OCD-ARTESIA

correction

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No
NM 02952A

1a Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b Type of Completion [X] 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
NMNM70965F

2 Name of Operator
BOPCO, L P

8 Lease Name and Well No
James Ranch Unit 104H

3 Address
P.O. Box 2760 Midland TX 79702

3 a Phone No *(Include area code)*
(432)683-2277

9 API Well No
30-015-37271

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

At Surface UL F, 2000' FNL, 1730' FWL, Lat N 32.35034, Long W 103.83733

At top prod interval reported below

At total depth UL D, 575' FNL, 367' FWL, Sec 35

10 Field and Pool, or Exploratory
Quahada Ridge SE (Delaware)

11 Sec , T , R , M , on Block and Survey or Area Sec 36, T22S, R30E

12 County or Parish Eddy

13 State NM

14 Date Spudded	15 Date T D Reached	16 Date Completed	17 Elevations (DF, RKB, RT, GL)*
10/31/2009	12/03/2009	[ ] D & A [X] Ready to Prod 01/14/2010	3334.92' GL

18 Total Depth	19 Plug Back T D.	20 Depth Bridge Plug Set
MD 14,132' TVD 7274"	MD TVD	MD TVD

21 Type of Electric & Other Mechanical Logs Run (Submit copy of each)
GR Down Log Flipped; PPC Borehole Graphics; Power Positioning Caliper GR

22 Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit analysis)
Directional Survey? [ ] No [X] Yes (Submit copy)

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
17-1/2"	13-3/8" H-40	48#	0	620' TVD		535 sxs		0' Circ	
12-1/4"	9-5/8" J-55	40#	0	3829' TVD		1350 sxs		0' Circ	
8-3/4"	7" P-110	23#	0	7700'	5018'	380 sxs Stg I		5018' DV	
						625 sxs Stg II		0' Circ	
6-1/8"	4-1/2" P-110	11.6#	6786'	14,082'					

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	6760'							

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Delaware	3808'	7274' TVD	See attachment for details			
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Sqeeze, Etc

Depth Interval	Amount
	See attachment for details

Submit commercial well determination within 6 months of completion date.

RECEIVED
JUL 15 2011
NMOCD ARTESIA

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
01/14/10	01/28/10	24	→	1003	565	955	40	.80	Pumping

Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status
31/64"	450	360	→				563.31	Producing

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
			→					

ACCEPTED FOR RECORD
MAR 23 2010
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on page 2)

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)*

Sold

30 Summary of Porous Zones (Include Aquifers)

Show all important zones or porsity and contents thereof Cored intervals and all drill-stem tests, inlcuding 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
Bell Canyon	3,834'	4,742'	Sandstone	T/Rustler	309'
Cherry Canyon	4,742'	6,044'	Sandstone	T/Salt	606'
Brushy Canyon	6,044'	not reach	Sandstone	T/Delaware Sands	3808'

32 Additional remarks (include plugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

☒ Electrical/Mechanical Logs (1 full set req'd) ☐ Geological Report ☐ DST Report ☒ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other

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

Name *(please print)* Valerie Truax Title Regulatory Admin Assistant

Signature Valerie Truax Date 02/01/2010

Title 18 U S C Section 101 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 and false, fictitious or fradulent statements or representations as to any matter within its jurisdiction

JRU #104 3160-4

26. Perforation Record (Pre perf sleeve)

Perforation Interval	Perf Status
7,715'-16; 7,973'-74'	Producing
8,317'-18'; 8,760'-61'	Producing
9,155'-56'; 9,539'-40'	Producing
9,938'-40'; 10,293'-94'	Producing
10,692'-94'; 11,050'-51	Producing
11,457'-58'; 11,756'-57'	Producing
12,053'-54'; 12,500'-01'	Producing
12,949'-50'; 13,353'-54'	Producing
13,711'-13'; 14,064'-65'	Producing

