Form 3160-4 (June 2015)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED OMB NO. 1004-0137

	DUNEAU OF EARYD WARRANGEWEN											Expires: January 31, 2018			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG											5. Lease Serial No. NMLC065710A				
1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Competion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing										ic Fracturing	6. If Indian, Allottee or Tribe Name				
b. Type of Competion New Well Work Over Deepen Plug Back Diff. Zones Hydraulic Fracturing Other: Re-Entry											7. Unit or CA Agreement Name and No.				
Shackell	of Operator ford Oil Com	pany									LUSK WE		eli No. VARE UNIT #12-	-52	
. Addres 203 W V	is Vall St, Ste 2	00 Midia	nd, TX	79701			3a. Phon (432)±68	e No. (Inc 2 <b>/9783)</b> [	lude area c		9. API We 30-025-20				
4. Location	on of Well (Re	port loca	ion clea	rly and i	n accordance wi	lı Federe	al requirements	UBI	<del>) 0 C</del>			nd Pool or I LAWARE,	Exploratory WEST		
At surface 1650 FSL & 990 FEL JAN 1 6 2019												11. Sec., T., R., M., on Block and			
									H 20	IJ	Survey	or Arca Si	EC 20 T19S R32E		
At top p	orod. interval i	reported b	elow					<b></b>		En	12. County	or Parish	13. State		
At total depth RE									CEIVED		LEA COUNTY NM				
4. Date Spudded   15. Date T.D. Reached   7/13/2016   7/13/2016							I6. Date Completed 03/20/2017 ☐ D & A				17. Elevations (DF, RKB, RT, GL)*				
8. Total	Depth: MD TVD			ı	9. Plug Back T.I	D.: MD TVD		2	0. Depth I	Bridge Plug	Set: MD TVD				
	Electric & Otl		nical Lo	ogs Run (	Submit copy of a	each)		2	2. Was we Was DS		₩ No [	☐ Yes (Sub: ☐ Yes (Sub: ☐ Yes (Sub:	•	<del></del>	
3. Casin	g and Liner R	ecord (Re	oort all	strings se	rt in well)								vopj,		
Hole Size	Size/Grad	le Wt.	(#ft.)	Top (M	D) Bottom	MD)	Stage Cementer Depth	No. o Typc o	f Sks. & f Cement	Slurry Vo (BBL)	I. Cen	nent Top*	Amount Pulled		
7 7/8"	5 1/2"	17#	C		5230'	2	609'	+	Class C		Circul				
7 7/8"	5 1/2"	17#		)' 	5230'			500 sxs	Class C		3400'			<del></del> -	
	+					-+		<del> </del>							
	Ţ							I							
4. Tubing Size	Record Dept Se	(MD)	Packer	Dept (MD	) Size		Depth Set (MD)	Packer De	epth (MD)	Sizc	Depti	h Set (MD)	Packer Depth (M	D)	
													1,550		
	Formation			Тор	Botton		5. Perforation R Perforated			Size	No. Holes		Perf. Status		
DELAWARE 4773					4800						4 OPEN				
3) :)			473		4758 4730	4758 4738-4758 4700 4707-4700					40 OPEN				
)			472	<i>/</i>	4/30	4,	4727-4730 6					OPEN			
7. Acid, I			nent Sq	uceze, Po	ost hydraulic frac										
727-480	Depth interval		1000	) gals Ni	FE Acid	Amount,	Type of Material a	nd Date of	Chemical D	sclosure uplo	ad on FracFoc	us.org			
			_		lbs of 20/40 sa	nd. 15,2	285 gals of cle	ar frac an	d 667 MS	CFN2					
			1	<del></del> -											
727-480	tion - Interval	Ι Δ		Ton	Gas	Wate			Gas	Produc	ion Method	<del></del>			
727-480 8. Produc		lours	Test	Oil				171	I di denon circles						
8. Produced	Test Date I	lours ested	Product	ion BBL	. MCF	BBL 8	1		Gravity	PUMP	ING UNIT				
8. Produc Date First Produced	Test Date   F   1   1   4/9/17   2	lours ested 24	Product	ion BBL - 38	MCF 21	8	36				ING UNIT				
727-480  3. Production of the Produced (3/17)  hoke	Test Date   1 1 4/9/17   2 Tbg. Press.   C	Hours Tested 24 Csg.	Product	ion BBL - 38 Oil BBL	MCF 21 Gas		36 er Gas/Oi		Well Stat	us		FOR I	RECORD		
727-480  8. Produce the First roduced /3/17 Choke ize	Test Date F 4/9/17 2 Tbg. Press. C Flwg. P	Fours Cested 24 Csg. Press.	24 Hr. Rate	ion BBL - 38 Oil BBL	MCF 21 Gas	8 Wate	36 r Gas/Oi			ÄCCE	PTED	FOR I	RECORD	<del></del>	
727-480  3. Produced late First roduced /3/17 hoke lize  3a. Produced late First late fi	Test Date   H   1   1   1   1   1   1   1   1   1	lours Tested 24 Csg. Press.	Product 24 Hr. Rate	ion BBL 38 Oil BBL Oil BBL Oil BBL	MCF 21 Gas MCF	8 Wate	Gas/Oi Ratio	l avity		ÄCCE		FOR F			
8. Produced Date First Produced W3/17 Choke Size Ba. Produced wate First roduced thoke ize	Test Date F 4/9/17 2 Tbg. Press. C Flwg. SJ ction - Interver Test Date H T Tbg. Press. C	Cested 24 Casg. Press.  al B Blours ested sign.	Product 24 Hr. Rate Test Product	ion BBL 38 Oil BBL Oil BBL Oil BBL	Gas MCF  Gas MCF  Gas MCF	Water Water	Gas/Oi Ratio  Oil Gra Corr. A	l ivity PI.	Well Stat	ACCE Product	PTED  ion Method  DEC	2 1 20 AND MARK	18 AGEMENT		

