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										103	Re.	-					
	Form 3160-4 (August 2007) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OF DECOMPLETION DEPOPT AND LOG UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT																
BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG 5. Lease Serial No.								31, 2010									
	WELL COMPLETION OR RECOMPLETION REPORT AND LOG									NMNM118723							
	1a. Type of Well     Image: Gas Well     Image: Dry     Other       b. Type of Completion     Image: New Well     Image: Work Over     Image: Deepen     Plug Back     Diff. Res									esvr.	6. If Indian, Allottee or Tribe Name						
		,	Othe							-		7. Unit or CA Agreement Name and No.					
	2. Name of CHEVE	2. Name of Operator CHEVRON USA INC Contact: DENISE PINKERTON E-Mail: leakejd@chevron.com										8. Lease Name and Well No. SD WE 15 FED P9 6H					
	3. Address	1616 W. I HOBBS, I						Phone No. 432-68	o. (include a 7-7375	rea code)		9. API Well No. 30-025-43641-00-S1				/	
	4. Location	of Well (Re	port locati	on clearly ar	d in accord	ance with	Federal re	quirements	)*		10. Field and Pool, or Exploratory JENNINGS						
				446FEL 32				V Lon				11. Sec., T., R., M., or Block and Survey or Area Sec 15 T26S R32E Mer NMP					
			1	elow NW		L 1351FE	iL.					12. County or Parish 13. State					
	At total 14. Date Sp 04/20/2		NE 173F		ate T.D. Re	ached		16. Date Completed					LEA   NM     17. Elevations (DF, KB, RT, GL)*				
	04/20/2	2017		05	/26/2017			D & A Ready to Prod. 10/14/2017					3157 GL				
	18. Total D	epth:	MD TVD	13923 8988	3 19	. Plug Ba	ck T.D.:	MD TVD	1386	55	20. Dep	oth Bri	dge Plug Se	t: ]	MD TVD		
	21. Type E CBL	lectric & Oth	ner Mecha	nical Logs R	un (Submit	copy of ea	ich)		Was DST run? 🛛 No 🗖 Yes (Submit						s (Submit analysis) s (Submit analysis)		
	23. Casing a	23. Casing and Liner Record (Report all strings set in well)								Direct	tional Su	rvey?	No No	X Yes	(Submit analysis)		
	Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Botto		e Cementer Depth	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Slurry (BB		Cement	Гор*	Amount Pulled		
	17.500	13	Material         Material         (MD)         (MD)           13.375 J55         54.5         0         655				<u> </u>	Depth Type of Cement (BE 827					0				
	12.250	2.250 9.625 L80 40.0 0 4497					1494 1745					2750					
	8.750	5.500 F	109-110	20.0		0 13	913			1740				2750			
	24. Tubing					1											
/	Size 2.875	Depth Set (N	AD) P: 8665	acker Depth	(MD) 8665	Size I	Depth Set (	(MD) P	acker Depth	n (MD)	Size	De	epth Set (M	D)	Packer Depth (MD)		
1	25. Produci		00001		00001		26. Perfo	ration Reco	ord								
BC	FO		SHAL	Тор	H	Bottom		Perforated Interval Size 9260 TO 13741				1	No. Holes	PRO	Perf. Status DUCING **SEE DET		
DC		SPRING U			9260	13741			3200 10 1	5741					DOCING SEE DE		
C)     D)       27. Acid, Fracture, Treatment, Cement Squeeze, Etc.																	
