# REJECTED PAPERWORK ZACH MCCORMICK FEDERAL #221H

**DUE TO INADEQUATE INFORMATION** 

Rusty Klein March 21, 2019 Form 3160-5 (June 2015)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

Do not use thi	SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.								
abandoned wel	l. Use form 3160-3 (AP	D) for such proposals.	6. If India	an, Allottee or Tribe Name					
SUBMIT IN 1	RIPLICATE - Other ins	tructions on page 2	7. If Unit	or CA/Agreement, Name and/or No.					
Type of Well     Oil Well	er	· · · · · · · · · · · · · · · · · · ·	8. Well N ZACH	ame and No. MCCORMICK FED 221H					
Name of Operator     MATADOR PRODUCTION CO	Contact: DMPANYE-Mail: tlink@mata	TAMMY R LINK adorresources.com	9. API W 30-01	ell No. 5-44241					
3a. Address 5400 LBJ FREEWAY, SUITE DALLAS, TX 75240	1500	3b. Phone No. (include area code) Ph: 575-627-2465	10. Field PURF	and Pool or Exploratory Area PLE SAGE; WOLFCAMP					
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description		11. Count	ty or Parish, State					
Sec 18 T24S R29E Mer NMP	NESE 712FNL 351FWL	•	EDDY	COUNTY, NM					
•									
12. CHÉCK THE AP	PROPRIATE BOX(ES)	TO INDICATE NATURE OF	F NOTICE, REPORT	, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF	ACTION	*					
□ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/F	Resume)   Water Shut-Off					
_	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	■ Well Integrity					
Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	Other					
☐ Final Abandonment Notice	☐ Change Plans	□ Plug and Abandon	☐ Temporarily Aban	don					
	☐ Convert to Injection	☐ Plug Back	■ Water Disposal						
13. Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for final BLM BOND NO. NMB001079	lly or recomplete horizontally, k will be performed or provide operations. If the operation re andonment Notices must be fil nal inspection.	give subsurface locations and measure the Bond No. on file with BLM/BIA sults in a multiple completion or reco	ed and true vertical depths Required subsequent rep mpletion in a new interval	of all pertinent markers and zones. orts must be filed within 30 days a Form 3160-4 must be filed once					
SURETY BOND NO. RLB0015	5172								
See Attached of the Following:									
C-104;	•	•	RECEIVED						
3160-4 Completion Report; C-102 As drilled Plat; Directional Survey; Logs			JUL 1 2 2018						
		DIST	TRICT II-ARTESIA O	.C.D.					
14. I hereby certify that the foregoing is	Electronic Submission #	424539 verified by the BLM Well							
Name (Printed/Typed) TAMMY R	LINK	Title PRODU	CTION ANALYST						
Signature (Elect		/20	140	:					

Approved By Conditions of approval, if any, are certify that the applicant holds lega which would entitle the applicant t

Title 18 U.S.C. Section 1001 and 7 States any false, fictitious or frau

Had asked Tammy

For casing reement

actuals Dwes not attacked

to approved Bern sundry
was holding paperwale

for that - never get ct
no completion Sundry-

**E OFFICE USE** 

and willfully to make to any department or agency of the United ion.

Date

(Instructions on page 2)

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

#### RECEIVED

i Original Completion

Form 3160 (April 200			DEPARTI	NITED STAT MENT OF TH	IE INTERIOR	JUL 1:2	2018	3		OMBNO.	PPROVED 1004-0137
	WELL	. COMPLE	ETION OR	RECOMPLI	IANACEMENT DISTRI ETION REPO	CT JI-ART DRT AND	ESIA	D.C.D.	5. Leas	e Serial No.	arch 31, 2007
la. Type o	of Well	Oil Well	✓ Gas Well	□Dry □0	Other					NM11712	e or Tribe Name
b. Туре o	f Completion	i: 🚺ì		Work Over		Plug Back [	Diff.	· ·	7. Unit	or CA Agre	ement Name and No.
2. Name	of Operator	MATADOR	PRODUCT	ION COMPAN	IY			· .		Name and	Well No. nick Fed Com221H
3. Addres	SS 5400 LB	J Freeway, S	Suite 1500, D	allas, TX 75240	3a F	hone No. (in		a code)	9. AFI		iller Fed Company
4. Location	on of Well (R	Report location	clearly and in	accordance with	Federal requirem		<del></del>	1	0. Field	and Pool, o	r Exploratory Wolfcamp
At surf	/12	' FNL & 351	_					1	1 Sec	TRM	on Block and
At top	prod. interval	l reported belo	w		•					ey or Area	Sec. 18: T24S, R29E
At tota		15	Date T.D. Re	ochad	16 Pusto	Completed			Eddy	•	NM RKB, RT, GL)*
01/12	/2018		02/22/2011	3		& A ( 🔽	03/27/2 Ready to	o Prod.	2,953	. ,	
18. Total I		15,634' 10,945'	19.	Plug Back T.D.:	MD <b>15,527'</b> TVD	20	O. Deptl	h Bridge Plug So	et: MI TV		n/a
21. Type E			cal Logs Run (	Submit copy of e		22		well cored?			omit analysis)
Logs	submitted to	o WIS						DST ruin? 🔽 tional Survey?	_No _		omit report) Submit copy)
	g and Liner Size/Grade		ort all string. Top (MD)		Stage Cement		Sks. &	Slurry Vol.	C	4 T#	Amount Pulled
Hole Size 17 1/2"	13 3/8"	54.50#	0 (MID)	Bottom (MD	1	Type of 6		(BBL)	Surfa	it Top* ————— ce	none
12 1/4"	9 5/8"	40.00#	0	2,755'	C104diff	1099 sx		320	Surfa		none
8 3/4"	7 5/8"	29.70#	0	2,365' 1	10149	861 sxs			955	<del> </del>	none
8 1/8"	5 1/2"	29.70#	2,365 10149	10,149' (	)	496 sxs		<del></del>	10000		none
6 1/8"	4 1/2"	13.50#	10,048'	15,620'							
24 Tubing Size	Record Depth Se	et (MD) Pack	er Depth (MD)	Size	Depth Set (MD	) Packer De	pth (MD)	Size	Depti	n Set (MD)	Packer Depth (MD)
none	ing Intervals				26 Do-foti					· · · · · · · · · · · · · · · · · · ·	
23. 110duci	Formation		Тор	Bottom	26. Perforati	on Record d Interval		Size No.	Holes	I	Perf. Status
A) Wolfe	amp B-Bla	ir	11,200'	15,480'	11,200'-15,48	30'	.38	30	)	30 Stag	es
C)											
D) 27. Acid. F	as atura. Turat		0								
	epth Interval	ment, Cement	Squeeze, etc.			Amount and	Type of N	Material			· · · · · · · · · · · · · · · · · · ·
11,200'-1	5,480'		7,333,475 #	100 Mesh, 4,24	1,375 #40/70 =11	,574,850# n	nixed sa	nd total. 651	total Ac	id, 259,949	clean fluid.
	0.	odyl,	5.14.	Jorg.							0
	ction - Interva	IA MAS	Sing 5	) · · ·							ed wh
Date First Produced	Date T	lours Test ested Produ	ction Oil BBL		Water Oil G BBL Coπ.	avity API	Gas Gravity	Production		144	an all
	05/12/2018 24 Tbg. Press. (	Csg. 24 Hr.	866 Oil		2,955 n/a Water Gas/O	i	n/a Well Statu	Gas Li	π	417)	1000
Sizo	Piwg. P	ress. Rate	BBL 866	MCF I	BBL Ratio		mon stall	<sup>ສ</sup> flowing	)	,	V
	ction - Interva		· · · · · · · · · · · · · · · · · · ·				<u>.</u>				11
Date First Produced		ours Test Produc	tion Oil BBL		Vater Oil Gr BBL Corr.	avity API	Gas Gravity	Production	Method		enied
Size		sg. 24 Hr. Rate	Oil BBL		Vater Gas/O BBL Ratio	I	Well Status	\$		"V	
*(See instr	ructions and s	spaces for add	itional data on		( A Th	~~~	^	O(1 + O)	Jar		
Nec	1 mo	re U	Nor	mar ex de	Sail	0 W	- 4	2lle	,		
	141		VIV	my in	-						

