District I 1625 N. French I District II	Dr., Hobbs,	, NM 88240	E		State of New Minerals & N		HC	BBS OOD			Form C-104 Revised August 1, 2011
811 S. First St., A District III 1000 Rio Brazos				Oi	l Conservatio	on Division	SEP		one co	py to appr	opriate District Office
District IV 1220 S. St. France			505		20 South St. Santa Fe, NI			CHIMHD			MENDED REPORT
	I.	REQU	EST FO	R ALL	OWABLE	AND AUT	<b>CHO</b>	RIZATION	TOT	<b>FRANSP</b>	ORT
<sup>1</sup> Operator n CHEVRON	USA INC	2						<sup>2</sup> OGRID Nun	nber	4323	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	1616 W. BENDER BLVD HOBBS, NM 88240				<sup>3</sup> Reason for Filing Code/ Effective Date NEW WELL COMPLETION 09/09/2015						
	<sup>4</sup> API Number <sup>5</sup> Pool Na 30 - 025-42279 WC-025 0			S263319P	; BONE SPRIM	٩G				ool Code 955	
313	<sup>7</sup> Property Code <sup>8</sup> Property 313895		perty Nan	ne SALA	RAL		9 W	ell Number	r #4H		
II. <sup>10</sup> Su	II. <sup>10</sup> Surface Location					1.14					
Ul or lot no C	Section 19	Township 26S	Range 33E	Lot Idn	Feet from the 200'	North/South NORTH		Feet from the 1993'		West line EST	County LEA
<sup>11</sup> Bo	<sup>11</sup> Bottom Hole Location										
UL or lot no C	UL or lot no Section Township Ra		1	Lot Idn	Feet from the 280'			Feet from the 2275'	East/West line WEST		County LEA
<sup>12</sup> Lse Code F		cing Method Code P	D	onnection ate 0/2015	<sup>15</sup> C-129 Perr	nit Number	16 (	C-129 Effective	Date	<sup>17</sup> C-12	9 Expiration Date

### **III.** Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	WESTERN REFINARY	0
	ANADARKO	G

#### **IV. Well Completion Data**

<sup>21</sup> Spud Date 02/11/2015	<sup>22</sup> Ready Date 09/09//2015	<sup>23</sup> TD 13,887	<sup>24</sup> PBTD 13,754	<sup>25</sup> Perforations 9441 – 13,719	<sup>26</sup> DHC, MC			
<sup>27</sup> Hole Size	<sup>28</sup> Casing	& Tubing Size	<sup>29</sup> Depth Se	et	<sup>30</sup> Sacks Cement			
17 ½	1	3 3/8	876'		1020 SX			
12 1/4	9	9 5/8	4735'		1555 SX			
8 3/4		5 1/2	13,900		1595 SX			
TUBING		2 7/8	8689'					

V. Well Test	Data				
<sup>31</sup> Date New Oil 09/09/2015	<sup>32</sup> Gas Delivery Date 09/09/2015	e <sup>33</sup> Test Date 09/13/2015	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size 25/64	<sup>38</sup> Oil 1090	<sup>39</sup> Water 961	<sup>40</sup> Gas 1805		<sup>41</sup> Test Method FLOWING
been complied with complete to the best	at the rules of the Oil Co and that the information of my knowledge and be were-Muul	elief.	OIL Approved by:	CONSERVATION DIVIS	ION
Printed name: CINDY HERRERA	MURILLO		Title:	Petroleum	Engineer
Title: PERMITTING SPE	CIALIST		Approval Date:	08/19/1	6
E-mail Address: CHERRERAMURII	LLO@CHEVRON.COM	[			
Date: 09/25/201	5 Phone: 575-263-0	431			

E SUNDRY Do not use the abandoned we	Contact: C E-Mail: CHERRERA	EMENT TS ON WELLS Irill or to re-enter an BBS for such proposals.	OCD 5. Lease Serial No. NMNM27506 6. If Indian, Allotte 7. If Unit or CA/Ag NED 8. Well Name and N SALADO DRAM 9. API Well No. 30-025-42275 10. Field and Pool,	ee or Tribe Name greement, Name and/or No. No. W 18 26 33 FEDERAL 4H
4. Location of Well <i>(Footage, Sec.,</i> Sec 19 T26S R33E Mer NMF	T., R., M., or Survey Description) NENW 200FNL 1993FWL		11. County or Paris LEA COUNTY	Y, NM
12. CHECK APP	ROPRIATE BOX(ES) TO		NOTICE, REPORT, OR OTH	IER DATA
<ul> <li>Notice of Intent</li> <li>Subsequent Report</li> <li>Final Abandonment Notice</li> <li>Bescribe Proposed or Completed Op If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involve testing has been completed. Final A determined that the site is ready for</li> </ul>	ally or recomplete horizontally, gi ork will be performed or provide th d operations. If the operation result bandonment Notices shall be filed final inspection.) (30 FROM SALADO DRAW	<ul> <li>Deepen</li> <li>Fracture Treat</li> <li>New Construction</li> <li>Plug and Abandon</li> <li>Plug Back</li> <li>details, including estimated startin ive subsurface locations and measure e Bond No. on file with BLM/BI/ Its in a multiple completion or reco- only after all requirements, including</li> </ul>	F ACTION  Production (Start/Resume) Reclamation Recomplete Temporarily Abandon Water Disposal g date of any proposed work and app ired and true vertical depths of all per A. Required subsequent reports shall completion in a new interval, a Form 3 ling reclamation, have been complete ADO DRAW 18 26 33 FED 4ł	tinent markers and zones. be filed within 30 days 160-4 shall be filed once d, and the operator has
<ol> <li>I hereby certify that the foregoing i</li> </ol>	Electronic Submission #31	7746 verified by the BLM We RON USA INC, sent to the He	ll Information System obbs	
Name (Printed/Typed) CINDY H	MURILLO	Title PERMI	TTING SPECIALIST	
Signature (Electronic	Submission)	Date 09/25/2	015	
	THIS SPACE FOR	R FEDERAL OR STATE	OFFICE USE	
Approved By	uitable title to those rights in the su uct operations thereon. U.S.C. Section 1212, make it a cri	ubject lease Office		Date or agency of the United

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

	2007) UNITED STATES DEPARTMENT OF THE INTE BUREAU OF LAND MANAGEN SUNDRY NOTICES AND REPORTS Do not use this form for proposals to drill abandoned well. Use form 3160-3 (APD) fo SUBMIT IN TRIPLICATE - Other instruction pe of Well OI Well Gas Well Other me of Operator EVENT C Contact: CINI EVRON USA INC E-Mail: CHERERAMU ddress 16 W. BENDER BLVD DBBS, NM 88240 Cation of Well (Footage, Sec., T., R., M., or Survey Description) to c 19 T26S R33E Mer NMP NENW 200FNL 1993FWL I2. CHECK APPROPRIATE BOX(ES) TO INI YPE OF SUBMISSION Notice of Intent Subsequent Report Final Abandonment Notice C Casing Repair G Convert to Injection Scribe Proposed or Completed Operation. (clearly state all pertinent deta the proposal is to deepen directionally or recomplete horizontally, gives ach the Bond under which the work will be performed or provide the proposal is to deepen directionally or recomplete horizontally, gives ach the Bond under which the work will be performed or provide the proposal is to deepen directionally or recomplete horizontally, gives ach the Bond under which the work will be performed or provide the proposal is to deepen directionally or recomplete horizontally, gives ach the Bond under which the work will be Reformed or provide the Part Abandonement Notice C CASING SET @ 857' (CAS TW V1020 SX CEMEENT (CMT SUMMARY ATTACHED V1/115 THROUGH 02/14/15: DRILLED 116'-873' (12/15 RAN 13 3/8 SURFACE CASING SET @ 857' (CAS TW V1020 SX CEMEENT (CMT SUMMARY ATTACHED V2/2015 TRIN 95/8 INTERMEDIATE CASING & SET @ 4 (7/716 STAN 95/8) INTERMEDIATE CASING & SET @ 4 (7/716 CMT W/1595 SX CEMENT. 247 BBLS OF CEMEN (18/2015 TRIN 5 1/2 PRODUCTION CASING & SET @ 4 (7/716 CMT W/1595 SX CEMENT. 247 BBLS OF CEMEN (18/2015 RAN 5 1/2 PRODUCTION CASING & SET @ 4 (7/715 CMT W/1595 SX CMT; FULL RETURNS THRO (28/2015 RIG RELEASED AT 13:30 HRS. CHEVEN US.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime	NTERIOR	HOBBS OCD			OMB N Expires:	APPROVED O. 1004-0135 July 31, 2010
SUNDRY	NOTICES AND REPO	RTS ON WE	LLS	SEP 2	8 2015	<ol> <li>Lease Serial No. NMNM27506</li> </ol>	
Do not use th abandoned we	2007)       DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT       HOBS/COUP       PLOBART Express Lipho abaandonde well. UCICES AND REPORTS ON WELLS Do not use this form for proposals to diff or to re-enter an abandondow well. UCICES AND REPORTS ON WELLS Do not use this form for proposals.       S. Lease Serial No. MMINI/27508         SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         or Organization SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         or Organization SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         or Organization SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         or Organization SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         or Organization SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         or Organization SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         Of Competition SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         SUBMIT IN TRIPLICATE - Other Instructions on reverse side.       T. If Unit or CAAgreemen SALAD OPAW 152         SUBMIT IN TRIPLICATE	or Tribe Name					
SUBMIT IN TRI	PLICATE - Other instruc	tions on rev	erse side	e.		7. If Unit or CA/Agree	ement, Name and/or No.
<ol> <li>Type of Well</li> <li>Oil Well Gas Well Ot</li> </ol>	her						18 26 33 FEDERAL 4H
2. Name of Operator CHEVRON USA INC	Contact: E-Mail: CHERRER	CINDY H MU AMURILLO@C	RILLO	I.COM			
3a. Address 1616 W. BENDER BLVD HOBBS, NM 88240		Ph: 575-26	3-0431	rea code)			
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)	)				11. County or Parish, a	and State
Sec 19 T26S R33E Mer NMP	NENW 200FNL 1993FWL	_				LEA COUNTY,	NM
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE	NATUR	E OF NO	TICE, RE	PORT, OR OTHE	R DATA
TYPE OF SUBMISSION			T	YPE OF A	CTION		
Notice of Intent	Acidize	Deep	ben	(	Producti	on (Start/Resume)	□ Water Shut-Off
	Alter Casing	Frac	ture Treat	(	Reclama	tion	U Well Integrity
Subsequent Report	Casing Repair	□ New	Construct	tion [	Recomp	lete	Other
Final Abandonment Notice	UNITED STAT DEPARTMENT OF THE BUREAU OF LAND MAN SUNDRY NOTICES AND REP Do not use this form for proposals is abandoned well. Use form 3160-3 (A SUBMIT IN TRIPLICATE - Other instru- pe of Well Oil Well    Gas Well    Other me of Operator Contact: HEVRON USA INC E-Mail: CHERRE ddress Mdress Mdress Mdress Mdress Massed Cation of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Well (Footage, Sec., T., R., M., or Survey Description action of Mell (Footage, Sec., T., R., M., or Survey Description action of Mell (Footage, Sec., T., R., M., or Survey Description action of Mell (Footage, Sec., T., R., M., or Survey Description action of Mell (Footage, Sec., T., R., M., or Survey Description action of the involved operation (Clearly state all petri mell (Franced Time) (Final Abandonment Notices Shall be for ermined that the site is ready for final inspection.) //11/15 THROUGH 02/141/15: DRILLED 116'-873' //12/15 CMT W/1555 SX CEMENT, 247 BBLS OF C //18/2015 RAN 5 1/2 PRODUCTION CASING & SE //17/15 CMT W/1555 SX CEMENT, 247 BBLS OF C //18/2015 RAN 5 1/2 PRODUCTION CASING & SE //27/2015 RAN 5 1/2 PRODUCTION CASING & SE //27/2015 RAN 5 1/2 PRODUCTION CASING & SE //27/2015 RAN			□ Plug and Abandon □ Tempora			Drilling Operations
	Convert to Injection	Plug	Back	0	Water D	isposal	
If the proposal is to deepen direction: Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f 02/11/15 THROUGH 02/14/15 02/12/15 RAN 13 3/8 SURFAI CMT W/ 1020 SX CEMENT ( 02/14/15 THROUGH 02/18/20	ally or recomplete horizontally, p rk will be performed or provide i l operations. If the operation res andonment Notices shall be file inal inspection.) 5: DRILLED 116'-873' CE CASING SET @ 857' ( CMT SUMMARY ATTACH 015 DRILLED 883' - 4735"	give subsurface the Bond No. on ults in a multiple d only after all r (CASING SUI HED) CIRCUI	ocations and file with B completion equirements	ad measured LM/BIA. R on or recomp s, including	and true ver equired sub letion in a n reclamation	tical depths of all pertin sequent reports shall be ew interval, a Form 316 , have been completed, a	ent markers and zones. filed within 30 days 0-4 shall be filed once
02/17/15 CMT W/1555 SX CE 02/18/2015 THROUGH 02/26 02/26/2015 RAN 5 1/2 PROD 02/27/2015 CMT W/1595 SX	MENT. 247 BBLS OF CE /2015 DRILLED 4745' - 13 UCTION CASING & SET ( CMT; FULL RETURNS TH	MENT BACK 3,900' @ 13,887			IT TO SU	RFACE.	
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #3 For CHE	17748 verifie VRON USA IN	l by the Bl C, sent to	LM Well In the Hobb	formation s	System	
Name (Printed/Typed) CINDY H	MURILLO		Title P	PERMITTI	NG SPEC	IALIST	
Signature (Electronic S	Submission)		Date 0	9/25/2015	5		
	THIS SPACE FO	R FEDERA	L OR ST	TATE OF	FICE US	E	
							Dette
certify that the applicant holds legal or equ	itable title to those rights in the	not warrant or subject lease					Date
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a c statements or representations as	crime for any per to any matter wi	rson knowin thin its juris	ngly and wil sdiction.	lfully to ma	ke to any department or	agency of the United
** OPERAT	OR-SUBMITTED ** OF	PERATOR-	SUBMIT	TED ** C	PERAT	OR-SUBMITTED	**



