

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.  
NMLC067145 ✓

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**

8. Well Name and No.  
PRONGHORN FED SWD 1 ✓

9. API Well No.  
30-015-20866 ✓

10. Field and Pool or Exploratory Area  
FENTON NE; DEVONIAN

11. County or Parish, State  
EDDY CO. COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other: UNKNOWN OTH

2. Name of Operator  
JUDAH OIL LLC  
Contact: ASHLIE QUINONES  
E-Mail: Ashlie@judahoil.com

3a. Address  
PO BOX 568  
ARTESIA, NM 88211-0568  
3b. Phone No. (include area code)  
Ph: 575-748-4730

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 12 T21S R28E 1980FSL 660FEL

**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 checked="" 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 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 checked="" 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 recomplete 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 recompletion 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.

see attachment

*Rentry de Deepen*

**Accepted for record**  
NMOCD RF  
3/15/18

NM OIL CONSERVATION  
ARTESIA DISTRICT

MAR 12 2018

RECEIVED

**ACCEPTED FOR RECORD**

**SUBJECT TO LIKE APPROVAL BY STATE**

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #404341 verified by the BLM Well Information System  
For JUDAH OIL LLC, sent to the Carlsbad  
Committed to AFMSS for processing by PAUL SWARTZ on 02/14/2018 ( )

Name (Printed/Typed) ASHLIE QUINONES Title OFFICE PRODUCTION MANAGER

Signature (Electronic Submission) Date 02/13/2018

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

Approved By *PR Swartz* 02/14/2018 Title *T PET* 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 BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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 \*\***

Pronghorn Fed SWD #1  
Re-Entry & Deepen

**Drilling**

- 11/6/2017 NU 10K BOP and tested BOP, manifold, choke, and kill lines, blind rams, to 300 psi low and 10000 psi high. Started drilling surface plug (spud)
- 11/7/2017 Drilled through plug @ 90', tagged plug #2 @ 2778', tested 8 5/8 csg to 750psi. Good test. Drilled cement plug from 2778' to 2950'. Daily feet= 60'-2950'
- 11/8/2017 Tagged 3<sup>rd</sup> cement plug @ 4677'. Drilled through plug @ 4723'. Small gas kick. Raised mud wt to 9.4#. 2950'-5800'.
- 11/9/2017 Tagged 4<sup>th</sup> cement plug @ 6328'-6480'. 15' gas flare, increased mud wt to 9.6#. 5800'-8138'.
- 11/10/2017 Tagged 5<sup>th</sup> cement plug @ 8138'-8145'. 15' gas flare. Increased mud wt to 10.1#. 8138'-8918'.
- 11/11/2017 Recondition mud as pipe is RIH. Raised mud wt to 10.3#, 34 vis and 10-12 wl. 8918'-9868'.
- 11/12/2017 Tagged plug #6 @ 10070'. Mud wt 10.3#. Drilled plug 6 from 10070'-10218'. 15' flare. Reconditioned mud while RIH w/ pipe. 9868'-11795'.
- 11/13/2017 Tagged plug #7 @ 11861'. Tested BOP Rams-Good. Drilled plug from 11861'-11955'. Raised mud wt to 10.4#. 15' flare. RIH with pipe to 12776'. TD of original hole. 11795'-12752'.
- 11/14/2017 Started drilling new formation. 7 7/8 bit. 12790'. Prepared hole for bit trip. Cut drilling line and replaced. TOOH for bit. MIRU Mudloggers. 12752'-12790'.
- 11/15/2017 PU RIH w/ 7 7/8 PDC bit w/ motor. Continued drilling. 12790'-13011'.
- 11/16/2017 Continued drilling. Mud Wt 10.6#. Drilling 60% chert 40% LS. No gas flare, no oil show. Prepare to TOOH w/ bit. 13011'-13335'
- 11/17/2017 TIH w/ 7 7/8 bit. Tagged and cleaned out to 13335'. Continued drilling. No Gas flare, no oil show. 13335'-13340'.
- 11/18/2017 Continued drilling. Mud wt 10.4#. No losses, no gains, no flare, TOOH for bit. 13340'-13557'.
- 11/19/2017 TIH w/ bit and new motor. Started drilling. Top of Devonian 13765' by mud logs. TD hole @ 13825'. Circ hole, laid down pipe. RU Par 5 cement co. Notified BLM @ 12:30pm MT of running production csg. 13577'-13825'.
- 11/20/2017 RIH w/ float shoe, 135.97' 5 1/2 20# HC P-110 BT&C chrome plated csg, float collar, 306 jts of 5 1/2 20# HC-P110 BT&C csg, #1 DV tool @ 8123' & #2 DV Tool @ 4096'. Csg set @ 13823'. Csg Point TD. 13825-TD13823'.
- 11/21/2017 MIRU Par 5 Cement Crew. Circ hold 1.5 times volume. Started cementing 1<sup>st</sup> stage cement @ 5:15am. Cement 1st stage w/Lead 12.6#, Yield 2.06, 650 sx, 35/65 Poz H, BWOW +5% PF-044 Salt+6% PF-020 Bentonite gel (BWOB) +0.2%PF-153 Set Agent+0.3%PF-013 Retarder+0.125lb/sk PF-029 cello flake+3 lb/skPF-042 Kolseal 0.4 lb/sk PF-045 Defoamer. Tail w/14.2#, 1.34 Yield, 300 sx 50/50 Poz H, (BWOW) +5% PF-044 Salt(BWOB) 2% PF-020 Bentonite gel+0.5%PF-606 Fluid loss+0.2%PF-065 Dispersant+0.4 lb/skPF-045 Defoamer+0.1%PF-013 Retarder. Bump plug @ 2410 psi, circulated 136 sx to pit off of DV Tool. Circulate off DV-Tool w/ rig pumps f/ 5 hrs