28b. Produ	uction - Inte	erval C		-		<del></del>				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	· · · · · · · · · · · · · · · · · · ·
Produced	Date	Tested	Production	BBL	MCF	BBL	Oil Gravity Corr. API	Gravity	110454051 110450	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	luction - Int	erval D			1	<del>-1</del>				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disp		Gas (Sold, 1	ised for fuel,	vented, et	c.)		•			
30. Sum	mary of Po	rous Zones	(Include Aq	vifers):				21 Fa-mat	ion (Log) Markers	
Shov tests,	w all impor	tant zones	of porosity a	and conten	its thereof: , time tool o	Cored interva pen, flowing	als and all drill-sten and shut-in pressure	n	ion (tog) markers	
Forn	nation	Тор	Bottom		Desci	riptions, Cont	ents, etc.		Name	Top Meas. Depth
B Salt	_	2.695' M	D 2,694'TV	0						7
T Delaws	are Sands	1	2,716'TVL							
T. Bone S	prings	6,507'MD	6,485'TVI	7						
T. Wolfcan	np	9,655'MD	6,632'TVI	ס					•	
•				٠						
		i								
					٠.				1	
32. Addit	ional remar	ks (include	plugging pro	ocedure):	<u></u>		·	_1		
		,	1 00 01	,						
					•					
33 Indian	ta mhich :	nog beres L	200 04411	ha mla afa a				-		
			gs (1 full set			the appropria		[7] ·	10	
			gs (1 mili set ng and cemei		_	ologic Repor ore Analysis	t DST Report Other:	Direction	ai Survey	
24 77 -			·							
54. I heret	by certify th	at the foreg	going and att	ached info	rmation is co	omplete and c	orrect as determined	l from all availal	ole records (see attached instructio	ns)*
Name (	please prin	t) Tamm	y R. Link	<u> </u>			Title Produ	ction Analyst		
Signat	ure	La	mp.	six	<u> </u>		Date	6/14	/2018	
Title 1911										

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised Feb. 26, 2007

Oil Conservation Division 1220 South St. Francis Dr. Submit to Appropriate District Office

1220 S. St. Fran	cis Dr., Sar				-	NM 87505					MENDED REPORT
<sup>1</sup> Operator n	I.		EST FC	R ALI	LOWABL	E AND AU	THO			ANSP	ORT
Matador Pro	oduction (	Company						<sup>2</sup> OGRID Nu		8937	
5400 LBJ Fr Dallas, TX 7		uite 1500						<sup>3</sup> Reason for	Filing Code/		ve Date
<sup>4</sup> API Numbe		<sup>5</sup> Poo	ol Name					New Product	on Pool C	Code	
30 - 015-4					Purple Sage	e; Wolfcamp				9	8220
<sup>7</sup> Property C		8 Pro	perty Nan		Zach McCori	mick Fed Com			<sup>9</sup> Well N		221H
	rface Lo	cation			Zacii McCoi	inick red Com					221H
Ul or lot no.	Section	Township	1	Lot Idn				Feet from the	East/West	line	County
1 11 12 0	18	248	29E	<u> </u>	712'	North Li	ne	351'	West		Eddy
UL or lot	Section	le Locati		Lot Idn	Feet from t	he North/South	line	Feet from the	East/West	line	County
<b>A</b> (	18	24S	29E		341'	North		229'	East		Eddy
12 Lse Code		ing Method	14 Gas Co		<sup>15</sup> C-129 P	ermit Number	16 C	2-129 Effective	Date '	<sup>17</sup> C-129	Expiration Date
. <b>S</b>	(	P	1	ite 2018							
III. Oil a		Transpo	rters								
<sup>18</sup> Transpor OGRID						oorter Name Address					<sup>20</sup> O/G/W
	En	ergy Trans		ny-Sunoc		Address					
35103		1 Westches		***							0
TO THE STATE OF		1145, 174 752	<b></b>			_					
	Lo	ngwood Ru	stler Rrea					RECEIVED			
371242					allas, TX 752	240					G
							'Jl	JL 1 2 2018			
							<del></del>				
	4-12	,				DI	STRIC	T II-ARTESIA (	).G.D.		
		<u>.</u>									
				میں							
			balo Be	Sime	>						
	th	SACE ON	ions	10-4 3						7	
IV. Well  21 Spud Date		/22		60-4 ws	<sup>23</sup> TD /	24		75	·	26	
1/12/2018		" Ready 4/29/20			15,634'/1094	<sup>24</sup> PBTE 15,527'		<sup>25</sup> Perforat 11,200'-15.		20	DHC, MC
<sup>27</sup> Ho	le Size		28 Casing	& Tubin			pth Se	t	30	Sacks	Cement
20 17	7'' '½"			20'' 3 3/8"		/:	20 13'		Cm.	f do.	surface
i	·-			3 3/0						614	1
1	2 1/4"			9 5/8"		6:	743')	3160-30 de Herres		1,09	99
83	3/4" <b>3/</b> 4"			7 5/8" ¬ <b>5/0</b> "		0 2,3	365'	77		86	1
61	18"			5 1/2"		10149-10	<del>(0/4/4</del> (0/6)			40.	
V. Well 7	Togt Dot			1/2"		10048-		20	.,	490	
31 Date New		Gas Delive	ery Date	<sup>33</sup> T	est Date	<sup>34</sup> Test l			g. Pressure	3	6 Cog Duoseuro
5/16/2018 5 -5 - 2018	الم	4/29/20		5/1	12/2018	24		10	n/a		<sup>6</sup> Csg. Pressure 3075
<sup>37</sup> Choke Siz	ze	<sup>38</sup> Oil	<u>-</u> _: I		Water	40 G	as				11 Test Method
34/64		866		2	2,955	7,3					Flowing
<sup>2</sup> I hereby certi	ify that the	rules of the	Oil Conse	rvation D	Division have			OIL CONSERV	ATION DIV	ISION	
peen complied complete to the	with and t -best of m	hat the into y knowledg	rmation giv e and belie	en above f.	is true and						
Signature:	)	2 h. j	/		. /	Approved by:				- 41	,
Printed name: T	ammy Li	ik		<del></del>		Title:			1.2	0	
itle: Productio	n Anolicat								5UL	, <del>-</del>	
						Approval Date:		""	eniê		
-mail Address	<del>: tlin</del> k@m	atadorresou	rces.com	ı				÷	· .		
ate: 6/14/2018	3/	Pho	one: 575-62	3-6601		-					
	1 , 1		1	•		L	- <del></del> -	<u> </u>			
Nel	a V	erife	cuti	UV		•					
		V									

