District 1 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

State of New Mexico **Energy Minerals and Natural Resources**

Form C-101 May 27, 2004

Oil Conservation Division 1220 South St. Francis Dr.

Submit to appropriate District Office	e
☐ AMENDED REPORT	r

District IV Santa Fe, NM 87505 1220 S St Francis Dr , Santa Fe, NM 87505 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE Operator Name and Address Samson Resources Company 200 N. Loraine Street, Ste 1010 Midland, TN 79701 **OGRID** Number API Number 30-015-24429 Property Code Property Name Well No. Loving I State "Proposed Pool 1 16 Proposed Pool 2 . Black River East (Wolfcamp) Surface Location UL or lot no. Range Feet from the Sections Louriship Lot file North South line Feet from the Fast/West line Change 248 376 our Sie bertelle 2110 Eshiy West 8 Proposed Bottom Hole Location If Different From Surface UL or lot no. Section Township Feet from the Feet from the East/West line County Additional Well Information 11 Wash Type Criste Wolf Type Code 12 Cable Retary 18 Lease Type Code 12 Cirrind Level Elevation D (i S 3128 " Schattiple is frequency Depth 14 Formation Spud Date ** f. "contribe leve No Morrow 3/17/1983 Depth to Circumdwater Distance from nearest fresh water well Distance from nearest surface water Liner: Synthetic [mils thick Pit Volume Drilling Medhed; Closed-Loop System [Fresh Water Brine Disset/Oil-based Gas/Air Proposed Casing and Cement Program Hale Size Casing Size Casing weight/foot Setting Pepth Sacks of Cement Estimated TOC Describe the proposed program. If this application is to DEEPTN 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 Acdz Wolfcamp (10310'-10394') w/3000 gal 7.5% NEFE. Swab test to kickoff. Flow test. ¹³ I hereby certify that the information given above is true and complete to the OIL CONSERVATION DIVISION best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines . a general permit . or Approved by an (attached) alternative OCD-approved plan FOR RECORDS ONLY Welled MARKEL SEP 2 6 2007 Printediumne: Ken Krawietz fitle: Little District Engineer Approval Date: E-mail Address: kkrawietz@samson.com

Conditions of Approval Attached | |

Phone: (432) 683-7063

Date: 2/12/2007

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

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

This inbound email has been scanned by the MessageLabs Email Security System.

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

Dedicated Acres

doins or Infill.

Consulidation Code

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

		W	ZELL LC	CATIO	NAND ACR	EAGE DEDIC.	ATION PLAT	I'		
API Number			Post Code	•	Post Name					
	m-015-24429			97442			Black River East; V	Vollcamp		
Property Codé		and the second	7 Property Name					Well Number		
9912			Laving 1 State					1		
OCHID Na.			Petral Est Petrol est en halla president de la colle	"Operator Name					Elevation	
20165				Samsan Resources Cu.					3128° 6,4.	
Belgik by dig big big big big big belgik gang paker bigar uglar, yang ang ang		,	*	***************************************	10 Surface I	ocation	a divisioni (miscalini di lice di lice di lice del di lice del di lice di lice di lice di lice di lice di lice	***************************************		
UL or let no.	Section	Township	Range	last tal	Fert from the	North/South line	Vert from the	East/West lin	County	
.IN	1	748	27E		990	South	2110	West	Eddy	
Antonina Antonina de Estabalida Antonina Antonina	***************************************	Section of the sectio	и вс	ttom Ho	le Location If	Different Fron	Surface	pagga yaqaanamaa uagaysaanamaabbiisalaabbi Qbilia ibi ii L	and the service of th	
VI, or lát na,	Section	fawnshy	Range	Lot Idn	feet from the	North/South line	Feet from the	East/West lin	County	

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.

Order No.

16				¹⁷ OPERATOR CERTIFICATION
				I discolor executy than the informations executioned because in some conditioning dete-
				to the heat of no knowledge and helief, and that this cognitization vision
				. comes a secretary structures or uniferent material union et en the bond include
				, the programed between hade becaused or how is right to shall they well on their
				howathers proceeding to its constituted with our em out of mode is mowered on two bangs.
				anderest in som some sultanten is besigned eiters amen en er er er andrege die die die de
1 Name 1 And 1 Name 1 Na				weather dependence arrivered by the december
				Figure 7 Falitt 2/12/01
				K. M. Dadm
				Pennsyl Name
			!	
	TERETETRATORIA TORIA CUNTURA MUNICA MANGANIA (MANGANA MANGANA MANGANA MANGANA MANGANA MANGANA MANGANA MANGANA	DEJONALIO T PROTESTANTE E FOUT AUTO TOMORE LA POLITO MOGULE VII IV.		A I A I A I A I A I A I A I A I A I A I
	all comments and the comments of the first of a facility of the first first of the standards of the first of the standards of the first of the standards of the standa	South to Little of Little of Market South South South South South South South Little South	han an an an ann a trach a sa than Tribble of saturdition design and	¹⁸ SURVEYOR CERTIFICATION
			â	I hereby certify that the well tocation shown on this
			1	plat was plotted from field notes of actual surveys
				made by me or under my supervision, and that the
		,		some is true and correct to the hest of my helief.
				was the state of the state of the state of
				Brow of Milliand In the second of the company and the company of t
The second secon	end minimized and an approximately in a construction over a fill of New Set 1 V P	gars - www.pum.n.u.r.phoronymen.monaperi.no.abbest.n.phobb.88.48.48.51.	O III the arginish we also never a season one spaces arrangement of a second one an appropriate	Plate of Survey
Fine His				Signature and Senl of Professional Surveyor
B	- >0		3	
			38	
	;			
	sun"			
				Certificate Number
Light ship to the train to the training of t	deli 190 ev la a la la la la la canana la cana	. saalinakalaan kalaan kal		of cremerate, saturates
			7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>