

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Samson Resources Company 200 N. Lorraine Street, Ste 1010 Midland, TX 79701		² OGRID Number 20165
		³ API Number 30-015-24429
⁴ Property Code 9912	⁵ Property Name Loving I State	⁶ Well No. 2
⁷ Proposed Pool 1 Black River East (Wolfcamp)		⁸ Proposed Pool 2

¹ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	1	24S	27E		.990	South	2110	West	Bddy

⁸ Proposed 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
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3128
¹⁶ Multiple No	¹⁷ Proposed Depth	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 3/17/1983
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

ND tree, NU BOP
Release pkr and POH
Spot acid 10394'-10250'
RU WL and lubricator.
Set CIBP @ 12200' test and dump 35' cmt.
Perforate Wolfcamp (10310'-30', 10362'-66', 10392'-94'/52 holes).
GIH w/pkr, set @ 10200' and test to 1000.
ND BOP, NU tree
Acidz Wolfcamp (10310'-10394') w/3000 gal 7.5% NEFE.
Swab test to kickoff.
Flow test.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Ken Krawietz		Approved by:	FOR RECORDS ONLY SEP 26 2007
Title: District Engineer		Title:	
E-mail Address: kkrawietz@samson.com		Approval Date:	
Date: 2/12/2007	Phone: (432) 683-7063	Expiration Date:	
		Conditions of Approval Attached <input type="checkbox"/>	

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD
Sent: Thursday, September 27, 2007 9:27 AM
To: 'Rose Mary Burditt'
Subject: RE: Loving 1 State # 2



Thanks Rose,
I don't know why we did not have it in our system.
I'll go ahead and sign off on this for "record only" on the C-101 and sign off approved on the C-104.

Bryan G. Arrant
District II Geologist
New Mexico Oil Conservation Division
1310 West Grand Ave.
Artesia, NM 88210
505-748-1283 Ext. 103

From: Rose Mary Burditt [mailto:RBURDITT@samson.com]
Sent: Thursday, September 27, 2007 8:37 AM
To: Arrant, Bryan, EMNRD
Cc: Kenneth Krawietz
Subject: FW: Loving 1 State # 2
Importance: High

Bryan:

Attached is Samson's initial filing for the Wolfcamp and subsequent NSL-5596. Please advise if there are additional requirements.

Thanks,

Rose Burditt

From: Arrant, Bryan, EMNRD [mailto:bryan.arrant@state.nm.us]
Sent: Thursday, September 27, 2007 8:53 AM
To: Kenneth Krawietz
Cc: Sanchez, Daniel J., EMNRD; Macquesten, Gail, EMNRD; Gum, Tim, EMNRD
Subject: Loving 1 State # 2

Good Morning Ken,

I'm trying to find the approval from our office on your recompletion to the Black River Wolfcamp, East Gas pool. I do not see on our web site the approved C-101, C-102 and subsequent reports of plugging back. Please submit this information no later than 10/02/2007. I cannot approve your Request for Allowable and Authorization to Transport that has been submitted on a C-104. If you do not have an approval, please so inform so that we can decide on how to address this issue in another manner with Samson Resource Company.

Yours truly,

9/27/2007

Bryan G. Arrant

District II Geologist

New Mexico Oil Conservation Division

1301 West Grand Ave.

Artesia, NM 88210

505-748-1283 Ext. 103

CC: Well file

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9/27/2007

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-14429	² Pool Code 97442	³ Pool Name Black River East/Wolfcamp
⁴ Property Code 9912	⁵ Property Name Loving I State	⁶ Well Number 2
⁷ OGRHS No. 20165	⁸ Operator Name Samson Resources Co.	⁹ Elevation 3128' C.T.

¹⁰ Surface Location

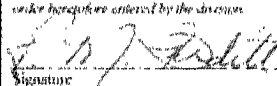
UL or lot no. N	Section 1	Township 74S	Range 27E	Lot Idn	Feet from the 990	North/South line South	Feet from the 2110	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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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 securing interest or undivided 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 without notice of such mineral or working interest, or no a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature _____ Date 2/12/07 R. M. Ibadin Printed Name
				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 _____