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

Depth Interval	Amount & Kind Material Used
7,715'-7,716'	Frac w/ 672 gals 25# linear, 49,501 gals YF125ST w/ 148,710# 16/30 Ottawa sand
7,973'-7,974'	Frac w/ 5,586 gals 25# linear, 51,382 gals YF125ST w/ 156,330# 16/30 Ottawa sand
8,317'-8,318'	Acidize w/ 630 gals 15% HCl
8,317'-8,318'	Frac w/ 8,568 gals 25# linear, 52,690 gals YF125ST w/ 155,270# 16/30 Ottawa sand
8,760'-8,761'	Acidize w/ 714 gals 15% HCl
8,760'-8,761'	Frac w/ 7,308 gals 25# linear, 50,454 gals YF125ST w/ 149,940# 16/30 Ottawa sand
9,155'-9,156'	Acidize w/ 588 gals 15% HCl
9,155'-9,156'	Frac w/ 18,270 gals 25# linear, 52,093 gals YF125ST w/ 161,040# 16/30 Ottawa sand
9,539'-9,540'	Acidize w/ 756 gals 15% HCl
9,539'-9,540'	Frac w/ 5,754 gals 25# linear, 51,754 gals YF125ST w/ 157,400# 16/30 Ottawa sand
9,938'-9,940'	Acidize w/ 1050 gals 15% HCl
9,938'-9,940'	Frac w/ 8,358 gals 25# linear, 51,715 gals YF125ST w/ 157,320# 16/30 Ottawa sand
10,293'-10,294'	Acidize w/ 924 gals 15% HCl
10,293'-10,294'	Frac w/ 7,686 gals 25# linear, 51,322 gals YF125ST w/ 155,800# 16/30 Ottawa sand
10,692'-10,694'	Frac w/ 52,145 gals YF125ST w/ 161,730# 16/30 Ottawa sand
11,050'-11,051'	Acidize w/ 756 gals 15% HCl
11,050'-11,051'	Frac w/ 8,358 gals 25# linear, 51,627 gals YF125ST w/ 155,560# 16/30 Ottawa sand

11,457'-11,458'	Acidize w/ 1008 gals 15% HCl
11,457'-11,458'	Frac w/ 8,988 gals 25# linear, 51,464 gals YF125ST w/ 155,450# 16/30 Ottawa sand
11,756'-11,757'	Acidize w/ 756 gals 15% HCl
11,756'-11,757'	Frac w/ 8,022 gals 25# linear, 51,232 gals YF125ST w/ 155,942# 16/30 Ottawa sand
12,053'-12,054'	Acidize w/ 756 gals 15% HCl
12,053'-12,054'	Frac w/ 8,022 gals 25# linear, 51,554 gals YF125ST w/ 156,242# 16/30 Ottawa sand
12,500'-12,501'	Acidize w/ 756 gals 15% HCl
12,500'-12,501'	Frac w/ 10,164 gals 25# linear, 50,032 gals YF125ST w/ 155,540# 16/30 Ottawa sand
12,949'-12,950'	Acidize w/ 756 gals 15% HCl
12,949'-12,950'	Frac w/ 9,744 gals 25# linear, 51,614 gals YF125ST w/ 156,778# 16/30 Ottawa sand
13,353'-13,354'	Acidize w/ 756 gals 15% HCl
13,353'-13,354'	Frac w/ 10,248 gals 25# linear, 51,584 gals YF125ST w/ 156,513# 16/30 Ottawa sand
13,711'-13,713'	Acidize w/ 1596 gals 15% HCl
13,711'-13,713'	Frac w/ 8,778 gals 25# linear, 51,685 gals YF125ST w/ 157,055# 16/30 Ottawa sand
14,064'-14,065'	Acidize w/ 630 gals 15% HCl
14,064'-14,065'	Frac w/ 2940 gals 25# linear, 51,140 gals YF125ST w/ 133,850# 16/30 Ottawa sand