

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

JAN 13 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

5. Lease Serial No.
NMLC030570A1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☒ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
BURNETT OIL CO. INC. Contact: LESLIE GARVIS
E-Mail: lgarvis@burnettoil.com8. Lease Name and Well No.
STEVENS A 143. Address BURNETT PLAZA - SUITE 1500 801 CHERRY STREET FORT WORTH, TX 76102
Ph: 817-332-51089. API Well No.
30-015-35320

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

At surface SESW 80FSL 1400FWL

At top prod interval reported below SESW 80FSL 1400FWL

At total depth SESW 80FSL 1400FWL

10. Field and Pool, or Exploratory
CEDAR LAKE YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T17S R30E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
08/04/201415. Date T.D. Reached
08/07/201416. Date Completed
☐ D & A ☒ Ready to Prod.
11/02/201417. Elevations (DF, KH, RT, GL)*
3712 GL18. Total Depth: MD 6150
TVD 615019. Plug Back T.D.: MD 4965
TVD 496520. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RUN OC W/SGR (GTET, CSNG, DSNT, SDLT, BAST, DLLT, MGRD)22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14.750	9.625 H40	32.3	0	423		200			
8.750	7.000 K55	23.0	0	4979		700			
6.125	5.500 J-55	15.5	0	6150		155	38		

6150
Revised on wellfile (see attached Sunday)
5416 AB

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4973							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	4480	4584	5840 TO 6034	0.430	39	OPEN
B) YESO	4584	6084	5628 TO 5788	0.430	39	OPEN
C)			5368 TO 5566	0.430	39	OPEN
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5840 TO 6034	SPOT 250 GALS 15% NEFE ACID, ACIDIZE W/2500 GALS 15% NEFE ACID
5840 TO 6034	SLICKWATER FRAC W/284,634 GALS SLICKWATER, 19,899# 100 MESH, 168,520# 40/70
5628 TO 5788	SLICKWATER FRAC W/265,524 GALS SLICKWATER, 19,971# 100 MESH, SPOT 2000 GALS 15% NEFE ACID
5368 TO 5566	PMPD 2000GLS 15% NEFE ACD, SW FRAC W/385,014 GLS SW 20,421# 100 MESH 176,032# 40/70, 4000GLS 15% NEFE A

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
11/02/2014	11/04/2014	24	→	64.0	88.0	714.0	38.3	0.80
Choke Size	Thg. Press. (Wg. SI)	Cvg. Press. (SI)	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
	280	50.0	→					POW

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
			→					
Choke Size	Thg. Press. (Wg. SI)	Cvg. Press. (SI)	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

JAN 9 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Accepted for record

NMJCD

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #275965 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	Thg. Press. Flow g. 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	Thg. Press. Flow g. 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.)
SOLD

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	362	482	WATER	RUSTLER	362
SALT	482	1310	WATER	SALT	482
SALT BASE/TANSILL	1310	1359	OIL/GAS	SALT BASE/TANSILL	1310
YATES	1359	1726	OIL/GAS	YATES	1359
SEVEN RIVERS	1726	2324	OIL/GAS	SEVEN RIVERS	1726
QUEEN	2324	2709	OIL/GAS	QUEEN	2324
GRAYBURG	2709	3050	OIL/GAS	GRAYBURG	2709
SAN ANDRES	3050	4480	OIL/GAS	SAN ANDRES	3050

32. Additional remarks (include plugging procedure):
Porous Zones (Cont)

GLORIETA 4480 4584 OIL/GAS

YESO 4584 6084 OIL/GAS

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

Electronic Submission #275965 Verified by the BLM Well Information System.
For BURNETT OIL CO. INC., sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/06/2015 ()

Name(please print) LESLIE GARVIS

Title REGULATORY COORDINATOR ✓

Signature _____ (Electronic Submission)

Date 11/04/2014

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #275965 that would not fit on the form

32. Additional remarks, continued

LOGS SENT BY MAIL..

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC030570A
2. Name of Operator BURNETT OIL CO. INC.		6. If Indian, Allottee or Tribe Name
3a. Address BURNETT PLAZA - SUITE 1500 801 CHERRY STREET FORT WORTH, TX 76102		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) 817-082-3700; 817-76102		8. Well Name and No. STEVENS A 14
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T17S R30E Mer NMP SESW 80FSL 1400FWL		9. API Well No. 30-015-35320
10. Field and Pool, or Exploratory CEDAR LAKE YESO		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK 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"/> 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 checked="" 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 recompleate 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/28/14 - MOVE PUMPING UNIT OFF LCTN, RU R/O UNIT, R/D HEAD, R/D STUFFING BOX, START PULLING ROD STRING, R/U & RUN FISH. R/U & RUN PARAFFIN CUTTER ON SWAB LINE, FINISH CUTTING, R/D CUTTER.

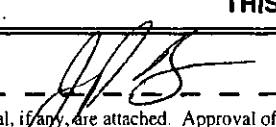
7/29/14 - DROP STANDING VALVE TEST TBG TO 2000 PSI (HOLDING), P/U & RIH W/7" CEMENT RETAINER, ON DEPTH R/U KILL TRK, PUMP TBG CAP, SET RETAINER @ 4563', PUMP 400 SX 2 % CC, PRESSURE 500 PSI, CUT SLURRY, STRAIGHT TO DISPLACEMENT, 3 BBL IN SQUEEZED TO 2200 PSI.

