Submit I Copy To Appropriate District	State of New Me	viaa		Form C-103
Office	Energy, Minerals and Natu		ł	Revised July 18, 2013
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Lifergy, winerals and watu		WELL API NO.	
District II (575) 748-1283	OIL CONSERVATION	DIVISION	30-025-09496	
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South 5		5. Indicate Type of Leas	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87		6. State Oil & Gas Lease	
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	DEC	0 9 2019	0. State Off & Gas Leas	
87505 SINDRY NOT	FICES AND REPORTS ON WELLS		7. Lease Name or Unit A	Agreement Name
(DO NOT USE THIS FORM FOR PROP	OSALS TO DRILL OR TO DEEPEN ORIE	CFINED		-Breenene runne
DIFFERENT RESERVOIR. USE "APPL PROPOSALS.)	LICATION FOR PERMIT" (FORM C-101) FC	OR SUCH	COOPER JAL UNIT	
1. Type of Well: Oil Well	Gas Well 🔲 Other		8. Well Number 113	
2. Name of Operator			9. OGRID Number	
	ESERVES OPERATING LP		2409'	
3. Address of Operator PO BOX 10	848, MIDLAND, TX 79702		10. Pool name or Wildc Jalmat;Tans-Y-7R/Lang	
4. Well Location				
Unit Letter N	: <u>330</u> feet from the <u>SOUTH</u>	I line and <u>23</u>	feet from the	WEST line
Section <u>13</u>	Township 24S	Range 36E		County LEA
and the second se	11. Elevation (Show whether DR,	RKB, RT, GR, etc.)		
	3322' GL			
	A			
12. Check	Appropriate Box to Indicate N	ature of Notice, I	Report or Other Data	
• NOTICE OF I	NTENTION TO:	SUBS	SEQUENT REPOR	τof:
PERFORM REMEDIAL WORK		REMEDIAL WORK		RING CASING 🔲
TEMPORARILY ABANDON		COMMENCE DRI	<u> </u>	DA 🗌
		CASING/CEMENT	JOB []	
DOWNHOLE COMMINGLE	-			
OTHER:	,	OTHER:		
13. Describe proposed or com	pleted operations. (Clearly state all p	pertinent details, and	give pertinent dates, incl	uding estimated date
	vork). SEE RULE 19.15.7.14 NMAC	C. For Multiple Con	npletions: Attach wellbor	e diagram of
proposed completion or re	completion.			
Procedure:		h 25' and Matify O	CD for MIT and norform	MIT on well
Remove production equip	ment. Install CIBP @ 2,950', cap wit	n 35° cmt. Notiry U	CD for MIT and perform	MIT on well.
	ject well be placed in TA status for fi	ve years as we expl	ore options for the wellbor	re. Current and
proposed wellbore diagra	ms attached.			
	•			
			~	
			Condition of Approva OCD Hobbs office 24	•
			OCD Hobbs office 24 of running MIT T	
		Prior	Hobbs of	l: Notis.
			of rugnine 24	han
Spud Date:	Rig Release Da	ite:	MIT T	10UIS
<u></u>		L	CD Hobbs office 24 of running MIT Test	& Cham
				-41
I hereby certify that the informatio	n above is true and complete to the be	est of my knowledge	e and belief.	
\mathcal{P}				
SIGNATURE OUNT INC.	TITLE_ <u>Con</u>	npliance Coordinato	rDATE_ <u>12/04/2</u>	2019
The second se				(80.5000
Type or print name <u>Laura Pina</u> For State Use Only	E-mail address:	na@legacylp.com	PHONE: <u>432-</u>	089-3200
	17 0	∂ 1	1.	0.2 . 19
APPROVED BY: KIN	Juh TITLE C.		T	2-20-19
Conditions of Approval (if any)				

								1	
CURRENT COMPLETION SC	CHEMATIC	LEASE NAME		Cooper Jal U				WELL NO.	113
		STATUS:		Active	Oll	New Mer	400	AP# 30	-025-09496
		LOCATION: SPUD DATE:		330 FSL & 2310 FWL, Sec 13, T - TD	3615	KB	3,334	DF	·
		INT. COMP. D/	ATE:	12/02/51 PBTD	3615	GL	3,327	İ.	
					GEOLOGICAL DATA	8	CORES		
urface Csg			ELEC	TRIC LOGS:			CORES	. DST'S or MUD L	<u>OGS:</u>
e Size: 13 1/2 in		GR-N-CCL from	n 3513 - 26	00' (12-8-93 Halliburton)					
g. Size: 10 3/4 in Set@: 233 ft	11			HYPO	ARBON BEARING ZONE	перты т	098.		
as Cmt: 125		Based of Salt -	2830'	Yates @ 3004'			0_0,		
Circ: Yes		7-Rivers @ 321	14'	Queen @ 3568'					
OC@: surf ⊿									
OC by: circ		SURF.	10 3/A" - A	0#, J-55 set@ 233' Cmt'd w/12	CASING PROFILE	5			
				55 set@ 3345' Cmt'd w/200 sx		hy calc	DV tool @122	20' - 0000 200 str	
				#, J-55 set from 2406' - 3446' C			01 001 @122	7" Csg TOC@	
111			V 112 14		IRRENT PERFORATIO		۹	, og 100g	000 by 000.
	TOC @ 530"	CSG. PERFS	S:	3001'-3224'			_	13436 - 3615'	
		TUBING DET	<u>TAIL</u>	07/13/12	ROD DETAIL		07/13/12		
			-						
	1	Length (ft)		Detail	Length (ft)		Detail		
	1	7		К.В.	. 20	1	1 1/4" x 22'	polish rod w/ 7/8	" Pin
	1	2885	87	2 7/8" 6.5#, J-55, 8rd EUE tb	•	1	1 1/4" x 1 1/	/2" x 14'	
		3	1	5 1/2" x 2 7/8" TAC	20	4		1* Pony Rods	
111	l	594	18	2 7/8" 6.5#, J-55, 8rd EUE to	•	42	1" steel rod:		
		24	1	2 7/8" x 2 1/4" x 25' WB	1200	47	7/8" steel ro		
	1	4	1	2 7/8" Perf sub	625	25	3/4" steel ro		
	DV Tool @ 1220*	31	1	2 7/8" Mud Anchor joint	600	24	1 1/4" K-Ba		
		3548		btm	4	1	2 1/2" x 4 in	isert plunger	
		ľ			3519		btm		
		[
		WELL HISTORY	SUMMARY	,					
		15-Feb-55 5-Aug-58 22-Dec-69	C/O and F C/O fill fro C/O fill fro	il: 3446 -3615' (7RVS/Queen - (rac w/ 6,000 gals Ise oil & 8,000 m 3493 - 3605' m 3500 - 3610' C22 D		pu a 12	а менура (но	wing), 13117-70	o p si.