Depth Interval     Amount and Type of Material       9260 TO 13741     FRAC WITH TOTAL PROPPANT - 7,508,028.00 LBS **SEE DETAILED FRAC SUMMÄRY																	
												ACCEPTED FOR RECORD					
	28. Product Date First	28. Production - Interval A Date First Test Hours Test Oil Gas Water						Oil G	Oil Gravity Gas			Production Method					
	Produced 11/01/2017	Date 12/12/2017	Tested 24	Production	BBL	MCF	BBL	Соп.		Gravity				S FRO	DM WEHLA		
	Choke Size		Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio		Well St			1	mos	45		
	55/64 28a. Produc	si tion - Interva	6.0 al B		758	1670	178	04	2203		WO	B	UREAU O	- LAN	D MANAGEMENT	1	
	Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr.		Gas Gravity		Product	ion Method	5.4 <u>()</u> F	ED P. HCE		
	Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio	il	Well St	ratus						
	(See Instruct	ions and spa	ces for add	litional data	on reverse	side)	WEII	INFORM	TION SV	TEM							
	ELECIKU	** BI	-M REV	/ISED **	BLM RE	VISED	** BLM	REVISE	ED ** BL	M REV							
								ŀ	Reclan	natio	nd	ue	04/	14/1	2018		
											-		/	1			

Produced       Date       Tested       Production       BBL       MCF       BBL       Corr. API       Gravity         Choke       Tbg. Press. Size       Tbg. Press. S1       Cas. Press. S1       Cas. Press. S1       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       Oil Production       Gas BBL       MCF       Water BBL       Oil Gravity Corr. API       Gas Gravity       Production Method         Choke       Tbg. Press. Size       Test Five, S1       Cas. Press. S1       24 Hr. Production       Oil BBL       Gas MCF       Water BBL       Gas.Oil Ratio       Production Method         Oil Gravity Corr. API       Gas. Gravity       Production Method         Choke       Tog. Press. Size       Cas. Press. S1       24 Hr. Rate       Oil BBL       Gas. MCF       Water BBL       Gas.Oil Ratio       Well Status       Production Method         Solution of Gas/Sold, used for fuel, vented, etc.         Solution of Gas/Sold, used for fuel, vented, etc.         Solution of Gas/Sold, used for fuel, vented, time tool open, flowing and shut-in pressures and recoveries.       31. Formation (Log) Markers <t< th=""><th>28b. Produ</th><th>uction - Interv</th><th>al C</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	28b. Produ	uction - Interv	al C													
Other Property Press	Date First	Test	Hours									Production Method				
Size       Production       Name	Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		Gravity						
28: Production - Interval D       1         Date       Disposition of Gats/Sold, and of productive visited of productiv										Well Status						
Due Find         Test         Find	28c Produ		1D													
Date         Tend         Induction         BBL         MCF         BBL         Curr. API         Gravity           Chiele         The Press         22.         24.         Curr. API         Gar. OU         Well         Gar. OU         Well         State         The Press	-		-	Test	Oil	Gas	Water	Oil Gravity		Gas		Production Method				
Size       Price       Price       Not       BBL       MCT       BBL       Pation         29. Disposition of Cand/Sold, used for fuel, vented, etc.)       30.       Summary of Porous Zones (Include Aquifers):       31. Formation (Log) Markers         30. Summary of Porous Zones (Include Aquifers):       31.       Source Interval tested, cushion used, time tool open, flowing and shurt-in pressures and recoveries.       31. Formation (Log) Markers         Stow all inportant Zones of Porous Zones (Include Aquifers):       31.       Contents, etc.       Name       Top         ACASTILE       2713       4640m       Descriptions, Contents, etc.       CASTILE	Produced															
SolD         30. Summary of Provis Zones (Include Aquifers): tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.       31. Formation (Log) Markers	Size Flwg. Press. Rate BBL								Well Status							
30. Sammary of Porous Zones (Include Aquifers):       31. Formation (Log) Markers         Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, 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         CASTILE       2713       4528       AN+YDRTE       CASTILE       ZASTILE			Sold, used f	for fuel, vent	ed, etc.)							S				
Show all ingornant zones of porosity and contents thereof. Cored intervals and all dill-seen interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. <ul> <li></li></ul>			Zones (Inc	lude Aquife	rs):					31	. For	mation (Log) Markers				
