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

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

1220 S. St. Ft		,		r to di		Fe, NM			DITICRA	CK OD	ADD A ZONE	
APPLICATION FOR PERMIT TO DRILL, RE- Operator Name and Address Samson Resources Company 200 N. Loraine Street, Ste 1010							, DE	יוער	OGRID Number 20165 3 API Number			
Midland, TX 79701							30-025-27999					
	5 67:)			Property				-		Well No.	
- 3	1010	<u> </u>	9 Proposed Pool 1		State D	,v			10 Prope	osed Pool 2	1	
			na Ridge East (Mor	rrow)					San Simon No		camp)	
					⁷ Surface	Location						
UL or lot no.	UL or lot no. Section Township Range		Range	Lot Idn Feet fro		om the North/South line		Feet from the	East/West li	ine County >		
L	L 34 21S 35E			198			South 660		West	West Lea		
			⁸ Prope	osed Botte	om Hole Loca	tion If Di	fferent	From S	Surface			
UL or lot no.	Section	Township	Range	Lot I	dn Feet fro	om the	North/South line Feet from		Feet from the	East/West li	ine County	
	l			Ad	lditional We	ll Infor	mation	 1				
11 Work	Type Code		12 Well Type Co			le/Rotary 14 Lease Type Code 15 Ground Level Elevation						
i	E		G				S		3691			
II.	lultiple No		¹⁷ Proposed De 12700	¹⁷ Proposed Depth 12700		¹⁸ Formation Morrow			¹⁹ Contractor		²⁰ Spud Date 1/28/1983	
Depth to Grou	undwater			Distance	e from nearest fres	sh water we	h water well Distance from nearest surface water					
	: Synthetic		mils thick Clay	☐ Pit V	olume:bbl	k		ing <u>Meth</u> h Water		eel/Oil-hased	Gas/Air	
Close	-1200p 3ys	item [_]	2	1 Propos	sed Casing a	nd Cem				oscir On based	July July 1	
Uola S	lize	C	asing Size		g weight/foot	Setting Depth Sacks of Cement Estimated TOC						
Hole Size C		sing Size Casing w		s weight foot	ight foot Setting Dept			Sacra of Commit		Dominated 1 e e		
-									<u> </u>			
22 - 11	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 zone zone zone zone zone zone zon											
Drill out p Test csg & Drill out C Drill out C GIH w/pki N BOP, N Swab well Evaluate fo	lug @ 55 c sqz'd pe cIBP @ 10 cIBP @ 15 c and set p U tree. in and flo or depleti	88' and ' rfs @ 10 0600' an 2250' okr @ 12 ow test. on and s	7859' 280-360' to 50 d 11900'. 270' timulation. (R	00 psi. Re e-entry P	e-sqz Bone Sp Procedure Con	oring perf	fs if neo	cessary	**************************************		32425. 3282128	
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						OIL CONSERVATION DIVISION						
constructed	according	to NMOC	D guidelines 🔲, oproved plan 🔲.	a general p	permit [], or	Approve	ed by:		land			
Printed name: Ken Krawietz Haus Newer 4/24/06						Title: PETROLEUM ENGINEER						
Title: District Engineer						Approval Date: Expiration Date:						
E-mail Address: kkrawietz@samson.com					MAY 0 8 2006							
Date: 4/19/2006 Phone: (432) 683-7063						Conditions of Approval Attached						

STATE DV #1

Reenter and Test Morrow

Procedure (cont.)

If frac is recommended, Frac Morrow 12558-66 w/20000 gal 70Q foam and 15000# 20/40 ISP. If Morrow is commercial, set blanking plug in lower profile nipple.

ND tree. NU BOP. Release on off tool and POH.

GIH w/ RBP and treating pkr

Squeeze Atoka perfs 12050-58 w/ approx 100 sx

Drill out squeeze.

Test squeeze to 500.

