## RECEIVED

1 Form 3160-5 DEC 3 0 2008 (August 2007)

5 DEC 3 0 2008 UNITED STATES
DEPARTMENT OF THE INTERIOR
LICERSOGUREAU OF LAND MANAGEMENT

OCD-HOBBS FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	Zinpineer tary	_
5. Lease Serial No.	M063	ĺ

HODDOORER	EAU OF EAUD MAIN	S. Deuse Seiner A.J. M. () 6.	3 /	
Do not use this f	IOTICES AND REPO form for proposals to Use Form 3160-3 (AF		Name	
	T IN TRIPLICATE – Other i	7. If Unit of CA/Agreement, 1	Name and/or No.	
1. Type of Well				
Oil Well Gas W	Vell Other			11-20-34 #7
2. Name of Operator Samson Resources Company	/		9 API Well No. 30-025	5-36300
3a. Address		de) 10. Field and Pool or Explora  Lea. Del	tory Area aware NE	
200 N I oraine, STF 1010, Midland, TX 79701		432-686-6337	11. Country or Parish, State	A Extragraphysical control of the second con
4. Location of Well (Footage, Sec., T., L Unit Letter D 330' FNL and 330' FWL Section 11			Lea Count	ty, NM
12. CHEC	CK THE APPROPRIATE BOX	K(ES) TO INDICATE NATURI	OF NOTICE, REPORT OR OTHER DA	TA
TYPE OF SUBMISSION			PE OF ACTION	
	Acidize	Deepen	Production (Start/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other
Final Abandonment Notice	Change Plans Convert to Injection	✓ Plug and Abandon ☐ Plug Back	☐ Temporarily Abandon ☐ Water Disposal	
the proposal is to deepen directions Attach the Bond under which the w	ally or recomplete horizontally	<ul> <li>give subsurface locations and</li> <li>gide the Bond No. on file with E</li> </ul>	d starting date of any proposed work and a measured and true vertical depths of all pe EM/BIA. Required subsequent reports many or recompletion in a new interval, a Foundation	rtinent markers and zones.  ust be filed within 30 days
testing has been completed. Final determined that the site is ready for Load hole. ND tree. NU 3K BOP. RIS TAC and POH. GIH w/ bit. DC's on resident tbg. Drill out CR @ 4117'. GIH to PBD 5480'. — CTBP Circ hole w/ 9.5 ppg mud. POH w/ bit. GIH w/ resident tbg open ended. Spot 100' cmt plugs @ following der 5029' – 4929'. Tag plug. / 500' – 3490'. 3770 – 3456' – 1559'. Tag plug. / 865' – 1559'. Tag plug. / 865' – 492'. MD BOP. Cut off wellheads. Install P & A marker.	Abandonment Notices must be refinal inspection.)  The princes of the princes of the content of t	To per 1000  Specific. Top of	SEE ATTACH CONDITIONS  Latly) add 15' DB a  FRA + 35' and (DB)  FRA + 35' and (DB)  FRA + 35' and (DB)	ED FOR OF APPROVAL  Spot 2 S sk.
testing has been completed. Final determined that the site is ready for Load hole. ND tree. NU 3K BOP. RIS TAC and POH. GIH w/ bit. DC's on resident tbg. Drill out CR @ 4117'. GIH to PBD 5480'. — CTBP Circ hole w/ 9.5 ppg mud. POH w/ bit. GIH w/ resident tbg open ended. Spot 100' cmt plugs @ following der 5029' – 4929'. Tag plug. /509'-3490'. 3770-3456'-3490'. 3770-3456'-492'. 60' – 0'. ND BOP. Cut off wellheads. Install P & A marker.	Abandonment Notices must be refinal inspection.)  The princes of the princes of the content of t	To per 1000  Specific. Top of	SEE ATTACH CONDITIONS  AND Edd 15' DB o	ED FOR OF APPROVAL  Spot 2 S sk.
