OIL CONS. DIV DIST. 3

Form 3160-4 (August 2007) UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP 18 2017

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

	WELL	COMPL	ETION O	R REC	COMP	LETIC	ON RI	EPOR	T AND	LOG				ease Serial I IMSF0790		
la. Type o	f Well	Oil Well	_		☐ Dry								6. If	Indian, Alle	ottee or	Tribe Name
b. Type o	f Completion	Othe	New Well er	☐ Worl	k Over	☐ De	eepen	☐ Pl	ug Back	D	iff. R	esvr.	7. U	nit or CA A	greeme	ent Name and No.
2. Name of	f Operator	YALTY C	OMPANY E	Ll⊠ail∵ro				A GRIC	3G					ase Name a		
3. Address		H STREE	ET	Lacini 19	99@	opari.	3a.	Phone 1	No. (inclu 34.7842	de area	code)			PI Well No.		9-24338-00-S1
4. Location	of Well (Re	port locati	ion clearly an	d in acco	ordance v	vith Fed	eral rec	quiremen	ts)*					Field and Po		
At surfa			L 1010FEL		40 N La	, 107.4	20850	W Lon					11. S	Sec., T., R.,	M., or	Block and Survey
At top p	orod interval	reported b	elow										12. (County or Pa	arish	32N R6W Mer NMP
At total			1										R	IO ARRIB	A	NM
14. Date Sp 08/01/2	pudded 2017			ate T.D. I /09/2017				DD	te Comple & A 5 12/2017	Ready	to Pr	od.	17. E		DF, KB 04 GL	s, RT, GL)*
18. Total D	Depth:	MD TVD	4946 2996		19. Plug	Back T	.D.:	MD TVD		946 996		20. Dep	th Bri	dge Plug Se	t: N	MD 2528 TVD 2509
21. Type E 6404 G		ner Mecha	nical Logs R	un (Subn	nit copy o	of each)				,	Was D	vell cored ST run? ional Sur		⋈ No	Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	ort all strings	set in we	ell)											
Hole Size	Size/C	irade	Wt. (#/ft.)	Top (MD		ottom MD)	_	Cement Depth		of Sks. of Cem		Slurry (BB		Cement 7	Гор*	Amount Pulled
12.250		625 K-55	36.0		0	508		` `	-	380			440			37
6.125		000 K-55 500 N-80	23.0 11.6	21	0 522	2982 4946			+-		590		926		0	52
6.500		500 J-55	11.6		677	5460	_				0		0		0	0
6.250	4.5	500 K-55	10.5	2	891	3121					120		98		0	15
24. Tubing	Record															
Size	Depth Set (N	MD) P	acker Depth	(MD)	Size	Dept	th Set (MD)	Packer D	epth (M	D)	Size	De	pth Set (MI	0)]	Packer Depth (MD)
2.875 25. Produci	ng Intervals	3823				26	Perfor	ation Re	cord							
	ormation	T	Тор		Bottom	_			d Interval		\top	Size		No. Holes		Perf. Status
A) FF	RUITLAND	COAL		3144	54	17			3277	TO 493	39	0.7	50	6156		
B)				_		+					+		+			
C) -				_		+					+		+			
-	racture, Trea	tment, Cer	ment Squeeze	e, Etc.												
	Depth Interv	al							Amount a	nd Type	of M	aterial				
						6										
28. Product	ion - Interval	I A														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL		Gravity r. API		Gas Gravity		Producti	on Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas Rat	:Oil io	,	Well Sta	atus				
28a Produc	si ction - Interva	al B														
Date First	Test	Hours	Test	Oil	Gas		Water	Oil	Gravity	[6	Gas		Producti	on Method		
Produced	Date	Tested	Production	BBL	MCF		BBL		r. API		Gravity					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas Rat	:Oil io		Well Sta	atus				

⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #388393 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **



