District I 1625 N. French District II	Dr., Hobb		Form C-104 Revised August 1, 2011										
811 S. First St., District III					Minerals & I I Conservation				one co	py to app	propriate District Office		
1000 Rio Brazos District IV 1220 S. St. Fran			37505		20 South St. Santa Fe, NI		•			AMENDED REPORT			
	I.	REQU	EST FC	OR ALI	<b>LOWABLE</b>	AND AUT	THO	RIZATION	<b>TO</b>	TRANS	SPORT		
<sup>1</sup> Operator n	ame and												
Shackelford					1.10	ABBS OCD				20595			
Midland, TY	W Wall St, Ste 200     HOBBS OCD     3 Reason for Filing Code       land, TX 79701     RC / 8/17/2015										ective Date		
<sup>4</sup> API Numb			l Name		SE	P 2 5 2015	5			ool Code			
30 - 025-3		Lusk	Delaware	e, West		-			41	540			
3/2	operty Code 3/2.72.6 <sup>8</sup> Property Name Southern California Federal #912 (frmly Dusk West Delaware Unit #912) <sup>9</sup> We										oer 912		
II. <sup>10</sup> Su	rface Lo	ocation						_					
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/Sou	th	Feet from the	East/	West line	County		
L	29	19S	32E		1980'	Line FSL		660'	FWI	-	Lea		
<sup>11</sup> Bo	ttom Ho	ole Locatio	on								· · ·		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	line	Feet from the	East/	West line	County		
<sup>12</sup> Lse Code F		cing Method Code P		onnection ate	<sup>15</sup> C-129 Pern	nit Number	16 (	C-129 Effective	Date	<sup>17</sup> C-3	<sup>17</sup> C-129 Expiration Date		
	and Ga	s Transpo	rters										
<sup>18</sup> Transpor		s manspo	11115		<sup>19</sup> Transpor	ter Name					<sup>20</sup> O/G/W		
OGRID					and Ad						0/0/11		
21778					Sunoco, Ii	nc R&M		· ··			0		
					P.O. Box 203	9 Tulsa, OK			. <u> </u>				
180055					DCP Mid	lstream					G		
2				10 Desta	Dr, Ste 400 W	', Midland, T	X 797	705					
										19-12 all all all all all all all all all al			
										الم. جنب : بر بر : بر			
										Ť~	×		
											9		

## IV. Well Completion Data

teady Date /17/2015			<sup>24</sup> PBTD 7163"		Perforations 045' – 7103'	<sup>26</sup> DHC, MC
<sup>28</sup> Casing	<sup>29</sup> Dep		<sup>29</sup> Dep	oth Set		<sup>30</sup> Sacks Cement
	85		85	50'		675
	400		400	04'		1325
	721		721	10"		1260
		-				

## V. Well Test Data

<sup>31</sup> Date New Oil 8/17/2015	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date 8/20/2015	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
0/1//2015		0,20,2010	24 M(3		
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas		<sup>41</sup> Test Method
	8	50	5		Pumping Unit
<sup>42</sup> I hereby certify th	at the rules of the Oil Cons	ervation Division have	OIL C	ONSERVATION DIVIS	SION
been complied with	and that the information give	ven above is true and			
complete to the best	of my knowledge and belie	f.			
Signature:	1D		Approved by:	land	
Printed name:			Title: Petroleum En	gineer	
Brady Shackelford	<u> </u>		1.440101	~ <i>~</i>	
Title:			Approval Date:	al al a	
CFO			07	123/15	
E-mail Address:				• / • · /	
bradyshackelford@s	bcglobal.net				
Date:	Phone:				
9/4/2015	(432) 682-978	4			
			P-I	FAN KZ	۷.,