# **Casing Summary**

	Name ADO DRAW 18-26-33 FE and Elevation (ft) Original RK	ED 004H	Lease Salado Draw Current RKB Elev		ed		Name DCAT (HOBB	S)	Mi	iness Unit d-Continent	(ft) Water Dep	oth (4)
oui	3,189.00		3,221.60, 2/1						Mud	Line Elevation	(ft) Vvater Dep	λεη (π.)
on	nductor, Planned?-N, 10	7ftKB		NALS ST	1.1.1.1.1.1	5. S. S.	Sector Sector	0.050.550				
t D	Depth (MD) (ftKB)	Set Tensio	n (kips)	String N	ominal OD (in)	20	String Min Drift (in)	18.813 Cer	ntralizers		Scratchers	
Its	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade		Top Thread	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)	Len (ft)	P Burst (psi)	P Collaps (psi)
2		20	19.000	106.50	and the second se		rop modu	27	107	80.00	2,410.0	77
		L I		College and	Statistics of	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	C. Contraction of the second	C. State Contraction			ALC: NO.	COLOR TON
	face, Planned?-N, 857ftl Depth (MD) (ftKB)	KB Set Tensio		Ctring M	ominal OD (in)	10	String Min Drift (in)	100	ntralizers		Scratchers	
10		857	n (kips)	Sungr		13 3/8		10			Scratchers	
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade		Top Thread	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)	Len (ft)	P Burst (psi)	P Collap (psi)
1		13 3/8	12.715	48.00	and the second se	STC		33	33	0.00		(00)
1	Casing Pup Joint	13 3/8	12.715	48.00	H-40	STC		33	37	4.47		
19	Casing joint	13 3/8	12.715	48.00		STC		37	810	772.92		
	Float Collar	13 3/8	12.715	48.00		STC		810	811	1.37		
1		13 3/8	12.715	48.00		STC		811	856	44.85		
_			12.715			STC						
1	Float Shoe	13 3/8	12.715	48.00	H-40	SIC		856	857	0.67		-
te	rmediate Casing 1, Plan	ned?-N, 4,7	23ftKB									
	Depth (MD) (ftKB)	,723 Set Tension		String N	ominal OD (in)	9 5/8	String Min Drift (in)	8.688 34	tralizers		Scratchers	
		00.01	10 (-)	14.0. (16. 00)		Stol.		Top Depth	Btm Depth			P Collap
ts 1	Item Des Casing Joint	OD (in) 9 5/8	ID (in) 8.844	Wt (lb/ft)	Grade HCK-55		Top Thread	(MD) (ftKB) 35	(MD) (ftKB) 35	Len (ft) 0.00	P Burst (psi)	(psi)
_	0	9 5/8	8.844		HCK-55			35				
_	Landing Joint			40.00	HCK-00				35	0.00		
_	Casing Hanger	9 5/8	8.844					35	37	2.30		
1		9 5/8	8.844		HCK-55	-		37	41	4.00		
8	Casing Joint	9 5/8	8.844	40.00	HCK-55			41	4,639	4,597.46		
1		9 5/8	8.844	40.00	HCK-55			4,639	4,640	1.47		
1		9 5/8	8.844		HCK-55			4,640	4,681	40.28		
1		9 5/8	8.844		HCK-55			4,681	4,721	40.67	3,950.0	4,23
		9 5/8									3,950.0	4,23
	Float Shoe		8.844	40.00	HCK-55			4,721	4,723	1.66		
	duction Casing, Planned	d?-N, 13,887 Set Tension		Chrise M		10		10.00	tralinera		Constation	See. S
at D	Depth (MD) (ftKB) 13.	887	n (kips)	String N	ominal OD (in)	5 1/2	string Min Drift (in)	104	tralizers 4	ľ	Scratchers	
				(Holenacorona)	190793455			Top Depth	Btm Depth		Service Service	P Collaps
			and the second se		Grade		op Thread			Len (ft)	P Burst (psi)	(psi)
-	Item Des	OD (in)	ID (in)	Wt (lb/ft)		-		(MD) (ftKB)	(MD) (ftKB)		r Durat (pai)	
1	Casing Pup Joint	5 1/2	4.892	17.00	P-110			(MD) (ftKB) -8	-8	0.00	r burst (pai)	7,48
1	Casing Pup Joint Casing Joint	5 1/2 5 1/2	4.892 4.892	17.00 17.00	P-110 P-110			(MĎ) (ftKB) -8 -8	-8 -8	0.00	r Duist (pai)	7,48
1	Casing Pup Joint Casing Joint Landing Joint	5 1/2 5 1/2 5 1/2	4.892 4.892 4.892	17.00 17.00 17.00	P-110 P-110 P-110			(MD) (ffKB) 8 8 8	-8 -8 27	0.00 0.00 35.05		7,48
1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110			(MD) (ftKB) -8 -8 -8 27	-8 -8 27 29	0.00 0.00 35.05 2.05	- Durat (pai)	7,480 7,480 7,480
1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110			(MĎ) (ftKB) -8 -8 -8 -8 27 29	-8 -8 27 29 29	0.00 0.00 35.05 2.05 0.25		7,480 7,480 7,480 7,480
1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110			(MD) (ftKB) -8 -8 -8 27	-8 -8 27 29	0.00 0.00 35.05 2.05		7,480 7,480 7,480
1 1 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110			(MĎ) (ftKB) -8 -8 -8 -8 27 29	-8 -8 27 29 29	0.00 0.00 35.05 2.05 0.25		7,480 7,480 7,480 7,480
1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (frKB) -8 -8 -8 -8 27 29 29 29 33	-8 -8 27 29 29 29 33 8,699	0.00 0.00 35.05 2.05 0.25 3.80 8,665.49		7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 8 4	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint Casing Pup Joint	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (frKB) 8 8 8 8 8 8 8 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 8 4	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint Casing Pup Joint Casing Joint	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (frKB) -8 -8 -8 -8 27 29 29 29 33	-8 -8 27 29 29 29 33 8,699	0.00 0.00 35.05 2.05 0.25 3.80 8,665.49		7,480 7,480 7,480 7,480 7,480 7,480
1 1 1 1 1 1 8 4 2 6	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint Casing Pup Joint Casing Joint	5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (frKB) 8 8 8 8 8 8 8 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36		7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480
1 1 1 1 1 1 8 4 2 6 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Joint Casing Pup Joint	5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (RKB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02		7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480
1 1 1 1 1 1 1 1 1 1 8 4 2 6 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint RSI Tool	5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (HKB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54		7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint	5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (RKB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 1 1 8 4 2 6 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Joint	5 1/2 5 1/2	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (RKB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01 40.16		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint	$\begin{array}{c} 5 \ 1/2 \\ 5 \ 1/2 \end{array}$	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (RKB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01 40.16 10.02		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint Landing Collar	$\begin{array}{c} 5 \ 1/2 \\$	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (rikB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01 40.16 10.02 1.49		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint	$\begin{array}{c} 5 \ 1/2 \\ 5 \ 1/2 \end{array}$	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (rrkB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01 40.16 10.02 1.49 39.26		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint Landing Collar	$\begin{array}{c} 5 \ 1/2 \\$	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (rikB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01 40.16 10.02 1.49		7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480 7,480
1     1       1     1       1     1       1     1       2     8       4     2       6     1       1     1       1     1       1     1       1     1	Casing Pup Joint Casing Joint Landing Joint Running Tool Casing Hanger Casing Pup Joint Casing Pup Joint Casing Pup Joint Casing Pup Joint RSI Tool Casing Pup Joint Casing Pup Joint	$\begin{array}{c} 5 \ 1/2 \\$	4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892 4.892	17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00 17.00	P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110 P-110			(MD) (rrkB) 		0.00 0.00 35.05 2.05 0.25 3.80 8,665.49 39.36 4,988.14 10.02 5.54 10.01 40.16 10.02 1.49 39.26		7,48 7,48 7,48 7,48 7,48 7,48 7,48 7,48