Cement 2nd Stg w/Lead 11.9#, Yield 2.47, 640sx, 50/50 Poz H, BWOW+5%PF-044 Salt+(BWOB) 10%PF-020 Bentonite gel+0.125 /b/skPF-029 Cellophane+0.2%PF153 Set Agent+3 lb/skPF-042 Cellophane+0.4 lb/skPF-045 Defoamer. Tail w/15.6#, Yield 1.18, 200 sx; Class H, 0.1%PF-013 Retarder (BWOB) Bump plug 3050 psi, circulated 227 sx to pit off DV-Tool. Circulate off DV-Tool w/ rig pumps. Cement 3rd stage w/ Lead11.9#, Yield 2.47, 270 sx, 50/50 Poz C, (BWOW) +5%PF-044 Salt (BWOB) +10%PF-020. Bentonite gel+ 0.125 /b/skPF-029 Cellophane+0.2%PF153 Set Agent+3 lb/skPF-042 Cellophane+0.4 lb/skPF-045. Tail w/ 14.8#, Yield 1.32, 200sx Class C. No additives. Bump plug w/ 2700 psi. Floats held Did not circulate cement to surface but circulated 10.bbl of dye to pit with gray cement water. Est cmt top is just below surface. Wash thru stack, choke & separator, RD cement crew equipment. RU Man welding winches, ND BOP, PU, set slips on 5.5, cut-off 5.5" casing. ND Rental BOP & set out.