			Installed n	28D Pumping Unit ww 2 7/8" tbg					
		24-May-77	Installed 4	56D Pumping Unit					
	TOL @ 2406"	14-Sep-87	C/O to 36						
	TOL @ 2405"	14-Sep-87 6-Dec-93	C/O to 36 [.] C/O to 36	15' 15'. Ran GR-N-CCL f/ 3513'-26	•	-		-	•
	TOL @ 2406"	14-Sep-87 6-Dec-93	C/O to 36 [°] C/O to 36 Tansill/Ya	15' 15'. Ran GR-N-CCL f/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 in	tervals w/ 300 - 0.46" c	ila hole	s, 150' of net	pay. Frac perfs	3001'-3224' w/
	TOL @ 2406"	14-Sep-87 6-Dec-93	C/O to 36 ⁺ C/O to 36 Tansill/Ya 34,566 ga	15' 15'. Ran GR-N-CCL f/ 3513'-26	tervals w/ 300 - 0.46" c 0,000#'s 12/20 brady sa	dia hole and. Scr	s, 150' of net eened out on	pay. Frac perfs 10ppg sand, 121	3001'-3224' w/ ,500#'s in formati
	TOL @ 2406*	14-Sep-87 6-Dec-93 29-Mar-94	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand. C/O sand	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'.	tervals w/ 300 - 0.46" c 0,000#'s 12/20 brady s over frac load f/ 12-19-	dia hole and. Scr •93 throi	s, 150° of net eened out on ugh 3/28/94. S	pay. Frac perfs 10ppg sand, 121 anding problems	3001'-3224' w/ ,500#'s in formati and 0 bopd.
		14-Sep-87 6-Dec-93 29-Mar-94	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand. C/O sand IP= 4 bop	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd.	tervals w/ 300 - 0.46" o 0,000#'s 12/20 brady se cover frac load f/ 12-19- Ris RBP & POOH. RiH	dia hole and. Scr •93 thro: & tag Ti	s, 150' of net eened out on ugh 3/28/94. S D @ 3615'. Ra	pay. Frac perfs 10ppg sand, 121 anding problems in production equ	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP.
	TOL @ 2406 TOC @ 2525	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02	C/O to 36 C/O to 36 Tansill/Ya 34,566 gal C/O sand C/O sand IP= 4 bop Replaced	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 in Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to rei w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221	tervals w/ 300 - 0.46" o 0,000#'s 12/20 brady se œver frac load f/ 12-19- Ris RBP & POOH. RIH 8 Pumping unit w/ a Lufi	dia hote and. Scr -93 throu & tag Ti & tag Ti kin 320 l	s, 150' of net eened out on ' ugh 3/28/94. S D @ 3615'. Ra D. E. 120" stro	pay. Frac perfs 10ppg sand, 121 anding problems in production equ	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP.
Size: 6 1/4 in		14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03	C/O to 36 ⁻ C/O to 36 Tansill/Ya 34,566 gal C/O sand. C/O sand IP= 4 bop Replaced Parted 7/8	15' 15'. Ran GR-N-CCL // 3513'-26 Ites/7RVR) f/ 3001'-3224', 10 in is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to rei w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! Pony rod below polished rod. I	tervals w/ 300 - 0.46" d 0,000#s 12/20 brady sa cover frac load f/ 12-19 RIs RBP & POOH. RIH 8 Pumping unit w/ a Luff Replaced and place well	dia hole and. Scr -93 throa & tag Ti & tag Ti kin 320 i I on pun	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol 1p.	pay. Frac perfs 10ppg sand, 121 anding problems in production equ ke. Move Bethle	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hem to CJU # 209
Size: 6 1/4 in J. Size: 5 1/2 in		14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand C/O sand IP= 4 bop Replaced Parted 7/8 Rod parter	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ittes/7RVR) f/ 3001'-3224', 10 in is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221 " pony rod below polished rod. 1 d 22 joints f/ surface. POOH w/	tervals w/ 300 - 0.46" d 0,000#s 12/20 brady se cover frac load f/ 12-19- RIs RBP & POOH. RIH 8 Pumping unit w/ a Luff Replaced and place well ods & pump. Tallied out	dia hole and. Scr 93 throu & tag Ti kin 320 i on pun t of hole	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120" strol np. tbg. Laid down	pay. Frac perfs 10ppg sand, 121 anding problems in production equive ke. Move Bethlei n 7 joints of tubir	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hem to CJU # 209
Size: 6 1/4 in		14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03	C/O to 36 C/O to 36 Tansill/Ya 34,566 gal C/O sand. C/O sand IP= 4 bop Replaced Parted 7/8 Rod parter K-Bars. Ri	15' 15'. Ran GR-N-CCL // 3513'-26 Ites/7RVR) f/ 3001'-3224', 10 in is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to rei w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! Pony rod below polished rod. I	tervals w/ 300 - 0.46* of 0,000#s 12/20 brady sa cover frac load f/ 12-19- Ris RBP & POOH. RIH 8 Pumping unit w/ a Luft Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4*	dia hole and. Scr 93 throu & tag Ti kin 320 i on pun t of hole plunger	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120" strol np. tbg. Laid down on rod string.	pay. Frac perfs 10ppg sand, 121 anding problems in production equive ke. Move Bethlei n 7 joints of tubir	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hem to CJU # 209
Size: 6 1/4 in . Size: 5 1/2 in Top: 2406 Btm: 3446 ft		14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand. C/O sand IP= 4 bop Replaced Parted 7/8 Rod parter K-Bars. Ri Parted 1 ^{**} POOH witt	15' 15'. Ran GR-N-CCL 1/ 3513'-26 httes/7RVR) f/ 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221 1° pony rod below polished rod. I d 22 joints f/ surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so cover frac load // 12-19- Ris RBP & POOH. RIH Replaced and place well ods & pump. Tallied oui tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a	dia hole and. Scr 93 throu & tag Ti kin 320 i on pun t of hole plunger d place nd new	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° stroi p. tbg. Laid down on rod string. well on pump. rod string. PW	pay. Frac perfs 10ppg sand, 121 anding problems in production equ ke. Move Bethlei n 7 joints of tubir PWOP. OP.	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hem to CJU # 209 ng and 7 - 1 1/4"
