

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

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division

Submit one copy to appropriate District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address SHACKELFORD OIL COMPANY 203 W WALL ST, STE 200 MIDLAND, TX 79701		<sup>2</sup> OGRID Number 20595
		<sup>3</sup> Reason for Filing Code/ Effective Date RC 5/1/2015
<sup>4</sup> API Number 30 - 025-24869	<sup>5</sup> Pool Name LUSK DELAWARE, WEST	<sup>6</sup> Pool Code 41540
<sup>7</sup> Property Code	<sup>8</sup> Property Name LUSK FEDERAL #A-12	<sup>9</sup> Well Number A-12

II. <sup>10</sup> Surface Location

Ul or lot no. G	Section 20	Township 19S	Range 32E	Lot Idn	Feet from the 1660'	North/South Line FNL	Feet from the 2300'	East/West line FEL	County LEA
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<sup>11</sup> Bottom Hole Location

UL or lot no. G	Section 20	Township 19S	Range 32E	Lot Idn	Feet from the 1660'	North/South line FNL	Feet from the 2300'	East/West line FEL	County LEA
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 5/15/2015	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
21778	Sunoco, Inc R&M P.O. Box 2039 Tulsa, OK	O
180055	DCP Midstream 10 Desta Dr Suite 400 W, Midland, TX 79705	G

IV. Well Completion Data

<sup>21</sup> Spud Date 1/20/1975	<sup>22</sup> Ready Date 5/1/2015	<sup>23</sup> TD 6683'	<sup>24</sup> PBDT 6350'	<sup>25</sup> Perforations 4920-30'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	819"	580 Circ		
11"	8 5/8"	4482'	1650 (TOC 1350')		
7 7/8"	5 1/2"	6683'	800 (TOC 2710')		

V. Well Test Data

<sup>31</sup> Date New Oil 5/10/2015	<sup>32</sup> Gas Delivery Date 5/15/2015	<sup>33</sup> Test Date 5/22/2015	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure -0-	<sup>36</sup> Csg. Pressure 25
<sup>37</sup> Choke Size OPEN	<sup>38</sup> Oil 12	<sup>39</sup> Water 5	<sup>40</sup> Gas 7 MCF		<sup>41</sup> Test Method Pumping

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:  
Don Shackelford

Title:  
President

E-mail Address:  
Bradyshackelford@sbcglobal.net

Date:  
6/1/2015

Phone:  
(432) 682-9784

OIL CONSERVATION DIVISION

Approved by:

Title:  
Petroleum Engineer

Approval Date:

E-Param K2

SEP 09 2015

Ke

AUG 17 2015

Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COPY

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

RECEIVED

**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.**5. Lease Serial No.  
NMLC065710A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
SHACKELFORD OIL COMPANY3a. Address  
203 W WALL ST, STE 200  
MIDLAND, TX 797013b. Phone No. (include area code)  
(432) 682-9784

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
MULTIPLE SEE ATTACHED9. API Well No.  
30-025-248694. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 20 T19S R32E 1660' FNL & 2300' FEL10. Field and Pool or Exploratory Area  
LUSK WEST DELAWARE11. Country or Parish, State  
LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>CHANGE OF NAME</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

DUE TO RECOMPLETION TO THE CHERRY CANYON FORMATION THIS WELL IS NO LONGER IN LUSK WEST DELAWARE UNIT. THEREFORE, THE NAME HAS BEEN CHANGED FROM THE LUSK WEST DELAWARE UNIT #7 TO THE LUSK FEDERAL #A-12

WELL PRIOR TO RECOMPLETION

NAME  
LWDU #7API  
30-025-24869LEASE  
NMLC065710A

WELL AFTER RECOMPLETION

NAME  
LUSK FEDERAL #A-12API  
30-025-24869LEASE  
NMLC065710A

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
DON SHACKELFORD

Title PRESIDENT

Signature

Date 06/01/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

AUG 17 2015

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COPY

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other: \_\_\_\_\_

2. Name of Operator  
SHACKELFORD OIL COMPANY3. Address 203 W WALL ST, STE 200  
MIDLAND, TX 797013a. Phone No. (include area code)  
(432) 682-9784

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1660' FNL &amp; 2300' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

15. Date T.D. Reached

16. Date Completed

☐ D & A☒ Ready to Prod.18. Total Depth: MD  
TVD19. Plug Back T.D.: MD  
TVD 6135'20. Depth Bridge Plug Set: MD  
TVD 6411'

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"		0'	819'		580 sks		Surface	
11"	8 5/8"		0'	4482'		1650 sks		1350'	
7 7/8"	5 1/2"		0'	6683'		800 sks		2710'	

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	4970'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHERRY CANYON	4676'		4920 - 30'		40	OPEN
B)						
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4920 - 30'	55,327 Gallons of Frac Fluid & 45,100 lbs of Frac Sand

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/10/15	5/22/15	24	→	12	7	5	39		PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
		25	→						

## 28a. Production - Interval B

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	
			→						

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

## 28b. Production - Interval C

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	
			→						

## 28c. Production - Interval D

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. Disposition of Gas (Solid, used for fuel, vented, etc.)

## 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.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	770'	1082'			
SALADO	1083'	2394'			
TANSIL	2395'	2582'			
YATES	2583'	2884'			
CAPITAN	2885'	4675'			
DELAWARE	4676'	6135'			

32. Additional remarks (include plugging procedure):

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  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Don ShackelfordTitle PresidentSignature Don ShackelfordDate 10/1/15

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.

(Continued on page 3)

(Form 3160-4, page 2)