Retrieve RBP

GIH w/ 2 3/8 x 2 7/8" tubing with hydrostatic packer placed at 10770'.

Latch on off tool.

Set hydrostatic pkr @ 10770.

ND BOP. NU tree.

Note: If Morrow is not commercial, set CIBP's w/ 35' cmt cap @ 12250 and 11900.	Wolfcamp
completion will be attempted. H2S not present.	

State of New Mexico

DISTRICT I

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2006

Submit to Appropriate District Office

State Lease - 4 Contes

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NO. 80210

OIL CONSERVATION DIVISION

hary h 20m 5/2/06

12641

Date Surveyed

Signature & Scal of Professional Surveyor

Certificate No. GARY EIDSON

* Just 9510

Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot Idn Peet from the North/South line Feet from the East/Weet line Consolidated Acree Joint or Infill Consolidation Code Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATE OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I harreby cartily that the information or unlessed mineral interest in the in including the proposed bottom below for or variance and complete to the he organization with the proposed bottom below for the contract with a court of or exching language and the first of the sentiment procling agreement on the first of the sentiment procling agreement on the plant of the court of the court of the sentiment of the first of the sentiment of the first of the sentiment of the proposed for the restrict with the proposed for the sentiment of the process of the procline of the sentiment of the process of the p	DISTRICT III	kd., Aztec, N	M 87410				FRANCIS DR. Mexico 87505		Pee Leas	e - 3 Copies
Property Code Property Code STATE DV STATE DV CORIU No. CORIU CORIU No. CORIU CORI		DEL, SANTA PR.	MM 87505	WELL LO	CATION	AND ACRE	AGE DEDICATI	ION PLAT	☐ AMEND	ED REPORT
Property Rame 35 L 2 STATE DV 1 ORID No. ORID No. ORID No. OPERATOR SAMSON RESOURCES SAMSON RESOURCES SUrface Location UL or lot No. Section Township Range Lot Ida Feet from the North/South line Feet from the Reat/West line C WEST Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line C WEST Bottom Hole Location If Different From Surface UL or lot No. Section Township Range Lot Ida Feet from the North/South line Feet from the East/West line C WEST NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATE OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION of the surface of the surface of the surface of such military or working the or submitted proposed bottom hate for the surface of such military or working the or the surface of su	API Number						Prama Rid	(a.) Es	6.1.	
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I hareby certify that the information of the proposed of the proposed of the proposed better to the let of the proposed better to a relate to the little will like will location pursuant to a contract with a owner of such mineral or vertical rate or to a relate to the little and the proposed better to the proposed better to the proposed better to the proposed better to the figure of the proposed better to the pro		Joint o	r infill Co	nsolidation (Code Or	der No.				
Surveyor Certification I hereby certify that the informal herein is true and complete to the beauty knowledge and belief, and that this or unlessed mineral interest in the tent in cruding the proposed bottom hole to are has a right to drill this well at this location pursuant to a contract with a owner of such mineral or working into a computary pooling arriverment of computary pooling arriverment of computary pooling arriverment of the division. Surveyor Certification Printed Name	NO ALLO	WABLE W	TILL BE AS	SSIGNED '	FO THIS	COMPLETION IIT HAS BEEN	UNTIL ALL INTER APPROVED BY	RESTS HAVE BE THE DIVISION	EEN CONSOLIDA	ATED
GEODETIC COORDINATES NAD 2 NME Above on this plot was plotted from the notes of actual surveys made by me of under my supervision, and that the sail tree and correct to the best of my being the notes of actual surveys made by me of under my supervision, and that the sail tree and correct to the best of my being the notes of the best of my being the notes of the best of my being the notes of the notes of the best of my being the notes of the notes of the best of my being the notes of the notes								bereby berein is true my knowledge organization sii or unlessed mi including the p or has a right location pursus owner of such or to a volunta compulsory poo by the division. Signature Printed Name	certify that the inf and complete to the and belief, and the ther owns a warking increase in the composed bottom boil to drill this will at the contract with mineral or working ary pooling agreementing order heretoford	ormation be best of this interest be incation this interest, or a centered
10NC = 103 RE1401: W	560'0		t.	NAD 27 Y=5227 X=7998 AT =32.43	NME 19.9 N 73.7 E 13515 N			I hereby above on this notes of octual under my super true and correct APR	certify that the wall plot was plotted froi surveys made by m vision, and that the t to the best of my	iocetion m field