32. Additional remarks (include plugging procedure): 32. Additional remarks (include plugging procedure): 33. Additional remarks (include plugging procedure): 34. Additional remarks (include plugging procedure): 35. Sundy Partial Curve SEC TO 3353'MD, LOST CIRCULATION; TOOH TO 2539'; CIRC BU	·											
Date Page			,									
Size Price											Production Method	
Doc Tree T		Flwg.							Wel	Il Status		
Dec Transf Production BBL Sect BBL Corr. AF General Content Corr. AF Contents Corr. AF Corr. AF Corr. AF Contents Corr. AF Contents Corr. AF Corr. AF Contents Corr. AF	28c. Produ	action - Interva	ıl D									
Pine											Production Method	
UNKNOWN 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers 31. Formation (Log) Markers 32. Additional remarks (include plugging procedure): Formation Top Bottom Descriptions, Contents, etc. Name FRUITLAND 32. Additional remarks (include plugging procedure): 9/8/2017: DRI. CURVE SEC TO 3553MD, LOST CIRCULATION, TOOH TO 2539; CIRC BU @ 64SPM. TOOH, LD CURVE SEC TO 3553MD, LOST CIRCULATION, TOOH TO 2539; CIRC BU @ 64SPM. TOOH, LD CURVE SEC TO 3553MD, LOST CIRCULATION, TOOH TO 2539; CIRC BU @ 64SPM. TOOH, LD CURVE SEC TO 3553MD, LOST CIRCULATION, TOOH TO 2539; CIRC BU @ 64SPM. TOOH, LD CURVE SEC TO 3553MD, LOST CIRCULATION, TOOH TO 2539; CIRC BU @ 64SPM. TOOH, LD CURVE SEC TO 3553MD, LOST CIRCULATION, TOOH TO 2539; CIRC BU @ 64SPM. 39/9/2017: DRI. WAS 3071; DRI. CTO REGAIN CIRC. PULL TWO STANDS. BACK REAM OUT 9 STNDS; REGAIN PARTIAL CIRC, PUMP SWEEP AROUND; TIH, DRILL TO TD 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set reg'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other. 34. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electroak Submission 388393 Verified by the BLM Well Information System. For SOUTHLAND BROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for precessing by JACK SAVA Ed. and PMI-2017 (1714-9892175E) Title SUPVIR REGULATORY REPORTING Title SUPVIR REGULATORY REPORTING		Flwg.							Wel	ll Status		
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval sested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. Dep ResultLAND 2234 2300 KIRTLAND 2352 2550 FRUITLAND 32. Additional remarks (include plugging procedure): 9/8/2017: DRI. CURVE SEC TO 3553MD, LOST CIRCULATION: TOOH TO 2539*; CIRC BU @ 64SPM. TOOH. LD CURVE BHA & PULATERAL ASSY, SHALLOW TST MTR Plantage BHA & PULATERAL ASSY, SHALLOW TST MTR Plantage BHA & PULATERAL ASSY, SHALLOW TST MTR 33. Circle enclosed attachments 1. Electrical/Mechanical Logs (I full set reg'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: 34. I bereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission at 383839 Verified by the BLM Well Information System. Committed to AFMSS for processing by JACK SAVAGE on 69/14/2017 (17/M/902175E) Title SUPVR REGULATORY REPORTING Title SUPVR REGULATORY REPORTING			old, used fo	or fuel, vent	ed, etc.)							
FRUITLAND 32. Additional remarks (include plugging procedure): 32. Additional remarks (include plugging procedure): 33. Additional remarks (include plugging procedure): 34. Additional remarks (include plugging procedure): 35. Additional remarks (include plugging procedure): 36. Additional remarks (include plugging procedure): 36. Additional remarks (include plugging procedure): 37. Additional remarks (include plugging procedure): 38. Circle curve yes a put a pu	Show a	all important z ncluding depth	ones of po	rosity and co	ontents there				res	31. For	mation (Log) Markers	