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Form 3160-4 (April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 200

				BUREA	U OF LAN	ID M	ANAG	EMENT							OMBNO	D. 1004-0137 March 31, 2007	,
	W	ELL	COMPL	LETION (	OR RECO	MPLE	TION	REPO	RT AN	ID LOG		11	 5.	Leas	e Serial No		
la. Ty	pe of Well	Г	Oil Well	✓ Gas We	ell Dry									NM	NM11712	20	
b. Ty	e of Comp	letion:		New Well	Work C			n	lug Back				, <b>6</b> .	If Inc	lian, Allott	ee or Tribe Na	me
				ner		· • _		L	iug Dack	Пош	Resvr, .		7	Unit	or CA Aor	eement Name	and Mo
2 Na	me of Oper	ator N			CTION COM	<b>(</b> D.4.3)3						$\dashv$	•	0	or or rigi	coment 14mme	uiu NO.
							(						8.	Lease	Name and	Well No.	
3. Ad	dress 540	0 LBJ	Freeway,	Suite 1500,	Dallas, TX	75240		3a Ph	one No.	(include ar	ea code)	$\dashv$	9.		Veil No.	mick Fed Co	m221H
								5	75-623-	6601					15-44241		
1		on (Nej	port tocallo	n cieariy and	in accordance	with F	Federal	requireme	nts)*				10.			or Exploratory	,
At:	surface	712'	FNL & 35	51' FWL				•								Wolfcamp	ı
At	op prod. in	terval r	reported bel	low									11.	Sec., Surve	T., R., M., y or Area	on Block and Sec. 18: T24S,	R29E
	otal depth										$\overline{}$	$\sqrt{}$	12		ty or Parist		1
	e Spudded		1:	5. Date T.D.				16. Date C	omplete	d 03/27/	7010	+	17.	Eddy	tions (DE	RKB, RT, GL)	
<del></del>	/12/2018			02/22/2				D &		✓ Ready	to Prod	/	•••	2,953		KKD, K1, UL)	
10. 101			15,634'		19. Plug Back	T.D.:	MD 1	5,527'		20. Dept	h Bridge	Plug S	Set:	MD		n/a	一
21 7		IVD	10,945'			•	TVD							TVI	D		
				ical Logs Rui	n (Submit cop	y of eac	ch)			22. Was	well core	d? [	✓N	0	Yes (Sul	omit analysis)	
Log	s submitte	ed to 1	WIS								DST run?		$\overline{Q}$ N		Yes (Sub	mit report)	
23. Cas	ing and Li	ner Re	cord (Rej	port all striv	igs set in wel	<i>l)</i>				Dire	ctional Su	rvey?	<u> </u>	_No	√Yes(	Submit copy)	
Hole Siz			Wt. (#/ft.			1	-	Cementer opth		f Sks. & of Cement	Slurry	Vol.	T	Cement	Ton*	Amount Pu	illed
17 1/2"	13 3/		54.50#	0	513'			ptii	614 s		(BB	-)	+-	Surfac	•		
12 1/4" 8 3/4"	9 5/8		40.00#	0	2,755	•			1099			$^{+}$	+	Surfac		none	<del></del>
8 3/4"	7 5/8		29.70# 29.70#	0	2,365				861 sx	s		$\top$	+	955		none	<u>_</u> _
6 1/8"	5 1/2		20.00#	2,365	10,14											none	Ť
6 1/8"	4 1/2	,,	13.50#	10,048'	15,62				496 sx	s		_	1	0000			
24 Tubi	ng Record			- <del> </del>	1		····						1				
Size	Dept	h Set (	MD) Pack	er Depth (MI	O) Size		Depth	Set (MD)	Packer [	Depth (MD)	Si	ze		Denth	Set (MD)	Packer Dept	L (MD)
none 25. Produ	cing Interv	ale										-		о сра	der (MID)	1 acker Dept	יי (נאנגי)
	Formatic			Тор	Bottor			Perforation									<del>-</del> i
	fcamp B-	Blair		11,200'	15,480'	+		erforated In 0'-15,480'	ntervai		Size		Hole	s		Perf. Status	i
B) :							11,20	7-13,460				30			30 Stag	es	
C)' . ;												+		<del>-  </del>			*
27. Acid.	Fracture T	reatme	nt Cement	Squeeze, etc.													
	Depth Inter		ing Contont	oquazza, cac.				A		1 T C)		$\perp$					
11,200	15,480'			7,333,475	#100 Mesh,	1,241,3	75 #40	/70 =11.5°	74.850#	d Type of N	iaterial	6=1	4-4-	.1 4 -24	0.70.040		
- :			-6A	-/	40				1,0000	mixeu sai	iu totai.	001	tota	II ACIO	1, 259,949	clean fluid.	<del>-</del>
		W	4 20	2/ 100	<del>\(\nu\)</del>		-										
8. Produ	iction - Inte	rval A	403	A Lab				,									<del>-</del>
Date First Produced	Test Date	Hours		061	Gas	Wate	£	Oi! Gravit	v	Gas	Dono		34-4				
5/05/2018	05/12/2018	Tested 24		ction BBL	MCF 7,370	BBL		Corr. API	,	Gravity		uction		DOI			-
Choke	Ibg. Picss.	Csg	24 Hr.	Oil	Gas	2,95 Wate		n/a Gas/Oil		n/a Well Statu	!	as Li	11				1
34/64	Flwg. Si	Press. 3075	Rate	BBL	MCF	BBL		Ratio		wen Statt		wing	,				
	uction - Int			866	7,370	2,95		n/a		<u> </u>	110	AAUIC	3		· · · · · · · · · · · · · · · · · · ·		
Date First Produced	Test Date	Hours	Test	Oil	Gas	Water		Oil Gravit	1	Gas	Day 3		1/41	a.d			
	246	Teste		tion BBL	MCF	BBL		Corr. API	•	Gravity	Piod	uction	wield	υū		11.	l
Choke	Tbg. Press.	Csg.	~ 24 Hr.	Oil	Gas	Water		Gas/Oil		Wall Ctar		_				_^	
Size	Flwg. S!	Press.	Rate	BBL	MCF	BBL		Ratio		Well Status						16	1
*(See ins	tructions a	nd spac		itional data o	n page 2)							_			<u>e1</u>	led"	
					/							5					

