

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
ArtesiaFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON OLD**  
**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.  
NMLC029339A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
JACKSON A 219. API Well No.  
30-015-32034-00-S110. Field and Pool or Exploratory Area  
CEDAR LAKEGlorieta - Yeso RWP  
9683111. County or Parish, State  
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
BURNETT OIL COMPANY INCContact: LESLIE GARVIS  
E-Mail: lgarvis@burnettoil.com3a. Address  
801 CHERRY STREET UNIT 9  
FORT WORTH, TX 76102-68813b. Phone No. (include area code)  
Ph: 817.583.87304. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 13 T17S R30E SENE 2060FNL 330FEL**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 checked="" 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 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.

Burnett is requesting to deepen this well using the attached procedure. The Proposed WBD is also attached.

We have a rig scheduled to deepen this well the first week in August.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

AUG 10 2018

RECEIVED

GC 8-13-18  
Accepted for record - NMOCD

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

**Electronic Submission #427052 verified by the BLM Well Information System**  
**For BURNETT OIL COMPANY INC, sent to the Carlsbad**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 07/12/2018 (18PP2208SE)**

Name (Printed/Typed) LESLIE GARVIS

Title REGULATORY MANAGER

Signature (Electronic Submission)

Date 07/11/2018

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

Approved By

/s/ Jonathon Shepard

Title

Petroleum Engineer  
Carlsbad Field OfficeAUG 07 2018  
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.

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***10/29/18  
CT

8-16-18 RWP

**Burnett Oil Co., Inc.  
Jackson A #21  
Cedar Lake Yeso  
Eddy Co., NM**

**OBJECTIVE: Deepen 5-1/2" Paddock Well thru Tubb via 4" UFJ Csg**

BTY: JA

LEASE: LC 029339A

API#: 30-015-32034

LEGAL: SL: UNIT H, 2060' FNL, 330' FEL SEC 13, T17S, R30E

Elevation: 3754'GL

May 30, 2018

TD: 5,109'

PBTD @ +/- 5,030'

Casing: 8-5/8" 24#/ft, J-55 Set @ 522'

5-1/2" 15.5 #/ft, J-55 Set @ 5,109'

DV Tool @ 2,591'

TOC @ 1,750'

**Existing Open Perfs: 4,678-4,930' Paddock**

**DRILLING PROCEDURE**

1. MIRU pulling unit. POOH laying down rods and pump. Release TAC and NU BOP. TOH and LD tbg. The BOP equipment will be a 3000 psi double ram type manually operated preventer. This equipment will nipple up to a 7 1/16" 3K flange. The pipe rams are located above the blind rams. There is no choke or kill manifold. The BOP will be tested to 1,000 psi prior to drilling the new formation. Access to the annulus will be through the valves on the 5 1/2" casing head.
2. PU 2-7/8" L80 workstring and RIH w/ bit and scraper to PBTD. POOH and LD bit and scraper.
3. PU cement retainer and TIH.
4. Pump through retainer and set @ +/- 4478'. Pump 300 sxs of Class C w/ 2% CaCl<sub>2</sub> + 3 ppg LCM. Yield 1.37. 100' minimum tie back to the production casing. Wash up lines and then hesitate down tubing. If no squeeze obtained, over displace 8-10 bbls and repeat.
5. Once squeeze is obtained sting out and reverse out tubing. POOH w/ setting tool.
6. Wait on cement at least 12 hours. Test BOP to 1000 psi (as per BLM COA) and send in chart from test.
7. TIH w/ bit. Tag cement retainer. Drill out and push to PBTD at 5,030'. Test squeeze to 200 psi for 30 minutes.
8. TOOH w/ bit and workstring.
9. PU 4 3/4" workover bit and 6-3 1/2" DC's. Drill out shoe and 25' of new hole to 5,135' circulating w/ 2% KCl.
10. POOH w/ workover bit. PU 4 3/4" bit, 14 - 3 1/2" DC's and motor. If driller has not run a motor, you can utilize a motor man for this well to help him learn. Do not have motor man on location until you plan to RIH w/ motor.
11. Drill using varying weights and RPM's to optimize drill rate. Drill to at least 6,900'. Make hole fit pipe.

