

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
Oil Conservation Division
220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Samson Resources Company 200 N. Loraine St., Suite 1010 Midland, TX 79701		² OGRID Number 20165	
		³ Reason for Filing Code/ Effective Date RC	
⁴ API Number 30-015-33562	⁵ Pool Name W	⁶ Pool Code 97592	
⁷ Property Code 300638	⁸ Property Name Pine Springs 2 State	⁹ Well Number 1	

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
E	2	26S	25E		1980	North	810	West	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
	Enterprise Field Services		G	2-26S-25E
	P. O. Box 4503, Houston, TX 77201			
			O	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 10/30/04	²⁶ Ready Date 2/4/2007	²⁷ TD 11900'	²⁸ PBDT 10784'	²⁹ Perforations 9823' -9971'	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17.5"	13.375"	403'	450		
12.250"	9.625"	5227'	3635		
8.875"	5.5"	11900'	1455		
Tbg	2.375"	9727'			

VI. Well Test Data

³⁵ Date New Oil N/A	³⁶ Gas Delivery Date 2/4/07	³⁷ Test Date 2/24/07	³⁸ Test Length 24	³⁹ Tbg. Pressure 680#	⁴⁰ Csg. Pressure --
⁴¹ Choke Size 24/64"	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 552	⁴⁵ AOF	⁴⁶ Test Method Flowing

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Kenneth Krawietz*
Printed name: Kenneth Krawietz

Title: District Engineer

E-mail Address: kkrwietz@samson.com

Date: 2/27/2007
Phone: (432) 683-7063

OIL CONSERVATION DIVISION

Approved by:

DRYAN
DISTRICT II GEOLOGIST

Title:

Approval Date:

MAR 06 2007

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-015-33562

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☒ DIFF.
WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

Samson Resources Company

3. Address of Operator

200 N. Loraine St, Ste. 1010

Midland, TX 79701 ATTN: R. M. Burditt

7. Lease Name or Unit Agreement Name

Pine Springs 2 State

8. Well No.

1

9. Pool name or Wildcat

Wildcat; Wolfcamp

4. Well Location

Unit Letter E : 1980 Feet From The North Line and 810 Feet From The West Line

Section 2 Township 26S Range 25E NMPM Eddy County

10. Date Spudded

10/30/04

11. Date T.D. Reached

12/29/04

12. Date Compl. (Ready to Prod.)

2/4/07

13. Elevations (DF& RKB, RT, GR, etc.)

3584 GR

14. Elev. Casinghead

15. Total Depth

11900'

16. Plug Back T.D.

10784'

17. If Multiple Compl. How Many Zones?

18. Intervals

Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

9823' - 9971' Wolfcamp

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375"	48#	403'	17.5"	450 sx	
9.625"	40#	5227'	12.25"	3635 sx	
5.5"	20#	11900'	8.875"	1455 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.375"	9727'	9712'

26. Perforation record (interval, size, and number)

11012' - 11014' 2SPF (Sqz'd Abandoned)
11000' - 11002' N/A (Sqz'd Abandoned)
10950' - 10994' N/A (Sqz'd Abandoned)
10884' - 10891' 2SPF (Cmt sqz, Re-perf, Abandon)
10814' - 10818' 2SPF (Cmt sqz, Re-perf, Abandon)
9917' - 9971' 2SPF Active
9823' - 9830' 2SPF Active

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10950'-11014'	Cmt Sqz'd w/100 sx
10814'-10891'	Cmt sqz, Re-perf, Abandon
9823'-9971'	Acidz : Pmp 2000 gal 15% NEFE, drop 24 balls

28. PRODUCTION

Date First Production

2/4/07 (Wolfcamp)

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

active

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/24/07	24	24/64"		0	552	0	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
680	--						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Kenneth Krawietz Printed Name Kenneth Krawietz Title District Engineer Date 2/28/2007

E-mail Address kkrawietz@samson.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
11770'			Lwr Morrow
11437'			Morrow Clastics
10809'			Atoka
11318'			Middle Morrow
10440'			Strawn
8268'			Wolfcamp
5151'			Bone Springs

Submit 3 Copies To Appropriate District Office
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State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33562
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pine Springs 2 State
8. Well Number 1
9. OGRID Number 20165
10. Pool name or Wildcat Wildcat; Wlfcmp

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Samson Resources Company

3. Address of Operator
200 N. Loraine St., Suite 1010, Midland, TX 79701

4. Well Location

Unit Letter E : 1980 feet from the North line and 810 feet from the West line
Section 2 Township 26S Range 25E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3584' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER Shutoff Atoka water, Test Wlfcmp ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Load hole w/produced water. Establish pump in rate and pressure.
ND tree, NU BOP, Rlse Pkr, POH.
TIH w/CR. Set CR @ 10696'. Press ann to 1000#.
Cement Atoka perfs w/approx 100 sx. Reverse out excess cement and POH.
TIH w/bit, DC's on 2 3/8" tbg. Tag @ 10,682' Drill out CR and cement and test to 1000 psi.
POH. RU WL and packoff. Re-perf Atoka (10814-10818', 10884-10891').
TIH w/pkr assembly. Spot acid across perfs. Set pkr, test ann to 1000.
ND BOP. NU tree. Acidize w/1500 gal. Swab flow test

Kill well. ND tree. NU BOP. POH w/pkr. RU WL. Set CIBP @ 10784'. Test plug to 2000# - - Good.
Perf Wolfcamp (9823'-9830', 9917'-9971'). TIH w/ pkr. Spot acid across perfs. Set pkr @ 9726'. Test ann to 1000.
Acidize Wolfcamp perfs w/2000 gal. Swab/Flow test.
TIH w/pkr. Set pkr @ 9712±. Test ann to 1000.
ND BOP. NU tree. Swab well in and test.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Ken Krawietz TITLE District Engineer DATE 2/26/2007

Type or print name Ken Krawietz E-mail address: kkrawietz@samson.com Telephone No. (432) 683-7063

For State Use Only

APPROVED BY: FOR RECORDS ONLY TITLE _____ DATE _____

Conditions of Approval (if any):

MAR 06 2007