

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

96835

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Samson Resources Company

3a. Address  
200 N Loraine, Ste 1010  
Midland, TX 79701

3b. Phone No. (include area code)  
432-683-7063

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Lightning 24 Federal Com #2

9. API Well No.  
30-015-33578

10. Field and Pool or Exploratory Area  
Wolfcamp

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FSL & 1980' FEL  
Sec 24 T25S R26E

11. Country or Parish, State  
Eddy County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

12/13/2010:

POH w/ pkr.  
Dump 35' cmt on CIBP @ 10638'.  
Set CIBP @ 10080' and made two runs w/dump bailer. Witnessed by Cheryl de Montigny.  
Spot 25 sx Class H plug @ 10026'. Tag cmt @ 9134' w/bit. Drill out cmt stringers to 9806'.  
Set CIBP @ 9796', dump 35' cmt.  
GIH w/302 jts 2 3/8" tbg & SN.  
Press csg to 500#, hold 30 min. Successful test.  
MIT test witnessed by BLM rep Cheryl De Montigny on 01/03/11.  
Temporarily Abandoned.

TA APPROVED FOR 5 MONTH PERIOD  
ENDING 6-10-11

Accepted for record

NMOCD  
1/24/11

RECEIVED  
JAN 18 2011  
NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Kenneth Krawietz

Title OPERATIONS MANAGER

Signature

*[Handwritten Signature]*

Date 01/05/2011

THIS SPACE FOR FEDERAL OR STATE AGENCY USE ONLY

Approved by

Title

Office

JAN 14 2011

Date

/s/ Dustin Winkler

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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 any statement or representation to any agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

ACCEPTED FOR RECORD  
JAN 14 2011  
/s/ Dustin Winkler  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

15

**WELL NAME:** Lightning 24 Federal Com. #2  
**STATE:** NM  
**API NO:** 30-015-33578  
**TD:** 12060'  
**FIELD:** Sage Draw East  
**COUNTY:** Eddy  
**SPUD DATE:** 2/27/2005  
**PBTD:** 12016'  
**LSE#:** 037399  
**LOCATION:** 1980' FSL & 1980' FEL of 24-25S-26E  
**FORMATION:** Wolfcamp  
**ELEVATION:** 3231' GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	9.625"	J55	LTC	36.00#	0'	470'	11	12.250"		260		Surf
Inter	7.000"	N80	LTC	26.00#	0'	10030'	237	8.750"		362		Surf
Prod	4.500"	HCP110	LTC	11.60#	0'	12060'	294	6.125"		200		5884
Tbg	2.375"	L80	EUE	4.70#	0'	N/A	305					

**Remarks:**  
 5/24/05 Acdz (11,873-11,934') with 90 gals 7.5% Claysafe H acid  
 5/27/05 Acdz (11,873-11,934') with 1000 gals Claysafe H Morrow and 70,000 cfm N2  
 6/17/05 New PBTD 11816' after CIBP w/24' cmt cap  
 6/23/05 Frac (11,483-11,720') with 75,500# 18/40 ultra prop 203 tons CO2 downhole  
 6/28/05 First Sales  
 2/22/2007: (Perfs 10668'-10718') Acidize Strawn w/4000 gls 15% NEFE. Dropped 66 balls  
 3/6/2007: New PBTD @ 10638' After CIBP @ 10638'  
 3/7/2007: (Perfs 9830'-9935') Acidize Wolfcamp w/1500 gls 15% NEFE. Dropped 22 balls  
 3/12/2007: Open well to sales  
 12/13/2010: Temporarily Abandon

CAPACITIES			(bbl/ft)	(ft/bbl)	(cft/ft)
TBG:	2.375 in. 4.7#		.00387	258.65	.02171
CSG:	7 in. 26#		.03820	26.14	.21480
CSG:	4.5 in. 11.6#		.01550	64.34	.08720

VOLUME BETWEEN			(bbl/ft)	(ft/bbl)	(cft/ft)
TBGXCSG:	2.375x4.5				
TBGXCSG:					
CSGXHOLE:					
TBGXHOLE:					
TBGXHOLE:					

PERFORATION RECORD					
DATE	TOP	BTM	ZONE	STATUS	SPF
5/27/2005	11873'	11880'	Morrow	Abandoned	6
5/27/2005	11890'	11894'	Morrow	Abandoned	6
5/27/2005	11898'	11902'	Morrow	Abandoned	6
5/27/2005	11929'	11934'	Morrow	Abandoned	6
6/21/2005	11716'	11720'	Upr Mrw	Abandoned	4
6/21/2005	11645'	11649'	Upr Mrw	Abandoned	4
6/21/2005	11483'	11489'	Upr Mrw	Abandoned	4
2/21/2007	10710'	10718'	Strawn	Abandoned	2
2/21/2007	10684'	10686'	Strawn	Abandoned	2
2/21/2007	10668'	10680'	Strawn	Abandoned	2
3/6/2007	9830'	9935'	Wolfcamp	Abandoned	1

**SRC WIS:**  
**LOGS:** DLL/NGRD/GR/CAL (4/8/05)  
 DSN/NEU/GR/CAL (4/9/05)

LANDMAN:		GEOLOGIST:		R. Worthington	
P. Kerr					
TUBULAR GOODS PERFORMANCE					
Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)
9.625" J55 LTC 36#	8.921	8.765	2,020	3,520	453,000
7" N80 LTC 26#	6.276	6.151	5,410	7,240	519,000
4.5" HCP110 LTC 11.6#	4.000	3.875	8,650	10,690	279,000
2.375" L80 EUE 4.7#	1.995	1.901	15280	14970	135400
* Safety Factor Not Included					

\* Safety Factor Not Included

**PREPARED BY:** LeAnne Haskins  
**DATE:** 6/2/2005  
**Updated:** 8/10/2005 R. Burditt  
 10/26/2009 GLS

**OFFICE:** (918) 583-1791  
**FAX:** (918) 591-1702



