

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No. NM-14791

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

8. Lease Name and Well No.

New Mexico "C" Federal #2

3. Address
Two West Second Street Tulsa, OK 74103

3a. Phone No. (include area code)
(918) 583-1791

9. API Well No.
30-025-36218

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

At surface **3500' FNL and 660 FEL 4-21S-32E**

At top prod. interval reported below

At total depth

Unit I

10. Field and Pool, or Exploratory
So. Salt Lake Morrow

11. Sec., T., R., M., on Block and
Survey or Area **4-21S-32E**

12. County or Parish
Lea

13. State
NM

14. Date Spudded
3/19/03

15. Date T.D. Reached
5/01/03

16. Date Completed
☐ D&A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3695' GL

18. Total Depth: MD
TVD **14,200'**

19. Plug Back T.D.: MD
TVD **14,109'**

20. Depth Bridge Plug Set: MD
TVD **NA**

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

Dual Spaced Neutron; Dual Laterlog Micro Guard; CBL

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
18 1/2"	16.000"	84.00#	Surface	1400'		800		Surface	
14 3/4"	11.750"	65.00#	Surface	3377'		2150		Surface	
10 4/8"	8.625"	32.00#	Surface	4869'		750		Surface	
7 7/8"	5.500"	20.00#	Surface	14195'		525		4700'	

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"	13740'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow			13764-13770'	0.42"EHD	6 SPF	Active
B) Morrow			13798'-13897'		3 SPF	Active
C) Morrow			13902'-13938'		6 SPF	Active
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
13798' - 13897'	Frac'd well w/140,000# 20/40 bauxite, 335 tons CO2, 1165 bbls 33 to 44# polymer gel.

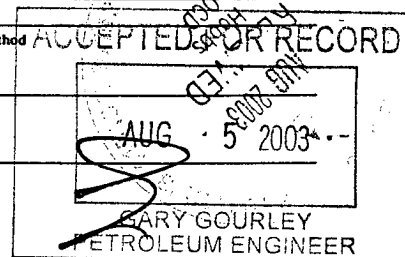
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/17		24	→	0	728	66			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
13/64	100	1300	→					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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)



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.)

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	4920'
				Cherry Canyon	5574'
				Brushy Canyon	6908'
				Bone Spring	8412'
				1st Bone Spring Sand	9466'
				2nd Bone Spring Sand	10020'
				3rd Bone Spring Sand	10952'
				Wolfcamp	11650'
				Strawn	12528'
				Atoka	12656'
				Morrow Clastics	13536'
				Barnett	14062'

32. Additional remarks (include plugging procedure):

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.L. Farrell, III

Title

District Engineer

Signature

Date

8/1/2003

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.