## **Cement Summary**

**Production Casing Cement** 

Well			Lease	10.00.00 5.4		Field Name				Business Unit Mid-Continent			
	ADO DRAW 18-26-33 Ind Elevation (ft) Original	RKB (ft)	Salado Draw Current RKB Eleva			WILDCA	T (HOBBS)				ter Depth (ft)		
	3,189.00		3,221.60, 2/1										
Orio	deal Hala						24.500.000						
	jinal Hole ore Name	10000000	Directional Type			Kick Off Dep	th (ftKB)		Vertical	Section Direction (°)			
Orig	inal Hole		Horizontal						8,739		3.25		
	Hole S	Size (in)	17 1/2		Act T	op (ftKB)		107.0		Act Btm (ftKB)	873.0		
			12 1/4					873.0			4,735.0		
<u> </u>			8 3/4			_		735.0			13,900.0		
VG	Horizontal, Vetco Gre	v on cattmets			C MARKED A		<b>,</b>	735.0		A CARLON AND AND AND AND AND AND AND AND AND AN	13,300.0		
Туре	nonzontal, vetco ore	y on suunsu				Install Date							
VG-	Horizontal												
	Des	Ma	ke	Mo	del		WP (psi)		Service		SN		
Con	ductor, Planned?-N,	107ftKB		1.0.0.000		States au		1987 B. 199					
Casin	g Description	Wellbore		Run Date		Set Depth (I	MD) (ftKB)	Stick	Up (ftKB)	Set Tension (	kips)		
	ductor	Original Hole		12/3/	2014	Scratchers		107		-27.0			
Centra	alizers					Scratchers							
	Here Day	A State State	00 (-)	10 (1-1)	140 (1-00)	Casta	Top Conn Sz	T	1	Top Depth (MD)	Btm Depth (MD)		
Jts 2	and the second se		OD (in) 20	ID (in) 19.000	Wt (lb/ft) 106.50	Grade K-55	(in)	Top Thread	Len (ft) 80.00	(ftKB) 27	(ftKB) 107		
	-	ftKB				CONTRACT/S	CALCULAR ST.						
Casin	g Description	Wellbore		Run Date		Set Depth (I	MD) (ftKB)		Up (ftKB)	Set Tension (	kips)		
Surfa	Item Des Casing Joint Ce, Planned?-N, 857ftKB Description Ce Original H Zers Item Des Landing Jt Casing Pup Joint Casing joint Float Collar Casing joint Float Shoe nediate Casing 1 Vellbore Description Vellbore N Vellbore Original H Zers			2/11/	2015	Scratchers		857		-32.5			
10	Description Wellbore Ce Original H zers Item Des Landing Jt Casing Pup Joint Casing joint Float Collar					Sciatoriers							
Jts	Casing Joint  ce, Planned?-N, 857ftKB  Description ce Criginal H  zers  tem Des Landing Jt Casing Pup Joint Casing joint Float Collar Casing joint Float Shoe  nediate Casing 1, Planned?-N, Description Wellbore Original H		OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Conn Sz	Top Thread	Len (ft)	Top Depth (MD) (ftKB)	Btm Depth (MD)		
1			13 3/8	12.715	48.00		(in)	STC	0.00		(ftKB) 33		
1	Casing Pup Joint		13 3/8	12.715	48.00	H-40		STC	4.47		37		
19	Casing joint		13 3/8	12.715	48.00	H-40		STC	772.92	37	810		
1	Float Collar		13 3/8	12.715	48.00	H-40		STC	1.37	810	811		
1	Casing joint		13 3/8	12.715	48.00	H-40		STC	44.85	811	856		
1	Float Shoe		13 3/8	12.715	48.00	H-40		STC	0.67	856	857		
	g Description			Run Date 2/15/	2015	Set Depth (I		4,723 Stick	Up (ftKB)	-35.2 Set Tension (	kips)		
Centra	•	onginarrioic		2/10/	2010	Scratchers		4,720		-00.2			
34		A	1										
Jts	Item Des	1	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Conn Sz (in)	Top Thread	Len (ft)	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)		
1	Casing Joint		9 5/8	8.844		HCK-55			0.00		35		
1			9 5/8	8.844	40.00	HCK-55			0.00		35		
1	Casing Hanger		9 5/8	8.844	10.00				2.30		37		
1	Pup Joint		9 5/8	8.844		HCK-55			4.00		41		
	Casing Joint		9 5/8	8.844		HCK-55			4,597.46		4,639		
1	Float Collar Casing Joint		9 5/8 9 5/8	8.844 8.844		HCK-55 HCK-55	-		1.47		4,640 4,681		
1	-		9 5/8	8.844		HCK-55			40.20	4,640	4,001		
	Float Shoe		9 5/8	8.844		HCK-55			1.66		4,723		
	luction Casing, Plann	ed?-N. 13.88		0.011	10.00	Hore ou			1.00	4,121	4,720		
Casing	Description	Wellbore		Run Date		Set Depth (M	MD) (ftKB)	Stick	Up (ftKB)	Set Tension (	kips)		
	uction Casing	Original Hole		2/25/	2015	Constabora	1	3,887		8.1			
Centra 104	1112015					Scratchers							
0.80		1997 B 199		15.0.1			Top Conn Sz			Top Depth (MD)	Btm Depth (MD)		
Jts 1	Item Des Casing Pup Joint		OD (in) 5 1/2	ID (in) 4.892	Wt (lb/ft) 17.00	Grade P-110	(in)	Top Thread	Len (ft) 0.00	(ftKB) -8	(ftKB) -8		
	Casing Joint		5 1/2	4.892	17.00				0.00		-8		
	Landing Joint		5 1/2	4.892	17.00				35.05		27		
	Running Tool		5 1/2	4.892	17.00				2.05		29		
	Casing Hanger		5 1/2	4.892	17.00				0.25		29		
1	Casing Pup Joint		5 1/2	4.892		P-110			3.80		33		
218	Casing Joint		5 1/2	4.892	17.00	P-110			8,665.49	33	8,699		
4	Casing Pup Joint		5 1/2	4.892	17.00	P-110			39.36	8,699	8,738		
	•												