- 11/22/2017 ND BOP Set slips on 5 ½ and cut off (Sent in 3160-5 form in 11/19/2017 requesting release of drilling rig and intent to deepen well through Devonian Formation using a pulling unit w/ 150 ton swivel. Requested finishing drilling operations w/ 5K BOP & choke manifold. Permission was given 11/22/17 by Charles Nimmer w/ BLM Carlsbad office). Conditions of approval were attached to the approved intent.
- 11/23/2017-11/27/2017 Prepared location for continued drilling operations w/ pulling unit.
- 11/27/2017 NU BOP w/ 2 7/8 pipe rams and 5K annular NU 5K choke manifold.
- 11/29/2017 Set and tested anchors. Set 2 7/8 American open hole drill pipe on rack. Tied in all kill lines and choke lines. Tied in flare line 13815'.
- 11/30/2017 Rig up Man Welding BOP tester w/ test plug. Test wellhead, blind rams, kill line valves, choke line valves, choke manifold (inside & outside on both sides) pipe rams and upper & lower kelly cock valves to 300 psi low and 5000 psi high. Chart pressure test. Test Hydril to 300 psi low and 3500 psi High. Also charted. BLM Carlsbad Terry Wilson notified of BOP tests at 1315 hrs, 11/30/2017 by Brad Tate. No Witness. Make up 4 5/8" PDC bit, Motor, TruShot, 18--3.5" Spiral DC's, XO, 1 joint 2 7/8" AOH DP. Secure well, Shut BOP Pipe Rams, Install Valve on DP. SION.
- 12/1/2017 TIH w/ 4 5/8 PDC Bit w/ motor, BHA, and 2 7/8 AOH drillpipe. Tagged 1<sup>st</sup> DV tool @ 4145'. Drilled out. Tested to 2500 psi. Good. GIH to 2<sup>nd</sup> DV tool @ 8116'. Secured well, SION. 0-8116'
- 12/2/2017 Test BOP Rams. Good. Drill out DV tool 8116-8128'. Circ hole. Tested to 2500 psi. Good. GIH to float collar @ 13676'. Drill FC 13676'-13779'. Secure well. SION. 8116'-13779'.
- 12/4/2017 Tested BOP Rams- Good. Drill out csg shoe 13779'-13825'. Started new formation. No flare, no oil shows. Started losing circulation @ 13930' 75bph. Drilled to 14193'. Circ well. Secured well. SION. 13779'-14193'. Losing 100bph.
- 12/5/2017 Tested BOP rams. Good. SIP-O. Drilled to 14,604'. Circ well. Secured well. SION. Top of Fusselman- 13940' mud log. Losing 75 bph/ 14193'-14604'.
- 12/6/2017 Tested BOP Rams. Good. SIP-O continued drilling. Drilled to 14828'. Top of Montoya 14710' mud log. TD well @ 14828'. Losing 110bph. Circ hole for 3 hours. Secured well. SION. 14604'-14828'
- 12/7/2017 Tested BOP Rams. Good. SIP-VAC. TOOH w/ 2 7/8 DP to collars. Secured well, SION. TD-14828'.

12/8/2017 Tested BOP Rams. Good. Laid down BHA. RU Weatherford wire line. Ran GR/CNL/Sonic and GR/CCL/CBL logs. CBL shows TOC @ 260'. Bonds were ran @ neutral pressure. Water FL @ 250' below surface. Secured well, SION.

12/9/2017 PU & RIH w/ 2 3/8x5 1/2 10K packer w/ XO's, 459 jts 2 7/8 pipe. Set packer @ 13750' w/ 8k compression. IFL @ 1250'. Made 34 swab runs, recovered 242 bbbls water w/ no oil or gas shows. FFL 1200' from surface. CL 34000ppm & pH 6.8. Secured well. SION.

Note: tubing capacity to packer- 72bbbls. Capacity of csg to btm of csg- 75 bbbls. Capacity of open hole to TD 14828'- 99.8 bbbls. Swabbed 142 bbbls over open hole capacity- no shows of hydrocarbons.

12/10/2017 SITP- 60 psi. RIH w/ swab. IFL 1180' from surface. Made 4 swab runs. FFL 1250' recovered 30 bbbls fluid. No hydrocarbons, no gas. POOH w/ swab POOH and laid down pipe and packer. Secured well. SI well. Wait on completion. Sent in intent to complete.

## Completion

- 12/11-12/2017 Wait on BLM Approval to complete. Intent request approved by Charles Nimmer w/ BLM 12/12/2017.
- 12/13/2017 SITP-O PU-RIH w 2 7/8x 5 1/2 NP outside, covel coated interval. Airset packet, SS T-2 0/0 tool, xo ss 2 7/8x 3 1/2 CS-Hydrill, PU 3 1/2 9.3#. P-110 IPC Tbg. RIH w/ 165 jts. Secured well. SION.
- 12/14/2017 SITP-O Tested BOP Rams. Good. Continued RIH w/ injection string. Ran total of 449 jts 3 1/2 9.3# P-110 IPC CS-Hydrill tbg. Packer @ 13775'. Loaded backside w/ 170 bbls 10# brine packer fluid. Set packer @ 13775'. Set 18K in compression. ND BOP, landed tbg, flanged wellhead. Finish loading backside w/ packerfluid. Teste csg to 500 psi for 10 min. Held. Notified NM OCD and BLM of MIT Test Friday @ 9:00am 12/15/2017. SDON.
- 12/15/2017 Meet w. Richard Inge NM OCD to witness MIT test. No BLM witness. Ran MIT to 500 psi. Held for 30 minutes w/ no leak off. RD PU. MIRU Elite well service to pump acid job and injection test. Pumped 12000 gal 28% HCl w/ 35 gal Ferriplex 52 and 120 gal 4 NI Blend w/ 141 bbls flush.

Final Completion Report. Waiting on Disposal facility.