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Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 20 2018

DISTRICT II-ARTESIA O.C.D.

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.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM01165

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: UNKNOWN OTH8. Well Name and No.
DERRINGER FEDERAL SWD 12. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com9. API Well No.
30-015-308283a. Address
PO BOX 5270
HOBBS, NM 882413b. Phone No. (include area code)
Ph: 575-393-590510. Field and Pool or Exploratory Area
WILDCAT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T20S R29E Mer NMP SESW 660FSL 1980FWL

11. County or Parish, State
EDDY COUNTY, NM*Copy sent to
P. Goetz
Santa Fe 7-31-2018
JH*

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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"/> Hydraulic Fracturing	<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
	<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.

Mewbourne Oil Company has authority to operate the Derringer Federal SWD #1 per approved Administrative Order (SWD-1425, dated 7/03/2013) for disposal of oil field produced water within the Devonian formations from approximately 12,600 feet to approximately 13,200 feet.

Mewbourne Oil Company has recently obtained approval the replace the existing 3 1/2" internally coated injection tubing with 4 1/2" internally coated injection tubing and while performing this operation, we intend to perforate the Devonian from and 12,620' - 12,645' and acidize the entire disposal interval with approximately 5,000 gallons of HCL. The Radial Cement Bond Variable Density Log performed on 3/20/14 indicates that there is good cement isolation between the Devonian and Woodford Shale.

Attached is a copy of a section of the Compensated Neutron GR / CCL Log performed on 3/20/14 and

*GC 7-20-18
Accepted for record - NMOC*

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

**Electronic Submission #427645 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (Printed/Typed) TIM R HARRINGTON

Title RESERVOIR ENGINEER

Signature (Electronic Submission)

Date 07/17/2018

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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #427645 that would not fit on the form

32. Additional remarks, continued

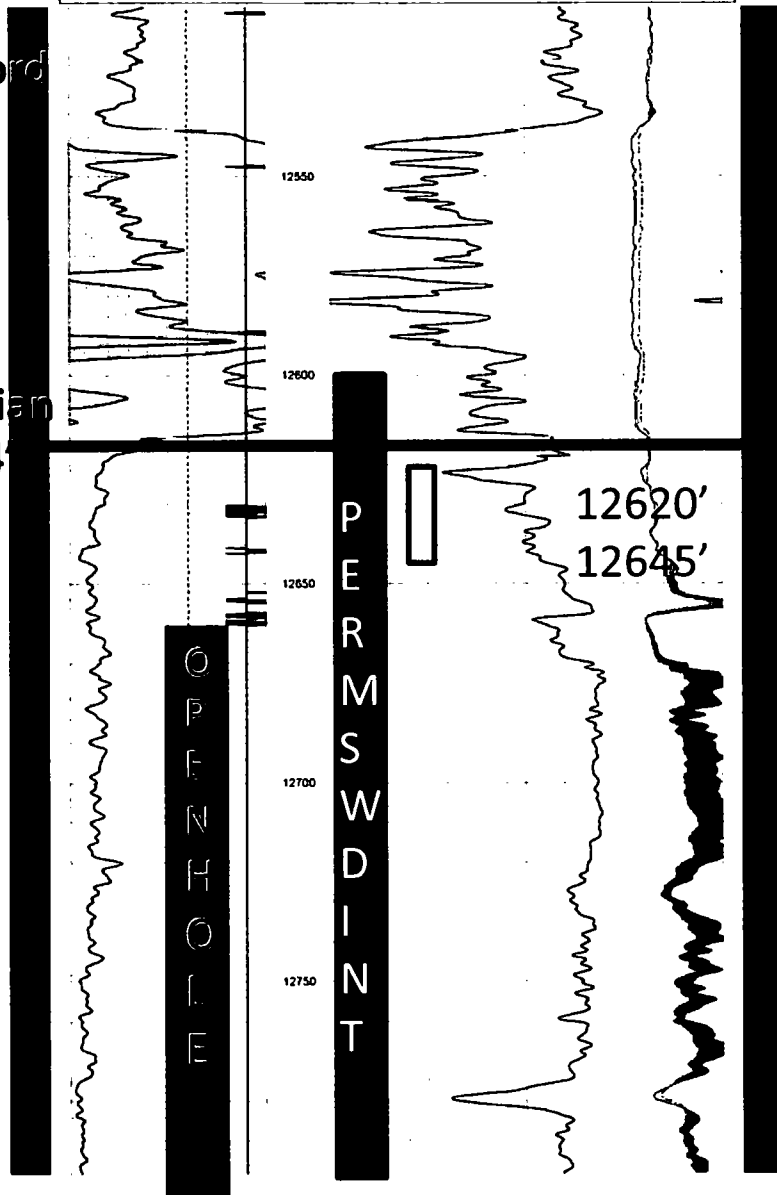
the proposed perforation interval is highlighted.

DERRINGER SWD

Top
Woodford
12,538'

Top
Devonian
12,614'

0	Gamma Ray (cps)	150	30	Compensated Neutron Porosity (pu)	-10
-9	Collars	1		CNLS	
0	Tension (lb)	5000	0	(cps) 1500	
			0	CNSSC	
			0	(cps) 7000	



SWD -1425:

INTERVAL 12,600 – 13,200 (TD)

NO TBG SIZE SPECIFIED

MAX PRESSURE 2520 PSIG

7", 26# CASING SET AT 12,660'

3.5", 9.3# TBG SET AT 12,620'

31. Formation (Log) Markers

Name	Top
	Meas. Depth
T. Salt	440'
B. Salt	639'
Yates	885'
Capitan	1082'
Delaware	3168'
Bone Spring	5664'
Wolfcamp	9149'
Strawn	10312'
Atoka	10639'
Morrow	11213'
Barnett	11689'
Devonian	12614'