	luction - Int	erval C										
Date First Produced		Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Proc	uction Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
28c. Prod	luction - In	terval D		<del> </del> -		<del></del> _						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Produ	ction Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		,		
29. Disp sold		Gas (Sold, u	sed for fuel,	vented, ei	(c.)				<del> </del>			*
Show tests.	v all impor	tant zones	(Include Aquof porosity a // // // // // // // // // // // // /	nd names	nts thereof: i, time tool o	Cored interva	als and all drill-stem and shut-in pressures	31. Formati	ion (Log)	Markers		
Form	nation	Тор	Bottom		Descr	riptions, Conto	ents, etc.		Na	ame	Тор	
B Salt	-	2,695' ME	2,694'TVL	,			-				Meas. Depti	a j
T. Delawa	re Sands		2,716'TVD	1								
T. Bone Sp	orings	6,507'MD		1								'
T. Wolfcam	ם מ	9,655'MD										ļ
	,	9,000 MD	6,632'TVD	<b>'</b>								DAY OF THE PERSON
:												An a state of the
												Management and the
												- Annah di
												i.
•												
												N. C.
	***************************************											1
32. Additio	onal remark	(s (include r	olugging pro	odure).	· · · · · · · · · · · · · · · · · · ·							!
		a (menue )	bragging broa	edure):								
								24,				and the same of th
												!
											•	t
												-
33. Indicate	which itm	es have bee	n attached b	v placing	a check in th	ne appropriate	. howe					
☐ Elect	trical/Mech	anical Log	s (1 full set r	enid)		ologic Report				١		1
Sund	Iry Notice i	for plugging	g and cement	verificati	_	e Analysis	DST Report Other:	✓ Directional	Survey			and and an
34. I hereby	certify that	t the forego	oing and attac	hed infor	mationisco	nnlete and	Second on determine			ls (see attached instructi		
. :		Ū	<b>3</b>	1100 111101		npiete and co	irect as determined i	rom ali availabi	e recore	ls (see attached instructi	ions)*	1
Name (pl	lease print)	Tammy	R. Link				Title Product	tion Analyst				
Signatur	re	Lau	y R. V	id	,		Date	6/14/	2018			-
Title 18 U.S States any fa	S.C Section Lise, fictition	1001 and ous or frau	Title 43 U.S dulent stater	C Section	on 1212, mak representati	e it a crime f	or any person knowi	ngly and willfu	illy to n	nake to any department	or agency of the U	 Inited
:					-		William Its Ju	arroutetiuii.			Form 3160-4, page	<del>-</del>
										(	. Jun Jioo-4, page	: 4)

Form 3160-5 (June 2015)

### **UNITED STATES**

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

SUNDRY NOTICES	AND REPORTS ON WELLS
Do not use this form for	proposals to drill or to re-enter an

5. Lease Serial No. NMNM117120

Do not use th	ic form for aronacala ta deill	ar to ra-antar an	1			
abandoned we	is form for proposals to drill II. Use form 3160-3 (APD) fo	r such proposals.		6. If Indian, Allottee of	ttee or Tribe Name	
SUBMIT IN	TRIPLICATE - Other instruct	ions on page 2		7. If Unit or CA/Agree	ement, Name and/or No.	
I. Type of Well				8. Well Name and No.	CK FED COM 221H	
☐ Oil Well ☑ Gas Well ☐ Otl					CK FED COW 221H	
<ol> <li>Name of Operator MATADOR PRODUCTION C</li> </ol>	Contact: TAM OMPANYE-Mail: tlink@matatador	MY R LINK resources.com		<ol> <li>API Well No.</li> <li>30-015-44241</li> </ol>		
3a. Address 5400 LBJ FREEWAY, SUITE DALLAS, TX 75240	1500 3b. Ph.	Phone No. (include area code) 575-627-2465	)	10. Field and Pool or I PURPLE SAGE	Exploratory Area ; WOLFCAMP	
4. Location of Well (Footage, Sec., 7	C., R., M., or Survey Description)			11. County or Parish,	State	
Sec 18 T24S R28E Mer NMP	NENE 712FNL 351FWL		- koo sala	EDDY COUNTY	′, NM	
12. CHECK THE AI	PPROPRIATE BOX(ES) TO I	NDICATE NATURE O	F NOTICE, 1	REPORT, OR OTH	IER DATA	
TYPE OF SUBMISSION		TYPE OF	F ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production	on (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclama	tion	☐ Well Integrity	
Subsequent Report	☐ Casing Repair .	☐ New Construction	☐ Recompl	ete	Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Tempora	rily Abandon		
	☐ Convert to Injection	☐ Plug Back	■ Water Di	sposal	February dis	
determined that the site is ready for f BLM BOND No. NMB0001079 Surety Bond No. RLB0015172 See attached 3160-4 Complet			-			
14. I hereby certify that the foregoing is	Electronic Submission #43430	00 verified by the BLM Wel	II Information the Carlsbac	System I	Topic Control	
Name (Printed/Typed) TAMMY R	LINK	Title PRODU	JCTION ANA	LYST	1	
					i	
Signature (Electronic S	Submission)	Date 09/07/2	018			
	THIS SPACE FOR F	EDERAL OR STATE	OFFICE US	E		
		·				
Approved By		Title	· · · · · · · · · · · · · · · · · · ·		Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to condu-	titable title to those rights in the subje	arrant or ct lease Office				
Fitle 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime statements or representations as to any	for any person knowingly and matter within its jurisdiction.	willfully to mak	te to any department or	agency of the United	

