

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-33461 30094
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
8. Well Number
9. OGRID Number 20595
10. Pool name or Wildcat Lusk Delaware, West

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	HOBBS OCD
2. Name of Operator SHACKELFORD OIL COMPANY	SEP 21 2015
3. Address of Operator 203 W WALL ST, STE 200 MIDLAND, TX 79701	
4. Well Location Unit Letter <u>M</u> : <u>990'</u> feet from the <u>FSL</u> line and <u>600'</u> feet from the <u>FWL</u> line Section <u>29</u> Township <u>19S</u> Range <u>32E</u> NMPM County <u>LEA</u>	RECEIVED
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☒		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Due to recompletion in the Lower Brushy Canyon Delaware Formation, the well is no longer in the Lusk West Delaware Unit. Therefore, the name has been changed from the Lusk West Delaware Unit #913 to the Southern California #913

Well Prior to Recompletion	Name	API	Lease
	Lusk West Delaware Unit #913	30-025-30094	NMLC063586

Well After Recompletion	Name	API	Lease
	Southern California #913	30-025-30094	NMLC063586

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Brady Shackelford TITLE CFO DATE 9/4/15

Type or print name Brady Shackelford E-mail address: bradyshackelford@stcenergy.com PHONE: (432) 682-9784
For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 09/22/14
Conditions of Approval (if any):

SEP 24 2015

Fracture Date:	7/29/2015
State:	New Mexico
County:	Lea
API Number:	30-025-33461
Operator Name:	Shackelford
Well Name and Number:	LWD Unit #913
Longitude:	-102.0101
Latitude:	32.0101
Long/Lat Projection:	NAD27
Production Type:	Oil
True Vertical Depth (TVD):	7,103
Total Water Volume* (gal):	93,450

<---Enter info Here

<---Enter Info Here

<---Enter Info Here

<---Enter Info Here

<---Enter Info Here

<---Enter Info Here

<---Enter Info Here

Enter Info Here

←---Enter Info Here

^---Enter Info Here
^---Enter Info Here

Enter Info Here

Formula DOI

0

Ω

Hydraulic Fracturing Fluid Composition:

Hydraulic Fracturing Fluid Composition:							Total Slurry Amount (Gal)	Total Slurry Mass (Lbs)			
							97,734	877,764			
Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Conc. in Additive (% by mass)**	Materials	Total for Well	Specific Gravity	Volume per Component (Gallons)	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**
Water		Carrier / Base Fluid		7732-18-5	100.00%	Water	93,450	1.000	92,477	770,329	87.76038%
Sand (Proppant)		Proppant	Silica	14808-60-7	100.00%	Sand (LBS)	95,900	2.630	4,377	95,900	10.92548%
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	0.00000%
			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	231	1.050	231	2,020	0.13811%
			Polysaccharide Blend	NA	60.00%		231	1.050	231	2,020	0.13811%
CL-03	ASK Chemical	Crosslinker	Potassium Hydroxide	1310-58-3	25.00%	CL-03	43	1.335	43	478	0.01362%
			Ethylene Glycol	107-21-1	25.00%		43	1.335	43	478	0.01362%
			Proprietary Component	NA	25.00%		43	1.335	43	478	0.01362%
			Proprietary Component	NA	15.00%		43	1.335	43	478	0.00817%
			Proprietary Component	NA	10.00%		43	1.335	43	478	0.00545%
BR-1	Econom	Breaker	Ammonium Persulfate	7727-54-0	98.00%	BR-1 (LBS)	55	1.980	3	55	0.00614%
K205	Colossal	KCL Substitute	Benzenemethanaminium	56-93-9	13.00%	K205	95	1.02	11	95	0.00141%
			Methanol	67-56-1	10.00%		95	1.02	11	95	0.00108%
			Ammonium Acetate	631-61-8	40.00%		95	1.02	11	95	0.00433%
			Sulfuric Acid	7664-93-9	1.50%		95	1.02	11	95	0.00016%
FR-02	Econom	Friction Reducer	Trade Secret	Trade Secret	100.00%	FR02	41	1.020	41	348	0.03969%
NE-601	Environment	Surfactant	Trade Secret	Trade Secret	100.00%	NE-601	67	1.020	67	569	0.06485%
BC-1058	Colossal	Biocide	Triazine/Triethanol	4719-04-4	60.00%	BC-1058	23	1.100	23	211	0.01441%
			Methanol	67-56-1	5.00%		23	1.100	23	211	0.00120%
LEB-1	Econom	Liquid Enzyme Breaker	Trade Secret	Trade Secret	100.00%	LEB-1	1	1.072	1	9	0.00102%
RC-03 Activator	ASK Chemical	CRS Activator	Methanol	67-56-1	50.00%	RC-03	219	0.910	219	1,660	0.09456%
			Polyethylene Glycol	9016-45-9	50.00%		219	0.910	219	1,660	0.09456%