12. Log well according to geology and utilize caliper log for cement volume determinations. The electric logging program will consist of a cased hole "triple Combo" consisting of Spectral Gamma Dual Spaced Neutron and Spectral Density. (Chi Model) from TD to 5-1/2" production casing shoe.
13. TIH and circulate clean. POOH laying down drill string.
14. Run 4" 11.3# ULTFJ L-80. Burst 3.07, Collapse 3.16, Tension 3.37 casing w/ float shoe and float collar. Centralizer depths to be provided after logging. Run DV tool and set no deeper than 4,650' KB.
15. Cement casing w/ 200% excess volume + 20 sxs. Batch mix cement to ensure good cement throughout job. Make sure field blends are tested prior to pumping.
16. Drop DV plug and open stage tool. Circulate cement from top of DV tool out of hole.
17. Pickup 3.29" bit and 2 3/8" workstring w/ turned down collars. Drill out DV tool and chase to PBTD.
18. POOH w/ bit and LD bit. PU 3.29" string mill and RIH and clean up DV tool. Work through DV tool several times. POOH laying down tbg and string mill.
19. MIRU Halliburton and run 3.25" gauge ring to PBTD. Run Radial Cement bond log from TD to 200' above TOC. RDMO Halliburton.
20. MIRU Scientific Drilling and run deviation survey from TD to +/-4900'. RDMO Scientific Drilling. Report survey results for the following depths: 4950', 5350', 5750, 6150', and TD.

#### **COMPLETION PROCEDURE**

- 1) MIRU WL, Perforate Tubb as specified by Geo, Contact Tyler Deans at 575-677-2313 or tdeans@burnettoil.com for specific depths and hole count.
- 2) Pump 2,000 gal 15% HCL acid @ 3-6 BPM while dropping 1 Bioball per perf. Over displace into formation +/- 50 Bbls FW.
- 3) MIRU Elite & Frac Equipment. Monitor 5-1/2" X 4" Annulus during job.
- 4) Frac down casing per design.
- 5) Overflush +/- 100 bbls past top perf.
- 6) RDMO Elite & Frac equipment. Upon completion of the Tubb, wait at least 12 hours before getting back on the well to let resin coated sand set up.
- 7) RU Bailer. Bail down to PBTD.
- 8) RIH & Cut or Back Off 4" UFJ casing at +/- 4,960' (@DV TOOL or just above). POOH W/ 4" liner while leaving 4" liner from 4,650' to TD 6,200'.
- 9) Pick up & RIH w/ Artificial Lift Design.
- 10) RDMO PU & Kill Truck, Return Well to Production.

**WELL COMPLETION SKETCH**

Date: 5/30/18

WELL	Jackson A 21	FIELD	Cedar Lake Yeso	CO/ST	Eddy Co., NM
Location:	UNIT H, 2060' FNL, 330' FEL SEC 13, T17S, R30E				
	<input type="checkbox"/> PRESENT COMPLETION	<input checked="" type="checkbox"/> RECOMMENDED COMPLETION	API # 30-015-32034		

**PERMANENT WELL BORE DATA****DATA ON THIS COMPLETION**

Spud: 10/23/01

12-1/4" hole

Elevation: KB  
3,754' GL8-5/8" 24# J-55 @ 522'  
Cmnt w/ 475 sx, TO w/ 9 yds cmnt

7-7/8" hole

TOC @ 1,750', CBL 1/4/02

DV @ 2,591'  
Cmnt w/ 200 sx**Proposed IOL @ 4,330'**

Paddock

Perf 4,678-4,974', 9 Int, 2 SPF  
Perf 4,731 & 32', 2 Int, 1 SPF  
Perf 4,690-4,930', 10 Int, 2 SPF5-1/2" 15.5# J-55 @ 5,109'  
Cmnt w/ 600 sx

4" 11.3# ULTFJ Lnr @ 6,200'

TD 6,900'

**Proposed**frac 886,032 gal SW+45,140# 100 Mesh+  
270,460# 40/70, 3/28/141/4/02  
1/5/02  
3/27/14

Depth	MD	TVD	Dev.
525			0.25
1010			0.25
1512			0.50
2013			0.50
2514			0.75
3012			0.75
3514			0.50
4019			0.75
4520			0.75
5100			1.00

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

### Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within **ninety (90)** days from this approval. **If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.  
In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.
6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
8. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:**  
From March 1<sup>st</sup> through June 15<sup>th</sup> annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted