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Form 3160-4  
(April 2009)

HOBBSOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>NMNM101115</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator <b>Read &amp; Stevens, Inc.</b>		7. Unit or CA Agreement Name and No.	
3. Address <b>P. O. Box 1518, Roswell, NM 88202-1518</b>		8. Lease Name and Well No. <b>HIGHWAY 5 FEDERAL 1</b>	
3a. Phone No. (include area code) <b>575-622-3770</b>		9. AFI Well No. <b>30-025-39120</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>NWNW 660' FNL &amp; 660' FWL</b> At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory <b>Quail Ridge Morrow</b>	
14. Date Spudded <b>01/28/2009</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 5, T20S-R34E</b>	
15. Date T.D. Reached <b>03/17/2009</b>		12. County or Parish <b>Lea</b>	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State <b>NM</b>	
17. Elevations (DF, RKB, RT, GL)* <b>3627' GL</b>			
18. Total Depth: MD <b>13,750'</b> TVD		19. Plug Back T.D.: MD <b>13,636'</b> TVD	
20. Depth Bridge Plug Set: MD TVD <b>N/A</b>			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>PEX, HRLA</b>		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 checked="" type="checkbox"/> No <input 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	54	-0-	1600		1125		Surface/Circ	None
	J-55					EconoCem			
11	8 5/8		-0-	5044		1698		Surface/Circ	None
						EconoCem			
7 7/8	5 1/2	20/17	-0-	7696		1275		3,860'/CBL	None
	P-110					VarsaCem			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Morrow			13,514' - 24'	.48	20	Open
B) Middle Morrow			13,202' - 09'	.48	14	Open
C) Middle Morrow			13,247' - 13,284'	.48	28	Open
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
13,514' - 24'	1000 gal 7 1/2% NeFe HCl, 89 bbls 70Q CO2 foam pad, 30,000# 18/40 proppant, 241 bbls 70Q CO2 foam, 310 bbls 70Q CO2 foam.
13,202' - 284'	2000 gal 7 1/2% HCl, 350 bbls 40# gelled 70Q CO2 foam pad, 50,000# 18/40 proppant, 303 bbls gelled 70Q CO2 foam.

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
04/18/2009	04/21/2009	24	→	-0-	1188	96		0.69	Adjustable Choke and Tank
Choke Size	Tbg Press. Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	220 FI	220	→	-0-	1188	96			Flowing up casing (no tbg) 0 2009

## 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

Flowing up casing (no tbg) 0 2009

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

K2

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 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	1720	3170			
Yates	3170	3612			
7 Rivers Sand	3612	3760			
San Andres Reef	3760	5846			
Cherry Can Top	5846	8300			
Bone Spring LS	8300	9390			
1st BS Sand	9390	9938			
2nd BS Sand	9938	10604			
3rd BS Sand	10604	11220			
Wolfcamp	11220	12208			
Strawn	12208	12376			
Atoka	12376	12730			
Morrow	12730	13,750			

32. Additional remarks (include plugging procedure):

#28 - Production Interval - A&B = commingle  
SI csg pressure is 1900

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) **David Luna**

Title **Petroleum Engineer**

Signature

*David Luna*

Date

**05/05/2009**

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.

OPERATOR READ & STEVENS, INC.  
WELL/LEASE HIGHWAY 5 FED. COM. 1  
COUNTY LEA

080-0066

STATE OF NEW MEXICO  
DEVIATION REPORT

30-025-39120

328	1.25	7,537	1.75
486	0.25	7,758	1.50
738	0.75	8,010	1.25
992	1.00	8,492	1.25
1,182	1.00	8,779	0.50
1,467	1.00	9,030	1.00
1,854	1.25	9,412	1.00
2,237	1.25	10,137	0.75
2,490	1.25	10,583	1.00
2,744	1.75	10,995	1.00
2,840	1.50	11,631	2.00
2,936	1.75	13,450	1.00
3,030	2.25	13,750	1.00
3,156	2.00		
3,219	2.00		
3,346	1.50		
3,473	1.75		
3,600	1.50		
3,697	1.25		
3,888	2.00		
3,983	1.50		
4,110	0.75		
4,269	1.00		
4,666	1.00		
5,220	1.00		
5,600	1.25		
6,012	1.75		
6,170	2.00		
6,265	1.25		
6,583	1.50		
6,900	1.50		
7,190	1.75		
7,410	1.75		

D -5-205-34E  
660 FNL & 660 FWL

STATE OF TEXAS

BY

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson-UTI Drilling Company LLC.

March 27, 2009, by Steve

Joni D. Hodges  
Notary Public for Midland County, Texas  
My Commission Expires: 4/11/11

