

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

**OCD-ARTESIA**

JUL 01 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: OTH			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator BURNETT OIL CO. INC.			8. Lease Name and Well No. BURNETT 33 FEDERAL SWD 1		
3. Address    BURNETT PLAZA - SUITE 1500 801 CHERRY STREET FORT WORTH, TX 76102			9. API Well No. 30-015-42060		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface    NENW 360FNL 2050FWL At top prod interval reported below    NENW 360FNL 2050FWL At total depth    NENW 360FNL 2050FWL			10. Field and Pool, or Exploratory WOLFCAMP REEF		
14. Date Spudded 02/27/2014			11. Sec., T., R., M., or Block and Survey or Area    Sec 33 T17S R31E Mer NMP		
15. Date T.D. Reached 03/30/2014			12. County or Parish EDDY		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/30/2014			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3761 GL			18. Total Depth:    MD    9700 TVD    9700		
19. Plug Back T.D.:    MD    9500 TVD    9500			20. Depth Bridge Plug Set:    MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLLMS/CSN G/DSN/SD/OH BORE HOLE SONIC			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	780		400	105		
12.250	9.625 J-55	40.0	0	4544		2100	674		
8.750	7.000 L-80	26.0	0	9711		1180	387		

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	9229							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	8338	8941				
B) WOLFCAMP REEF	8941	9768				
C)						
D)						

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

Depth Interval	Amount and Type of Material
9287 TO 9493	ACIDIZE W/8,500 GAL 15% HCL ACID.PMPD 5,000# ROCK SALT IN 3 STGS W/GOOD DIVERSION.FLUSH W/130 BBLSF

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
08/30/2014	08/30/2014	24	→			8.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
								WDW	

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 reverse side)

ELECTRONIC SUBMISSION #305190 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OTHER

**ACCEPTED FOR RECORD**

**JUN 29 2015**

*[Signature]*

**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD FIELD OFFICE**

## 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(Sold, used for fuel, vented, etc.)

OTHER

## 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	616	795	WATER	RUSTLER	616
SALT	795	1727	WATER	SALT	795
SALT BASE/TANSILL	1727	1915	OIL/GAS	SALT BASE/TANSILL	1727
YATES	1915	2246	OIL/GAS	YATES	1915
SEVEN RIVERS	2246	2913	OIL/GAS	SEVEN RIVERS	2246
QUEEN	2913	3261	OIL/GAS	QUEEN	2913
GRAYBURG	3261	3741	OIL/GAS	GRAYBURG	3261
SAN ANDRES	3741	5129	OIL/GAS	SAN ANDRES	3741

## 32. Additional remarks (include plugging procedure):

REVISED

## PERFS:

PERF WOLFCAMP FORMATION IN 3 RUNS.

1ST RUN: 9,490' - 93', 9,466' - 69', 9,448' - 51', 9,440 - 43'

## 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 #305190 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 06/18/2015 ()

Name(please print) LESLIE GARVISTitle REGULATORY COORDINATOR

Signature \_\_\_\_\_ (Electronic Submission)

Date 06/16/2015

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 #305190 that would not fit on the form**

**32. Additional remarks, continued**

9,430' - 33'. WELL PRESS TO 1,300 PSIG.

2ND RUN: 9,412' - 15', 9,380' - 83', 9,370' - 73',  
9,364' - 67' & 9,350' - 53'. WELL PRESS @ 1,300 PSIG.

3RD RUN: 9,330' - 33', 9,320' - 23',  
9,312' - 15', 9,306' - 09', 9,294' - 97' & 9,287' - 90'.

256 HOLES

4 SPF.

SPOT 40 BBLS W/5 BBLS FLUSH

Porous Zones (Cont)

GLORIETA 5129 7770 OIL/GAS

ABO 7770 8338 Oil/Gas/Water

Wolfcamp 8338 8941 OIL/Gas/Water

Wolfcamp Reef 8941 9768 Oil/Gas/Water

Cisco 9768 9989 Oil/Gas/Water

**Step Rate Test**

START STEP RATE TEST, 1 BPM, INCREASING DUE TO DIFFERENTIAL OF FILDS PICK RATE UP TO 4  
BPM CLEARTBG AND PERFORATIONS W/FRESH WATER, RESTART STEP RATE, 1 BPM 1300 PSI, 2 BPM  
1334 PSI, 3 BPM 1449 PSI, 8.2 BPM 2500 PSI,  
ISIP WENT TO 1288 PSI AND STAYED AT 1288 PSI TO 15 MIN

LOGS SENT BY MAIL.