLER				740	DO	LOMITE			1	AMARIS		
BRUSHY CANYON 5851 7560 SS BONE SPRING 7561 8979 581ALE/LS 8975 SHALE/LS SH	CASTILE LAMAR LS	YON		3001	3000 4830	AN	HYDRITE IESTONE			B	ELL CANYON HERRY CAN	YON	4831 4871
BONE SPRING AVALON BONE SPRING 1ST BONE SPRING	CHERRY C	CANYON		4871	5850	SS				В	ONE SPRING		7561
AVALON BONE SPRING 1ST 9998 9988 9028 9646 9997 SAND SS/LS SAND SS/LS SHALE/LS 32. Additional remarks (include plugging procedure):	BONE SPR			7561	8979	SH						1ST	
32. Additional remarks (include plugging procedure): LOWER AVALON TOP 9028 BOTTOM 9646 SHALEAS 1ST BONE SPRING SAND TOP 9647 BOTTOM 9997 SSAS 1ST BONE SPRING SHALE TOP 9998 BOTTOM 10158 SHALEAS 1ST BONE SPRING SHALE TOP 9998 BOTTOM 10158 SHALEAS "REVISED SUNDRY"* PLEASE FIND ATTACHED CEMENT JOB FOR ABOVE WELL. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set reg'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 #304409 Verified by the BLM Well Information System. For CHEV RON USA INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 08/06/2015 (15LJ1398SE) Name(please print) CINDY H MURILLO Title PERMITTING SPECIALIST 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	AVALON									- 1			
32. Additional remarks (include plugging procedure): LOWER AVALON TOP 9028 BOTTOM 9646 SHALEAS 1ST BONE SPRING SHAND TOP 9627 BOTTOM 9997 SSAS 1ST BONE SPRING SHALE TOP 9998 BOTTOM 10159 SHALEAS "REVISED SUNDRY" PLEASE FIND ATTACHED CEMENT JOB FOR ABOVE WELL. REVISED PER NMOCD. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 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 #304409 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 (15LJ1398SE) Name(please print) CINDY H MURILLO 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													
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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	Signatu	re	Electronic	Submissi	on)			D	ate 06/09/2	2015			
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 fradulent statements or representations as to any matter within its jurisdiction.	Digitalia			2 - 2 - 1 1 1 1 2 1 1					20,007	-3.0			
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BASIC ENERGY SERVICES



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

Requested By: Erick Stage Number: Squeeze BHCT: 110 °F Slurry: Lead

Blend Type: Field

Test Date: 1/12/2015

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:	nt Blend: Sup			
	Kol-Seal	2.00 lb/sk		
	C-45	0.40 % bwoo		
	STE	5.00 lb/sk		
	C-44	0.20 % bwo		
	C-12	0.40 % bwo		
	C-43	0.500 % bwo		

Thickening Time @	2	110°	F
Time to Temp	Time	Вс	Final Pressure
66	2:48	70	4000 psi

Compressive Strengths @	Not Requested
Time	

300 200	100	6	2
		U	3
68 61	50	32	19
	68 61	68 61 50	68 61 50 32

Comments	

BASIC ENERGY SERVICES



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.

внят: 124°F внст: 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:	S	Super C
	Kol-Seal	2.00 lb/sk
	C-45	0.40 % bwoo
	STE	5.00 lb/sk
	C-44	0.20 % bwo
	C-12	0.40 % bwo
	C-43	0.500 % bwo

hickening Time @		110°	F
Time to Temp	Time	Вс	Final Pressure
66	2:46	70	4000 psi

Compressive St	rengths @	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	

luid Properties			Rheological data (cP)					-
Temperature	FL	FW	300	200	100	6	3	
80°F			68	61	50	32	19	

omments	

BASIC ENERGY SERVICES



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

внст: 110 °F

Test Date: 1/12/2015 Requested By: Erick Stage Number: Squeeze

Slurry: Lead
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 % bwoo			
	STE	5.00 lb/sk			
	C-44	0.20 % bwoo			
	C-12	0.40 % bwoo			
	C-43	0.500 % bwoo			

hickening Time @	9	110°	F
Time to Temp	Time	Вс	Final Pressure
66	2:30	70	4000 psi

Compressive Strengths @	Not Requested
Time	7/40

luid Properties	de ding the		Rheological data (cP)					
Temperature	FL	FW	300	200	100	6	3	
80°F			68	61	50	32	19	

Comments	PART PARTY	



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

PRESSURE PUMPING Job Log

Customen		CHEVRON			Cement Pump No	. 84	850	Operator TRK No.	7317	75	
Address					Ticket 6	1721-	10032B	Bulk TRK No.	15		
City, State, Zip:					Job Type	id.	SQZ				
Service District:		MIDLAND, TX			Well Type			PRODUCTION			
ell Name and No.1	MOOSE	S TOOTH 29-2	_	#1	Well Location	JAI	т —				
Type o		Sacks			Additives		Truck Loaded On				
			_				-		1		
SUPER	CTHIX	820			THIXOTROPI	С	15 From		Front	Bac	
CLAS	SC	127			NEAT			18	Front	Bac	
	JUL 1								Front	Baci	
Lead/	Tail:	Weight #1 Gal.	Yi	eld	Water Re	quirements	CU. FT.	Man	Hours / Person	nel	
Lea	ad:						820	Man Hours:			
Ta	il:						127	# of Man on Job:			
Time		Volume	Pu	ımps	Pres	sure(PSI)		Description of Oper	ration and Materials	3	
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing					
9:56AM								ARRIVE ON	LOCATION		
10:20AM								JSA	A		
10:34AM								RIG UP	CREW		
12:03 PM					2000			PRESSURE TE	EST 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	PU	MP 7 BBLS @	14.8 90-980 PS	SI	
6:00PM								SHUT DOWN	/ WASH UP		
6:43PM	0.33	0.5				0-825	DIS	PLACE CSG .5	BBLS 0-825 P	SI	
6:50PM						825		CLOSE IN WEL	L W/ 825 PSI		
7:00PM					-			RIG DOWN I	MOVE OUT		
1											
1 4											
9 5/8 # 40	SHOE	4833					TYPE	T	-		
					New / Used		Packer		Depth		
5 1/2#17	TOC	5190			New / Used						
							Retainer Perfs	-	Depth CIBP		
		/				D- 1- D	-	101			
		Vand 1	13			Basic Represe	THE RESERVE OF THE PARTY.	VIN	CE SANDOVA	11	
stomer Sign	ature:	Jana /	N	var		Basic Signatur		100	-		
	`				Date of Service	e:	1/10/2015				