28b. Prod	uction - Inte	rval C						·				
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced		Tested	Production	BBL	MCF	BBL	Corr. API.	Gravity				
Choke	Tbg. Press.	Cen	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	Wen Status				
	SI				İ		:					
	uction - Inter		72.	Ta	12	1						
Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method			
				İ	1							
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status				
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio					
		<u> </u>		<u></u>	<u> </u>	<u> </u>						
29. Dispos	sition of Gas	(Solid, us	ed for fuel, ve	ented, etc.)	)							
20 8	and of Dans	2 7 an an ()	maluda é auté					21   Fa	n (Y na) Manhama			
	30. Summary of Porous Zonos (Include Aquifers):							31. Formation (Log) Markers				
					reof: Cored in Lopen, flowing		drill-stem tests,					
recover				,	, , , , ,	9	F					
								<del> </del>		Тор		
Form	ation	Тор	Bottom		Description	ons, Contents	, etc.		Name	Meas. Depth		
								<del> </del>		Mous. Deput		
	1											
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										-		
32. Additio	nal remarks	(include p	lugging proc	edure).								
										•		
								•				
	<del></del>											
33. Indicate	33. Indicate which items have been attached by placing a check in the appropriate boxes:											
☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey												
Sundr	ry Notice for p	lugging and	l cement verific	cation	Corc	Anatysis	Other:					
34. I hereby	certify that	the forego	ing and attac	hed inforn	nation is comr	olete and corr	ect as determined	from all availal	ble records (see attached instru	ictions)*		
		/	N SHACKEL				tle PRESIDENT			•		
		XIF	7	7			04/17/2017					
	nature	مستر مح		=								
					2, make it a cr to any matter v			nd willfully to m	ake to any department or agenc	y of the United States any		

(Continued on page 3) (Form 3160-4, page 2)