Form 3160-4 (August 2007) **UNITED STATES** 

APR 1 1 2019

amended

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

## DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOCALITY OF THE INTERIOR.

												N	MNM1171	20		
la. Type o	f Well	Oil Well	<b>⊠</b> Gas '	Well 🔲	Dry 🔲	Other		•				6. If	Indian, Allo	ottee or	Tribe Name	
b. Type o	f Completion	Othe	ew Well r	☐ Work O	ver 🔲 l	Эеереп .	☐ Plug	Back	☐ Di	iff. Re	svr.	7. U	nit or CA A	greeme	ent Name and N	<b>1</b> 0.
2. Name of MATAI	f Operator DOR PROD	UCTION (	COMPANE	-Mail: tlink(	Contact:	TAMMY R	LINK						ase Name a		II No. CK FED COM	——— Л 221Н
	5400 LBJ DALLAS,	FREEWA	Y, SUITE			3a. P		o. (include 7-2465	e area c	ode)		9. Al	PI Well No.		30-015-4424	 41
4. Location	n of Well (Re	port location	on clearly ar	d in accorda	ance with Fe							10. F	ield and Po	ol, or I	<del></del>	<del></del>
At surfa			FNL 351F			•	•	•				· P	URPLE SA	AGE; V	VOLFCAMP Block and Surv	vev
At top p	orod interval	reported be	low Lot	I FNL FWL		•						OI	Area Sec	18 T	24S R29E Me	r NMP
At total	deptii NE	NE 341FN	L 229FEL	•				١,					DDY	arisn	13. State NM	
14. Date S 01/12/2				ate T.D. Rea /22/2018	ched		□ D &	Complete A \⊠ 2/2018	ed Ready	to Pro	od.	17. E		DF, KE 53 GL	3, RT, GL)*	
18. Total D	Depth:	MD TVD	15634 10945		Plug Back	T.D.:	MD TVD	15	5527		20. Dep	th Bri	dge Plug Se		MD TVD	
21. Type E SUBMI	lectric & Oth	ner Mechan UGH WIS	ical Logs R IN PREVI	un (Submit o	copy of each	1)			V	Vas D	ell cored ST run?		🛛 No 🛭	Yes Yes	(Submit analy (Submit analy	sis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	set in well)				٠	[	Jirecti	onal Sur	vey?	□ No	¥ Yes	(Submit analy	sis)
Hole Size	Size/G	irade	Wt. (#/ft.)	Top (MD)	Bottom (MD)				of Sks.		Slurry (BB		Cement 7	Гор*	Amount Pu	ılled
	/33/8 13.		://:/, <b>54</b> :5	<del>- `                                   </del>	51			\ \delta	W Ve	614	0 (00					
8.750				45.00	236			1,607	$\mathcal{M}_{-}$	861						
<b>2 /4</b> 8.875	9.0	625 J-55	40.0		275	55		1) Y	7.	1099			۸,			
6.125		00 P-110	20.0		1101	1 000	$\sqrt{\chi_{\Lambda}}$	V	<u> </u>	496	11	1.0	Un	1000	NS/	5
8.750	<del></del>	25 P-110	29.7	236	<del></del>		W	W, )	1, 6	Ŵ	/_	M			N	<u> </u>
6.125 24. Tubing		00 P-110	13.5	10048	1562	20		140	<u> </u>							
Size	Depth Set (N	AD) Pa	cker Depth	(MD) S	ize De	pth Set (MI	D) P	acker De	pth (M	D) T	Size	De	pth Set (MI	D)	Packer Depth (	(MD) .
<del></del>	ng Intervals			<del></del>	2	6. Perforati	on Reco	ord								
	ormation		Тор		ottom	Per		Interval		<del>- </del> -	Size		lo. Holes		Perf. Status	
<u>A)</u>	WOLF	CAMP	·1	0945	15634	-	1	1200 TC	D 1548	0	1.00	00	6	WOL	FCAMP B BL	AIR
B) C)	•		_			<del>:</del>				+				<del> </del>		
D)										╁	<u>-</u> .	+		-		
	racture, Treat	tment, Cerr	ent Squeeze	, Etc.						Щ				<u> </u>		
	Depth Interv	al					Aı	mount and	d Type	of Ma	terial					
	1120	00 TO 154	80 TOTAL	SAND 11,57	4,850, TOTA	L FLUID 25	9,949, 1	OTAL 10	0 MES	H 7,33	3,475, 4	0/7 <b>0</b> M	ESH 4,241,	375 LB	S	
	· ·			•					<u>:</u>				,			
			<del>-  </del> -													
28. Product	ion - Interval	Α	<del></del>	<del></del>										<u>-</u>		
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr		Jo	Gas	1	Producti	on Method			-
Produced 05/09/2018	Date 05/12/2018	Tested 24	Production	866.0	мсғ 7370.0	BBL 2955.0	Corr.	<b>\PI</b>		Gravity				GAS L	IFT	
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio	il	'	Well Sta						
34/64 28a. Produc	tion - Interva	3075.0 al B		866	7370	2955		<del>-</del>		PC	SW					
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gr	avity	Ta	Gas		Producti	on Method		·	<del></del>
Produced	Date	Tested	Production	BBL	MCF	BBL	Соп.			Gravity						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio	il	ľ	Vell Sta	tus					
	I					<u>L</u> .										

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #460726 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*



28b. Produ	action - Inter	/al C							-	·		<del></del>
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	,	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravit	у			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status .			
28c. Produ	action - Inter	/al D		I	<u> </u>	i		_:				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method		<del></del>
Produced `	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravit	у			
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas' MCF	Water BBL	Gas:Oil Ratio	Well S	Status		•	
29. Dispos		Sold, used	for fuel, veni	ted, etc.)	<u>.i</u>	. <u> </u>	<u></u>			· ==== ·		
30. Summ	ary of Porou	Zones (I	clude Aquife	ers):	· · · · · · · · · · · · · · · · · · ·				31. For	mation (Log) Mar	kers	· · · · · ·
Show a tests, in	all important	zones of r	orosity and c	ontents then	eof: Corec e tool-ope	intervals and in, flowing and	l all drill-stem d shut-in pressure	es				
	Formation	_	Тор	Bottom		Descripti	ons, Contents, etc	С.		Name		Top Meas. Depth
SECOND	RE NE SPRINC BONE SPR NE SPRINC	ING	2867 7399 8187 9319	6617 7747 8558 9655				,	BA DE BO	P SALT SE SALT LAWARE SAND NE SPRING		370 2671 2709 6507
			•	i i	-		\$		l wo	OLFCAMP		9655
			•								•	
	,						•					
•												
				İ								
			٠									
32. Additi	onal remarks ded Report	(include p	olugging proc	edure):	<b></b>				1			
	•		d as Drilled	plat and dir	ectional	survey and l	ogs.					
				· k							•	
						•						. •
33. Circle	enclosed atta	chments:		<del> </del>			<del></del>	<del></del>				
l. Ele	ctrical/Mech	anical Log	s (i full set re	eq'd.)		2. Geologi	c Report	3.	DST Re	port	4. Direction	nal Survey
5. Sun	ndry Notice f	or pluggin	g and cement	verification		6. Core Ar	alysis	7	Other:			
34. I heret	y certify tha	the foreg								records (see attac	hed instruction	ons):
			Elect	ronic Subm For MATA	ission #4 DOR PR	60726 Verifie ODUCTION	d by the BLM V COMPANY, se	Vell Inform ent to the (	nation Sy Carlsbad	stem.		
Name	(please print)	TAMMY	'R LINK		<u> </u>		Title <u>F</u>	PRODUCT	ION AN	ALYST	·	
Signat	1)re	(Electro	nic Submica	ion)			D 0					
Signati	rite	/⊏iecri.0	nic Submiss	ionj		-	Date C	04/08/2019	!	<del> </del>		