Size: 6 1/4 in . Size: 5 1/2 in Top: 2406 Bim: 3446 ft s Cmt: 150 OC@: TOL	TOC @ 2525	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand. C/O sand IP= 4 bop Replaced Parted 7/8 Replaced Parted 7/8 Red partes K-Bars. RI Parted 1 ⁼ POOH witt Parted 3/4	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 in Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to rei w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221 " pony rod below polished rod. I d 22 joints f/ surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to	tervals w/ 300 - 0.46" d 0,000#s 12/20 brady se cover frac load // 12-19- Ris RBP & POOH. RIH 8 Pumping unit w/ a Luff Replaced and place well ods & pump. Tallied out (tubing. RIH with 2 1/4" urface. Replaced rod an wear. POOH with rods	dia hole and. Scr 93 thros & tag Ti kin 320 i i on pun t of hole plunger d place nd new and pun	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120" stroi np. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at 3	pay. Frac perfs 10ppg sand, 121 anding problems an production equ ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH with	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" ht tubing. Change
Size: 6 1/4 in . Size: 5 1/2 in Top: 2406 Bim: 3446 ft s Cmt: 150 OC@: TOL		14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand C/O sand IP= 4 bop Replaced Parted 7/8 Rod parter K-Bars. RI Parted 1 ^s PoOH wit Parted 3/4 out tubing	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 in Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221 "pony rod below polished rod" d 22 joints f/ surface. POOH w/ H with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and "rod (97th - body break) due to pump. RIH with tubing pump, tu	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady se cover frac load // 12-19- Rls RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods : bing, plunger and rods.	dia hole and. Scr 93 thros & tag Ti kin 320 f i on pun t of hole plunger d place nd new and pun Loaded	s, 150° of net eened out on ugh 3/28/94. S D @ 3615'. Ra D. E. 120" strol np. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and	pay. Frac perfs 10ppg sand, 121 anding problems an production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH witt test to 500#. PV	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hem to CJU # 209 ng and 7 - 1 1/4" th tubing. Change VOP.
Size: 6 1/4 in . Size: 5 1/2 in Top: 2406 Bim: 3446 ft s Cmt: 150 OC@: TOL	TOC @ 2525 Y @ 3004'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 ga C/O sand C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Rod partee K-Bars. RI Parted 1 [*] POCH witt POCH witt POCH witt POCH witt	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 in Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221 '' pony rod below polished rod. I d 22 joints f/ surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and '' rod (97th - body break) due to pump. RIH with tubing pumpt. h parted 91th - 3/4" rod (box brea	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady se cover frac load f/ 12-19- Rls RBP & POOH. RIH 8 Pumping unit w/ a Luff Replaced and place well ods & pump. Tallied out 1 tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods , bing, plunger and rods. k). POOH with rods, pum	dia hole and. Scr 93 thros & tag Ti kin 320 f i on pun t of hole plunger d place nd new and pun Loaded	s, 150° of net eened out on ugh 3/28/94. S D @ 3615'. Ra D. E. 120" strol np. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and	pay. Frac perfs 10ppg sand, 121 anding problems an production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH witt test to 500#. PV	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hem to CJU # 209 ng and 7 - 1 1/4" th tubing. Change VOP.
Size: 6 1/4 in . Size: 5 1/2 in Top: 2406 Bim: 3446 ft s Cmt: 150 OC@: TOL	TOC @ 2525	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 gai C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Replaced Parted 7/8 Parted 1 ^s POOH wit Parted 3/4 out tubing POOH wit boxes due	15' 15'. Ran GR-N-CCL 1/ 3513'-26 ites/7RVR) f/ 3001'-3224', 10 in Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 221 "pony rod below polished rod" d 22 joints f/ surface. POOH w/ H with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and "rod (97th - body break) due to pump. RIH with tubing pump, tu	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so cover frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throu 8 tag Ti 4 on pun t of hole plunger d place nd new and pun Loaded up and tu	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formati- and 0 bopd. ulpment. PWOP. hem to CJU # 209 ng and 7 - 1 1/4" th tubing. Change VOP. psig. Changed our
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Btm: 3446 ft sc Cmt: 150 TOC@: TOL OC by: circ Production Csg. e Size: 97/8 in p. Size: 7 in Set @: 3215 ft is Cmt: 400	TOC @ 2525 Y @ 3004' 3001' 10 intervats 3224' 7-R @ 3214' <u>OH intervat</u> 3436 - 3615'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 gai C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Replaced Parted 7/8 Parted 1 ^s POOH wit Parted 3/4 out tubing POOH wit boxes due	15' 15'. Ran GR-N-CCL <i>1</i> / 3513'-26 ites/7RVR) <i>f</i> / 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! " pony rod below polished rod. I d 22 joints <i>f</i> / surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to pump. RIH with tubing pump, tu h parted 91th - 3/4" rod (box breas to wear. RIH plunger and rods. F	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so cover frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throu 8 tag Ti 4 on pun t of hole plunger d place nd new and pun Loaded up and tu	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formation and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" th tubing. Changed VOP. psig. Changed out
