

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUL 10 2007

OCD-ARTESIA

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator

Samson Resources Co.

3. Address

200 N. Loraine, Suite 1010; Midland, Texas 79701

3a. Phone No. (include area code)

(432) 683-7063

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

At surface 1980' FSL & 1980' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

2/27/2005

15. Date T.D. Reached

16. Date Completed

☐ D & A

☐ Ready to Prod

18. Total Depth: MD

12060'

TVD

19. Plug Back T.D.: MD

12016'

TVD

20. Depth Bridge Plug Set: MD

10638'

TVD

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

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 Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled

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	9731'	9717'						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Wolfcamp			9830' - 9935'		15	Active
B) Strawn			10684' - 10718'		44	Abandon
C) Morrow Up			11483' - 11720'		4 spf	Abandon
D) Morrow			11873' - 11934'		6 spf	Abandon

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

Depth Interval	Amount and Type of Material
10684' - 10718'	Acidz with 4000 gls 15% NEFE. Dropped 66 balls
9830' - 9935'	Acidz with 15000 gls 15% NEFE. Dropped 22 balls.

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
3/12/07									
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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	

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	

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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.)

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

32. Additional remarks (include plugging procedure):

6/17/2005 - CIBP @ 11840' with 24' cmt on top
2/21/2007 - CIBP @ 11404' with 35' cmt on top

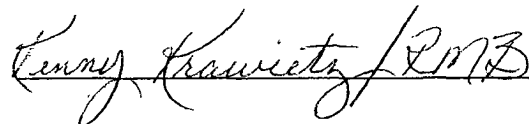
33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ 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 KrawietzTitle District Engineer

Signature


Date April 30, 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

JUL 23 2007
OIL CONSERVATION DIVISION
ARTESIA

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33578		² Pool Code 96890		³ Pool Name Sage Draw; Wolfcamp East	
⁴ Property Code 32922		⁵ Property Name Lightning 24 Federal			⁶ Well Number 2
⁷ OGRID No. 20165		⁸ Operator Name Samson Resources Co.			⁹ Elevation 3231'

¹⁰ Surface Location									
UL or lot no. J	Section 24	Township 25S	Range 26E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line East	County Eddy

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION 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 Signature R. M. Burditt Printed Name 7/16/2007 Date
	¹⁸ SURVEYOR CERTIFICATION 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 Date of Survey Signature and Seal of Professional Surveyor
	Certificate Number

Rose Mary Burditt

From: Rose Mary Burditt
Sent: Thursday, July 19, 2007 5:06 PM
To: 'Arrant, Bryan, EMNRD'
Subject: FW: Lightning 24 Federal Com. # 2/API # 30-01-533578



JUL 23 2007
OCD-ARTE

Bryan:

The requested C-102 with copies is attached. Completion paperwork in the form of Form 3160-4 and Form 3160-5 was submitted to BLM for approval on or about 7-6-2007.

Rose Burditt

From: Kenneth Krawietz
Sent: Wednesday, July 11, 2007 2:01 PM
To: Rose Mary Burditt
Subject: FW: Lightning 24 Federal Com. # 2/API # 30-01-533578

From: Arrant, Bryan, EMNRD [mailto:bryan.arrant@state.nm.us]
Sent: Wednesday, July 11, 2007 11:34 AM
To: Kenneth Krawietz
Cc: Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD; John_Simitz@nm.blm.gov
Subject: Lightning 24 Federal Com. # 2/API # 30-01-533578

Dear Ken,

In regards to the above noted well, I need for you to resubmit a current C-102.

You may obtain a copy of one from our web site at: <http://www.emnrd.state.nm.us/ocd>

In addition, if you have not already sent to the BLM copies, I need for you to submit a completion report for this well as I do not see one on our web site.

Please submit the required information no later than 7/16/2007.

I cannot sign off on the C-104 (Request For Allowable and Authorization To Transport) until this matter is resolved.

Yours truly,

Bryan G. Arrant

District II Geologist

New Mexico Oil Conservation Division

1301 West Grand Ave.

Artesia, NM 88210

505-748-1283 Ext. 103

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7/19/2007