Formation         Top         Bottom         Descriptions, Contents, etc.         Name         Meas. De           CASTILE         2713         4528         ANHYDRITE         CASTILE         CASTILE         2713         4528         2713         4528         2713         4528         2713         4529         5270 <t< td=""><td>Show tests, i</td><td>all important a ncluding dept</td><td>cones of po</td><td>rosity and co</td><td>ontents there</td><td>eof: Cored in e tool open,</td><td>ntervals and a flowing and s</td><td>ll drill-stem shut-in press</td><td>sures</td><td></td><td></td><td></td><td></td></t<>	Show tests, i	all important a ncluding dept	cones of po	rosity and co	ontents there	eof: Cored in e tool open,	ntervals and a flowing and s	ll drill-stem shut-in press	sures							
DELAWARE       4529       4556       LIMESTONE       DELAWARE       4529         BELL CARYON       4557       5520       SANDSTONE       BELL CARYON       4557         CHERRY CANYON       5521       7109       SANDSTONE       BELL CARYON       6511         BUSHY CARYON       6716       8755       SHALE/LIMESTONE       BELL CARYON       6511         BONE SPRING LIME       6716       8755       SHALE/LIMESTONE       BONE SPRING LIME       8716         AVALON       6756       13923       SHALE/LIMESTONE       BONE SPRING LIME       8716         33. Circle enclosed attachments:       1       1       2. Geologic Report       3. DST Report       4. Directional Survey         5. Sundry Notice for plugging and cement verification       6. Core Analysis       7. Other:       4. Directional Survey         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 #398631 Verified by the BLM Well Information System. For CHEVRON WHITLOCK on UI/10/2018 (18DW0042SE)       Attack of more series and the Hobbs Series for processing by DUNCAN WHITLOCK on UI/10/2018 (18DW0042SE)         Name (please print) DENISE PINKERTON       Title PERMITTING SPECIALIST         Signature       (Electronic Submission)       Date 12/20/2017		Formation		Тор	Bottom		Description	is, Contents,	, etc.			Name	Top Meas. Depth			
CHERRY CANYON       5521       7109       SANDSTONE       CHERRY CANYON       5521       710       SANDSTONE       CHERRY CANYON       5521       710       SANDSTONE       BUSHY CANYON       575       SANDSTONE       BUSHY CANYON       575       SANDSTONE       BUSHY CANYON       575       SANDSTONE       BUSHY CANYON       571       575       SANDSTONE       BUSHY CANYON       6716       8756       876				4529	4556	LIM	LIMESTONE					CASTILE 2713 DELAWARE 4529				
BONE SPRING LIME       8716       8755       SHALE/LIMESTONE       BONE SPRING LIME       8716         AVALON       8756       13923       SHALE/LIMESTONE       BONE SPRING LIME       8756         32. Additional remarks (include plugging procedure):       33. Circle enclosed attachments:       1. Electrical/Mechanical Logs (1 full set req'd.)       2. Geologic Report       3. DST Report       4. Directional Survey         33. Liberbia (Include plugging and cement verification       6. Core Analysis       7 Other;       4. Directional Survey         34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Subrission #398611 verified by the BLM Well Information System. For CHEVRON USA INC, seet to the Hobbs Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (18DW0042SE)         Name (please print)       DENISE PINKERTON       Title PERMITTING SPECIALIST         Signature       (Electronic Submission)       Date 12/20/2017	CHERRY	CANYON		5521	7109	SAN	NDSTONE				CHERRY CANYON 5521					
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:     4. Directional Survey     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 #398631 Verified by the BLM Well Information System.     For CHEV RON USA INC, seet to the Hobbs     Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (IBDW0042SE)     Name (please print) DENISE PINKERTON     Title PERMITTING SPECIALIST     Signature (Electronic Submission)     Date 12/20/2017	BONE SP			8716	8755	SH		BONE SPRIN			NE SPRING LIME	8716				