Name	Hole Size	Casing Size	Wt/Grade	Thread Collar	<b>Setting Depth</b>	<b>Top Cement</b>
Surface	17-1/2"	13-3/8" (new)	54.5# J-55	ВТС	500 650	Surface
Intermediate	12-1/4"	9-5/8" (new)	40# J-55	BTC	2750	Surface
Intermediate 2 Top	8-3/4"	7-5/8" (new)	29.7# P-110	втс	2450	2450
Intermediate 2 Middle	8-3/4"	7-5/8" (new)	29.7# P-110	VAM HTF-NR	10000	2450
Intermediate 2 Bottom	8-3/4"	7" (new)	29# P-110	ВТС	10794	2450
Production Top	6-1/8"	5-1/2" (new)	20# P-110	BTC/TXP	9900	10300
Production Bottom	6-1/8"	4-1/2" (new)	13.5# P-110	BTC/TXP	15432	10300

This is from APA

law Green

1 38, 1

Name	Type	Sacks	Yield	Weight	Blend				
Surface	Tail	400	1.38	14.8	Class C + 5% NaCl + LCM				
TOC = 0'	TOC = 0'		100% Exces	SS .	Centralizers per Onshore Order 2.III.B.1f				
Intermediate	Lead	550	2.13	12.6	Class C + Bentonite + 1% CaCL2 + 8% NaCl + LCM				
	Tail	270	1.38	14.8	Class C + 5% NaCl + LCM				
TOC = 0'			100% Exces	is	2 on btm jt, 1 on 2nd jt, 1 every 4th jt to surface				
Intermediate 2	Lead	400	2.13	12.6	TXI + Fluid Loss + Dispersant + Retarder + LCM				
	Tail	310	1.38	14.8	TXI + Fluid Loss + Dispersant + Retarder + LCM				
TOC = 2450'			60% Exces	5	2 on btm jt, 1 on 2nd jt, 1 every 4th jt to top of tail cement (500' above TOC)				
Production	Tail	510	1.17	15.8	Class H + Fluid Loss + Dispersant + Retarder + LCM				
			<u> </u>	<u> </u>	2 on btm jt, 1 on 2nd jt, 1 every other jt to top of				
TOC = 10,300'			25% Excess	S	curve				

IDistrict I 1625 N. French Dr., Hobbs, NM 88240, ...