E-PERK

## SEP 28 2015

	UNITED STATES FARTMENT OF THE INTERIOR EAU OF LAND MANAGEMENT			•	FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010	
Do not use this f	OTICES AND REPORTS ON V orm for proposals to drill or to Use Form 3160-3 (APD) for su	o re-enter an	ピビ	6. If Indian, Allottee	e or Tribe Name	
SUBMI	TIN TRIPLICATE – Other instructions of	on page 2.		7. If Unit of CA/Ag	reement, Name and/or No.	
1. Type of Well		HOBBS	3/3:5			
Oil Well Gas W	7ell Other				io. FORNIA FEDERAL # 912	
2. Name of Operator SHACKELFORD OIL COMPANY		SEP 25	2015	9. API Well No. 30-025-33461		
3a. Address		. (include area code	)	10. Field and Pool o		
203 W WALL ST, STE 200, MIDLAND, TX 7970	<sup>1</sup> (432) 682-97	<sup>84</sup> <b>RECEIV</b>	n:	LUSK DELAWAR	E, WEST	
4. Location of Well (Footage, Sec., T.1 SEC 29 T19S R32E         1980' FSL	R.,M., or Survey Description) & 660' FWL			11. Country or Paris LEA COUNTY, NM		
12. CHEC	K THE APPROPRIATE BOX(ES) TO INI	DICATE NATURE	OF NOTIC	CE, REPORT OR OT	HER DATA	
TYPE OF SUBMISSION		TYP	E OF ACT	ION		
	Acidize Deep	nen	Prod	uction (Start/Resume)	Water Shut-Off	
Notice of Intent		ture Treat	_	mation	Well Integrity	
		Construction	Ξ	mplete	Other CHANGE	OF NAME
Subsequent Report		and Abandon	=	oorarily Abandon		
Final Abandonment Notice	_ • _ •	Back	_	r Disposal		
		K WEST DELAW				
	LUSK WEST DELAWARE UN	IIT #912 30-0	25-33461		NMLC063586	
WELL AFTER RECOMPLETION	NAME SOUTHERN CALIFORNIA FEDE	RAL #912 30-0	API 25-33461		LEASE NMLC063586	
		_				
<ul> <li>14. I hereby certify that the foregoing is tr Name (<i>Printed/Typed</i>)</li> <li>BRADY SHACKELFORD</li> </ul>	ue and correct.	Title CFO				
Signature DO		Date 09/04/201	5			
	THIS SPACE FOR FEDE	ERAL OR STA	TE OFI	ICE USE		
Approved by						
		Title			Date	
that the applicant holds legal or equitable to entitle the applicant to conduct operations to		certify yould Office			·	<u></u>
	U.S.C. Section 1212, make it a crime for any p sentations as to any matter within its jurisdicti		l willfully t	o make to any departm	nent or agency of the United St	ates any false,
(Instructions on page 2)						