9 Size: 6 1/4 in 9. Size: 5 1/2 in Top: 2406 Btm: 3446 ft ISO FOC@: TOL OC by: circ Production Csg. e Size: 9 7/8 in 9. Size: 7 in Set@: 3215 ft IS Cmt: 400 Circ: No OC @: 530 ft f/ surf	TOC @ 2525 Y @ 3004' 3001' 10 intervats 3224' 7-R @ 3214' <u>OH intervat</u> 3436 - 3615'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 gai C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Replaced Parted 7/8 Parted 1 ^s POOH wit Parted 3/4 out tubing POOH wit boxes due	15' 15'. Ran GR-N-CCL <i>1</i> / 3513'-26 ites/7RVR) <i>f</i> / 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! " pony rod below polished rod. I d 22 joints <i>f</i> / surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to pump. RIH with tubing pump, tu h parted 91th - 3/4" rod (box breas to wear. RIH plunger and rods. F	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so cover frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throu 8 tag Ti 4 on pun t of hole plunger d place nd new and pun Loaded up and tu	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formation and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" th tubing. Changed VOP. psig. Changed out
a Size: 6 1/4 in p. Size: 5 1/2 in Top: 2406 Bitm: 3446 ft as Cmt: 150 FOC@: TOL OC by: circ Production Csg. e Size: 9 7/8 in p. Size: 7 in Set @: 3215 ft is Cmt: 400 Circ: No OC @: 530 ft f/surf OC by: calc	TOC @ 2525 Y @ 3004' 3001' 10 intervats 3224' 7-R @ 3214' <u>OH intervat</u> 3436 - 3615'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 gai C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Replaced Parted 7/8 Parted 1 ^s POOH wit Parted 3/4 out tubing POOH wit boxes due	15' 15'. Ran GR-N-CCL <i>1</i> / 3513'-26 ites/7RVR) <i>f</i> / 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! " pony rod below polished rod. I d 22 joints <i>f</i> / surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to pump. RIH with tubing pump, tu h parted 91th - 3/4" rod (box breas to wear. RIH plunger and rods. F	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so over frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throu 8 tag Ti 4 on pun t of hole plunger d place nd new and pun Loaded up and tu	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formation and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" th tubing. Changed VOP. psig. Changed out
Size: 6 1/4 in J. Size: 5 1/2 in Top: 2406 Bim: 3446 ft is Cmt: 150 TOC@: TOL OC by: clrc Production Csa. 5 a Size: 9 7/8 in b. Size: 7 in Set @: 3215 ft s Cmt: 400 Circ: No OC @: 530 ft f/ surf	TOC @ 2525 Y @ 3004' 3001' 10 intervats 3224' 7-R @ 3214' <u>OH intervat</u> 3436 - 3615'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 gai C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Replaced Parted 7/8 Parted 1 ^s POOH wit Parted 3/4 out tubing POOH wit boxes due	15' 15'. Ran GR-N-CCL <i>1</i> / 3513'-26 ites/7RVR) <i>f</i> / 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! " pony rod below polished rod. I d 22 joints <i>f</i> / surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to pump. RIH with tubing pump, tu h parted 91th - 3/4" rod (box breas to wear. RIH plunger and rods. F	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so over frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throu 8 tag Ti 4 on pun t of hole plunger d place nd new and pun Loaded up and tu	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formation and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" th tubing. Changed VOP. psig. Changed out
Size: 6 1/4 in J. Size: 5 1/2 in Top: 2406 Bim: 3446 ft s Cmt: 150 OC@: TOL OC@: TOL DC by: circ Production Css.	TOC @ 2525 Y @ 3004' 3001' 10 intervats 3224' 7-R @ 3214' <u>OH Intervat</u> 3436 - 3615' Q @ 3568'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansill/Ya 34,566 gai C/O sand C/O sand C/O sand Parted 7/8 Replaced Parted 7/8 Replaced Parted 7/8 Parted 1 ^s POOH wit Parted 3/4 out tubing POOH wit boxes due	15' 15'. Ran GR-N-CCL <i>1</i> / 3513'-26 ites/7RVR) <i>f</i> / 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! " pony rod below polished rod. I d 22 joints <i>f</i> / surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to pump. RIH with tubing pump, tu h parted 91th - 3/4" rod (box breas to wear. RIH plunger and rods. F	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so over frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throu 8 tag Ti 4 on pun t of hole plunger d place nd new and pun Loaded up and tu	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formation and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" th tubing. Changed VOP. psig. Changed out
Size: 6 1/4 in . Size: 5 1/2 in Top: 2406 Bim: 3446 ft s Cmt: 150 OC@: TOL CC by: circ Production Css. 6 Size: 7 in Size: 7 in s Cmt: 400 Circ: No CC @: 530 ft 1/ surf OC by: calc PBTD: 3615 ft TD: 3615 ft	TOC @ 2525 Y @ 3004' 3001' 10 intervats 3224' 7-R @ 3214' <u>OH Intervat</u> 3436 - 3615' Q @ 3568'	14-Sep-87 6-Dec-93 29-Mar-94 09-Oct-02 03-Mar-03 14-Jul-03 16-Dec-03 16-Jan-04 30-Jan-06 17-Aug-10	C/O to 36 C/O to 36 Tansiii/Ya 34,566 ga C/O sand C/O sand C/O sand C/O sand IP= 4 bop Replaced Parted 7/8 Rod partee K-Bars. RI Parted 34 out tubing POOH wit poOH wit boxes due POOH w/ j	15' 15'. Ran GR-N-CCL <i>1</i> / 3513'-26 ites/7RVR) <i>f</i> / 3001'-3224', 10 In Is 30# crosslinked gel carring 13 Ran tbg & rods. Pmp well to re- w/ foam to top of RBP@ 3367'. d, 239 bwpd, 110 Mcfgpd. Pump. Replaced Bethlehem 22! " pony rod below polished rod. I d 22 joints <i>f</i> / surface. POOH w/ IH with 2 1/4" working barrel and rod (body break) 12 rods from s h and laid down rods string and " rod (97th - body break) due to pump. RIH with tubing pump, tu h parted 91th - 3/4" rod (box breas to wear. RIH plunger and rods. F	tervals w/ 300 - 0.46" c 0,000#s 12/20 brady so over frac load f/ 12-19- RIs RBP & POOH. RIH Replaced and place well ods & pump. Tallied out tubing. RIH with 2 1/4" urface. Replaced rod an pump. RIH with pump a wear. POOH with rods ; bing, plunger and rods. k). POOH with rods, pur WOP.	dia hole and. Scr 93 throus & tag TI i on pun t of hole plunger d place nd new and pun Loaded p and tu np & tub	s, 150° of net eened out on ugh 3/28/94. S. D @ 3615'. Ra D. E. 120° strol p. tbg. Laid down on rod string. well on pump. rod string. PW np. Tagged at up tubing and ubing. Hydrotes	pay. Frac perfs 10ppg sand, 121 anding problems in production equi- ke. Move Bethlei n 7 joints of tubir PWOP. OP. 3586', POOH wit test to 500#. PV it tubing to 7,000	3001'-3224' w/ ,500#'s in formati and 0 bopd. ulpment. PWOP. hern to CJU # 209 ng and 7 - 1 1/4" th tubing. Change VOP. psig. Changed ou