32. Additional remarks (include plugging procedure). 32. Additional remarks (include plugging procedure). 33. Additional remarks (include plugging procedure). 34. Additional remarks (include plugging procedure). 36. Ground of the control of t		Formation		Тор	Bottom		Description	ıs, Contents, et	tc.		Name	Top Meas. Depth
9/8/2017: DRL CURVE SEC TO 33533MD, LOST CIRCULATION; TOOH TO 2539°; CIRC BU @ 64SPM. TOOH. LD CURVE BHA & PU LATERAL ASSY, SHALLOW TST MTR 9/9/2017: TIH, W&R 3071', DRLG TO REGAIN CIRC. PULL TWO STANDS. BACK REAM OUT 9 STNDS; REGAIN PARTIAL CIRC, PUMP SWEEP AROUND; TIH, DRILL TO TD 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #388393 Verified by the BLM Well Information System. For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 09/14/2017 (17JWS0217SE) Name (please print) ROBBIE A GRIGG Title SUPVR REGULATORY REPORTING Signature (Electronic Submission) Date 09/13/2017	OJO ALAN	MO								FRI	UITLAND	
9/8/2017: DRL CURVE SEC TO 33533MD, LOST CIRCULATION; TOOH TO 2539°; CIRC BU @ 64SPM. TOOH. LD CURVE BHA & PU LATERAL ASSY, SHALLOW TST MTR 9/9/2017: TIH, W&R 3071', DRLG TO REGAIN CIRC. PULL TWO STANDS. BACK REAM OUT 9 STNDS; REGAIN PARTIAL CIRC, PUMP SWEEP AROUND; TIH, DRILL TO TD 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #388393 Verified by the BLM Well Information System. For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 09/14/2017 (17JWS0217SE) Name (please print) ROBBIE A GRIGG Title SUPVR REGULATORY REPORTING Signature (Electronic Submission) Date 09/13/2017							·					
9/8/2017: DRL CURVE SEC TO 33533MD, LOST CIRCULATION; TOOH TO 2539°; CIRC BU @ 64SPM. TOOH. LD CURVE BHA & PU LATERAL ASSY, SHALLOW TST MTR 9/9/2017: TIH, W&R 3071', DRLG TO REGAIN CIRC. PULL TWO STANDS. BACK REAM OUT 9 STNDS; REGAIN PARTIAL CIRC, PUMP SWEEP AROUND; TIH, DRILL TO TD 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #388393 Verified by the BLM Well Information System. For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 09/14/2017 (17JWS0217SE) Name (please print) ROBBIE A GRIGG Title SUPVR REGULATORY REPORTING Signature (Electronic Submission) Date 09/13/2017	,											
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1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #388393 Verified by the BLM Well Information System. For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 09/14/2017 (17JWS0217SE) Name(please print) ROBBIE A GRIGG Title SUPVR REGULATORY REPORTING Signature (Electronic Submission) Date 09/13/2017	9/9/20 REGA	017: TIH, W&I AIN PARTIAL	R 3071', D CIRC, PU	ORLG TO F IMP SWEE	REGAIN CII EP AROUN	RC. PULL D; TIH, DR	TWO STAN	NDS. BACK R	REAM OU	T 9 STND	S;	
Electronic Submission #388393 Verified by the BLM Well Information System. For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by JACK SAVAGE on 09/14/2017 (17JWS0217SE) Name (please print) ROBBIE A GRIGG Title SUPVR REGULATORY REPORTING Signature (Electronic Submission) Date 09/13/2017	1. Ele	ctrical/Mechar	nical Logs (•		•			-	port 4. Directio	nal Survey
			•	Electr For Committed	onic Submi	ssion #3883 ND ROY <i>A</i>	93 Verified LTY COM	by the BLM V PANY LLC, K SAVAGE (Well Infor sent to the on 09/14/2	mation Sys Farmingt 017 (17JW	stem. con (S0217SE)	ons):
	Signati	ure	(Electronic	Submissi	on)			Date	09/13/201	17		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	Title 18 U	.S.C. Section 1	001 and T	itle 43 Ú.S.	C. Section 12	212, make it	a crime for	any person kno	owingly an	d willfully	to make to any department or a	gency