LAT.=32*26*00.65** N LONG.=103*21*41.04** W

State of New Mexico

DISTRICT I

Energy, Minerals and Natural Resources Department

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION DISTRICT III

1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies
Fee Lease - 3 Copies

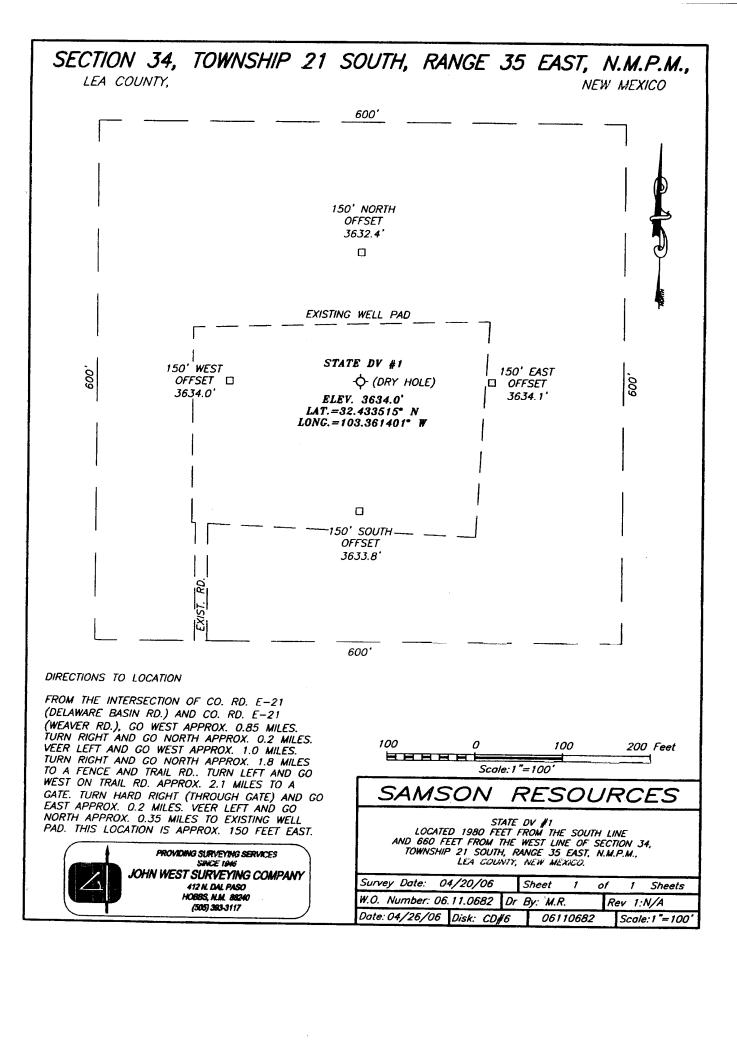
660

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT 1220 S. ST. FRANCES DR., SANTA FR, NM 67506 ☐ AMENDED REPORT API Number Pool Code ldcaf 30-025-27999 Camp Well Number WO Property Code Property Name 95672 STATE DV 1 OGRID No. Operator Nam Elevation SAMSON RESOURCES 3634 Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the Bast/West line County L 34 21-S 35-E 1980 SOUTH