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testing has been completed. Final determined that the site is ready for Load hole. ND tree. NU 3K BOP. RIS TAC and POH. GIH w/ bit. DC's on resident tbg. Drill out CR @ 4117'. GIH to PBD 5480'. — CTBP Circ hole w/ 9.5 ppg mud. POH w/ bit. GIH w/ resident tbg open ended. Spot 100' cmt plugs @ following der 5029' – 4929'. Tag plug. \$5029' – 4929'. Tag plug. \$5029' – 492'. 60' – 0'. ND BOP. Cut off wellheads. Install P & A marker.  14. I hereby certify that the foregoing is to Kenny Krawietz  Approved by  Conditions of approval, if any, are attached that the applicant holds legal or equitable tentile the applicant to conduct operations.	Abandonment Notices must be refinal inspection.)  This space of this notice does it to those rights in the subject thereon.	Title District E  Date 12/12/20  FOR FEDERAL OR ST  Title clease which would office	SEE ATTACH CONDITIONS  ATE OFFICE USE  SEE ATTACH CONDITIONS  APPENDITIONS  Date  JAM	ED FOR OF APPROVAL Spot 2 S Sk.  Within 50' Tap Tag.  C 2 0 2008  JES A. AMOS

fictitious or fraudulent statements or representations as to any matter within its jurisdiction (Instructions on page 2)

1 1	1111	1   1   1   1   1   1   1   1   1   1	WELL NAME	E.	Federal 11-20-3	1 #7		FIELD:	1 02		1054	025620			
			STATE:					COUNTY:				11-20S-34F			
			API NO:					UD DATE:		1	LOCATION 330 FNL & 330 FWL of 11-20S-34E FORMATION: Delaware				
		;	TD:		6310'				6143' WL		ELEVATION				
	IIII	TOC@ 427				PIPE REC	ORD				}		S HOLE DATA		
1-1	1   1		CSG	OD	GRADE	THD	WT/FT	TOP	втм	# JTS	BIT SIZE	DEPTH		wr.	700
		1	Surf	13 375"	J55	втс	54 50#	0.	1609	36	17 500°	DEFIN	1275	VV 1.	Surf
					11014.55										
			Inter	8 625"	HCK-55	LTC	32 00#	0,	4979'	111	11 000"		1140		427
			Prod	5 500*	L80	LTC	17 00#	0'	6310	145	7 875"		235		4330'
											Squeeze	4200'	500		Surf
.			Tbg	2 875*	J55	EUE	6 50#	0,	3424' .	107			<u> L</u>	<u> </u>	
			Sea Comme	nts Box For Re	marks Prior to 1	0/15/03	•				CSG COLLA	RS		ELM/GRM	
■  .		· 13 375* @1609*	10/15/03:	Set PU			į			,	ļ				
		Ì	12/4/03:	Change pump							CAPACITIES	<del></del> _	(bbl/ft)	(ft/bbl)	(cf/ft)
}	MM	.]	7/16/04:	Set CIBP@579	0° to try to reduce	water, new p	oump				TBG 2875	n 65#	00579	172 76	03250
			10/04/06 - 10	0/25/06: POOH	w/rods and tbg	Set CIBP @	5500' and du	np 20° cmt	on top Test ca	sing	CSG 55 in	17#	02320	43 01	13050
		, 3500-3510			expires 1/8/2008)										
		3710-3720	1 :		s @ 4200' Set C	•	-			_					
+	NAME OF THE PARTY	DV lool @ 3758'	i		20') Acdz w/1000	gals 15% Fe	ercheck SC, d	ropping 10	balls every 2 bl	ols	VOLUME BE		(bbl/ft)	(ft/bbl)	(cf/ft)
- 1.		실	}	Ball out w/40 b					_	_	TBGxCSG	2 875x5 5	01520	65 7 1	08540
,	1	Sqz @ 4200'			20') Frac w/82,44	) gais & 110	,600# of 20/40	J & 12/20 F	remium Brown	Sand	TBGxCSG				3
