

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

Month - Year
APR - 3 2007
OCD - ARTESIA, NM

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. Loraine Street, Ste 1010 Midland, TX 79701		² OGRID Number 20165
		³ API Number 30-015-31133
⁵ Property Code	⁴ Property Name Adobe Flat 18D State Com	⁶ Well No. 1
⁹ Proposed Pool 1 Catchlaw Draw (Strawn)		¹⁰ Proposed Pool 2 Hackberry Hills; Canyon

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	21S	26E		660	North	660	West	Eddy

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

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3264
¹⁶ Multiple No	¹⁷ Proposed Depth 10722	¹⁸ Formation Morrow	¹⁹ Contractor Key Energy	²⁰ Spud Date 6/21/2000
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: _____ bbs Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input checked="" 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
	13.375	48	493'	Set	
	8.625	32	2100'	Set	
7.875	4.50	11.6	10722'	400	8500'

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.

Recomplete to Strawn:

ND Tree. NU BOP 5k. Release packer and POH.
Set CIBP @ 10358'. Test to 1000 psi. Dump 35' cement cap.
Perf Strawn @ 8874' - 9638'.
Go in hole with packer. Set packer @ 8770'.
ND BOP. NU tree. Acidize Strawn (8874' - 9638') w/4500 gal 15%.
Swab test.
Upper Penn. Strawn
If not commercial, P&A.
No H2S.

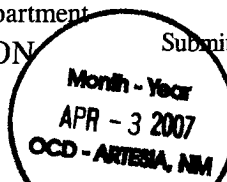
Work Only DHC Permit Required to Produce

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: BRYAN G. ARRANT	
Title: District Engineer		Title: DISTRICT II GEOLOGIST	
E-mail Address: kkrwietz@samson.com		Approval Date: APR 04 2007 Expiration Date: APR 04 2008	
Date: 3/31/2007	Phone: (432) 683-7063	Conditions of Approval Attached <input type="checkbox"/>	

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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 30-015-31133		² Pool Code 74400		³ Pool Name Catclaw Draw (Strawn) East	
⁴ Property Code 25856		⁵ Property Name ADOBE FLAT 18D STATE COM			⁶ Well Number 1
⁷ OGRID No. 20165		⁸ Operator Name Samson Resources Co.			⁹ Elevation 3264'

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
D	18	21S	26E		660	North	660	West	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.

	¹⁷ OPERATOR CERTIFICATION <i>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.</i> Signature _____ Date _____ R. M. Burditt March 31, 2007 Printed Name _____			
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>			
	Date of Survey _____ Signature and Seal of Professional Surveyor: _____			
	Certificate Number _____			



Centennial Tower
200 N. Loraine, Suite 1010
Midland, TX 79701
USA
432/683-7063
Fax 432/683-6847



April 2, 2007

State of New Mexico
District II
1301 W. Grand Avenue
Artesia, NM 88210

RE: Adobe Flat 18D State Com #1
API: 30-015-31133
Application for Permit to Recomplete in Strawn

Dear Sir or Madam:

This correspondence is sent in application for permit to plugback and test the Strawn in the above referenced well.

Enclosed are the following:

Form C-101 (original and 4 copies)
Form C-102 (original and 4 copies)

This information was also faxed on 4/2/2007 in order to expedite the approval process due to rig availability.

If you have further questions, please contact the engineer on this project, Mr. Ken Krawietz, (432) 683-7063.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. M. Burditt'.
R. M. Burditt
Sr. Engineering Tech