

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20045. Lease Serial No.  
NM-06531-A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other  
b. Type of Completion: ☒ 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.

2. Name of Operator

Samson Resources Company Attn: Kathy Staton

8. Lease Name and Well No.

3. Address

Two West Second Street, Tulsa, OK 74103

3a. Phone No. (include area code)

(918) 591-1971

Lea Federal Unit #18

9. API Well No.

30-025-36904

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

At surface 660' FNL &amp; 1600' FEL

At top prod. interval reported below same

At total depth same

10. Field and Pool, or Exploratory

Lea Penn

11. Sec., T., R., M., on Block and Survey  
or Area 11-20S-34E

12. County or Parish

Lea

13. State

NM

14. Date Spudded

12/8/04

15. Date T.D. Reached

1/24/05

16. Date Completed

☐ D&A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*

3665' GL

18. Total Depth: MD 13380'  
TVD19. Plug Back T.D.: MD 13333'  
TVD20. Depth Bridge Plug Set: MD 13112'  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

DSNL, SDDL, GRNL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ 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
17.50"	13.375"/H40	48.00#	surface	1649'		1920		surface	
9.625"	12.25"/N80	40.00#	surface	5629'		1870		surface	
5.500"	8.75"/P110	20.00#	surface	13377'		1440		9200'	

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"	12899'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12960'	13096'	13124'-13162'	3-1/8"	4	inactive CIBP @ 13112'
B)			12960'-13096'	3-1/8"	4	active
C)						
D)						

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

Depth Interval	Amount and Type of Material
13070'-162'	Frac'd w/100,000# prop, 294 tons CO2 & 979 bbls fld
12960'-13010	Frac'd w/100,000# 20/40 bauxite, 274 tons CO2 & 931 bbls fld

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
4/3/05	4/20/05	24	<input type="checkbox"/>	13	988	3			flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
9/64"	2400	2400	<input type="checkbox"/>	13	988	3	76,000	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
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

(See instructions and spaces for additional data on next page)

## 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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 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
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 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
				Delaware	5630'
				Bone Springs	9520'
				Wolfcamp	11040'
				Strawn	12080'
				Atoka	12460'
				Morrow	12956'
				Barnett	13262'

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

CIBP set @ 13112'

## 33. Circle enclosed attachments:

- ☒ 1 Electrical/Mechanical Logs (1 full set req'd.)    2 Geologic Report    3 DST Report    4 Directional Survey  
☐ 5 Sundry Notice for plugging and cement verification    6 Core Analysis    7 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) J. J. Farrell, IIITitle District EngineerSignature Date 4/28/05

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.