.   .		. TOC @4330		staged from 1#	to 5#/gal						CSGxHQLE				
i											TBGxHOLE				
.	1			Tag sand fill @ 3957							TBGxHOLE /				
. ], ,	[	ſ									PERFORATI	ON RECOR	D		
A		: 8 625 @4979°		···							DATE	TOP	ВТМ	ZONE	STATUS
•	1 1		SRC WI%:		100%	Tubing Deta 02' Bully	ul as of 4/14/20	008.		l	9/22/2003	5980'	6000,	. Delaware	Abandon
	1														Abandon
			LOGS:	Triple Combo o	n 8/29/03	65 14' 2 3				4.	,9/30/2003	5886'	5896'	Delaware	7.00/100//
;'		•	LOGS:	Triple Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf	s 2-7/8" tbg Sub				9/30/2003	5886' 5824'	5896' 5834'	Delaware Delaware	Abandon
; ,			LOGS:	Triple Combo o	n 8/29/03	65 14' 2 ji 4 00' Peri 1 10' API	s 2-7/8" tbg Sub SN				i '	l		l .	i .
17	7	· ·	LOGS:	Triple Cambo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC	s 2-7/8" tbg Sub SN i jts 2-7/8" tbg				9/30/2003	5824'	5834'	Delaware	Abandon
,		· •.	LOGS:	Tnple Cambo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC	s 2-7/8" tbg Sub SN 1 jts 2-7/8" tbg				9/30/2003 10/7/2003	5824' 5526'	5834' 5536'	Delaware Delaware	Abandon Abandon
:' :		· •.	LOGS:	Tnple Cambo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' 5	s 2-7/8" tbg Sub SN 3 jts 2-7/8" tbg 2 jts 2-7/8" tbg				9/30/2003 10/7/2003 3/31/2008	5824' 5526' 3710'	5834' 5536' 3720'	Delaware Delaware Yates	Abandon Abandon Open
; ·		**	LOGS:	Tnple Cambo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' 5	s 2-7/8" tbg Sub SN 1 jts 2-7/8" tbg 2 jts 2-7/8" tbg 2 jts 2-7/8" tbj				9/30/2003 10/7/2003 3/31/2008	5824' 5526' 3710'	5834' 5536' 3720'	Delaware Delaware Yates	Abandon Abandon Open
;;		· · · · · · · · · · · · · · · · · · ·	LOGS:	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN 1 jts 2-7/8" tbg 2 jts 2-7/8" tbg 2 jts 2-7/8" tbj				9/30/2003 10/7/2003 3/31/2008	5824' 5526' 3710'	5834' 5536' 3720'	Delaware Delaware Yates	Abandon Abandon Open
;;		· ·	LANDMAN:	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN 1 jts 2-7/8" tbg 2 jts 2-7/8" tbg 2 jts 2-7/8" tbj				9/30/2003 10/7/2003 3/31/2008 3/31/2008	5824' 5526' 3710' 3500'	5834' 5536' 3720' 3510'	Delaware Delaware Yates	Abandon Abandon Open
نی			LANDMAN:	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN 1 jts 2-7/8" tbg 2 jts 2-7/8" tbg 2 jts 2-7/8" tbj		1	UBULAR	9/30/2003 10/7/2003 3/31/2008 3/31/2008 GEOLOGIST GOODS P	5824' 5526' 3710' 3500'	5834' 5536' 3720' 3510'	Delaware Delaware Yates Yates	Abandon Abandon Open Open
	Name of the state		LANDMAN:	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN 1 jts 2-7/8" tbg 2 jts 2-7/8" tbg 2 jts 2-7/8" tbj		· · · · · · · · · · · · · · · · · · ·		9/30/2003 10/7/2003 3/31/2008 3/31/2008	5824' 5526' 3710' 3500'	5834' 5536' 3720' 3510'	Delaware Delaware Yates	Abandon Abandon Open