## **Cement Summary**

#### **Production Casing Cement**

Loss Control lise         Loss Control lise         Loss Control lise         Field Name Lise         Match Loss Control lise         Match Loss Match Control lise           3.189.00         Control lise         3.216.00         3.221.60.211/2015         Match Loss Control lise         Match Loss Control li
3. 189.00         3. 216.00         3. 221.00, 211/2015           an         monose         corr of 00         to page (Mo)         Top Dept (Mo)
tem Date         Op 01         W1040         Count         Top Thread         Top Depth (M0)         Bit Depth (M0)           126         Casing Junt         5 1/2         4.892         17.00         P110         4.586.14         4.586.14           1         Casing Pup Joint         5 1/2         4.892         17.00         P110         4.002         13.728         13           1         Casing Pup Joint         5 1/2         4.892         17.00         P110         4.002         13.728         13           1         Casing Pup Joint         5 1/2         4.892         17.00         P110         4.016         13.722         13           1         Casing Joint         5 1/2         4.892         17.00         P110         14.49         13.802         13           1         Casing Joint         5 1/2         4.892         17.00         P110         2.04         13.845         13           1         Casing Joint         5 1/2         4.892         17.00         P110         2.04         13.845         13           1         Casing Joint         5 1/2         4.892         17.00         P110         CDC         1.79         13.865         13
ten         Decore         Op reg         Wither         Create         (m)         Top Threed         (m)
28 [Casing Joint       5 1/2       4.882       17.00       P-110       4.982.41       8.7.38       13         1 Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.02       13.726       13         1 Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.01       10.01       13.742       13         1 Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.02       13.752       13         1 Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.02       13.752       13         1 Casing Joint       5 1/2       4.882       17.00       P-110       2.04       13.805       13         1 Casing Joint       5 1/2       4.882       17.00       P-110       2.04       13.845       13         1 Casing Joint       5 1/2       4.882       17.00       P-110       D       4.06.0       13.845       13         1 Casing Joint       5 1/2       4.882       17.00       P-110       D       D       D       D       D       D       D       D       D       D       D       D       D       D       D       D       D       D<
1       carsing Pup Joint       5 1/2       4.892       17.00       P-110       10.02       11.37.26       13         1       RST Tool       5 1/2       4.892       17.00       P-110       10.02       13.726       13         1       Casing Pup Joint       5 1/2       4.892       17.00       P-110       10.01       13.726       13         1       Casing Pup Joint       5 1/2       4.892       17.00       P-110       10.02       13.726       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       10.02       13.726       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       14.49       13.802       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.845       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       COC       1.79       13.885       13         1       Float Shee       5 1/2       4.892       17.00       P-110       COC       1.79       13.885       13         1       Float Shee       5 1/2       4.892       17.00
1       51701       5172       4.882       17.00       P-110       5.54       13.736       13         1       Casing Pup Joint       5.12       4.882       17.00       P-110       40.16       13.742       13         1       Casing Pup Joint       5.12       4.882       17.00       P-110       40.16       13.742       13         1       Casing Pup Joint       5.172       4.882       17.00       P-110       40.16       13.742       13         1       Casing Joint       5.172       4.882       17.00       P-110       14.47       13.803       13         1       Casing Joint       5.172       4.882       17.00       P-110       2.04       13.843       13         1       Float Colar       5.172       4.882       17.00       P-110       2.04       13.845       13         1       Float Sole       5.12       4.882       17.00       P-110       CDC       1.79       13.845       13         1       Float Sole       5.12       4.882       17.00       P-110       CDC       1.79       13.845       13         1       Float Sole       1.82       13       2.26/2015
1       Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.01       13.742       13         1       Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.01       13.742       13         1       Casing Pup Joint       5 1/2       4.882       17.00       P-110       10.02       13.782       13         1       Casing Joint       5 1/2       4.882       17.00       P-110       14.40       13.802       13         1       Casing Joint       5 1/2       4.882       17.00       P-110       39.26       13.843       13         1       Casing Joint       5 1/2       4.882       17.00       P-110       2.04       13.845       13         1       Casing Joint       5 1/2       4.882       17.00       P-110       2.04       13.845       13         1       Casing Joint       5 1/2       4.882       17.00       P-110       CDC       1.79       13.845       13         1       Casing Joint       5 1/2       4.882       17.00       P-110       CDC       1.79       13.845       13         1       Casing Joint       22/2/2015       Casing Joint
1       0 casing Joint       5 1/2       4.892       17.00       P-110       40.16       13.752       13         1       Casing Jup Joint       5 1/2       4.892       17.00       P-110       10.02       13.762       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       14.04       13.862       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.843       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.843       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.843       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.845       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       0       1.04       13.845       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       0       1.04       1.04       1.04       1.04       1.04       1.04       1.04       1.04       1.04 <td< td=""></td<>
1       Casing Pup Joint       5 1/2       4.892       17.00       P-110       10.02       13.792       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       14.49       13.802       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       32.26       13.803       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.843       13         1       Casing Joint       5 1/2       4.892       17.00       P-110       2.04       13.845       13         1       Float Shoe       5 1/2       4.892       17.00       P-110       CDC       1.79       13.885       13         Production Casing Gement, Casing, 2/26/2015       Commenting Bar Casing       2/27/2015       Original Hole       0riginal Hole
1       Larding Collar       5 1/2       4.892       17.00       P-10       1.48       13.802       13.         1       Casing Joint       5 1/2       4.892       17.00       P-110       39.28       13.803       13         1       Float Collar       5 1/2       4.892       17.00       P-110       2.04       13.843       13         1       Gasing Joint       5 1/2       4.892       17.00       P-110       40.60       13.845       13         1       Float Collar       5 1/2       4.892       17.00       P-110       40.60       13.845       13         1       Float Solut       Soluton Markov Mehod       Coll       1.79       13.885       13         Production Casing Cement, Casing, 2/26/2015       Comenting End Date       Oringinal Hole       0ringinal Hole         valuation Mehod       2/29/2015       Comenting End Date       2/27/2015       Original Hole         valuation Mehod       2/29/2015       Comenting End Date       2/27/2015       Original Hole         valuation Mehod       2/29/2015       Soluton Date       2/29/2015       Soluton Date
1         Casing Joint         5 1/2         4.892         17.00         P-110         39.26         13.803         13           1         Float Collar         5 1/2         4.892         17.00         P-110         2.04         13.843         13           1         Float Shoe         5 1/2         4.892         17.00         P-110         2.04         13.845         13           1         Float Shoe         5 1/2         4.892         17.00         P-110         CDC         1.79         13.885         13           Production Casing Ceremet, Casing, 2282/2015         Casing Joint         5 1/2         4.892         17.00         P-110         CDC         1.79         13.885         13           Production Casing Ceremet, Casing, 2282/2015         Casing Joint         2/27/2015         Wellow         Original Hole         13.885         13           valuation Method         If Pressure         Casing Joint To support to thole         2/27/2015         Wellow         Original Hole           valuation Method         If Pressure         Casing Joint To support to suppor
I         Find Collar         5 1/2         4.892         17.00         P-110         2.04         13,843         13           I         Casing Joint         5 1/2         4.892         17.00         P-110         40.60         13,845         13           I         Find Shoe         5 1/2         4.892         17.00         P-110         CDC         1.79         13,845         13           Production Casing Connent, Casing, 2028/2015 23:30         Connent fing End Date         2/27/2015         Original Hole         0           Valuation Mercin         Connent Evaluation Result         Connent fing End Date         2/27/2015         Original Hole           Valuation Mercin         Connent Evaluation Result         Connent Evaluation Result         Valuation Mercin         Valuation Mercin           Virginal Hole         Connent Evaluation Result         Connent Evaluation Result         Valuation Mercin         Valuation         Valuation           Virginal Hole         Connent Evaluation Result         Connent Evaluation Result         Valuation         Valua
1         Casing Joint         5 1/2         4.892         17 00         P-110         CDC         40.80         13,845         13           1         Total Shoe         5 1/2         4.892         17 00         P-110         CDC         1.79         13,845         13           Production Casing Camert, Casing, 2/26/2015         23.30         Immerting Stat Date         Veloce         0.79         13,885         13           The Casing Camert, Casing, 2/26/2015         Camert Evaluation Results         Commert Statution Results         Veloce         0.79
1         Float Shoe         5 1/2         4.892         17.00         P-110         CDC         1.79         13.885         13           Production Casing Cement, Casing, 2/26/2015         Cameriting SimiLog         Cameriting SimiLog         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore         Original Hole           Target Casing, 2/26/2015         Cameriting SimiLog         2/27/2015         Wallbore
Production Casing Cement, Casing, 2/26/2015 223:30         Camering End Date         Wellow           Camering Bin Date         2/26/2015         Camering End Date         2/27/2015         Original Hole           Swawton Minot         2/26/2015         Camering End Date         2/27/2015         Original Hole           All Pressure         Returns throughout job (no cement to surface)         Plug did not bump.         Perform cmi tipb as follows:           Pressure test lines to 5,000 psi         Ump 20 bibs of spacer at 10 ppg.         Mix and pump 705 sx (319 bibs) of 1st lead at 11.3 ppg.         Mix and pump 705 sx (37 bibs) of 2nd lead at 12.5 ppg.           Ving 20 bibs of pos x (527 bibs) of fail at 15 ppg.         Symoth         Symoth         Symoth           Jeled off pressure – floats held.         Side off pressure – floats held.         Side off pressure – floats held.           Side off pressure – floats held.         Side off pressure (sin)         Y         Vol Cement Ret (bbh) Top Plug?         Bottom Plug?           Side off pressure (sin)         3,940.0.0         Recenters         8,764.0         Y         Vol Cement Ret (bbh) Top Plug?         Plug Bump Pressure (sin)           Signed (MD) (KRB)         Tag Method         Depth (KRB)         Tag Method         Depth Plug Diled Out To (KRB)         Plug Bump Pressure (sin)         Plug Bump Pressure (sin)         Plug Bump Pressure (sin)         <
Sementing Sian Date 2/26/2015 Cement Evaluation Results Returns throughout job (no comment to surface) Plug did not bump. Comment Plug did not Bump Plug Plug Plug Plug Plug Plug Plug Plug
valuation Method
Perform cmt lob as follows:     Prod gild not bump.       ormewt     evform cmt lob as follows:       ressure test lines to 5.000 psi     ressure test lines to 5.000 psi       ump 20 bbls of sigheer at 10 pg.     file ad at 11.3 ppg.       fik and pump 700 sx (257 bbls) of 1ail at 15 ppg.     file ad at 11.3 ppg.       fik and pump 700 sx (257 bbls) of 1ail at 15 ppg.     file ad at 11.3 ppg.       fik and pump 700 sx (257 bbls) of 1ail at 15 ppg.     file ad at 11.3 ppg.       jisplace with 322 bbl of Fresh Water and MSA     Sector 10 surface       Jiede off pressure – floats held.     Sector 10 surface       Juil returns throughout job     bbls of cmt or spacer 10 surface       Jible doet 10 3: 00     Bottom Depth (filt5)     5,764.0       g opden (filt6)     3,764.0     Full Pump Rate (bblmin)     N       N pedat (filt6)     3,764.0     Pill Pump Rate (bblmin)     Pill ad bump Pill       Pressure (ai)     Pill ad bump Pille Dump Rate (bblmin)     N     Pille Bump Pressure (ai)       Pill Pump Rate (bblmin)     Pille Pump Rate (bblmin)     Pille Bump Pressure (ai)     Pille Bump Pressure (ai)       Pille Pump Rate (bblmin)     Pille Dump Rate (bblmin)     Pille Dump Pressure (ai)     Pille Bump Pressure (ai)       Pille Bump Pressure (ai)     Dia do Larenter (rmt)     Dia do Larenter (rmt)     Dia do Larenter (rmt)       N     Pille Bump Pressure (ai)<
Plug did not bump.       Perform cmt job as follows:       Perssure test lines to 5:000 psi       Pump 20 bbls of spacer at 10 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Mix and pump 705 sx (319 bbls) of 1st lead at 1.2 5 ppg.       Displace with 322 bbl of Fresh Water and MSA       Bleed off pressure – floats held.       Did not Bump Plug       Details:       'ull returns throughout job       > 0 bbl of oft on to spacer to surface       2-ement in place at 03:30       11, 3,940.0.8,764.0ftKB       0 poblt fift(%)       3,940.0       Redprocation Streke Langth (1)       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       Y       <
Reciprocation Stroke Length (ft)     Reciprocation Rate (spm)     Pipe Rotated?     Pipe RPM (rpm)       epth Tagged (MD) (ftKB)     Tag Method     Depth Plug Drilled Out To (ftKB)     Drill Out Diameter (in)     Drill Out Date       eead
N       N         epth Tagged (MD) (ftKB)       Tag Method       Depth Plug Drilled Out To (ftKB)       Drill Out Diameter (in)       Drill Out Date         ead       class       Volume Pumped (bbl)       office
Lead     Class     Volume Pumped (bbl)       Luid Type     Fluid Description     Quantity (sacks)     Class     Volume Pumped (bbl)       .ead     705     H     3       stimated Top (ftKB)     Estimated Bottom Depth (ftKB)     Percent Excess Pumped (%)     Yield (ft <sup>9</sup> /sack)     Fluid Mix Ratio (gal/sack)       3,940.0     8,764.0     50.0     2.54     Fluid Mix Ratio (gal/sack)       1     11.30     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)
Nuide Type     Fluid Description     Quantity (sacks)     Class     Volume Pumped (bbl)       .ead     705     H     3       istimated Top (ftKB)     Estimated Bottom Depth (ftKB)     Percent Excess Pumped (%)     Yield (ft*/sack)     Fluid Mix Ratio (gal/sack)       3,940.0     8,764.0     2ero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       cement Fluid Additives     11.30     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       cement Fluid Additives     Type     Conc
Nuide Type     Fluid Description     Quantity (sacks)     Class     Volume Pumped (bbl)       .ead     705     H     3       istimated Top (ftKB)     Estimated Bottom Depth (ftKB)     Percent Excess Pumped (%)     Yield (ft*/sack)     Fluid Mix Ratio (gal/sack)       3,940.0     8,764.0     2ero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       cement Fluid Additives     11.30     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       cement Fluid Additives     Type     Conc
Lead     705     H     33       istimated Top (ftKB)     Estimated Bottom Depth (ftKB)     Percent Excess Pumped (%)     Yield (ft <sup>1</sup> /sack)     Fluid Mix Ratio (gal/sack)       3,940.0     3,940.0     8,764.0     50.0     2.54     1       ree Water (%)     Density (lb/gal)     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       Cement Fluid Additives     11.30     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       Add     Type     Conc       et state     State     Conc
3,940.0     8,764.0     50.0     2.54     1       irree Water (%)     Density (lb/gal)     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       Cement Fluid Additives     Type     Conc       Add     Type     Conc       2, 8,764.0-12,880.0ftKB     Full Retum?     Vol Cement Ret (bbl) Top Plug?     Bottom Plug?
Density (lb/gal)     Zero Gel Time (min)     Thickening Time (hr)     1st Compressive Strength (psi)       Cement Fluid Additives     Add     Type     Conc       Add     Type     Conc       2, 8,764.0-12,880.0ftKB     Full Return?     Vol Cement Ret (bbl) Top Plug?     Bottom Plug?
11.30         11.30           Cement Fluid Additives         Conc           Add         Type         Conc           8, 8,764.0-12,880.0ftKB         Full Retum?         Vol Cement Ret (bbl) Top Plug?         Bottom Plug?
Add         Type         Conc           R, 8,764.0-12,880.0ftKB
er, 8,764.0-12,880.0ftKB op Depth (ftKB) Bottom Depth (ftKB) [Full Return? Vol Cement Ret (bbl)] Top Plug? Bottom Plug?
op Depth (ftKB) Bottom Depth (ftKB) Full Return? Vol Cement Ret (bbl) Top Plug? Bottom Plug?
op Depth (ftKB) Bottom Depth (ftKB) Full Return? Vol Cement Ret (bbl) Top Plug? Bottom Plug?
8,764.0 12,880.0 Y N N
itial Pump Rate (bbl/min) Final Pump Rate (bbl/min) Avg Pump Rate (bbl/min) Final Pump Pressure (psi) Plug Bump Pressure (psi)
7 7 7 391.0
Pipe Reciprocated? Reciprocation Stroke Length (ft) Reciprocation Rate (spm) Pipe Rotated? Pipe RPM (rpm) N
N         IN           Depth Tagged (MD) (ftKB)         Tag Method         Depth Plug Drilled Out To (ftKB)         Drill Out Diameter (in)         Drill Out Date



## **Cement Summary**

**Production Casing Cement** 

Well Name SALADO DRAW 18-26-33 FED		ease Salado Draw 18-26-33	Fed		Field Name WILDCAT (HO	BBS)	Busines Mid-C	ontinent	
Ground Elevation (ft) Original RKB (ft 3,189.00		urrent RKB Elevation ,221.60, 2/11/2015		/	•		Mud Line	e Elevation (ft)	Water Depth (ft)
Tail			No.						Section and the
Fluid Type Tail	Fluid Descrip	btion	Quan	tity (sacks)	790	Class H		Volume Pumpe	ed (bbl) 257.0
Estimated Top (ftKB) 8,764.0		ottom Depth (ftKB) 12,880		ent Excess Pum	ped (%) 35.0	Yield (ft³/sac	<sup>k)</sup> 1.82	Fluid Mix Ratio	(gal/sack) 9.67
Free Water (%)	Density (lb/ga	al) 12.5		Gel Time (min)	×	Thickening	īme (hr)	1st Compressiv	ve Strength (psi)
Cement Fluid Additives	No.						A STATISTICS		的 医无关于 化化化
Add				Ţ	/pe			Conc	
3, 12,880.0-13,888.0ftKB	a Madeira				and the second	-			
Top Depth (ftKB) 12,880.0	Add Additives Add Add Additives Add Add Add Add Add Add Add Add Add Ad		Full R	teturn? Y	Vol Cement Ret (bbl)	Top Plug?	N	Bottom Plug?	N
Initial Pump Rate (bbl/min) 4	Final Pump F	Rate (bbl/min)	Avg F	oump Rate (bbl/	min) 4	Final Pump	Pressure (psi) 210.0	Plug Bump Pre	ssure (psi)
Pipe Reciprocated?	Reciprocation	n Stroke Length (ft)	Recip	procation Rate (	spm)	Pipe Rotated	1? N	Pipe RPM (rpm	))
Depth Tagged (MD) (ftKB)	Tag Method		Depth	Plug Drilled Ou	ut To (ftKB)	Drill Out Dia	meter (in)	Drill Out Date	
Tail	Sec. Sec.	E. C.	es esti		and the second	1000	}	Part Inc. Pa	and the second second
Fluid Type Tail	Fluid Descrip	tion	Quan	tity (sacks)	100	Class H		Volume Pumpe	d (bbl) 46.5
Estimated Top (ftKB) 12,880.0		ottom Depth (ftKB) 13,880.		ent Excess Pum	ped (%) 0.0	Yield (ft³/sac	<sup>k)</sup> 2.61	Fluid Mix Ratio	(gal/sack) 11.23
Free Water (%)	Density (Ib/ga	al) 15.0		Gel Time (min)	1. 1.	Thickening 1	ïme (hr)	1st Compressiv	ve Strength (psi)
Cement Fluid Additives	States of the	Same and States	1.00		A State Ashirts	Sol to the set	No. 1. States and States and		Difference States
Add	ni ana		20.00	Tj	rpe			Conc	



