

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.

NM-112249

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						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 PARALLEL PETROLEUM CORPORATION						8. Lease Name and Well No. LETTERS 1525-20 FEDERAL #1			
3. Address 1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701				3a. Phone No. (include area code) 432-685-6563		9. API Well No. 30-005-63934 0051			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 760 FNL & 190 FWL, SEC 21, T15S, R25E At top prod. interval reported below 778 FNL & 883 FEL, SEC 20, T15S, R25E At total depth 878 FNL & 733 FWL, SEC 20, T15S, R25E						10. Field and Pool, or Exploratory WALNUT CREEK/WOLF CAMP GAS POOL 11. Sec., T., R., M., or Block and Survey or Area SEC 21, T15S, R25E			
14. Date Spudded 09-05-2007		15. Date T.D. Reached 09-21-2007		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10-16-2007		17. Elevations (DF, RKB, RT, GL)* GR: 3495			
18. Total Depth: MD TVD		9175 4778		19. Plug Back T.D.: MD TVD		9133 4778		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NO OPEN HOLE LOGS RUN - TOPS ESTIMATED ON ALSAB #1, OFFSET						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 report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16			0	120	CONDUCTOR				
11	8.625	24	0	1483		890 SX		SURFACE	
7.875	5.5	17	0	9175		1100 SX		SURFACE	
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	5898								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status			
A) WOLF CAMP	TVD: 4846	TVD: 4778	MD: 5360 - 5953	0.42	36	OPEN			
B)	MD: 5360	MD: 9122	MD: 6200 - 6833	0.42	36	OPEN			
C)			MD: 7020 - 7893	0.42	36				
D)			8112 - 9122	0.42	36				
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
5360 - 9122		STIM W/15% HCL, SLICK WATER, 40/70 & 20/40 BROWN SAND, 4 STAGES							
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
10-30-07	10-30-07	24	→	0	1295	120		0.638	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	460	650	→	0	1295	120		PRODUCING	
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. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

DAVID R. GLASS

DEC 3 2007

DAVID R. GLASS  
PETROLEUM ENGINEER

OPERATORS - FOR WELL COMPLETIONS SUBMIT 1 ORIGINAL AND 7 COPIES

## 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.	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.	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 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
GLORIETA	2216		(BASED ON ALSAB #1 TOPS)		
TUBB	3210				
ABO	3942				
WOLF CAMP	4842				

32. Additional remarks (including plugging procedure):

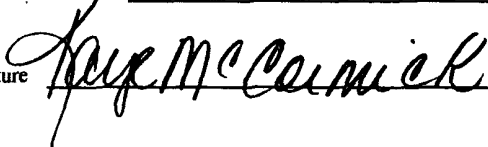
## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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) KAYE MC CORMICKTitle SR PROD & REG TECH

Signature


Date 11-28-2007

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.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies  
☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

' API Number <b>30-005-63934</b>	' Pool Code	' Pool Name <b>WALNUT CREEK/WOLFECAMP GAS POOL</b>
' Property Code	' Property Name <b>LETTERS 1525-20 FEDERAL</b>	' Well Number <b>#1</b>
' OGRID No. <b>230387</b>	' Operator Name <b>PARALLEL PETROLEUM CORPORATION</b>	' Elevation <b>GR: 3495</b>

<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
<b>D</b>	<b>21</b>	<b>15S</b>	<b>25E</b>		<b>760</b>	<b>NORTH</b>	<b>190</b>	<b>WEST</b>	<b>CHAVES</b>

<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
<b>D</b>	<b>20</b>	<b>15S</b>	<b>25E</b>		<b>878</b>	<b>NORTH</b>	<b>733</b>	<b>WEST</b>	<b>CHAVES</b>
" Dedicated Acres <b>320</b>		" Joint or Infill		" Consolidation Code		" Order No.			

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>16</p>	<p><sup>17</sup> <b>OPERATOR CERTIFICATION</b> 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.</p>
	<p><i>Kaye McCormick</i> 11-28-2007 Signature Date <b>KAYE MC CORMICK</b> Printed Name</p>
	<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b> 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.</p> <p>Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number</p>