: '	No.	5526-36' (Delawar 'CIBP @ 5790'	LANDMAN: D' cmt on top	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" thg Sub SN Jts 2-7/8" thg 15s 2-7/8" thg 12 Jts 2-7/8" thg 07 RKB 40 EOT	3	· · · · · · · · · · · · · · · · · · ·		9/30/2003 10/7/2003 3/31/2008 3/31/2008 GEOLOGIST GOODS P	5624' 5526' 3710' 3500'	5834' 5536' 3720' 3510'	Delaware Delaware Yates Yates Yates	Abandon Abandon Open Open Open
: '	Manage Ma	5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub Sub SN Jts 2-7/8" tbg 2 jts 2-7/8" tbg 2 jts 2-7/8" tbg 0 TRKB 40 EOT	BTC 54 5#			9/30/2003 10/7/2003 3/31/2008 3/31/2008 GEOLOGIST GOODS P	5624' 5526' 3710' 3500' : : : : : : : : : : : : :	5834' 5536' 3720' 3510' NCE Collapse* (psl)	Delaware Delaware Yates Yates Yates Burst* (psi)	Abandon Abandon Open Open Tensile* (lbs)
	The state of the s	5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" thg Sub Sub SiN Jus 2-7/8" thg 1 ts 2-7/8" thg 2 Jus 2-7/8" thg 40 Or RKB 40 EOT  Material 13 376" J55	BTC 54 5#			9/30/2003 10/7/2003 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615	5824' 5526' 3710' 3500' ===================================	5834' 5536' 3720' 3510'  NCE Collapse* (psl) 1,130 3,930	Delaware Delaware Yates Yates  Burst* (psi) 2,730 3,930	Abandon Abandon Open Open Tensile* (Ibs) 809,000
	Manage Ma	5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" thg Sub Sub SiN Jus 2-7/8" thg Jus 2-7/8" thg 12 Jus 2-7/8" thg 70 PKB 40 EOT  Material 13 376" J55	BTC 54 5#			9/30/2003 10/7/2003 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (in)	5824' 5526' 3710' 3500' : : :ERFORMAN Drift (In)	5834' 5536' 3720' 3510'  NCE Collapse* (psl) 1,130	Delaware Delaware Yates Yates Yates Burst* (psi) 2,730	Abandon Abandon Open Open Tensile* ((bs) 909,000
	unaum.	5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN Jis 2-7/8" tbg 1 jts 2-7/8" tbg 22 jts 2-7/8" tbg 40 0' RKB 40 EOT  Material 13 376" J55 1 8 625" HCK- 5 5" L80 LTC 2 875" J55 E	BTC 54 5# 55 LTC 324 17# UE 6 5#	,		9/30/2003 10/7/2003 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615	5824' 5526' 3710' 3500' ===================================	5834' 5536' 3720' 3510'  NCE Collapse* (psl) 1,130 3,930	Delaware Delaware Yates Yates  Burst* (psi) 2,730 3,930	Abandon Abandon Open Open Tensile* (Ibs) 809,000
	Manual Ma	5526-36' (Delawari 'CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari 5980-6000' (Delaw	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" thg Sub SN Jts 2-7/8" thg Lts 2-7/8" thg Cts 2-7/8" thg Cts 2-7/8" thg Cts 2-7/8" thg A40 Of RKB A40 FOT  Material 13 376" J55"  8 625" HCK- 5 5" L80 LTC	BTC 54 5# 55 LTC 324 17# UE 6 5#	ded	UBULAR	9/30/2003 10/7/2003 3/31/2008 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615 7 921 4 892	5824' 5526' 3710' 3500' : : :ERFORMAN Drift (In) 12 459 7 796 4 767	5834' 5536' 3720' 3510'  **CE  **Collapse** (psi) 1,130 3,930 6,290	Delaware Delaware Yates Yates Yates  Burst* (psl) 2,730 3,930 7,740	Abandon Abandon Open Open Tensile* (Ibs) 809,000 556,000