# **Tubing Summary**

Well N		DR	AW 18-26	-33 FED 004H	Lease Salado Draw 18-26-33	Fed			T (HOBB	S)		N	usiness Unit Aid-Conti	nent		
Groun	d Elev	ation	(ft)	3,189.0	Original RKB Elevation (ft)		3,216.00	Current RK		15		м	lud Line Eler	vation (ft)	) Water Depth	(ft)
Currer	t KB t	o Gro	und (ft)	32.6	Current KB to Mud Line (ft)		5,210.00		to Csg Flang			С	Current KB to	Tubing	Head (ft)	10.0
			Land - Ori	iginal Hole, 5/9/2015	5:00:00 AM	Tubi	ng Strings		Environ M	123.01.27	1000	S. Marsha				Star Ingen
	(ftK	Incl					Description	F	lanned Run?	N		Set Depth (M		702.0	Set Depth (TVD) (ft	tKB) 8,690.
B)	B)	(°)		Vertical sche	matic (actual) 1-1; Tubing Hanger, 2 7/8;	Run Da	ate		un Job			Pull Date			Pull Job	
**	28.9	0.1	2000		0.824; 60; 0.70 _1-2; Tubing EUE; 2 7/8; 2.250;		5/9/2015		Complete, 0:00		15	6/1	10/2015		Complete, 3/2 00:00	6/2015
87.5	37.1	0.1			61; 32.70 1-3; Tubing Pup Joints; 2 7/8;	Jts 1	Item Des X-Nipple	OD (ii 3.11		Wt (lb/ft)	Gra	ide Top T	Thread L	en (ft) 1.85	Top (ftKB) 8,680.1	Btm (ftKB) 8,682.0
84	90.5	0.3			2.250; 93; 3.80 1-4; Tubing EUE; 2 7/8; 2.250; 97; 1,960.18	·	X Hippic	0.1	2.010					1.00	0,000.1	0,002.0
895.0	855.9	2.8			1-5; Gas Lift Mandrel #12; 2 7/8; 2,057; 4.10	1	Packer	4	6 2.360					6.50	8,682.0	8,688.
	3,661.4	3.1	~~~		1-6; Tubing EUE; 2 7/8; 2.250; 2,061; 588.08	1	Cross Ove	r 3.64	6 2.441					0.53	8,688.5	8,689.0
	4,635.0	2.6	88		1-7; Gas Lift Mandrel #11; 2 7/8; 2,650; 4.10		This			0.50				0.50	0.000.0	0.005.
1.043.3	5,037.4	2.9	2.8	83	1-8; Tubing EUE; 2 7/8; 2.250; 2,654; 588.03	1	Tubing Pu Joint	p 27	8 2.441	6.50	L-80			6.53	8,689.0	8,695.5
6,983.8	1,256.1	3.3			1-9; Gas Lift Mandrel #10; 2 7/8; 3,242; 4.10	1	XN - Nipple	e 3.2	8 2.205					1.20	8,695.5	8,696.7
1.033.0	0.023.5	2.9			1-10; Tubing EUE; 2 7/8; 2.250; 3,246; 615.76 1-11; Gas Lift Mandrel #9; 2	1	Tubing Pu	n 27	8 2.441	6.50	1-80			4.53	8,696.7	8,701.3
1.492.1	670.7	2.6		2	7/8; 3,862; 4.10 1-12; Tubing EUE; 2 7/8;	'	Joint		2.441	0.50	L-00			4.55	0,030.7	0,701.
8.897.8	1,685.4	3.0			2.250; 3,866; 587.89 1-13; Gas Lift Mandrel #8; 2	1	Wireline Guide	3.6	8 2.205					0.75	8,701.3	8,702.0
8,718.6	1,699.2	3.3		22	7/8; 4,454; 4.10 1-14; Tubing EUE; 2 7/8;	Rod	Strings	C.Franksi	UPR ST	1935334			51553	-	N.N.S.Con	
6,764.1	1,752.5	4.9		22	2.250; 4,458; 585.58 1-15; Gas Lift Mandrel #7; 2	Rod De	scription	F	lanned Run?	,	1	Set Depth (fth	KB)	5	Set Depth (TVD) (ft	KB)
8,677.5	222.5	90.5	204 1922	22 22	7/8; 5,043; 4.10 1-16; Tubing EUE; 2 7/8; 2.250; 5,047; 587.55	Run Da	ite	F	un Job			Pull Date		-	Pull Job	
8.7%.9	219.2	91.9	1940 1940	8	1-17; Gas Lift Mandrel #6; 2 7/8; 5,635; 4.10	Rod	Componen	ts								
	9,215.9	90.2	1998 1998	<u>अप्र</u> वय वय	1-18; Tubing EUE; 2 7/8; 2.250; 5,639; 620.72	Jts	lte	m Des	0	D (in) (	Grade	Mod	iel	Len (ft)	Top (ftKB)	Btm (ftKB)
	8,214.5	91.0	1000 1000	100 7-0 7-0 7-0 7-0 7-0	1-19; Gas Lift Mandrel #5; 2 7/8; 6,260; 4.10			_								
	9,210.3	91.5	88888888888888888888888888888888888888	20	1-20; Tubing EUE; 2 7/8; 2.250; 6,264; 588.09											
	9,206.0	91.0	201	20 20 20 20 20 20 20 20 20 20 20 20 20 2	1-21; Gas Lift Mandrel #4; 2 7/8; 6,852; 4.10											
	9,203.0	91.7	199 199 199 199	96	1-22; Tubing EUE; 2 7/8; 2.250; 6,856; 588.09 1-23: Gas Lift Mandrel #3; 2											
	200.3	90.5	100		7/8; 7,444; 4.10 1-24; Tubing EUE; 2 7/8;											
11,074.1	8,198.5	91.3	200	1939	2.250; 7,448; 585.64 1-25; Gas Lift Mandrel #2; 2											
11,276.9	A, 192.5	90.1	1954 1954	85	7/8; 8,034; 4.10 1-26; Tubing EUE; 2 7/8;											
11.494.0	R,190.4	91.6	1988 1988 1988	100	2.250; 8,038; 620.95 1-27; Gas Lift Mandrel #1; 2											
1.888.9	185.3	92.6	1	- 193	7/8; 8,659; 4.10 1-28; Tubing EUE; 2 7/8; 2.250; 8,663; 32.70											
11,887.0	180.3	91.8	1920 1920	22	2-1; X-Nipple; 3.12; 2.313; 8,680; 1.85											
11.823.2	8,176.1	91.3	100 C	65	2-2; Packer; 4.60; 2.360; 8,682; 6.50											
12,834.8	8,173.3	91.0	254		2-3; Cross Over; 3.65; 2.441; 8,688; 0.53											
12,963.1	8,172.1	90.0	Des l	198	2-4; Tubing Pup Joint; 2 7/8; 2.441; 8,689; 6.53											
12,366.2	171.8	89.8	- 1920 1920 1920		2-5; XN - Nipple; 3.28; 2.205; 8,696; 1.20 1-29: Oversized On-Off											
		89.1	100		Tool,OD 4.40; 2 7/8; 8,696; 2.10											
	174.1	90.5	(200) (200) (200)	88	2-6; Tubing Pup Joint; 2 7/8; 2.441; 8,697; 4.53											
		90.8	100	8	1-30; Packer; 2 7/8; 8,698; 7.00											
		91.4	992 982 922	198	2-7; Wireline Guide; 3.68; 2.205; 8,701; 0.75											
		91.9	- 962 1920 1920 1920	22	1-31; Tubing Pup Joint; 2 7/8; 2.250; 8,705; 6.00											
		89.7	1980 1980 1980		1-32; XN - Nipple; 2 7/8; 8,711; 1.50											
3.821.0		00.1	201		1-33; Tubing Pup Joint; 2 7/8; 2.250; 8,712; 4.00	1										
		91.1	1000													
	,168.3	91.1		201	1-34; Pump Out Plug; 2 7/8; 8,716; 0.40											
12,000.1 (	1,168.3 1,165.9	91.1 89.6 91.3		201	1-34; Pump Out Plug; 2 7/8;											