Ceg. Size: 5 1/2 in To: 246 ft Site: 3 446 ft Size: 5 446 ft Size: 5 1/2 in To: 246 ft Size: 5 1/2 in To: 246 ft Size: 5 1/2 in To: 246 ft Size: 5 1/2 in To: 245 ft To: 345 ft					WELLBORE SCHEMATIC A	ND HISTORY				
Bardina Cut Location Staf FLA, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Bardina Cut Staf FLA, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Bardina Cut Staf FLA, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Bardina Cut Staf FLA, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Bardina Cut Staf FLA, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Bardina Cut Staf FLA, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Bardina Cut Staf FLA, Staf Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Staf FLA, Staf Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Ex 15, T. 35, ASE La Cutoup, Surtham Core La Cutoup, Surtham Core, Staf TP //L, Core Staf TP //L, Core, S	CURRENT COMPLETIO	N SCHEMATIC	LEASE NAME		Cooper Ja	al Unit			WELL NO.	113
Reference Dot Dist								·····	API#	30-025-09496
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Barlet Die Barlet Die Gewählt Litter Die Barlet Die Barlet	Hole Size: 13 1/2 in		GR-N-CCL fm	om 3513 - 260	0' (12-8-93 Halliburton)					
Bat off Utility Disk of Bill Utility Disk of Bill Bat off Utility Utility EABRE FROPILE Diff. 10 Mr - 400, 1.95 and 2.35 cmmt 44/2 as at the month stand. FOOD BILL Diff. 10 Mr - 400, 1.95 and 2.35 cmmt 44/2 as at the month stand. FOOD BILL VIDE B 2 / 10 Mr - 400, 1.95 and 2.35 cmmt 44/2 as at the month stand. FOOD BILL VIDE B 2 / 10 Mr - 400, 1.95 and 2.35 cmmt 44/2 as at the month stand. FOOD BILL VIDE B 2 / 10 Mr - 400, 1.95 and 2.35 cmmt 44/2 as at the month stand. FOOD BILL FOOD BILL VIDE B 2 / 10 Mr - 400, 1.95 and 2.35 cmmt 44/2 as at the month stand. FOOD BILL FOOD BILL VIDE B 2 / 10 Mr - 400, 1.95 and 2.37 cmmt 44/2 as at the month stand. FOOD BILL FOOD BILL FOOD BILL VIDE B 2 / 10 Mr - 400, 1.95 and 2.37 cmmt 44/2 as at the month stand. FOOD BILL FOOD BILL FOOD BILL 2 / 10 Mr - 400, 1.95 and 2.37 cmmt 44/2 as at the month stand. FOOD BILL FOOD BILL FOOD BILL 2 / 10 Mr - 400, 1.95 and 2.37 cmmt 44/2 as at the month stand. FOOD BILL FOOD BILL FOOD BILL 2 / 10 Mr - 400, 1.95		11			L.					
Core Total Cost total 100 fby ers 1 120 fby ers 1			Based of Salt	- 2830'		RUCARBUN DEANING 20		<u>10P3.</u>		
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CLICEBENT PERFORMITION BATA CSC. PERFS: COURSE AT THE PERFORMATION BATA DOPEN HOLISIGS - 3615 CSC. PERFS: 3001-3224* OPEN HOLISIGS - 3615 THEND DETAIL SC. PERFS: 0011-3224* OPEN HOLISIGS - 3615 TUBING DETAIL SC. PERFS: 0011-3224* 0011-3224* 0011-3224* TUBING PERFS: 0011-3224* 0011-3224* 0011-3224* TUBING PERFS: 0011-324* 0011-3224* 0011-3224* TUBING PERFS: 0011-324* 0011-324* 0011-324* TUBING PERFS: 0010-345* 0011-324* 0011-324* TUBING PERFS: 0010-345* 0011-345* 0011-345* TUBING PERFS: 0010-345* 0010-345* 0011-345* TUBING PERFS: 0010-345* 0010-345* 0010-345*										
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24 1 27.0° + 21.0° + 27.0° Million 1200 47.7° for steel rods 31 1 27.0° Million Archive joint 600 22 34* steer rods 35 1 27.0° Million Archive joint 600 24 1 27.0° Million 35 1 27.0° Million Archive joint 600 24 1 27.0° A steer rods 35 1 27.0° Million Archive Jane 4 1 27.0° A steer rods 35 0 0.00 20 at 10 of 10 Archive Jane 36.000° stand - - 4 1 27.0° Million Archive Jane 36.000° stand - - 7 10 10 film on 3883 - 3000° 38.000° stand - - - 7 10 10 film on 3883 - 3000° - <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>3</th>										3
Prediction Liner 4 1 27.0F Perf sub 625 25 34* steer rods 0// Two g 1207 355 1 27.0F Perf sub 625 23 14* 12* K* Bars 0// Two g 1207 3556 bim 4 1 21/2* X 4 fissert plunger 0// Two g 1207 3556 bim 4 1 21/2* X 4 fissert plunger 0// Two g 1207 6 506 3549 bim 4 0 VILL HETCHY SCHMANT 200-051 IC Intervet 3483-3415 C/TWSQ(dueen - 0H). IP=65 bopd, 0 bwpd & 122 Mctgpd (flowing). ISTP=700 psl. 15-40-52 C/D and Free w 6,000 gaits loo d & 8,000P stand 5000 (floted - will not perf Langle Mattix zone). Set RBPQ 3357. Perf d (Jalmed 72, 2007 Clob 3957 15-40-7 Instalid Zabo 270 Clob 3957 Clob 3957 Clob 3957 Clob 3957 10 9.057 Clob 3957 Clob 3957 Clob 3957 Clob 3957 10 0.0511 Intervet 400004 Vill 10011222 Clob 3957 Set 700 10 0.0511 Intervet 40000 Vill 2000 Set 2000 Vill 2000 <						-				
Projection Liner Toolston Co: Sec. 52 is Solar 0 01 1 2.70° Mud Anchor joint 000 24 1 2.112° X 4 lises in plunger 3519 WELL HISTORY SUBMATY 200-51 IC Intervel: 3443-351° (PRVSQUeen - OH) IP-86 bopd, 0 breed 8 122 Mctgpd (Rowing), ISTP=709 pcl. VELL HISTORY SUBMATY 200-51 IC Intervel: 3443-351° (PRVSQUeen - OH) IP-86 bopd, 0 breed 8 122 Mctgpd (Rowing), ISTP=709 pcl. VELL HISTORY SUBMATY 22-06-51 IC Intervel: 3443-351° (PRVSQUeen - OH) IP-86 bopd, 0 breed 8 122 Mctgpd (Rowing), ISTP=709 pcl. VELL HISTORY SUBMATY 22-06-51 IC Intervel: 3463-350° (Mctod - will not port Langle Mattix zone). Set RBPQ, 3377. Perfd (Jalmat/ 34-409-77 Intervel: 347-96 gcl. V. G. 300 ISTER INFR P ACOL RNL AL UP IN 3517. Perfd (Jalmat/ 34-56 gcl 32 Bord, 110 Mctgpd. ISTER INFR P ACOL RNL AL UP IN 3517. Perfd Jalmat/ 34-56 gcl 32 Bord, 110 Mctgpd. V. G. 300 ISTER INFR P ACOL RNL AL UP IN 3517. Perfd Jalmat/ 34-56 gcl 32 Bord, 110 Mctgpd. ISTER INFR P ACOL RNL AL UP IN 3500. Photoel will not port Langle Mattix zone). Set RBPQ, 3377. Perfd Jalmat/ 34-56 gcl 32 Bord, 110 Mctgpd. V. G. 300 ISTER INFR P ACOL RNL AL UP IN 3500. Photoel will not port Langle Mattix zone). Set RBPQ, 3387. PhotPH Acol Mathy ISTER INFR P ACOL RNL AL UP IN 3500. Photoel will not an antiper IND, 3200. Ft 120° stock and port and port Acol Mattix anding acol Mathy ISTER INFR P ACOL RNL AL UP IN 3500.										