District II
1301 W. Grand Avenue, Artesia, NM 88210
District III

State of New Mexico Energy, Minerals & Natural Resources

Oil Conservation Division

RECEIVED

Form C-104 Revised Feb. 26, 2007

MAY 0 3 2019 Submit to Appropriate District Office

District IV	Rd., Aztec, NI	M 8/410		12		Francis Dr.		DISTRICT II-ARTESIA O.C.D.				
1220 S. St. Fran				D ATT	Santa Fe, N	M 87505 <b>AND AUT</b>	ዝብ፤				MENDED	REPOR'
<sup>1</sup> Operator n	ame and Add		LOI FO	ALL ALL	OWADLE	AND AUI	1101	<sup>2</sup> OGRID Nur		CALIBI	OK1	
	oduction Con								2	28937		
Dallas, TX 7	reeway, Suite '5240	1500	-					<sup>3</sup> Reason for I New Producti		e/ Effect	ive Date	
<sup>4</sup> API Numb		5 Poo	Name					New Frounch	6 Pool	Code	<u> </u>	
1 "						Wolfcamp					98220	
<sup>7</sup> Property C		8 Proj	perty Nan				-		9 Well	Numbe		
	797 rface Loca	tion			Zach McCormi	ick Fed Com					221H	
Ul or lot no.		wnship	Range	Lot Idn	Feet from the	North/Sou	th	Feet from the	East/We	est line	Cour	nty
D 1	18	24S	29E	1	712'	North Lin	ı <b>e</b>	351'	West	t	Eddy	•
	ttom Hole	Locatio	on		·							
UL or lot A	Section To	wnship 24S	Range 29E	Lot Idn	Feet from the 341'	North/South North I	- 1	Feet from the 229'	East/We Eas	1	Cour Edd	-
12 Lse Code	13 Producing	Method	<sup>14</sup> Gas C	onnection	<sup>15</sup> C-129 Per	mit Number	16 C	-129 Effective	Date	<sup>17</sup> C-12	9 Expiration	n Date
s									!		- :	
DL. Oil :	and Gas Tr	ranspor	ters							•		
18 Transpor			·		<sup>19</sup> Transpo						<sup>20</sup> O/G/V	V
OGRID		v Transf	er Compa	ny-Suno	and A	ddress					:	
35103	8111 V	Westches	ter Drive	-					·		O	
with the color of	Dallas	, TX 752	25	-		,					<u> </u>	Handly to the fire of the second
							<u> </u>	<u>-</u> . <u>-</u>				
371242			tler Brea			_					G	
and the second of	5400 1	BJ Free	way, Suit	ie 1500, D	allas, TX 7524	0 ;						10
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	Completion											,
<sup>21</sup> Spud Da	ite 2	2 Ready	Date		<sup>23</sup> TD	<sup>24</sup> PBTD	***	<sup>25</sup> Perforat			<sup>26</sup> DHC, MC	,
<sup>21</sup> Spud Da 1/12/2013	ate 2		Date 18- 5-/8		15,634' 5635/10945	15,527		11,200'-15		,	:	
<sup>21</sup> Spud Da 1/12/2013	ate 2 8 ole Size	2 Ready	Date 18- 5-/8	g & Tubin	15,634' 5635/10945	15,527'	oth Se	11,200'-15		<sup>30</sup> Sacks	S Cement	On Ital
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> He	ate 2	2 Ready	Date 18- 5-/8 <sup>28</sup> Casing		15,634' 5635/10945	15,527'	oth Ser	11,200'-15		30 Sacks	Cement	porfece
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> He	ate 28 pole Size 24"	2 Ready	Date 18- 5-/8 <sup>28</sup> Casing	g & Tubir	15,634' 5635/10945	15,527'	oth Se	11,200'-15		30 Sacks	S Cement	porfece
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> He	ate 28 pole Size 24"	2 Ready	Date 18 5-/8 Casing	g & Tubir	15,634' 5635/10945	15,527'  29 Dep // 51	oth Sei 20	1 <del>1,200°-15</del> 1/0 <b>5</b> 0 /3		30 Sacks	Cement	on fec
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> He	ate 8 2 2 8 8 2 4 " 7 ½" 12 1/4"	2 Ready	Date 18 5-/8 Casing	2 & Tubir 20 13 3/8" 9 5/8"	15,634' 5635/10945	29 Dep // 51	oth Sec 20 13'	11,200°-15 110°50 /1		30 Sacks	s Cement Emer Vo, 14 ~ Eu	on fec
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> He	ate 8  Sole Size 2 4 "  7 ½"	2 Ready	Date 18 5-/8 Casing	g & Tubin 20 13 3/8" 9 5/8"	15,634' 5635/10945	29 Dep // 51 2,7 0 - & 2,3	oth Sec 20 13'	11.200°-15 11050 /1		30 Sacks 06 6	s Cement Emer Vo, 14 ~ Eu	on fec
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> Ho	ate 8 2 2 4 " 7 1/2" 12 1/4" 3/4"	2 Ready	Date 18 5-/8 28 Casing	9 5/8" 7 5/8" 7 7"	15,634' 5635/10945	29 Dep // 51 2,7 0 - 8 2,3 //0/49	143° A 136° S 136° S 136° S 100° S	11.200°-15 11050 /1		30 Sacks 06 6	S Cement Lone 1 70, 14 ~ Eu 1999 - Cur 61 - Tax	onfice L
<sup>21</sup> Spud Da 1/12/2013 <sup>27</sup> Ho 1'	ate 8 2 2 4 " 7 1/2" 12 1/4" 3/4" 1/8"	2 Ready	Date 18 5-/8 28 Casing	2 & Tubir 20 13 3/8" 9 5/8" 7 5/8"	15,634' 5635/10945	2,7 29 Dep // 51 2,7 0- & 2,3 /0/-9- 10-6	oth Sec 2.0 (33' (43' 0) (43'	11.200°-15 11050 /1		30 Sacks 06 6	S Cement Lone 1 70, 14 ~ Eu 1999 - Cur 61 - Tax	onfice L
21 Spud Da 1/12/2013 27 Ho 17 8 S	ate 8 2 4 7 7 1/2"  12 1/4"  1/8"  Test Data	<sup>2</sup> Ready 4/29/20	Date 18 5-/8 28 Casing	9 5/8" 7 5/8" 7 5/8" 7 5/2" 2 1/2"	15,634' / 56 35 / 10 94/3	2,7 2° Dep // 51 2,7 0 - 8 2,3 /0/4/9 0 - 10,4 /005	13' 143' 0 136 6 65'- 110' 100' 148'- 0-1.	11.200°-15 11050 /1 10550 /1 10149	54/79 /	30 Sacks 66 1,	61 - Toc 96 - Ch	00 fectors 65 65 65 65 65 65 65
21 Spud Da 1/12/2013 27 He 11 8 8 6 V. Well  31 Date New	ate   2   2   8   8   8   9   9   9   9   9   9   9	2 Ready	Date 18 28 Casing	9 5/8" 7 5/8" 7 5/8" 7 5/8" 7 5/8" 7 5/8" 33 1	15,634' / 94/3 15 6 35 / 10 94/3 19 Size	2,3 /0/4/9 34 Test L	130 Se	11.200°-15 11050 /1 10550 /1 10149	g. Pressur	30 Sacks 66 1,	S Cement Vo. 114 ~ Cu. 1099 - Cu.	00 fectors 65 65 65 65 65 65 65
21 Spud Da 1/12/2013 27 Ho 11  8 3  V. Well  31 Date New -5/16/2018 -/- 28-/	ate 2 8 8 ole Size 2 4 " 7 ½" 12 1/4" 3/4" 1/8" Test Data Oil 32 Ga	2 Ready 4/29/20 4/29/20	Date 18 28 Casing	9 5/8" 7 5/8" 7 5/8" 7 5/8" 5 1/2" 5 5/	S,634' / 94/5 / 6 / 94/5 / 94/	2,3 /0/4/9 34 Test L	13' 13' 13' 13' 13' 13' 15' 10' 10' 10' 10' 10' 10' 10' 10' 10' 10	11.200°-15 11050 /1 10550 /1 10149	54/79 /	30 Sacks 66 1,	61 - 70.  36 Csg. Pres  3075	onfice C. S5 C. 09 BC 550
