

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM-0448921-A							
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Impetro Operating LLC		7. Unit or CA Agreement Name and No.							
3. Address 300 E. Sonterra Blvd., Suite 1220 San Antonio, TX 78258		8. Lease Name and Well No. Mexico "P" Federal #1							
3a. Phone No. (include area code) 210-999-5400		9. API Well No. 30-025-22405 <b>S3</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1980' FNL & 1980' FWL, Sec. 21, T-26-S,R-35-E, N.M.P.M. At surface At top prod. interval reported below 1980' FNL & 1980' FWL, Sec. 21, T-26-S,R-35-E, N.M.P.M. At total depth 1980' FNL & 1980' FWL, Sec. 21, T-26-S,R-35-E, N.M.P.M.		10. Field and Pool or Exploratory Jabalina; Wolfcamp, Southwest							
14. Date Spudded 08/02/2015		11. Sec., T., R., M., on Block and Survey or Area 21, T-26-S,R-35-E							
15. Date T.D. Reached 08/02/2015		12. County or Parish Lea							
16. Date Completed 09/11/2015 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State NM							
17. Elevations (DF, RKB, RT, GL)* 3179' RKB									
18. Total Depth: MD 22,926' TVD 22,926'		19. Plug Back T.D.: MD 13,882' TVD 13,882'							
20. Depth Bridge Plug Set: MD TVD		21. 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 report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
22. Type Electric & Other Mechanical Logs Run (Submit copy of each) Provided with original completion									
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
36"	30"	-	Surface	33.5'		5 yds redi-mix		Surface	
26"	20"	-	Surface	803.0'		1,700 sx		Surface	
17 1/2"	13 3/4"	-	Surface	5320.0'		6,700 sx			
12 1/4"	10 3/4"	-	Surface	13,315.0'		3,400 sx			
	7 5/8"	-	12,488'	18,605.0'		1,200 sx			
6 1/2"	5"	-	17,913'	19,531.0'		295 sx			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Wolfcamp	12,011'	14,227'	13,220' - 13,863'	.041"	180	Producing			
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
13,220' - 13,863'	3,990 Gas. of 15% HCL, 193,762# 100 Mesh sand, 225,773# 20/40								
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
09/11/15	9/13/15	24	→	219	150	0	47		Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
12/64	-	800	→	219	150	0	685	Flowing	
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 page 2)

ACCEPTED FOR RECORD  
OCT 30 2015BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

NOV 23 2015

jm



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	

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	

30. Summary of Porous Zones (Include Aquifers):

### 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
			Missing Information Required		

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.)     
 ☐ Geologic 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) Debbie Cherry

Title Reg. Asst.

Signature Alvin K. Sherrin

Date 09/15/2015

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.

Mexico P Federal #1  
 Well Name

 Impetro Operating LLC  
 Operator

Sec 21 T26S R35E

Field

 8-5-2011 CC  
 Date Updated

Location

 Lea County, New Mexico  
 County or Parish / State

30-025-22405

API

KB: 3179

Elevation

**Current Wellbore Status**

28951

Serial Number

GL: 3153'

DF: 3178

 30" conductor set @ 33'  
 36" Hyole

 20" set @ 803'  
 cmt'd w/ 1700 sxs cmt  
 26" Hole

 13 3/8" 61# 66# 72# J55 & S80 STC Butt @ 5320'  
 cmt'd w/ 6700 sxs cmt  
 17 1/2" Hole

**Wolfcamp Perfs**

 13,220'-13,240' -- 13,360'-13,380'  
 13,390'-13,410' -- 13,460'-13,480'  
 13,660'-13,680' -- 13,710'-13,730'  
 13,802'-13,842' -- 13,843'-13,863'

 Cement with 197sx  
 14,940'-13,882'

 Milled/Pushed  
 Model D Packer to 14,940'

TOL @ 12488'

Baker N-3 CIBP @ 15420'

TOL @ 17913'

 5" 23# HOWCO EZ-SV 10' cmt on  
 top @ 19452'

TD: 22914' PBD: 19452'

TD: 22914'

 10 3/4" 60.7# set @ 13315'  
 cmt'd w/ 3400 sxs cmt  
 12 1/4" Hole

**Strawn Perfs**

 14270'-14304'  
 14388'-14408'  
 15036'-15050'

**Atoka Bank Perfs**

 15564'-15569' (47 shots) (2/25/90)  
 15572'-15594'  
 15598'-15606'  
 15608'-15616'

Perf &amp; Sqz'd 15666'-15670'

7 5/8" 39# S-95 set @ 18605', cmt'd w/ 1200 sxs cmt

**Silurian Perfs**

19214'-19225'; 19382'-19398' (11/13/1989)

 5" 23# P-110 w/ AB FL4S conn set @ 19531'  
 cmt'd w/ 295 sxs cmt  
 6 1/2" hole



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-22405	<sup>2</sup> Pool Code 96776	<sup>3</sup> Pool Name Jabalina; Wolfcamp, Southwest
<sup>4</sup> Property Code 313145	<sup>5</sup> Property Name Mexico "P" Federal (NM NM -0448921-A)	
<sup>7</sup> OGRID No. 307600	<sup>8</sup> Operator Name Impetro Operating, LLC	<sup>6</sup> Well Number #1  <sup>9</sup> Elevation 3178

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	21	26S	35E		1980	N	1980	W	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	21	26S	35E		1980	N	1980	W	Lea

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>Debbie Cherry</i>      9/15/2015 Signature      Date</p> <p>Debbie Cherry Printed Name</p> <p>debbiec@impetrooperating.com E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>_____ Date of Survey</p> <p>_____ Signature and Seal of Professional Surveyor:</p>
	<p>_____ Certificate Number</p>