		" FOR	- RELORD	DNI	×"				
Form 3160-5 (August 2007)	UNITED STATE	s 🖉		5, 77	FU	RM APPROVED 1B No. 1004-0137			
DE	PARTMENT OF THE I REAU OF LAND MAN		30P	, Å	Expires: July 31, 2010 5. Lease Serial No. NMLC063586				
SUNDRY	NOTICES AND REPO	ORTS ON W	ELLS		6. If Indian, Allottee or	Tribe Name			
	form for proposals to Use Form 3160-3 (A								
	IT IN TRIPLICATE – Other	instructions on			7. If Unit of CA/Agreen	nent, Name and/or No.			
1. Type of Well Oil Well Gas	Well 🚺 Other		HOBBSO	CU .	8. Well Name and No.				
2. Name of Operator SHACKELFORD OIL COMPANY			SEP 25	<u>ເດີ້າມີ ເ</u>	9. API Well No. 30-025-33461	RNIA FEDERAL # 912			
3a. Address		3b Phone No	(include area code)		30-025-33461 10. Field and Pool or Ex	nloratory Area			
203 W WALL ST, STE 200, MIDLAND TX 797		(432) 682-978	. ,		LUSK DELAWARE, V				
4. Location of Well (Footage, Sec., T.           SEC 29 T19S R32E         1980' FSL & 660' FV		)			11. Country or Parish, S LEA COUNTY, NM	itate			
12. CHE	CK THE APPROPRIATE BO	X(ES) TO INDI	CATE NATURE O	DF NOTIO	CE, REPORT OR OTHE	R DATA			
TYPE OF SUBMISSION			ТҮРЕ	OF ACT	ION				
Notice of Intent	Acidize	Deepe		=	uction (Start/Resume)	Water Shut-Off			
-	Alter Casing		ire Treat Construction	=	amation omplete	Well Integrity			
Subsequent Report	Change Plans		and Abandon		porarily Abandon				
Final Abandonment Notice	Convert to Injection	Plug E	Back .	Wate	er Disposal				
following completion of the invol testing has been completed. Fina determined that the site is ready for 7/7/2015 - RIGGED UP WIRELINE TESTED TUBING IN HOLE - SET 7/14/2015 - ACIDIZED WELL W/ 2/ 7/15/2015 - SWAB ACID BACK, SV 7/23/2015 - POOH W/ PACKER AN 8/3/2015 - GIH W/ 2 7/8" TUBING. 8/5/2015 - FLOW BACK FRAC AN 8/12/2015 - POOH W/ 2 7/8" TUBING 8/14/2015 - GIH W/ 2 3/8" TUBING 8/14/2015 - GIH W/ 3/4" RODS AN 8/17/2015 - PUT ON PRODUCTIO	I Abandonment Notices must b or final inspection.) TRUCK, PERFORATE WE PACKER @ 7001' 000 GALLONS OF 7 1/2% I WAB TEST ND 2 3/8" TUBING NIPPLE UP FRAC HEAD - 4 GALLONS OF FRAC FLL D SWAB BACK WELL NG 5, SET SEAT NIPPLE @ 69 D 7/8" RODS - SPACED W	be filed only afte ELL @ 7045' - 4 NEFE ACID HELD 500 PS JID & 98,020 LI 97'. SET TUBII	r all requirements, 50', 7062' - 67', 70 I BS OF FRAC SA	including 072' - 76' ND	reclamation, have been c ', 7082' - 85', 7090' - 93	completed and the operator has			
<ul><li>14. I hereby certify that the foregoing is Name (<i>Printed/Typed</i>)</li><li>BRADY SHACKELFORD</li></ul>	true and correct.		Title CFO						
	)		Date 09/04/2015	5					
	THIS SPACE	FOR FEDE	RAL OR STA	TE OFI	FICE USE				
Approved by	······································								
Conditions of approval, if any, are attached that the applicant holds legal or equitable entitle the applicant to conduct operations	title to those rights in the subjects thereon.	ct lease which wo	uld Office			ate			
Title 18 U.S.C. Section 1001 and Title 4. fictitious or fraudulent statements or repr		• •	•••	willfully t	o make to any department	or agency of the United States any false,			
(Instructions on page 2)									