21 Spud Da 1/12/2013 27 He 11 8 8 6 V. Well  31 Date New	ate 2 8 8 ole Size 2 4 " 7 ½" 12 1/4" 3/4" 1/8" Test Data Oil 32 Ga	2 Ready 4/99/20	Date 18 28 Casing	9 5/8" 7 5/8" 7 5/8" 7 5/8" 7 5/8" 7 5/8" 9	15,634' / 945 15 6 35 / 10 945 18 Size  Test Date 12/2018  Water	15,527'  29 Dep  // 51  2,7  0 - & 2,3 /0/4/9  0 - 10,4 /005.  34 Test I 24	130 5 65° / /// /// /// /// /// /// /// /// ///	11.200°-15 11050 /1 10550 /1 10149	g. Pressur	30 Sacks 66 1,	S Cement  Lance Vo.  114 ~ Cu  1099 - Cu  61 - To  96 - Cb  36 Csg. Pres 3075	Sonfice C. Sy 36.550 ssure
21 Spud Da 1/12/2013 27 He 27 He 31 Date New -5/16/2015 -2 8 - / 37 Choke Si 34/64	ate   2   2   8   8   8   9   1   1   1   1   1   1   1   1   1	2 Ready 4/29/20 4/29/20 38 Oil 866	Date 18 28 28 Casing	9 5/8" 7 5/8" 7 5/8" 7 5/8" 5 1/2" 5 1/2" 5 // 2	Fest Date 12/2018 Water 2,955	2,3 /0/4/9 34 Test L	13' 148' 0 13' 148' 0 165' 160' 160' 160' 160' 160' 160' 160' 160'	11.200°-15 11050 /3 10755 10749 1016 150749	g. Pressur	30 Sacks 02 6	S Cement  2 Mer. 100  14 ~ Cu  199 - Cu  61 - 700  96 - Cb  36 Csg. Pres 3075  41 Test Mer Flowing	Sonfice C. Sy 36.550 ssure
21 Spud Da 1/12/2013 27 Ho 27 Ho 31 Date New -5/16/2013 -/ 28-/ 37 Choke Si 34/64	ate   2   2   8   8   8   8   9   9   9   9   9   9	2 Ready 4/29/20 as Delive 4/29/20 38 Oil 866	Date 18 28 Casing Try Date 18	9 5/8" 7 5/8" 7 5/8" 7 5/8" 7 5/8" 9	Fest Date 12/2018  Water 2,955	15,527'  29 Dep  // 51  2,7  0 - & 2,3 /0/4/9  0 - 10,4 /005.  34 Test I 24	13' 148' 0 13' 148' 0 165' 160' 160' 160' 160' 160' 160' 160' 160'	11.200°-15 11050 /1 10550 /1 10149	g. Pressur	30 Sacks 02 6	S Cement  2 Mer. 100  14 ~ Cu  199 - Cu  61 - 700  96 - Cb  36 Csg. Pres 3075  41 Test Mer Flowing	Sonfice C. Sy 36.550 ssure
21 Spud Da 1/12/2013 27 He 27 He 28 He 31 Date New -5/16/2013 27 Choke Si 34/64  42 I hereby cert been complied complete to the	ate  8  Sole Size  2 4 "  7 ½"  12 1/4"  1/8"  Test Data  Oil  32 Ga  Sife that the ru  with and that	as Delive 4/29/20 38 Oil 866 les of the the infor	Date 18 28 Casing Try Date 18 Coil Consmittion gi	9 5/8" 9 5/8" 7 5/8 7 5/8" 7 5/8" 7 5/8" 9 51/2" 51/2" 5/7 5/8" 5/7 5/8" 9 5/8"	Fest Date 12/2018  Water 2,955	15,527'  29 Dep  // 51  2,7  0 - & 2,3 /0/4/9  0 - 10,4 /005.  34 Test I 24	13' 148' 0 13' 148' 0 165' 160' 160' 160' 160' 160' 160' 160' 160'	11.200°-15 11050 /3 10755 10749 1016 150749	g. Pressur	30 Sacks 02 6	S Cement  2 Mer. 100  14 ~ Cu  199 - Cu  61 - 700  96 - Cb  36 Csg. Pres 3075  41 Test Mer Flowing	Sonfice C. Sy 36.550 ssure
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21 Spud Da 1/12/2013 27 He 27 He 28 He 31 Date New -5/16/2013 27 Choke Si 34/64  42 I hereby cert been complied complete to the	ate  8  Ole Size  24"  7½"  12 1/4"  1/8"  Test Data  Oil 32 Ga  iffy that the ru  with and that  best of my k  and R.	as Delive 4/29/20 38 Oil 866 les of the the infor	Date 18 28 Casing Try Date 18 Coil Consmittion gi	9 5/8" 9 5/8" 7 5/8 7 5/8" 7 5/8" 7 5/8" 9 51/2" 51/2" 5/7 5/8" 5/7 5/8" 9 5/8"	Fest Date 12/2018  Water 2,955  Division have is true and	15,527'  29 Dep  / a  51  2,3  / o / o /  10,4  / o / o /  34 Test I  24  40 G.  7,37	13' 148' 0 13' 148' 0 165' 160' 160' 160' 160' 160' 160' 160' 160'	11.2002-15 11050 /1 10149 20149 35 Th	g. Pressur n/a	30 Sacks OE 6 1, 8 4	S Cement  Med Vo.  114 ~ Cur  1099 - Cur  61 - Toc  96 - Uc  36 Csg. Pres 3075  41 Test Met Flowing	Sonfice C. Sy 36.550 ssure
21 Spud Da 1/12/2013 27 Ho  8 1  1 1  8 1  8 1  8 1  8 1  8 1  8	ate  ate  8  Ate  Ate  Bole Size  Ate  Ate  Ate  Ate  Ate  Ate  Ate  A	as Delive 4/29/20 38 Oil 866 les of the the infor	Date 18 28 Casing Try Date 18 Coil Consmittion gi	9 5/8" 9 5/8" 7 5/8 7 5/8" 7 5/8" 7 5/8" 9 51/2" 51/2" 5/7 5/8" 5/7 5/8" 9 5/8"	Test Date 12/2018 Water 2,955 Division have is true and	15,527'  29 Dep  / 2  51  2,7  0 - 8  2,3 /0/4/9  0 - 10,4 /005  34 Test L  24  40 G. 7,37  Approved by:  Title:	13' 148' 0 13' 148' 0 165' 160' 160' 160' 160' 160' 160' 160' 160'	11.2002-15 11050 /1 10149 20149 35 Th	g. Pressur n/a	30 Sacks OE 6 1, 8 4	S Cement  Med Vo.  114 ~ Cur  1099 - Cur  61 - Toc  96 - Uc  36 Csg. Pres 3075  41 Test Met Flowing	Sonfice C. Sy 36.550 ssure
21 Spud Da 1/12/2013 27 He 27 He 31 Date New 5/16/2018 42 I hereby cert been complied complete to the Signature:	ate  ate  8  Ate  Ate  Bole Size  Ate  Ate  Ate  Ate  Ate  Ate  Ate  A	as Delive 4/29/20 38 Oil 866 les of the the infor	Date 18 28 Casing Try Date 18 Coil Consmittion gi	9 5/8" 9 5/8" 7 5/8 7 5/8" 7 5/8" 7 5/8" 9 51/2" 51/2" 5/7 5/8" 5/7 5/8" 9 5/8"	Test Date 12/2018 Water 2,955 Division have is true and	15,527'  29 Dep  2,7  2,7  2,7  2,7  2,7  2,7  2,7  2,	13' 148' 0 13' 148' 0 165' 160' 160' 160' 160' 160' 160' 160' 160'	11.2002-15 11050 /1 10149 20149 35 Th	g. Pressur n/a	30 Sacks OE 6 1, 8 4	S Cement  Med Vo.  114 ~ Cur  1099 - Cur  61 - Toc  96 - Uc  36 Csg. Pres 3075  41 Test Met Flowing	Sonfice C. Sy 36.550 ssure
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