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR OIL CONS. DIV DIST. 3 BUREAU OF LAND MANAGEMENT OIL

FORM APPROVED OMB No. 1004-0137

			BUREA	U OF L	AND	MANA	GEME	NT		-=0	9 50	11		Exp	ires: Jul	y 31, 2010	
	WELL	COMPL	ETION C	R RE	CON	//PLET	ION R	EPOF	RT	AND L	ÖG			ease Serial IMSF0790			
1a. Type o	f Well	Oil Well	Gas	Well	D D	ry 🗆	Other				*		6. If	Indian, All	ottee o	r Tribe Name	
b. Type o	f Completion	Othe	ew Well	☐ Wo	rk Ove	er 🗖	Deepen		Plug	Back	☐ Diff.	Resvr.	7. U	nit or CA A	greem 482	ent Name and	No.
2. Name of SOUTH	f Operator HLAND RO	YALTY C	OMPANY E	上 ⊠ ail: r		Contact:			IGG	6				ease Name AN JUAN			
3. Address	400 W 7T FORT W	TH STREE	T (76102					. Phone n: 817.		. (include .7842	e area cod	e)	9. A	PI Well No		39-24338-00-	·S1
		3 T32N R	6W Mer NN	1P				•		*			10. I	Field and Pos ASIN FRU	ool, or	Exploratory ND COAL	
At ton			1010FEL	36.966	740 N	Lat, 107	.420850) W Loi	n				11. 5	Sec., T., R., r Area Se	M., or c 23 T	Block and Su 32N R6W Me	rvey er NMP
At total	orod interval	reported b	ciów										12. C	County or P	arish	13. State	
14. Date Sp 08/01/2	pudded			ate T.D. /09/201		ned		16. D		Complete A	ed Ready to	Prod.		Elevations (B, RT, GL)*	
18. Total I	Depth:	MD TVD			19. I	Plug Back	T.D.:	MD TVI				20. De	pth Bri	dge Plug So		MD TVD	
21. Type E 6404 G	Electric & Oth		nical Logs R	un (Sub	mit co	py of eac	h)	1 7 7				well core		No No No	☐ Yes	s (Submit analys (Submit analys	ysis) ysis)
		1. (P.			110						Dir	ectional Su	irvey?	⊠ No	Yes	s (Submit anal	ysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings			D - #	Ct	C		N.	f Sks. &		. 17-1				
Hole Size	Size/G	rade	Wt. (#/ft.)	To (MI	•	Bottom (MD)	_	e Cemer Depth	nter		of Cemen		y Vol. BL)	Cement	Top*	Amount P	ulled
12.250		625 K-55	36.0		0		08		_			30	448		0		37
8.750		000 K-55	23.0	<u> </u>	0	29	_		-		5	90	926		0		52
6.500		500 J-55 500 K-55	11.6 10.5		2677 2891	54 31					1	20	98		0		15
0.230	4.3	300 K-33	10.5	-	2091	31	21		\neg		- 1	20	90		0		15
24. Tubing	Record																
Size	Depth Set (N	MD) Pa	acker Depth	(MD)	Siz	e De	epth Set ((MD)	Pa	acker Dep	oth (MD)	Size	De	pth Set (M	D)	Packer Depth	(MD)
25. Produci	ing Intervals						26. Perfo	ration R	Reco	rd							
F	ormation		Тор		Bot	tom		Perfora	ted l	Interval		Size	1	No. Holes		Perf. Status	
A) FF	RUITLAND	COAL															
B)													_				
C)		_		-		_			_				+		-		
D) 27. Acid, F	racture, Trea	tment, Cen	nent Squeeze	e, Etc.													
	Depth Interv								Ar	nount and	l Type of	Material					
															4		
			_									-					
28. Product	tion - Interval	l A															
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		ias MCF	Water BBL		orr. A		Gas Grav	ity	Producti	ion Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		ias MCF	Water BBL		as:Oi atio	1	Wel	Status					
28a. Produc	ction - Interva	al B													_		
Date First	Test	Hours	Test	Oil		ias	Water		il Gra		Gas		Producti	ion Method			
Produced	Date	Tested	Production	BBL	N	1CF	BBL	C	отг. А	API	Grav	ity					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		ias ACF	Water BBL		as:Oi atio	1	Wel	Status					

⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #387587 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

28b. Prod	luction - Interv	val C												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravit	у	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil . BBL	Gas MCF		Gas:Oil Ratio	Well S	Status					
28c. Prod	luction - Interv	/al D		•	*	•								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Dil Gravity Corr. API	Gas Gravit	у	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well S	ell Status					
29. Dispo UNK	osition of Gas(Sold, used j	for fuel, vent	ed, etc.)										
Show tests,	nary of Porous all important including deprecoveries.	zones of po	rosity and co	ontents there	eof: Cored e tool open	intervals and all , flowing and sh	drill-stem ut-in pressure	s	31. For	mation (Log) Ma	arkers			
	Formation		Тор	Bottom		Descriptions,	Contents, etc	;.		Name		Тор		
FRUITLA	ND			<u> </u>					FR	UITLAND		Meas. Depth		
32. Addit	ional remarks	(include pl	ugging proce	dure):										
I. Ek	e enclosed atta	nical Logs	•	• '		2. Geologic Re	•		DST Rep	port	4. Directio	nal Survey		
5. Su	ndry Notice fo	or plugging	and cement	verification		6. Core Analys	IS	7 (Other:					
		-	Electr For Committed	onic Subm	ission #387 AND ROY	nplete and correct 7587 Verified by ALTY COMPA essing by JACK	the BLM WANY LLC, so SAVAGE or	ell Inform ent to the F n 09/06/201	ation Sys Farmingt 7 (17JW	stem. on		ons):		
Name	(please print)	KUBBIE	M GRIGG				1111e <u>S</u>	OF VK KE	GULAT	JAT REPURII	ING			
	ture							9/06/2017						