Tradection Liner 3548 bm 4 1 21/2* 4 inset plunger B-200-51 IC Intervit* 00MANY 2200-51 IC Intervit* 244 - 3519 (TRVSGluen - 04), IP=58 bopd, 9 bwpd & 122 Mctgod (flowing), ISITP=709 psl. 15763-55 CO and Frace w/ 6.000 gals iso di & 8.000% sand IS-40-55 CO and Frace w/ 6.000 gals iso di & 8.000% sand 2200-56 CO fil from 350 - 3510 (200-51) 12.212 mctgod (flowing), ISITP=709 psl. IS-44-77 Instaled cave 7 //8* Tbg 2200-56 CO fil from 350 - 3510 (200-51) 12.220-571 10.1133 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 11.112 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 11.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.11232 (200-71) 10.		DV Tool @ 1220								
Tradection Liner Total State					•					
Production Liner To Ge poor To Ce prior So the state for So						3519	7			
Production Liner To Ge poor To Ce prior So the state for So			1							
Production Liner To Ge poor To Ce prior So the state for So										
15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Str 7- In fastiled new 278* bg 22-Dec-59 15-Feb-55 C/D and Str 7- In fastiled new 278* bg 22-Dec-59 15-Feb-55 C/D and Str 7- In fastiled new 278* bg 3367* Statiled out of hole bg, 120% of net pay. Fric perfs 3001-3224 wf 34,566 gais 300 mostiled palering 130,000% 1220 bmdy and 220-Bwdy and 000% pale 120,000% in tomation. C/D and Aran bg 4 rots. Prop well to recover frac load by 12-1943 through 320/Ps. Standing problems and 0 bpd. C/D and Aran bg 4 rots. Prop well ball or dc. Ref Bg 2307*. Nem Fd (Jaimat/ Tansill/Tates/TRVR) f 3001-3224 wf 34,566 gais 300 mostiled palering 130,000% 1220 bmdy and 220-Bwdy and 100 gais 11.210% stoke. Move Bethelem to C/U # 209. Most 500 most 100 gais 12.210% stoke. Move Bethelem to C/U # 209. Most 500 most 100 gais 11.110% for participation and face well on pump. 14-Ju-03 100 gais 100 gais 110 gais 1			WELL HISTOP	IY SUMMARY						
15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Frac wf 6000 gais teo il & 8,0000Fs and 22-Dec-59 15-Feb-55 C/D and Str 7- In fastiled new 278* bg 22-Dec-59 15-Feb-55 C/D and Str 7- In fastiled new 278* bg 22-Dec-59 15-Feb-55 C/D and Str 7- In fastiled new 278* bg 3367* Statiled out of hole bg, 120% of net pay. Fric perfs 3001-3224 wf 34,566 gais 300 mostiled palering 130,000% 1220 bmdy and 220-Bwdy and 000% pale 120,000% in tomation. C/D and Aran bg 4 rots. Prop well to recover frac load by 12-1943 through 320/Ps. Standing problems and 0 bpd. C/D and Aran bg 4 rots. Prop well ball or dc. Ref Bg 2307*. Nem Fd (Jaimat/ Tansill/Tates/TRVR) f 3001-3224 wf 34,566 gais 300 mostiled palering 130,000% 1220 bmdy and 220-Bwdy and 100 gais 11.210% stoke. Move Bethelem to C/U # 209. Most 500 most 100 gais 12.210% stoke. Move Bethelem to C/U # 209. Most 500 most 100 gais 11.110% for participation and face well on pump. 14-Ju-03 100 gais 100 gais 110 gais 1			2-Dec-51	IC Interval	: 3446 -3615' (7RVS/Que	an - OH), IP=96 bood, 0	bwod & 1	22 Mcfapd (f	lowing), ISITP	=700 psi.