Form 3160- (August 200								" PU	r f	2EL	)e	PE	)M	י אָת	J				
				DEP	UNI ARTMEI	TED STAT	ΈS Ε ΓΝ	ITERIO	RC	$\bigcirc$	)[	7C	7			01	ORM A MB NO.	1004-	0137
				BURE	AU OF	LAND MAI	NA	GEME		e	' U	L	1			Exŗ	oires: Ju	ly 31, 2	2010
	W	ELL (	COMF	PLETIC	ON OR R	ECOMPLE	ETIC	ON REP	PORT	AND L	.OG				Lease So ILC063		lo.		
la. Type of			Dil Well		Gas Well	Dry Deepen		ther						6.	If Indiar	n, Allo	ttee or 7	Tribe N	ame
b. Type of	Completion		New We Other:		Vork Over	Deepen	P	lug Back	🗖 Difi	f. Resvr.,				7.	Unit or (	CA A	greemen	nt Name	e and No.
2. Name of SHACKEL	Operator FORD OIL		IPANY											8. SO	Lease N UTHE	ame a RN C	nd Well ALIFO	No. RNIA	FEDERAL #912
3. Address	203 W WALL	. ST, STI	E 200, M	IDLAND, T	X 79701				Phone 1 32) 682		ude a	rea code,	)		AFI We 025-33				
4. Location	of Well (R	eport lo	cation c	learly an	d in accord	ance with Feder	ral 1					<b>`</b>		10.	Field a	nd Po	ol or Ex		ory
At surfac	e 1980' Fs	SL & 6	60' FW	′L						HOB	PS (	JCD					ARE, V M., on E		nd
									S	EP 2	F	9. <b>6</b> /m					ea sec		
At top pro	od. interval i	reported	l below						Ų	51 <i>L</i> J	94	2015		12.	County	or Pa	arish	13	3. State
At total de	enth									RECE				LE	A COU	INTY		N	М
14. Date Sp			15	5. Date T	D. Reache	d			ate Com	pleted	VC	U)		17.	Elevati	ions (	DF, RK	B, RT,	GL)*
18. Total D	epth: MD	721	0'		19. Plu	ig Back T.D.:	MI	) 7163'	D & A			to Prod. Depth Bri	idge Plu	g Set:	MD				
21. Type E	TV	D 721	0'	oge Dup	(Submit con		ΤV	D 7163'				Was well	-			Vos	(Submi	tanalye	ie)
21. Type D	icellie & Ou		namear i	Jogs Run	(Buonni cor	y of each)						Was DST	'run?		No 🗖	Yes	(Submi	t report	
23. Casing	and Liner F	Record	(Report	all string	s set in wel	1)						Direction			NO	Yes	(Submi	t copy)	
Hole Size	Size/Gra	ade	Wt. (#/f	ì.) T	op (MD)	Bottom (MI	<b>)</b> )	Stage Ce Dep		No. Type	of Sk of C			y Vol. BL)	Ce	ment T	op*		Amount Pulled
17 1/2"	13 3/8"		54.5#	0		850'				675					SUR	FACE	Ξ		
11"	8 5/8"		32#	0		4004'				1325					SUR		Ξ		
7 7/8"	5 1/2"		15.5#	0		7210"	-			1260					2524				
								· · · · · · · · · · · · · · · · · · ·								•			
24. Tubing Size	Record	Set (MI				0:		Denth Ca		L.	D I		0			(1.0.)	(10)		
2 3/8"	6997'	set (mi	<u>) r</u>	acker Dep		Size		Depth Set		Packer	Depth		5	ze		pin Sei	t (MD)		Packer Depth (MD)
25. Produci									foration					1	· · ·				
A) LOWER	Formation R BRUSH		YON	7045'	`op	Bottom 7103'	_	Pert 7045' - 7	orated In	iterval			ize	No.	Holes		PEN	Perf.	Status
B)								1010 1	100							<u> </u>			
C)																			
D)																			
27. Acid, F	Depth Inter		Cement	Squeeze	, etc.					Amount a	and T	ype of M	laterial						
7045' - 710				2000 G	ALLONS	OF 7 1/2% O	FΝ	IEFE ACI	D		_								
7045' - 71	03'			117054	GALLON	S OF FRAC I	FLL	JID AND	98020 L	BS OF	FRA	AC SAN	D						
28. Product		-		·									,						
Date First Produced	Test Date	Hours Tested	Tes Pro	st oduction	Oil BBL	Gas MCF	Wa BB		Oil Gra Corr. A			as ravity		duction					
8/17/15	8/20/15	24		-	8	5	50	)				Ĵ	PL	IMPING	<b>S</b> UNIT				
Choke	Tbg. Press.	Csg.		Hr.	Oil	Gas	Wa	iter	Gas/Oil		W	ell Statu	s						
Size	Flwg. SI	Press.	Ra	te	BBL	MCF	BB	L	Ratio										
28a. Produc	ction - Interv	val B				I			I.,										
Date First Produced	Test Date	Hours Tested	Te	st oduction	Oil BBL	Gas MCF	Wa BB		Oil Gra Corr. A			ias iravity	Pro	duction	Method				
11000000		1 coleu										avity							
Choke	Tbg. Press.		24 Rat	Ĥr.	Oil BBL	Gas MCF	Wa BB	ter	Gas/Oil Patio		W	vell Statu	IS						<u> </u>
Size	Flwg. Sl	Press.	Kai		DDL	WICT		·L	Ratio										
	<u> </u>																		

\*(See instructions and spaces for additional data on page 2)

28b. Prod	uction - Inte	erval C							
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
			$\rightarrow$						
Choke	Tbg. Press.	Cen	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status	
Size		Press.	Rate	BBL	MCF	BBL	Ratio	wen Status	
DIZC	SI	11033.		PDL	inci	DDL	Rano		
	5.								
28c. Prod	uction - Inte	rval D			1	. I		L	
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
	ŀ								
Choke	The Deser	C	24.11	0:1			Gas/Oil	Well Status	
	Tbg. Press.		24 Hr.	Oil	Gas	Water		well Status	
Size	10. U	Press.	Rate	BBL	MCF	BBL	Ratio		
	SI								
		L		<u> </u>					
29. Dispo	sition of Ga	s (Solid, us	sed for fuel, ve	nted, etc.)					