## **Wellbore Schematic**

	DO DRAW 18-26-	33 FED 004H	Lease Salado Draw 18-26-33 F		Field Name WILDCAT (H	IOBBS)				-Contine	ent			
	Land - Or	iginal Hole, 9/25/20	15 10:37:58 AM	Job Details		No.	CHIEV B	Star St						
ND KB)	and the Residence of the	Vertical ashamal	lie (astual)		Job Categ	gory				t Date		End Date		
ND)	Contraction in the state of the	Vertical schemat	ic (actual)	Completion				3/25/2	3/25/2015 3/29/2015					
6.9		TIRUADA BURNIA DI BURNIA D		Completion	Completion 3/2					3/29/2015 3/30/2015				
				Completion				3/30/2	3/30/2015 4/14/2015					
			g Pup Joint; 33-33; 3.80; 5 1/2; 4.892; 4-6 g Pup Joint; 33-37; 4.47; 13 3/6; 12.715; 2-2 g Hanger; 35-37; 2.30; 9 5/6; 8.844; 3-3	Completion	Completion 4						4/14/2015 4/26/2015			
3		764 X8985	pint; 37-41; 4.00; 9.5/8; 8.844; 3-4	Completion				4/15/2	2015		4/26/2015			
			p joint, 37-810, 772.92, 13 3/8, 12,716; 2-3 Collar, 810-811, 1.37, 13 3/8, 12,715, 2-4 g joint, 811-856, 44.85, 13 3/8, 12,715, 2-5	Completion				4/28/2			5/5/2015			
10		Float Float	shoe: 856-857, 0.67, 13 3/8; 12.716; 2-6 a Joint: 41-4,630; 4,597.46; 9 5(8; 8,844; 3-5											
8.8		Casing Casing	a Joint, 33-8,899; 8,665.49; 5 1/2, 4,892; 4-7	Completion				5/5/20			5/8/2015			
3.1	Ø. Ø.	Casin Casin Float	g Joint, 4,640-4,681; 40 28; 9 5/8; 8,844; 3-7 g Joint, 4,681-4,721; 40,67; 9 5/8; 8,844; 3-8 Shoe; 4,721-4,723; 1,66; 9 5/8; 8,844; 3-9	Completion				5/8/20			5/9/2015			
		Cash	Pup Joint; 8,699-8,738; 39.36; 5 1/2, 4,892; 4-8	Completion				5/9/20	)15		5/18/2015			
			d Charge, 9,441-9,443, 4/24/2015	Completion				6/4/20	)15		6/10/2015			
1.2	198	10.41	d Charge: 9,509-9,511; 4/24/2015	Casing Stri	nas	Sala Shine	15 Bala	2.4.5		5.28		1122.2		
	1999	198	d Charge; 9,577-9,579; 4/24/2015		and a state of the	N. C. St. St. St.	T	12.00			L. Martin Content	Set Dept		
0	480	200	d Charge, 9,645-9,647; 4/24/2015	Csg [	Des	OD (in)	Wt/Ler			Grade	Top Thread	(MD) (ftK		
,	1995	Shape Shape	d Charge; 9,781-9,783; 4/24/2015	Conductor		20		06.50	1.1.1.1.1.1			1		
	1988	Shape	d Charge, 9,849-9,851; 4/24/2015	Surface		13 3/8		48.00	H-40		STC	8		
•	1 202	Shape Shape	d Charge; 9,917-9,919; 4/24/2015 d Charge; 9,985-9,987; 4/23/2015	Intermediate	Casing	9 5/8		40.00	HCK-	-55		4,7		
1	80	1988 Shape	d Charge; 10,053-10,055; 4/23/2015	1										
	200	Shape	d Charge, 10, 121-10, 123, 4/23/2015 d Charge, 10, 189-10, 191, 4/23/2015	Production (	Casing	5 1/2	1	17.00	P-11	0		13,8		
		Shape Shape	d Charge; 10,257-10,258; 4/23/2015	Perforation	5	COLOR BOR		73.00	1.12					
8.1	250	Shape	d Charge; 10,325-10,326; 4/23/2015	Distant Art		Distantion 1	Shot		S. Land	No. of the	A LANS DO NO.	13.7.9.3		
2.9	1000	Shape Shape	d Charge; 10,393-10,395; 4/23/2015 d Charge; 10,461-10,463; 4/23/2015	Date	Top (ftKB)	Btm (ftKB)	Dens (shots/ft)	Entered		11.11	Zone & Completi	00		
	564	Shape	d Charge; 10,529-10,530, 4/22/2015	4/24/2015	9,441.0	9.443.0	6.0	100		Bone S	Spring, Original H			
	286	Shape	d Charge, 10,597-10,598; 4/22/2015	4/24/2015	9,509.0	9,511.0	6.0				Spring, Original H			
	200	Shape Shape	d Charge; 10,733-10,735; 4/22/2015	4/24/2015										
	1986	Shape	d Charge, 10,801-10,802; 4/22/2015		9,577.0	9,579.0	6.0				Spring, Original H			
1	200	Shape Shape	a Charge; 10,869-10,870; 4/22/2015 d Charge; 10,937-10,939; 4/22/2015	4/24/2015	9,645.0	9,647.0	6.0				pring, Original H			
.9	300	Shape	d Charge; 11,005-11,007, 4/22/2015	4/24/2015	9,713.0	9,715.0	6.0			Bone S	pring, Original H	lole		
	286	1665	d Charge; 11,073-11,074; 4/21/2015 d Charge; 11,141-11,143; 4/21/2015	4/24/2015	9,781.0	9,783.0	6.0		12	Bone S	pring, Original H	lole		
3.0	200	Shape	s Charge; 11,209-11,210, 4/21/2015 Joint; 8,738-13,726; 4,988.14; 5 1/2; 4,892; 4-9	4/24/2015	9,849.0	9,851.0	6.0	1:		Bone S	pring, Original H	lole		
8.9	2221	Shape	5 Charge, 11,277-11,279, 4/21/2015	4/24/2015	9,917.0	9,919.0	6.0			Bone S	pring, Original H	lole		
	280 I	388	d Charge; 11,345-11,346; 4/21/2015 d Charge; 11,413-11,414; 4/21/2015	4/23/2015	9,985.0	9,987.0	6.0			Bone S				
1	1000		d Charge, 11,481-11,483; 4/21/2015	4/23/2015	10,053.0	10,055.0	6.0				pring, Original H			
19 -			d Charge; 11,549-11,551; 4/21/2015	4/20/2010	10,000.0	10,000.0	0.0		12	Done o	pring, Original I	IOIC		
9.1		Shape Shape	d Charge; 11,617-11,619; 4/20/2015	4/23/2015	10,121.0	10,123.0	6.0		12	Bone S	pring, Original H	lole		
	1299	Shape	d Charge, 11,685-11,687, 4/20/2015	4/20/2010	10,121.0	10,120.0	0.0		12	Done o	pring, Original I	IOIC		
9		Shape	d Charge; 11,753-11,755; 4/20/2016	4/23/2015	10,189.0	10.191.0	6.0		12	Bono S	pring, Original H	olo		
	200	Shape	I Charge; 11,821-11,823; 4/20/2015 I Charge: 11,889-11,891; 4/20/2015	4/20/2010	10,103.0	10,191.0	0.0		12	Done 3	pring, Original n	UIE		
	100		d Charge; 11,957-11,959; 4/20/2015	4/23/2015	10,257.0	10,258.0	6.0		12	Popo S	pring, Original H	olo		
.9	1000 I 1000 I	Shape	I Charge; 12,025-12,027; 4/20/2015	4/20/2010	10,207.0	10,200.0	0.0		12	Done 3	pring, Original H	UIC		
	100	Shape Shape	5 Charge; 12,093-12,095; 4/20/2015 5 Charge; 12,161-12,163; 4/19/2015	4/23/2015	10,325.0	10.326.0	6.0		10	Bono C	pring, Original H	olo		
	1999	Shape	Charge, 12,229-12,231; 4/19/2015	12012010	10,020.0	10,020.0	0.0		12	Done S	pring, Original F			
	386	Shape	f Charge; 12,297-12,299; 4/19/2015 I Charge; 12,365-12,367; 4/19/2015	4/23/2015	10,393.0	10.395.0	6.0		10	Bono C	pring, Original H	ole		
1	- 202 i	344	I Charge; 12,433-12,435; 4/19/2015	4/23/2015	10,393.0	10,395.0	0.0		12	buile S	pring, Original H	UIE		
	1888 1998	Shape	i Charge, 12,501-12,503; 4/19/2015	4/23/2015	10,461.0	10,463.0	6.0		12	Bone C	pring, Original H	ole		
	2001		l Charge; 12,559-12,571; 4/19/2015 I Charge; 12,637-12,639; 4/19/2015	4/23/2015	10,401.0	10,403.0	0.0		12	bulle S	pring, Original H	UIE		
•	15881	Shaper	Charge; 12,705-12,707; 4/18/2015	4/22/2015	10 520 0	10,530.0	6.0		10	Pore C	pring, Original H			
		Shaper	Charge; 12,773-12,775; 4/18/2015 I Charge; 12,841-12,843; 4/18/2015	4/22/2015	10,529.0	10,550.0	0.0		12	Burle S	pring, Original H	UIE		
	88	88	Charge: 12,841-12,843; 4/18/2015	4/22/2015	10 507 0	10 500 0	6.0	_	40	Dane C				
1	4 200 r 1 600 r	200	Charge, 12,905-12,911; 4/18/2015 I Charge; 12,977-12,979; 4/17/2015	4/22/2015	10,597.0	10,598.0	6.0		12	Bone S	pring, Original H	Ule		
	1996	Shape	Charge, 13,045-13,047; 4/17/2015	4/00/0045	10.005.0	10.007.0	0.0		40	Dance	aning Only 11			
	200	Shaped	Charge; 13,113-13,115; 4/17/2015	4/22/2015	10,665.0	10,667.0	6.0		12	Bone S	pring, Original H	ole		
1	- 204	200	Charge, 13,181-13,183,4/17/2015	100.000	10 500 5					-				
	1035 1939 1959 1959	Shaped	Charge, 13,317-13,319, 4/17/2015	4/22/2015	10,733.0	10,735.0	6.0		12	Bone S	pring, Original H	ole		
	2001	Shaped	Charge; 13,385-13,387; 4/17/2015 Charge; 13,455-13,455; 4/17/2015											
'	300	Shaped	Charge, 13,521-13,523, 4/1/2015	4/22/2015	10,801.0	10,802.0	6.0		12	Bone S	pring, Original H	ole		
	1998   1988   1988	Shaped	Charge; 13,589-13,591; 4/1/2015											
	1000	Shaped	Charge, 13,657-13,659, 4/1/2015	4/22/2015	10,869.0	10,870.0	6.0		12	Bone S	pring, Original H	ole		
2		Casing	Charge: 13,717-13,719; 4/1/2015 Pup Joint: 13,726-13,736; 10.02; 5.1/2; 4.892; 4-10											
		RSI Too Casing	it, 13,736-13,742, 5.54, 5.1/2; 4,892, 4-11 Pup Joint, 13,742-13,752, 10.01; 5.1/2, 4,892, 4-12	4/22/2015	10,937.0	10,939.0	6.0		12	Bone S	pring, Original H	ole		
2		Landing	Joint, 13,752-13,792, 40, 16; 5 1/2; 4,892; 4-13 Pup Joint; 13,792-13,802; 10.02; 5 1/2; 4,892; 4-14 ; Collar; 13,802-13,803; 1.49; 5 1/2; 4,892; 4-15											
2 II.	224	Casing	Joint, 13,803-13,843; 39.26; 5 1/2; 4.892; 4-16 sllar; 13,843-13,845; 2.04; 5 1/2; 4.892; 4-17		-									
			Joint, 13,845-13,885; 40,60; 5 1/2; 4,892; 4-18 toe; 13,885-13,887; 1.79; 5 1/2; 4,892; 4-19	11										