22-Oe-C4 22-OE-C4 2									3,1	
Production Liner 10. @ 36F Production Liner 10. @ 36F Co is 315 C/D is 315 Co is 315 C/D is 315 Production Liner 10. @ 36F Co is 315 C/D is 315 Co is 315 C/D is 315 Siste: 61/d in Co is 315 C/D is 315 Co is 315 C/D is 315 Co is 315 Siste: Siste: Siste: Siste: Siste: Siste: Siste: Siste: Siste: Siste: Siste: Siste: Siste: S										
Production Liner 16-Mar-77 Installed Adep 2 7/8" bg (2/4)47/7 Installed Adep 2 7/8" bg (2/6) 3815 Production Liner 14-Sep-87 C/C to 3815 AGR-4-CCL // 3513-2800" (Noted - will not perf Langlie Mattix zone). Set RBP@ 3367. Perfd (Laimed Tamsil/Yates/TRVR) // 3001*3224, 10 Intervisel w/ 300.006% 12/20 brady sund. Screened out on 10pg sand, 12/5007% in formation C/C sand. Ran bg & rods. Pmp will to recover face 104 in 21-933 through 322844. Sanding problems and 0 bopd. 29-Mar-9 C/C sand. Ran bg & rods. Pmp will to recover face 104 in 21-933 through 322844. Sanding problems and 0 bopd. 100-02-12 Sander 30 Parted 7/8" pony rod below polished rod. Replaced and place well on pump. 10-02-12 Replaced Bathielem to 22.01 # 200. C/U # 200. 10-02-12 Replaced Bathielem to 23.01 # Core 50.01 # 102.01 # 200. C/U # 200. 10-02-12 Replaced Bathielem to 23.01 # Core 50.01 # 100.01 # 200. C/U # 200. 10-02-12 Replaced Pump, Replaced Bathielem to 23.01 # Core 50.01 # 100.02 # 100.00 # 100										
Production Liner 24-May-77 Installed 456D Pumping Unit To Q 300F C/D 0 3015 Sint 5:400F C/C L/D 0315 Sint										
Production Liner To: 6:260 To: 6:260 Production Liner To: 6:260 To: 6:260 Production Liner To: 6:261 To: 6:261 To: 6:261 To: 6:265 Cito: 30:15 To: 6:15 ft To: 30:15 ft OtiD: 30:15 ft OtiD: 30:15 ft OtiD: 30:15 ft										
CUD to 3615 Ran GR-H-CCL 1/ 3513-2800 (Noted - will not pert Langlie Matik zone). Set RBP@ 3367. Perf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 for etaps, 7-Rerf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 for etaps, 7-Rerf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 for etaps, 7-Rerf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 for etaps, 7-Rerf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 for etaps, 7-Rerf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 for etaps, 7-Rerf4 (Laimet Tanalil/Veter/TKP/19/ 3001-3224, // 3406 fab look, 1500 feb look		TOL @ 2406"								
Production Liner 34,566 gais 30th crossilinked gai carring 130,000% is 1220 brady sand. Screened out on 10pp gand, 121,500% in formation Production Liner To C @ 3257 Lide Size: 5 1/2 in To C @ 3257 To C @ 3257 Replaced Pump. Replaced Bethleham 228 Pumping unit W a Lufkin 320 D. E. 120° stroke. Move Bethleham to C JU # 209. Bitti Size S 10 in To C @ 3257 Replaced Pump. Replaced Bethleham 228 Pumping unit W a Lufkin 320 D. E. 120° stroke. Move Bethleham to C JU # 209. Bitti Size S 10 in To C @ 3257 Replaced Pump. Replaced Bethleham 228 Pumping unit W a Lufkin 320 D. E. 120° stroke. Move Bethleham to C JU # 209. Bitti Size S 10 in To C @ 3267 To C @ 3257 Sas Cmt 150 To C @ 3257 To C @ 3000* To C @ 3000* Y @ 3000* Y @ 3000* To C @ 3258* Y @ 3000* Y @ 3000* Y @ 3000* <th></th> <th></th> <th></th> <th></th> <th></th> <th>3'-2600' (Noted - will not</th> <th>perf Langli</th> <th>e Mattix zone)</th> <th>. Set RBP@ 3</th> <th>367'. Perf'd (Jalmat/</th>						3'-2600' (Noted - will not	perf Langli	e Mattix zone)	. Set RBP@ 3	367'. Perf'd (Jalmat/
Production Liner table Size: 914 h CC0 samit A Ram bg 4 rods. Prip well to recover free load if 1/2-19-93 through 3/28/44. Sanking problems and 0 bopd. 29-Mar-94 C/O samit A Ram bg 4 rods. Prip well to recover free load if 1/2-19-93 through 3/28/44. Sanking problems and 0 bopd. 29-Mar-94 C/O samit A Ram bg 4 rods. Prip well to recover free load if 1/2-19-93 through 3/28/44. Sanking problems and 0 bopd. 29-Mar-94 C/O samit A Ram bg 4 rods. Prip well to recover free load if 1/2-19-93 through 3/28/44. Sanking problems and 0 bopd. 29-Mar-94 C/O samit A Ram bg 4 rods. Prip well to recover free load if 1/2-19-93 through 3/28/44. Sanking problems and 0 bopd. 29-Mar-94 C/O samit A Ram bg 4 rods. Prip well to recover free load if 1/2-19-93 through 3/28/44. Sanking problems and 0 bopd. 30-Mar-04 Parted 3/8* Prip well be for well and print wit a Lufkin 320 D. E. 120* stroke. Move Bethlehem to CJU# 209. to 3/4* 6 do parted 22 pinking 4 mark 1/2 rods free well and pump. The stroke Prip Prip 1/2 rods for mauface. Replaced 10 ng pump. 30-Mar-04 Parted 1/* rod (brok break) 12 rods free well and pump. The pump and new not atting. Prip Prip 10: banking the pump for the black and place well and tools. PMOP. 10-David Pool With and 1 and (bood break) 2 Pool With rods and pump. Tableg at 356/8 POOl With bods and pump. Tableg at 356/8 POOl With banks and place well at blang. J Pool With parted 316: -3/4* rod (broke treak) Pool With rods. pump and tableg. Prip 20 well at blang at a sto 500#. PVOP. 11-Aub-	1									
Production Liner taids Exac. 61 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /										
Preduction Liner taik Size. 6 1/4 in Cap, Size. 5 1/2 in Top: 2466 Top: 2466 Size. 5 1/2 in Top: 2466 Top: 2466 Bits: 3446 ft Size. Top: 2466 Size. 5 1/2 in Top: 2466 Y @ 300* Y @ 30* </th <th></th> <th></th> <th>20 Mar 04</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>			20 Mar 04							
Production Liner toes Size: 61 44 in Cos. Size: 71/8 in Cos. Size: 51 21 in To: 2406 Toc © 2527 (0-0-02 Replaced Pump. Replaced Bethiehem 228 Pumping unit wirls 1320 Pumping Cos. Size: 51 21 in To: 2406 Toc © 2527 Bin: 3446 ft Sam: 5446 ft Sam: 5446 ft Toc © 70 L Toc © 70 L			23-11181-34		· · ·		NIT OLLAY	D @ 3013. 1	tan production	equipment. PWOP.
 biole State: 5 114 in Cug. State: 5 114 in Cug. State: 5 114 in Cug. State: 5 112 in Cug. State: 5 114 in	Production Liner	TOC @ 2525	09-Oct-02				Lufkin 320	D. E. 120" st	oke. Move Be	thlehem to CJU # 209.