31. Formation (Log) Markers

## Sold

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 tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YATES	2509	2749			
7 RIVERS	2749	2870			
CAPITAN	2870	4275			
DELAWARE	4276	7125			
BONE SPRINGS	7125				

32. Additional remarks (include plugging procedure):

<ul> <li>33. Indicate which items have been attached by placing a ch</li> <li>Electrical/Mechanical Logs (1 full set req'd.)</li> </ul>	Geologic Report	DST Report	Directional Survey	
Sundry Notice for plugging and cement verification	Core Analysis	Other:		
34. I hereby certify that the foregoing and attached informat Name (please print BRADY SHACKELFORD		determined from all availe e CFO	able records (see attached instructions)*	
Signature	Dat	e 09/04/2015		

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.

Fracture Date	8/5/2015
State:	New Mexico
County:	Lea
API Number:	30-025-33461
Operator Name:	Shackelford
Well Name and Number:	LWD Unit #912
Longitude:	-102.0101
Latitude:	32.0101
Long/Lat Projection:	NAD27
Production Type:	Oil
True Vertical Depth (TVD):	7,093
Total Water Volume* (gal):	117,054

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Hydraulic Fracturing	Fluid Co	mposition:				Т	otal Slurry Amout (Ga 121,212	I) ************************************		Total Slurry Mass (Lbs 1,073,041	)
Trade Name	ier	1 diposo	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Conc. in Additive (% by mass)***		Total for Well			Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Water		Carrier / Base Fluid		7732-18-5	100.00%	Water	117,054	1.000	114,557	954,259	88.93034%
Sand (Proppant)				14808-60-7		Sand (LBS)	98,020	2.630	4,474	98,020	9.13478%
Hydrochloric Acid	Reagent	Chemical	Hydrogen Chloride	7647-01-0	40.00%	HCL	0	1.180	0	0	0.00000%
			Water	7732-18-5	67.00%		0	1.000	0	0	0.00000%
IC-5	Econom	Iron Control	Acetic Acid	64-19-7	60.00%	IC-5	0	1.126	0	0	0.00000%
			Citric Acid	77-92-9	30.00%		0.	1.126	0	0 0	0.00000%
			Water	7732-18-5	60.00%		0	1.000	0	0	0.00000%
CI-200	Econom	Corrosion Inhibitor	Methanol	67-56-1	60.00%	CI-200	0	0.837	0	0	0.00000%
LGW-01	Econom	Gellant	Petroleum Distillates	64747-47-8	60.00%	LGW-01	458	1.050	458	4,006	0.22399%
			Polysaccharide Blend	NA	60.00%		458	1.050	458	4,006	0.22399%
CL-03	ASK Ch	Crosslinker	Potassium Hydroxide	1310-58-3	25.00%	CL-03	139	1.335	139	1,546	0.03601%
<u>-</u>			Ethylene Glycol	107-21-1	25.00%		139	1.335	139	1,546	0.03601%
			Proprietary Component	NA	25.00%		139	1.335	139	1,546	0.03601%
			Proprietary Component	NA	15.00%		.139	1.335	139	1,546	0.02161%
			Proprietary Component	NA	10.00%		139	1.335	139	1,546	0.01441%
BR-1	Econom	Breaker	Ammonium Persulfate	7727-54-0	98.00%	BR-1 (LBS)	110	1.980	7	110	0.01005%
K205	Colossa	KCL Substitute	Benzenemethanaminiur	56-93-9	13.00%	K205	130	1.02	15	130	0.00157%
			Methanol	67-56-1	10.00%		130	1.02	15	130	0.00121%
			Ammonium Acetate	631-61-8	40.00%		130	1.02	15	130	0.00485%
			Sulfuric Acid	7664-93-9	1.50%		130	1.02	15	130	0.00018%
FR-02	Econom	Friction Reducer	Trade Secret	Trade Secret	100.00%	FR02	120	1.020	120	1,020	0.09502%
NE-601	Evironm	Surfactant	Trade Secret	Trade Secret	100.00%	NE-601	192	1.020	192	1,631	0.15203%
BC-1058	Colossa	Biocide		4719-04-4		BC-1058	94	1.100	94	861	0.04816%
				67-56-1	5.00%		94	1.100	94	861	0.00401%
LEB-1	Econom	Liquid Enzyme Break	Trade Secret	Trade Secret	100.00%	LEB-1	2	1.072	2	18	0.00166%