

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS

RECEIVED

Amended

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 08 2010

HOBBSOCE

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM 093840							
1b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resrv., Other: _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Samson Resources Company		7. Unit or CA Agreement Name and No.							
3. Address 200 N Loraine, Ste 1010, Midland, TX 79701		8. Lease Name and Well No. Pubco Federal #1							
3a. Phone No. (include area code) 432-683-7063		9. API Well No. 30-025-24404							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 3300' FNL & 660' FWL At surface		10. Field and Pool or Exploratory Wildcat Hat Mesa							
At top prod. interval reported below		11. Sec, T., R., M., on Block and Survey or Area Sec 2 T21S R32E							
At total depth		12. County or Parish Lea County, NM							
14. Date Spudded 03/31/1973		13. State NM							
15. Date T.D. Reached 06/05/1973		17. Elevations (DF, RKB, RT, GL)* 3719' GR and 3740' KB							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.									
18. Total Depth: MD 14407' TVD		20. Depth Bridge Plug Set: MD 13530' TVD							
19. Plug Back T.D.: MD 13530' TVD		22. Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Compensated Acoustic Velocity Gamma Ray Neutron Guard									
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
	20	94#	0	404		700		Surface	
	13.375	54.5#	0						
	13.375	61#							
	13.375	68#				3475		Surface	
	9.625	40-53.5	3734	11243		2000			
	5.5	17#	10968	14407'		725			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2.375	12765	12750							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Strawn	12850	12891	12850-12860	.33"	20				
B)			12870-12874	.33"	8				
C)			12886-12891	.33"	10				
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
12850-12891	Acidz w/8000 gals of 20% CRA acid w/600# of Benzoic Acid flakes								
12850-12891	Frac w/25,000 gals of KCL Versafrac & 22,000% of 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
09/30/10	10/03/10	24	→	51	175	68#	49	.675	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Choke Size	Tbg. Press. Flwg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
48/64	50 psi	0	→	51	175	68#	3431		
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. Press.	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)

PETROLEUM ENGINEER

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## 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 (Solid, 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
Strawn	12850	12891	Lime		

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

Anhydrite 1430  
 T/Salt 1575  
 T/Yates 3410  
 T/Captian RD 3600  
 T/Delaware Mt 4550  
 T/Bone Spring 8445  
 T/Wolfcamp 11695  
 T/Strawn 12675  
 T/Atoka 12935  
 T/Morrow 13535

## 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) Kenneth KrawiecTitle Operations ManagerSignature *Kenneth Krawiec*Date 11/17/2010

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.