Toc: 2006 Bin:: 3446 ft Six:: Toc: Toc:: Toc:: Toc::: Toc::: Toc:::: To::: To:::: To::: To:::::: To:::: To::: Toc::::::::::::::::::::::::::::::::::::	Hole Size: 6 1/4 In			Parted 7/8	pony rod below polished	rod. Replaced and place	well on pu	mp.		
Bern: 3446 ft Size Crit: 150 TOC by: eiter Production Cas. Hole Size: 7 in Sa Crit: 1977 in Cag. Size: 7 in Sa Crit: 400 Crit: No TOC by: ealc PHTD: 3815 ft TD: 3815 ft	Csg. Size: 5 1/2 In		14-Jul-03							ubing and 7 - 1 1/4"
Six Circl: 150 TOC by: erc TOC by: erc TOC by: erc Production Cas. Ref Star TOC by: erc Production Cas. Production Cas		11	40.0 00							
TOC g: TOL TOC by: eice Y @ 300* TOC by: eice Y @ 300* 10 introduction Case. Production Case. 10 Hele Size: 978 in Cag. Size: 7 in Size: 978 in Cig. Size: 7 in Size: 978 in OC (in: No 0 O'I Intervetain 94336 - 3815* O @ 3566* O'Hill Hill Plane Pl					· · ·	•	•			
TOC by: circ out tubing pump. RIH with tubing pump, tubing, plunger and rods. Loaded up tubing and tubing. Hydrotest tubing to 7,000 psig. Changed out 3 boxes due to wear. RIH plunger and rods. PWOP. 17-Aug-10 POOH with parted 91th - 34" nd (box break), POOH with rods, pump and tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 11-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 11-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 12-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 12-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 12-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 12-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 12-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 13-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Laid down 3 - 3/4" & 20 - 1" rods - fiat. PWOP. 13-Jul-12 Q @ 3568" Proposed CIBP @ 2950' with 35' cement DH ID: 434 in DH ID: 434 in										with tubing. Changed
Production Gas. boxes due to wear. RIH plunger and rods. PWOP. 11-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Leid down 3 - 3/4" & 20 - 1" rods - flat. PWOP. 11-Jul-12 POOH w/ parted 31th - 1" rod (broken coupling). POOH w/ rods, pump & tubing. Leid down 3 - 3/4" & 20 - 1" rods - flat. PWOP. 11-Jul-12 Pooposed Set @: 3215 ft 322" Sra Gri: 400 7.R @ 3214' Offic: No suf 04 Internal 3436 - 3815 ft Q @ 3566' PBTD: 3815 ft Offic: 434 in		Y @ 3004'	1	out tubing	pump. RIH with tubing pun	np, tubing, plunger and re	ods. Loade	d up tubing ar	nd test to 500#	. PWOP.
Production Case. Production Case. Production Case. Sva Cimit 400 Circ: No TOC By: calc PBTD: 3615 ft TD: 3815 ft OHID: 434 in Hillo 4 Jain OHID: 434 in			17-Aug-10		•		pump and	tubing. Hydrot	est tubing to 7,0	000 psig. Changed out 39
Production Case. 10 Intervals Hole Size: -9 7/8 in Set 8:: -20 7/8 in Set 8:: -20 7/8 in Set 9:: -20 - 20 - 20 - 20 - 20 - 20 - 20 - 2		3001'						باستعدا مستعا		17 mades Ant Philop
Production Cas. Proposed CIBP @ 2950' with 35' cement Sat @: 3215 n Sat @: 3215 n Sat @: 3215 n Proposed CIBP @ 2950' with 35' cement Office: No Office: No TOC @: 530 ft / surf Office: No TOC by: calc Office: No Office: No			11-301-12	POUH W/ Ø	aneo 3101 - 1º rod (broken	coupling). POOH w/ rods,	, pump & tu	wing. Laid dow	m 3 - 3/4° & 20	- Toros - Tat. PWOP.
Hole Size: . 9 7/8 in Ceg. Size: . 7 in Size cmt: 400 Circ: No TOC @: 530 ft // surf TOC by: calc PBTD: 3615 ft TD: 3615 ft TD: 3615 ft CHID: 434 in	Production Cso.									
Set @: 3215 ft 7-R @ 3214' Proposed CIBP @ 2950' with 35' cement Sxs Cmt: 400 OH OH OH OH Clrc: No TOC @: 530 ft / suft OH OH OH TOC by: calc OH OH OH OH 98 TD: 3615 ft OH OH OH OH OH TD: 3615 ft OH OH OH OH OH OH OH ID: 434 in OH	Hole Size: 97/8 in									
Sxa Cmt: 400 Clrc: No TOC @: 530 ft // suff OH intervel 3436 - 3615' Q @ 3566' Q @ 3566' Q @ 3566' PBTD: 3615 ft DH D: 434 in	Csg. Size: 7 In	3224'								
Circ: No TOC @: 530 ft // surf TOC by: calc Q @ 3568' Q @ 3568' PBTD: 3615 ft TD: 3615 ft OH ID: 434 in	Set @: 3215 ft	7-R @ 3214	Proposed	CIBP @ 29	50' with 35' cement					
TOC @: 530 ft 1/surf TOC by: calc PBTD: 3615 ft TD: 3615 ft DHID: 4 34 in		11	1							
TOC by: calc 3436 - 3615' Q @ 3566' PBTD: 3615 ft TD: 3615 ft OH ID: 434 in		- 11								
PBTD: 3615 ft TD: 3615 ft OH ID: 4 34 in						1				
PBTD: 3615 ft TD: 3615 ft OH ID: 4 344 in			1							
PBTD: 3615 ft TD: 3615 ft OH ID: 4 3/4 in										
TD: 3815 ft CH ID: 4 34 in		Q @ 3568'								
TD: 3815 ft CH ID: 4 34 in										
TD: 3815 ft CH ID: 4 34 in										
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TD: 3815 ft CH ID: 4 34 in										
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TD: 3815 ft CH ID: 4 34 in										
OH ID: 4 3/4 in]								
		344 in								
PREPARED BY: Larry S. Adams Domingo Carrizales UPDATED: 25-Jul-12	Un 10: 4									
			PREPAR	ED BY:	Larry S. Ada	ims Domingo C	arrizales	UPDATED	:	25-Jul-12