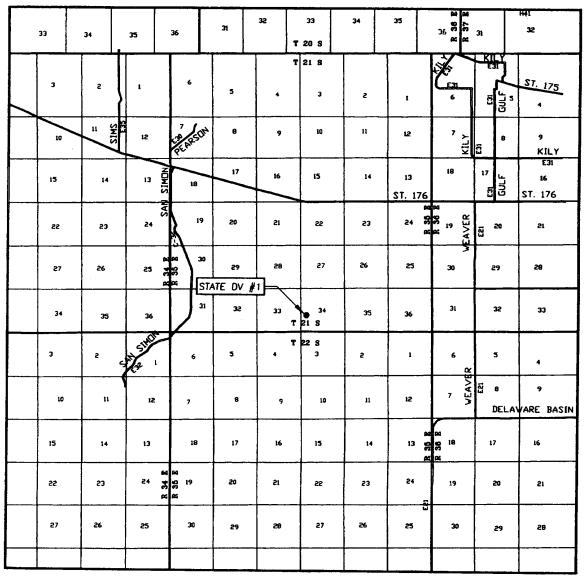
WEST **LEA** Bottom Hole Location If Different From Surface UL or lot No. Lot Idn Township Feet from the North/South line Range Feet from the East/West line County Dedicated Acres Joint or Infill Consolidation Code Order No. 32*0*

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

OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a woluntary pooling agreement or a computary pooling order heretofore entered by the division. 5/4/06 SURVEYOR CERTIFICATION GEODETIC COORDINATES NAD 27 NME i hereby certify that the well location above 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. Y=522790.9 N X=799873.7 E 660 LAT.=32.433515° N APRIL 20, 2006 LONG. = 103.361401° W Date Surveyed Signature & Scal of Professional Surveyor LAT. = 32'26'00.65" N LONG.=103°21'41.04" Ming h 20m 5/2/06 Certificate No. GARY EMSON 12841

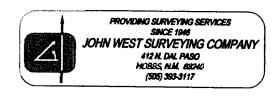


VICINITY MAP



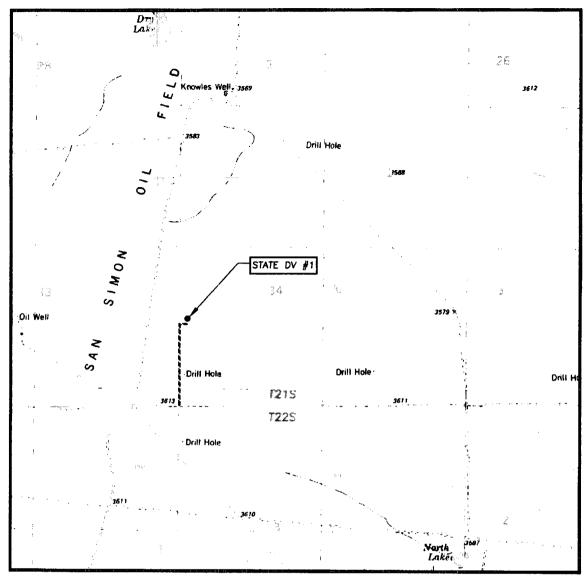
SCALE: 1" = 2 MILES

SEC. 34 TWP. 21-S RGE. 35-E							
SURVEYN.M.P.M.							
COUNTY LEA STATE NEW MEXICO							
DESCRIPTION 1980' FSL & 660' FWL							
ELEVATION 3634'							
OPERATOR SAMSON RESOURCES							
LEASE STATE DV							





LOCATION VERIFICATION MAP



SCALE: 1'' = 2000'

CONTOUR INTERVAL: OIL CENTER, N.M. - 10'

SEC. 34 TWP. 21-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

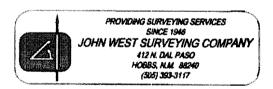
DESCRIPTION 1980' FSL & 660' FWL

ELEVATION 3634'

OPERATOR SAMSON RESOURCES

LEASE STATE DV

U.S.G.S. TOPOGRAPHIC MAP
OIL CENTER, N.M.