33. Circle enclosed attachments:     1. Electrical/Mechanical Logs (1 full set reqd.)     2. Geologic Report     3. DST Report     4. Directional Survey     5. Sundry Notice for plugging and cement verification     6. Core Analysis     7 Other:     4. Directional Survey     5. Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions):     Electronic Submission #398631 Verified by the BLM Well Information System.     For CHEVRON USA INC, are to the Hobbs     Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (180W0042SE)     Name (please print) DENISE PINKERTON     Title PERMITTING SPECIALIST     Signature     (Electronic Submission)     Date 12/20/2017  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			8756	13923	SH/	ALE/LIMEST	ONE			AV	ALON	8756			
33. Circle enclosed attachments:     1. Electrical/Mechanical Logs (1 full set reqd.)     2. Geologic Report     3. DST Report     4. Directional Survey     5. Sundry Notice for plugging and cement verification     6. Core Analysis     7 Other:     4. Directional Survey     5. Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions):     Electronic Submission #398631 Verified by the BLM Well Information System.     For CHEVRON USA INC, are to the Hobbs     Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (180W0042SE)     Name (please print) DENISE PINKERTON     Title PERMITTING SPECIALIST     Signature     (Electronic Submission)     Date 12/20/2017  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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For CHEVRON USA INČ, sent to the Hobbs         Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/10/2018 (18DW0042SE)         Name (please print)       DENISE PINKERTON       Title PERMITTING SPECIALIST         Signature       (Electronic Submission)       Date 12/20/2017         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	34. I neret	by certify that	the loregoi										ons):			
Name (please print)       DENISE PINKERTON       Title       PERMITTING SPECIALIST         Signature       (Electronic Submission)       Date       12/20/2017         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			6			For CHEV	RON USA IN	NČ, sent to	the Hobl	bs						
Signature       (Electronic Submission)       Date 12/20/2017         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						r processing	g by DUNCA					,				
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	Name	(please print)	DENISE	PINKERTO	N			1 it	le PERM	TTTING	SPE	CIALIST				
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			(5)					_	10/00	0047						
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.	Signat	ure	(Electroni	c Submissi	on)			Dat	te <u>12/20/2</u>	2017						
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.																
of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	Title 18 U	.S.C. Section	1001 and T	itle 43 U.S.	C. Section 1	212, make it	t a crime for a	any person k	cnowingly	and will	fully	to make to any department or a	gency			
	of the Uni	ted States any	false, fictif	nous or frade	ulent statem	ents or repre	esentations as	to any matt	ter within	its jurisd	iction	1.				

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## Revisions to Operator-Submitted EC Data for Well Completion #398631

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	Operator Submitted							
Lease:	NMNM118723							
Agreement:								
Operator:	CHEVRON U.S.A. INC. 6301 DEAUVILLE BLVD MIDLAND, TX 79706 Ph: 432-687-7375							
Admin Contact:	DENISE PINKERTON PERMITTING SPECIALIST E-Mail: leakejd@chevron.com							
	Ph: 432-687-7375							
Tech Contact:	DENISE PINKERTON PERMITTING SPECIALIST E-Mail: leakejd@chevron.com							
	Ph: 432-687-7375							
Well Name: Number:	SD WE 15 FED P9 6H							
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 15 T26S R32E Mer NMP 12FSL 1446FEL							
Field/Pool:	JENNINGS;UPR BN SPR SH							
Logs Run:	CBL							
Producing Intervals	- Formations: UPPER BONE SPRING SHALE							
Porous Zones:	CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME UPPER AVALON							
Markers:	CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME UPPER AVALON							

## NMNM118723 CHEVRON USA INC 1616 W. BENDER BLVD HOBBS, NM 88240 Ph: 575-263-0431 DENISE PINKERTON PERMITTING SPECIALIST E-Mail: leakejd@chevron.com Ph: 432-687-7375 DENISE PINKERTON PERMITTING SPECIALIST E-Mail: leakejd@chevron.com Ph: 432-687-7375 SD WE 15 FED P9 6H NM LEA Sec 15 T26S R32E Mer NMP SWSE 12FSL 1446FEL 32.035507 N Lat, 103.658394 W Lon **JENNINGS** CBL BONE SPRINGS UPPER SHAL BONE SPRING UPPER CASTILE DELAWARE DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME AVALON CASTILE DELAWARE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIME AVALON

**BLM Revised (AFMSS)**