8/4/14 - HOLE SIZE: 6 1/8". RIG UP, NU AND TEST BOPE TO 2000 PSI HIGH AND 250 PSI LOW TEST (TEST OK), RU GAS SEPARATOR, NOTIFIED BLM REP CHERYL BY MESSAGE ON 7-27-14 @ 3:45 PM OF RIG MIRU AND TESTING OPERATIONS OF BOPE, CALLED BACK ON 7-28-14 AND VERIFIED INFORMATION WITH BLM REP BOBBY OF SAME.

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 15 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #275913 verified by the BLM Well Information System For BURNETT OIL CO. INC., sent to the Carlsbad Committed to AFMSS for processing by JERRY BLAKLEY on 12/08/2014 ()			
Name (Printed/Typed) LESLIE GARVIS	Title REGULATORY COORDIANTOR		
Signature (Electronic Submission)	Date 11/04/2014		
THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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	DEC 12 2014
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. CARLSBAD FIELD OFFICE			

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

Additional data for EC transaction #275913 that would not fit on the form

32. Additional remarks, continued

*08/07/14 - TD: 6,150?., RUN COMBO TOOLS W/SPECTRAL GR/GTET/CSNG/DSNT/SDLT/BSAT/ DLLT/MGRD/BH CALIPER, LOG TD @ 6142'. NOTIFIED BLM REP RICHARD CARRASCO OF INTENT TO RUN PROD LINER AND CMT SAME AT 4:45 PM 8-6-14.

08/08/14 - RR 6:00 AM, 08/08/14. RUN 47 JOINTS 5 1/2" J-55, 15.5#, FJM THREADED CSG, TOTAL PIPE & * ACCESS=2049'. FLOAT SHOE SET @ 6150' * LANDING COLLAR SET @ 6102', BOTTOM OF LINER SET @ 6150' TOP OF HANGER SET @ 4102'. TOP OF LINER @ 4102'. CMT W/ 155 SKS(37 BBL) @ 14.3 PPG, YIELD 1.34 50/50 P/C+5%PF44(BWOW)(SALT)+ 2%PF20(BENTONITE GEL)+7%PF606(FLUID LOSS)+ PF65 DISPERSANT+ 0.4#/SKPF46DEFC. CIRC 4 BBL 17 SKS CEMENT TO PIT. CIRC 23 SKS CMT TO PITS BLM NOTIFIED REP RICHARD CARROSCO 8-6-14 OF IMPENDING PROD LINER AND CMT JOB, NO WITNESS FOR OPERATION.

09/10/14 - RUN CORRELATION LOG FROM 6095 TO SURFACE, PERF 13 INT 3 SPF @ 5840?, 5849?, 5857?, 5882?, 5892?, 5904?, 5917?, 5937?, 5949?, 5996?, 6008?, 6018?, 6034?.

9/11/14 - SPOT 250 GALS 15 % NEFE ACID, ACIDIZE W/2500 GALS 15% NEFE ACID 76 BALLSEALERS.

9/12/14 - SLICKWATER FRAC W/284,634 GALS SLICKWATER, 19,899# 100 MESH, 168,520# 40/70. PERF 13 INT 3 SPF 5628?, 5638?, 5650?, 5660?, 5676?, 5702?, 5712?, 5722?, 5742?, 5748?, 5770?, 5780?, 5788?. SLICKWATER FRAC W/265,524 GALS SLICKWATER, 19,971# 100 MESH. SPOT 2000 GALS 15% NEFE ACID.

9/13/14 - PERF 13 INT 3 SPF @ 5368?, 5392?, 5414?, 5420?, 5458?, 5500?, 5512?, 5518?, 5525?, 5536?, 5544?, 5554?, 5566?. , PUMPED 2000 GALS 15% NEFE ACID. SLICK WATER FRAC W/385,014 GALS SLICKWATER 20,421# 100 MESH 176,032# 40/70, 4000 GALS 15% NEFE ACID.

9/26/14 - PUMP 150 SX CLASSC W/2% CACL2 14.8#.

10/23/14 - PERF UPPER BLINEBRY #2 @ 5,316', 5,310', 5,264', 5,258', 5,230', 5,222', 5,216', 5,204', 5,160', 5,136', 5,114', 5,094', 5,088', 5,082' & 5,074' (3 SPF, 45 HOLES). RIH & SPOT 250 GAL 15% HCL ACID ACROSS PERFS. ACIDIZE UPPER BLINEBRY PERFS FR 5,074' - 5,316' W/2,250 GAL 15% HCL ACID

10/27/14- FRAC UNDER PKR THROUGH 4 1/2" 11.6# J-55 CSG W/306,054 GAL OF SLICKWATER, 25,440 # OF 100 MESH STAGED 1 #, 228,960 # OF 40/70.

10/31/14 - 156 JTS 2-7/8" J-55= 4,973.65'.

11/2/14 -20 BO, 720 BLW, 50 MCF, 1288 BHP, 2859' FLAP, 28,293 BLWTR, 50# CSG, 280# TBG, 55 HZ.

11/4/14 - 24 Hr Test 64 BO, 714 BLW, 88 MCF, 986 BHP, 2162' FLAP, 26,861 BLWTR, 50# CSG, 280# TBG, 55 HZ