Submit 3 Copies To Appropriate District	Ctata a S.Nama Marria	F C 102			
Office	State of New Mexico	Form C-103 May 27, 2004			
District I 1625 N. French Dr., Hobbs, NM 88240	nergy, Minerals and Natural Resources	WELL API NO.			
District II	OIL CONSERVATION DIVISION	30-025-27999			
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Francis Dr.	5. Indicate Type of Lease			
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE S FEE			
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	6. State Oil & Gas Lease No.				
87505	ND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name			
(DO NOT USE THIS FORM FOR PROPOSALS TO DIFFERENT RESERVOIR. USE "APPLICATION	DRILL OR TO DEEPEN OR PLUG BACK TO A	State DV			
PROPOSALS.)	ell 🛛 Other	8. Well Number			
2. Name of Operator		9. OGRID Number			
Samson Resour	rces Company	20165 10. Pool name or Wildcat			
3. Address of Operator 200 N. Loraine: Midlan	Street, Ste 1010 d, TX 79701	10. Pool name or wildcar			
4. Well Location					
Unit Letter L : 1980_fee	et from the South line and 660 fee	from the <u>West</u> line			
Section 34	Township 21S Range 35E	NMPM Lea County			
11. E	levation (Show whether DR, RKB, RT, GR, etc 3634' GR				
Pit or Below-grade Tank Application or Closur	₽ □				
Pit typeDepth to Groundwater	Distance from nearest fresh water wellDis	stance from nearest surface water			
Pit Liner Thickness: mil Bel	ow-Grade Tank: Volume bbis; C	Construction Material			
12. Check Approp	oriate Box to Indicate Nature of Notice,	Report or Other Data			
• • •		-			
NOTICE OF INTENT		BSEQUENT REPORT OF: RK □ ALTERING CASING □			
<u>=</u>	_ ,	RILLING OPNS. P AND A			
	TIPLE COMPL CASING/CEMEN	_			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_			
OTHER: Use above-ground steel tanks in					
		nd give pertinent dates, including estimated date ttach wellbore diagram of proposed completion			
State DV #1 re-entry operations will utilize	ahove-ground steel tanks				
otate by all re-entry operations will attrize	above ground steet mines				
I hereby certify that the information above i grade tank has been/will be constructed of closed as	s true and complete to the best of my knowled coording to NMOCD guidelines , a general permit	ge and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .			
SIGNATURE Your Viani	TITLE: District Engineer	DATE 5/5/2006			
Type or print name Ken Krawietz	E-mail address: kkrawietz@samson.co				
For State Use Only	ر ا	Adam			
A DDD OVED DV.	ORIGINAL SIGNED BY	DATE MAY 0 8 2006			
APPROVED BY:	PAUITEEKAUTZ	DATEDATE			

APPROVED BY: PAUTTE KAUTZ
Conditions of Approval (if any): PETROLEUM ENGINEER

Sent: Mon 5/8/2006 11:16 AM

The sender of this message has requested a read receipt. Click here to send a receipt.

Mull, Donna, EMNRD

From:

Phillips, Dorothy, EMNRD

To:

Mull, Donna, EMNRD

Cc:

Subject: Attachments:

ct: RE: Financial Assurance Requirement

Apache still has bonds pending on a change of operator that have not been submitted for shut-in wells they are acquiring. All the rest have blanket bonds and do not appear on Jane's list.

From: Mull, Donna, EMNRD

Sent: Monday, May 08, 2006 9:15 AM

To: Phillips, Dorothy, EMNRD

Cc: Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD

Subject: Financial Assurance Requirement

Dorothy.

Is the Financial Assurance Requirement for these Operators OK?

Samson Resources Co (20165) Apache Corp (873) Devon Energy Production Co LP (6137) Marbob Energy Corp (14049) BC Operating Inc (160825)

Please let me know. Thanks and have a nice day. Donna