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## **Wellbore Schematic**

Well Name         Lease           SALADO DRAW 18-26-33 FED 004H         Salado Draw 18-26-33 Fed			Fed	Field Name WILDCAT (H	OBBS)	Busin Mid	-Continent		
La construction de la construction de la construcción de la construcci	and - Original Hole, 9/25/20	Perforatio	Perforations						
MD KB)	Vertical schema	tic (actual)				Shot Dens	Entered Shot		
			Date	Top (ftKB)	Btm (ftKB)	(shots/ft)	Total	Zone & Completion	
5.9 IAM UNING ALALIAN		INTERCRETINGEN A MUTRIPHETING PERSON AND AND AND AND AND AND AND AND AND AN	4/22/2015	11,005.0	11,007.0	6.0	12	Bone Spring, Original Hole	
	Castro Castro	g Pup Joint, 33-33, 3.80, 5 1/2, 4.892, 4-6 a Pup Joint, 33-37, 4.47, 13 3/8, 12 715, 2-2	1010015	44.000.0	44.074.0			Deepe Orders Order 1991	
	- K 00004	g Hanger, 35-37, 2.30, 9 5/8, 8.844, 3-3	4/21/2015	11,073.0	11,074.0	6.0	12	Bone Spring, Original Hole	
	Casin Casin	bint, 37–41, 4.00; 9 5/8, 8.844, 3–4 g. Joint, 27-107, 80.00; 20; 19.000; 1-1 g. joint, 37-810, 772.92; 13.3/8, 12.715; 2–3 Collair, 810-811, 1.37; 13.3/8; 12.715; 2–4	4/04/0045	11 111 0	44 442 0	0.0	10	Dana Ordina Original Liala	
58.0	Casin Concorrection Float	g joint, 811-856; 44.85; 13 3/8; 12.715; 2-5 Shoe; 856-857; 0.67; 13 3/8; 12.715; 2-6	4/21/2015	11,141.0	11,143.0	6.0	12	Bone Spring, Original Hole	
634.8 A A A A A A A A A A A A A A A A A A A	Casin Casin	g_loint_41-4,639_4,597.46_9 5(6_8,8,844; 3-5 g_loint_33-8,699, 8,665.49; 5 1/2; 4,892; 4-7 Collar; 4,639-4,640; 1.47; 9 5(8; 8,844; 3-8	4/21/2015	11 200 0	11,210.0	6.0	12	Bone Spring, Original Hole	
		Collina, 4,640-4,681,40.28,9 5/8,8,844;3-7 g Joint, 4,681-4,721;40.67;9 5/8,8,844;3-8 Shoet, 4,721-4,723,1.68;9 5/8,8,844;3-8	4/21/2015	11,209.0	11,210.0	0.0	12	Bone Spring, Original Hole	
723.1		g Pup Joint, 8,699-8,738; 39.36; 5 1/2; 4,892; 4-8	4/21/2015	11,277.0	11,279.0	6.0	12	Bone Spring, Original Hole	
764.1		d Charge: 9,441-9,443, 4/24/2015						Serie opinig, original risio	
511.2 · · · · · · · · · · · · · · · · · · ·	Shap	d Charge, 9,509-9,511; 4/24/2015	4/21/2015	11,345.0	11,346.0	6.0	12	Bone Spring, Original Hole	
647.0		id Charge; 9,577-9,579; 4/24/2015 id Charge; 9,645-9,647; 4/24/2015							
		d Charge, 9,713-9,715; 4/24/2015	4/21/2015	11,413.0	11,414.0	6.0	12	Bone Spring, Original Hole	
783.1	Shape Shape	d Charge; 9,781-9,783; 4/24/2015 d Charge; 9,849-9,851; 4/24/2015		1					
919.0	Shape	d Charge; 9,917-9,919; 4/24/2015	4/21/2015	11,481.0	11,483.0	6.0	12	Bone Spring, Original Hole	
.055.1	Shape	d Charge; 9,985-9,987; 4/23/2015 d Charge; 10,053-10,055; 4/23/2015	101001-	44 8 10 5	44 55 1 6			Dave On the Old Law York	
286		d Charge, 10, 121-10, 123; 4/23/2015	4/21/2015	11,549.0	11,551.0	6.0	12	Bone Spring, Original Hole	
190.9		d Charge; 10,189-10,191; 4/23/2015 d Charge; 10,257-10,258; 4/23/2015	4/00/0045	44.047.0	11 640 0	6.0	40	Papa Spring Original Links	
326.1	Shape	d Charge; 10,325-10,326; 4/23/2015	4/20/2015	11,617.0	11,619.0	6.0	12	Bone Spring, Original Hole	
412.9		d Charge; 10,393-10,395; 4/23/2015 d Charge; 10,461-10,463; 4/23/2015	4/20/2015	11,685.0	11,687.0	6.0	12	Bone Spring, Original Hole	
	Shape	d Charge; 10,529-10,530; 4/22/2015	114/20/2013	11,000.0	11,007.0	0.0	12	Bone Spring, Original Hole	
598.1	Shape	d Charge; 10,597-10,596; 4/22/2015 d Charge; 10,665-10,667; 4/22/2015	4/20/2015	11,753.0	11,755.0	6.0	12	Bone Spring, Original Hole	
734.9	Shape	d Charge; 10,733-10,735, 4/22/2015						Serie opining, engineer reie	
870.1	Shape Shape	d Charge, 10,801-10,802; 4/22/2015 d Charge, 10,869-10,870; 4/22/2015	4/20/2015	11,821.0	11,823.0	6.0	12	Bone Spring, Original Hole	
185	Shape	d Charge; 10,937-10,939; 4/22/2015 d Charge; 11.005-11.007; 4/22/2015							
.008.9	Shape 1956 1 Shape	d Charge; 11,073-11,074; 4/21/2015	4/20/2015	11,889.0	11,891.0	6.0	12	Bone Spring, Original Hole	
143.0	Shape	d Charge; 11,141-11,143, 4/21/2015 d Charge: 11,209-11,210: 4/21/2015							
278.9		d Charge; 11,209-11,210; 4/21/2015 ; Joint, 8,738-13,726; 4,988.14; 5 1/2; 4.892; 4-9 d Charge; 11,277-11,279; 4/21/2015	4/20/2015	11,957.0	11,959.0	6.0	12	Bone Spring, Original Hole	
305	198 Shape	d Charge; 11,345-11,346; 4/21/2015 d Charge; 11,413-11,414; 4/21/2015							
414.0	Shape	d Charge; 11,481-11,483; 4/21/2015	4/20/2015	12,025.0	12,027.0	6.0	12	Bone Spring, Original Hole	
548.9		d Charge; 11,549-11,551; 4/21/2015	4/00/0045	40.000.0	40.005.0	0.0	40	Design Orders Orders Hubb	
619.1	TAS Shape	d Charge; 11,617-11,619; 4/20/2015	4/20/2015	12,093.0	12,095.0	6.0	12	Bone Spring, Original Hole	
754.9	1955	d Charge; 11,685-11,687; 4/20/2015 d Charge; 11,753-11,785; 4/20/2015	4/19/2015	12,161.0	12,163.0	6.0	12	Bone Spring, Original Hole	
		d Charge; 11,821-11,823; 4/20/2015	4/13/2013	12,101.0	12,100.0	0.0	12	bone opining, original rible	
880.1		d Charge; 11,889-11,891; 4/20/2015	4/19/2015	12,229.0	12.231.0	6.0	12	Bone Spring, Original Hole	
024.9	Shape Shape	d Charge; 11,957-11,959; 4/20/2015 d Charge; 12,025-12,027; 4/20/2015		,	,			lotte opining, original tote	
400	Shape	d Charge; 12,093-12,095; 4/20/2015	4/19/2015	12,297.0	12,299.0	6.0	12	Bone Spring, Original Hole	
	Shape Shape	d Charge; 12,161-12,163; 4/19/2015 d Charge; 12,229-12,231; 4/19/2015							
296.9	Shape	d Charge, 12,297-12,299, 4/19/2015 d Charge, 12,365-12,367, 4/19/2015	4/19/2015	12,365.0	12,367.0	6.0	12	Bone Spring, Original Hole	
63.1	Shape	d Charge; 12,433-12,435, 4/19/2015			10.100				
89	Shape	d Charge; 12,501-12,503; 4/19/2015 1 Charge; 12,569-12,571; 4/19/2015	4/19/2015	12,433.0	12,435.0	6.0	12	Bone Spring, Original Hole	
100	Shape	5 Charge; 12,637-12,639; 4/19/2015	4/10/0045	10 504 0	12 502 0	6.0	40	Pono Oninina Original I Isla	
705.1	Shape Shape	5 Charge, 12,705-12,707; 4/18/2015 5 Charge; 12,773-12,775; 4/18/2015	4/19/2015	12,501.0	12,503.0	6.0	12	Bone Spring, Original Hole	
M0.9		d Charge, 12,841-12,843, 4/18/2015	4/19/2015	12,569.0	12,571.0	6.0	12	Bone Spring, Original Hole	
911.1	Shape	1 Charge; 12,909-12,911; 4/18/2015		12,000.0	,011.0	0.0	12	Long oping, original ride	
969 930		5 Charge, 12,977-12,979; 4/17/2015 5 Charge, 13,045-13,047, 4/17/2015	4/19/2015	12,637.0	12,639.0	6.0	12	Bone Spring, Original Hole	
386	Shape	f Charge; 13, 113-13, 115; 4/17/2015							
183.1	Shape	5 Charge; 13, 181-13, 183, 4/17/2015 5 Charge; 13, 249-13, 251, 4/17/2015	4/18/2015	12,705.0	12,707.0	6.0	12	Bone Spring, Original Hole	
18.9	Shape	1 Charge; 13,317-13,319; 4/17/2015							
88.1 ····	Shaper	9 Charge; 13,385-13,387; 4/17/2015 9 Charge; 13,453-13,455; 4/17/2015	4/18/2015	12,773.0	12,775.0	6.0	12	Bone Spring, Original Hole	
1984	Shaper	Charge: 13,521-13,523; 4/1/2015							
90.9 200	1968 Shape	I Charge; 13,589-13,591; 4/1/2015 I Charge; 13,657-13,659; 4/1/2015	4/18/2015	12,841.0	12,843.0	6.0	12	Bone Spring, Original Hole	
	Shepe	Charge, 13,717-13,719; 4/1/2015							
751.6	Casing CASE Casing Casing Casing Casing	Pup Joint, 13,726-13,736; 10.02; 5 1/2; 4.892; 4-10 x; 13,736-13,742; 5.54; 5 1/2; 4.892; 4-11 Pup Joint, 13,742-13,752; 10.01; 5 1/2; 4.892; 4-12	4/18/2015	12,909.0	12,911.0	6.0	12	Bone Spring, Original Hole	
	100 Casing	Joint; 13,752-13,792; 40.16; 5 1/2; 4.892; 4-13 Pup Joint; 13,792-13,802; 10.02; 5 1/2; 4.892; 4-14							
803.2	Casing Cost Float C	2 Collar; 13,802-13,803; 1.49; 5 1/2; 4.892; 4-15 Joint 13,803,13,843; 30,26; 5 1/2; 4,892; 4-15	4/17/2015	12,977.0	12,979.0	6.0	12	Bone Spring, Original Hole	
	Casing	oliar; 13,843-13,845; 2.04; 5.1/2; 4.892; 4-17 Joint; 13,845-13,885; 40.60; 5.1/2; 4.892; 4-18 hoe; 13,885-13,887; 1.79; 5.1/2; 4.892; 4-19	11						

Report Printed: 9/25/2015



## **Wellbore Schematic**

ALADO DRAW 18-26-33 FED 004H Salado Draw 18-26-33 Fed				WILDCAT (HOBBS) Mid-Continent							ent
Land - Original Hole, 9/25/2015 10:37:58 AM			Perforations	Perforations							
B)	Vertical	schematic (actual)	Sector States		1		Shot Dens	Entered	Shot	6	
			Date	Top (ftKB)	Btm	(ftKB)	(shots/ft)	Total			Zone & Completion
	HADERING HER BURNER BURNER BURNER		4/17/2015	13,045.0	13,	047.0	6.0		12	Bone S	Spring, Original Hole
1.60		Casing Pup Joint: 33-33; 3.80; 5 1/2; 4.892; 4-6									
1 🕅		Casing Pup Joint, 33-37; 4.47; 13 38; 12 715; 2-2 Casing Hanger, 35-37; 2:30; 9 5/6; 8.844; 3-3	4/17/2015	13,113.0	13,	115.0	6.0		12	Bone S	Spring, Original Hole
·   🖓		Pup Joint; 37-41; 4.00; 9 5/8; 8.844; 3-4 Casing Joint; 27-107; 80.00; 20; 19.000; 1-1 Casing Joint; 37-810; 772.92; 13 3/8; 12.715; 2-3									
		Float Collar, 810-811; 1.37; 13 3/8; 12.715; 2-4 Casing joint, 811-856; 44.85; 13 3/8; 12.715; 2-5 Float Shoe, 856-857; 0.67; 13 3/8; 12.715; 2-6	4/17/2015	13,181.0	13,	183.0	6.0		12	Bone S	Spring, Original Hole
~~~		Casing_Joing_41-4,639_4,597.46_9 585 8.544; 3-5	~	-			_				
8.8		Casing Joint, 33-8,699; 8,685.49; 5 1/2; 4.892; 4-7 Flost Collar, 4,639-4,640; 1.47; 9 5/6; 8.844; 3-6 Casing Joint; 4,640-4,681; 40.28; 9 5/6; 8.844; 3-7	4/17/2015	13,249.0	13,	251.0	6.0		12	Bone S	Spring, Original Hole
a.1		Casing Joint, 4,681-4,721, 40,67; 9 5/8, 8,844, 3-8 Float Shoe, 4,721-4,723, 1.66; 9 5/8, 8,844; 3-9									
		Casing Pup Joint; 8,699-8,738; 39.36; 5 1/2; 4.892; 4-8	4/17/2015	13,317.0	13,	319.0	6.0		12	Bone S	Spring, Original Hole
	- 1984 - 1986	Shaped Charge; 9,441-9,443; 4/24/2015									
1.2 -		Shaped Charge, 9,509-9,511, 4/24/2015 Shaped Charge, 9,577-9,579, 4/24/2015	4/17/2015	13,385.0	13,	387.0	6.0		12	Bone S	Spring, Original Hole
7.0		Shaped Charge, 9,845-9,847, 4/24/2015								-	
	633 86	Shaped Charge, 9,713-9,715; 4/24/2015	4/17/2015	13,453.0	13,455.0		6.0	6.0 1		Bone Spring, Original Hole	
3.1		Shaped Charge, 9,761-9,783, 4/24/2015 Shaped Charge, 9,849-9,851, 4/24/2015									
9.0	2001 1200	Shaped Charge, 9,917-9,919, 4/24/2015	4/1/2015	13,521.0	13,	523.0	6.0		12	Bone S	Spring, Original Hole
		Shaped Charge, 9,985-9,987, 4/23/2015 Shaped Charge, 10,053-10,055, 4/23/2015									
6.1	889 988 886 988	Shaped Charge; 10,121-10,123; 4/23/2015	4/1/2015	13,589.0	13,	591.0	6.0		12	Bone S	Spring, Original Hole
0.9	1881 I 1888	Shaped Charge; 10,189-10,191; 4/23/2015									
8.1	903 000 000 000 000 000 000 000 000 000	Shaped Charge; 10,257-10,256; 4/23/2015 Shaped Charge; 10,325-10,326; 4/23/2015	4/1/2015	13,657.0	13,0	659.0	6.0		12	Bone S	Spring, Original Hole
	200 100	Shaped Charge; 10,393-10,395; 4/23/2015									
29 -		Shaped Charge, 10, 461-10, 463; 4/23/2015 Shaped Charge, 10, 529-10, 530, 4/22/2015	4/1/2015	13,717.0	13,	719.0	6.0		12	Bone S	Spring, Original Hole
8.1	266 106	Shaped Charge, 10,597-10,598; 4/22/2015									
	202 120	Shaped Charge; 10,665-10,667, 4/22/2015	Other String								
4.9		Shaped Charge, 10,735 10,735, 6222015	Run Date	Pull D	ate	Set D	epth (ftKB)				Com
0.1	200 1926	Shaped Charge, 10,869-10,870, 4/22/2015		-							
8.9	881 885 -	Shaped Charge, 10,937-10,939, 4/22/2015 Shaped Charge, 11,005-11,007, 4/22/2015	Other In Hol						199	12033	
	386 1 1655	Shaped Charge: 11,073-11,074; 4/21/2015	Des		ftKB)	Btm (ftk		n Date	-	III Date	Com
13.0	282 198	Shaped Charge, 11,141-11,143, 4/21/2015 Shaped Charge, 11,209-11,210, 4/21/2015	Composite F		79.0	9,681	.0 4/24/	2015	4/28	/2015	Stage 16
18.9		Casing Joint, 8,738-13,729, 421/2015 Shaped Charge, 11,277-11,279, 4/21/2015			54.0	0.050	0 110 1	0015	1100		01 15
	1999 - 1995	Shaped Charge; 11,345-11,346; 4/21/2015	Composite F		51.0	9,953	.0 4/24/	2015	4/28	/2015	Stage 15
4.0	198 86 86 F	Shaped Charge, 11,413-11,414, 4/21/2015 Shaped Charge, 11,481-11,483; 4/21/2015	Plug (drop ba			10.00		0015	4/0.0	10.0.1.5	
8.9			Composite F Plug (drop ba		223.	10,22	5. 4/23/	2015	4/28	/2015	Stage 14
		Shaped Charge; 11,549-11,551; 4/21/2015 Shaped Charge; 11,617-11,619; 4/20/2015			-	10.10	-	0015	1/00	10015	
91	888 888 899 888	Shaped Charge; 11,665-11,667; 4/20/2015	Composite F Plug (drop ba		495.	10,49	0 4/23/	2015	4/29	/2015	Stage 13
4.9		Shaped Charge; 11,753-11,756; 4/20/2015		,	-	10.70	°	0045	4/0.0	10015	01 10
9.1	2001 100	Shaped Charge; 11,821-11,823; 4/20/2015	Composite F		767.	10,76		2015	4/29/	/2015	Stage 12
	200 · · · · · · · · · · · · · · · · · ·	Shaped Charge; 11,889-11,891; 4/20/2015 Shaped Charge; 11,957-11,959; 4/20/2015	Plug (drop ba		0		0				
4.9		Shaped Charge; 12,025-12,027; 4/20/2015	Composite F Plug (drop ba		039.	11,04	1. 4/22/	2015	4/29/	/2015	Stage 11
1.1	1991 ISB	Shaped Charge; 12,093-12,095; 4/20/2015 Shaped Charge; 12,161-12,163; 4/19/2015			0	44.04	0	0045	1100	10045	01 10
		Shaped Charge; 12,259-12,251; 4/19/2015	Composite F Plug (drop ba		311.	11,31	3. 4/21/	2015	4/29	/2015	Stage 10
6.9	355 125	Shaped Charge, 12,287-12,299, 4/19/2015			0	44.50	-	0015	1/0.0		
a.1		Shaped Charge; 12,365-12,367; 4/19/2015 Shaped Charge; 12,433-12,435; 4/19/2015	Composite F Plug (drop ba	rac 11,	583.	11,58	5. 4/21/	2015	4/29/	/2015	Stage 9
	221 223	Shaped Charge; 12,501-12,503; 4/19/2015			0	44.05	7 4/00	0045	1/00	0045	E 1 0" 1 "
	2001 102	Shaped Charge, 12,569-12,571; 4/19/2015 Shaped Charge, 12,637-12,638, 4/19/2015	Composite F		855.	11,85	7. 4/20/	2015	4/29/	/2015	Fracture Stimulation
6.1	- 698 (	Shaped Charge, 12,705-12,707; 4/18/2015	Plug (drop ba		-	10.10			110.0		
0.9	200 000	Shaped Charge; 12,773-12,775; 4/16/2015	Composite F		127.	12,12		2015	4/29/	/2015	Fracture Stimulation
		Shaped Charge; 12,841-12,843; 4/18/2015	Plug (drop ba		0	10.10	5				
1.1	- AN - AN	Shaped Charge, 12,909-12,911; 4/15/2015 Shaped Charge; 12,977-12,979, 4/17/2015	Composite F		399.	12,40	0. 4/19/	2015	4/29/	2015	Fracture Stimulation
	1991 - 269 1996 - 698	Shaped Charge; 12,047-12,979; 4/17/2015 Shaped Charge; 13,045-13,047; 4/17/2015	Plug (drop ba		0	10.00	0	00/1	4/10 -	0.0.1	
	200 900	Shaped Charge; 13,113-13,115; 4/17/2015	Frac Plug	12,	671.	12,67	2. 4/19/	2015	4/29/	/2015	Fracture Stimulation
3.1	2001 1980 1988 1980	Shaped Charge; 13,181-13,183; 4/17/2015 Shaped Charge; 13,249-13,251; 4/17/2015	(permanent)		0		5				
		Shaped Charge; 13,317-13,319, 4/17/2015	Frac Plug	12,	943.	12,94	4. 4/18/	2015	4/29/	/2015	Fracture Stimulation
	200 100	Shaped Charge; 13,385-13,387, 4/17/2015	(permanent)		0		5				
u	1881 86	Shaped Charge; 13,453-13,455, 4/17/2015 Shaped Charge; 13,521-13,523, 4/1/2015	Frac Plug	13,	215.	13,21	7. 4/17/	2015	4/29/	/2015	Fracture Stimulation
		Shaped Charge; 13,589-13,591; 4/1/2015	(permanent)		0		0				
	202 202	Shaped Charge, 13,657-13,659, 4/1/2015	Bridge Plug	13,	487.	13,48	9. 4/17/	2015	4/30/	2015	Fracture Stimulation
.2		Shaped Charge; 13,717-13,719; 4/1/2015 Casing Pup Joint; 13,726-13,736; 10.02; 5 1/2; 4.892; 4-10	(Permanent)		0		2				
1.6		RSI Tool; 13,736-13,742; 5,54; 5 1/2; 4,892; 4-11 Casing Pup Joint; 13,742; 5,54; 5 1/2; 4,892; 4-11 Casing Pup Joint; 13,742; 13,752; 10,01; 5 1/2; 4,892; 4-12	Fasdrill								
	2005 DOM	Casing Joint, 13,752-13,792, 40, 16, 5 1/2, 4,892, 4-13 Casing Pup Joint, 13,792-13,802, 10,02, 5 1/2, 4,892, 4-14									
2		Landing Collar, 13,802-13,803; 1.49; 5 1/2; 4.892; 4-15 Casing Joint, 13,803-13,843; 39,26; 5 1/2; 4,892; 4-16									
°	661	Float Collar, 13,843-13,845; 2.04; 5 1/2; 4.892; 4-17 Casing Joint, 13,845-13,885; 40.60; 5 1/2; 4.892; 4-18	11								

	HOBBS OCD										
	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SEP 28 2015					FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010					
SUNDRY	NOTICES AND REPOR	RTS ON W	5. Lease Serial No. NMNM27506								
Do not use th abandoned we	is form for proposals to o II. Use form 3160-3 (APD	enter an proposals.CEIV	(ED)	6. If Indian, Allottee or Tribe Name							
SUBMIT IN TRI	PLICATE - Other instruct	tions on rev	verse side.		7. If Unit or CA/Agre	ement, Name and/or No.					
<ol> <li>Type of Well</li> <li>Oil Well Gas Well Ott</li> </ol>	her			8. Well Name and No. SALADO DRAW 18 26 33 FEDERAL 4H							
2. Name of Operator CHEVRON USA INC	Contact: ( E-Mail: CHERRERA	JRILLO CHEVRON.COM		9. API Well No. 30-025-42279							
3a. Address 1616 W. BENDER BLVD HOBBS, NM 88240		o. (include area code) 63-0431 3-0445	)	10. Field and Pool, or Exploratory WC-025 G-06 S263319P;BS							
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)				11. County or Parish,	and State					
Sec 19 T26S R33E Mer NMP	NENW 200FNL 1993FWL			LEA COUNTY,	UNTY, NM						
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	E NATURE OF 1	NOTICE, R	EPORT, OR OTHE	R DATA					
TYPE OF SUBMISSION			F ACTION	N							
□ Notice of Intent	□ Acidize	Dee	pen	Product	tion (Start/Resume)	□ Water Shut-Off					
	□ Alter Casing	🗖 Frad	cture Treat	Reclam	ation	□ Well Integrity					
Subsequent Report	Casing Repair New Construction		v Construction	Recom	plete	Other					
Final Abandonment Notice	Change Plans	🗖 Plug	g and Abandon	Tempor	rarily Abandon	Production Start-up					
	Convert to Injection	🗖 Plug	ig Back 🔲 Water		Disposal						
13. Describe Proposed or Completed Op If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed. Final At determined that the site is ready for f	ally or recomplete horizontally, g rk will be performed or provide the operations. If the operation resu- bandonment Notices shall be filed	tive subsurface he Bond No. of ults in a multipl	locations and measure in file with BLM/BIA le completion or reco	A. Required su completion in a	ertical depths of all pertin bsequent reports shall be new interval, a Form 316	filed within 30 days 60-4 shall be filed once					
COMPLETION OF NEW WEL 04/10/2015 MIRU 04/12/2015 PERFORATE 13, 04/17/2015 PERFORATE 12, 04/18/2015 PERFORATE 12, 04/20/2015 PERFORATE 12, 04/20/2015 PERFORATE 12, 04/21/2015 PERFORATE 11, 04/22/2015 PERFORATE 11, 04/22/2015 PERFORATE 10, 04/24/2015 PERFORATE 9,9	719' - 13,523' 455' - 12,979' 911' - 12,707' 639' - 12,435; 12,433'-12,2 095 - 11,959'; 11,957' - 11, 553 - 11,414' 11,413 - 11,2 007 - 10,939; 10,937 - 10.7 463 - 10,326'; 10,258' - 10, 19 - 9,715; 9,647' - 9,511"	299; 12,231' 755';11,753 210'; 11,209 735;10,733 - 123'; 10,12'	- 12,163' - 11,619' - 11,074' 10,530	REC SURV	EY, WBD ATTACHE	D***					
14. I hereby certify that the foregoing is	Electronic Submission #31	17764 verifie /RON USA IN	d by the BLM We IC, sent to the Ho	I Information	n System						
Name (Printed/Typed) CINDY H	MURILLO	Title PERMITTING SPECIALIST									
Signature (Electronic Submission)			Date 09/25/2015								
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE						
Approved By Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to condu	itable title to those rights in the s	Title Office			Date						
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent				willfully to ma	ake to any department or	agency of the United					
** OPERAT	OR-SUBMITTED ** OP	ERATOR-	SUBMITTED *	* OPERAT	OR-SUBMITTED	**					

### Additional data for EC transaction #317764 that would not fit on the form

#### 32. Additional remarks, continued

04/10/2015 THROUGH 04/24/2015 FRAC W/TOTAL PROPPANT 4,047,260 LBS