	Manual Talli.	5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari 5980-6000' (Delaw '   PBTD @ 6143' WL *FC@4218'	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN Jis 2-7/8" tbg 1 jts 2-7/8" tbg 22 jts 2-7/8" tbg 40 0' RKB 40 EOT  Material 13 376" J55 1 8 625" HCK- 5 5" L80 LTC 2 875" J55 E	BTC 54 5# 55 LTC 324 17# UE 6 5#	,	UBULAR	9/30/2003 10/7/2003 3/31/2008 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615 7 921 4 892	5824' 5526' 3710' 3500' : : :ERFORMAN Drift (In) 12 459 7 796 4 767	5834' 5536' 3720' 3510'  **CE  **Collapse** (psi) 1,130 3,930 6,290	Delaware Delaware Yates Yates Yates  Burst* (psl) 2,730 3,930 7,740	Abandon Abandon Open Open Tensile* (Ibs) 809,000 556,000
	non-non-non-non-non-non-non-non-non-non	5526-36' (Delawari 'CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari 5980-6000' (Delaw	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" tbg Sub SN Jis 2-7/8" tbg 1 jts 2-7/8" tbg 22 jts 2-7/8" tbg 40 0' RKB 40 EOT  Material 13 376" J55 1 8 625" HCK- 5 5" L80 LTC 2 875" J55 E	BTC 54 5# 55 LTC 324 17# UE 6 5#	ded	UBULAR	9/30/2003 10/7/2003 3/31/2008 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615 7 921 4 892	5824' 5526' 3710' 3500' : : :ERFORMAN Drift (In) 12 459 7 796 4 767	5834' 5536' 3720' 3510'  **CE  **Collapse** (psi) 1,130 3,930 6,290	Delaware Delaware Yates Yates Yates  Burst* (psl) 2,730 3,930 7,740	Abandon Abandon Open Open Tensile* (Ibs) 809,000 556,000
		5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari 5980-6000' (Delawari PBTD @ 6143' WL FC@@18' FS@6310'	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" thg Sub SN J Is 2-7/8" thg I Is 2-7/8" thg C Is 2-7/8	BTC 54 5# 55 LTC 324 17# UE 6 5# or Not Inch	ded	UBULAR	9/30/2003 10/7/2003 3/31/2008 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615 7 921 4 892	5824' 5526' 3710' 3500' 5ERFORMAN Drift (In) 12 459 7 796 4 767 2 347	5834' 5536' 3720' 3510'  NCE Collapse' (psi) 1,130 3,930 6,290 7,680	Delaware Delaware Yates Yates  Burst* (pst) 2,730 3,930 7,740 7,260	Abandon Abandon Open Open Tensile* (Ibs) 809,000 556,000
	TD 6310	5526-36' (Delawari CIBP @ 5790' 5824-34' (Delawari 5886-96' (Delawari 5980-6000' (Delawari PBTD @ 6143' WL FC@@18' FS@6310'	LANDMAN: D' cmt on top e)	Tople Combo o	n 8/29/03	65 14' 2 ji 4 00' Perf 1 10' API 415 01' 13 4 00' TAC 2910 95' !	s 2-7/8" thg Sub SN J Is 2-7/8" thg I Is 2-7/8" thg C Is 2-7/8	BTC 54 5# 55 LTC 32# 17# UE 6 5# or Not Inclu	ded	UBULAR	9/30/2003 10/7/2003 3/31/2008 3/31/2008 3/31/2008 GEOLOGIST GOODS P ID (In) 12 615 7 921 4 892	5824' 5526' 3710' 3500'  ERFORMAN Drift (In) 12 459 7 796 4 767 2 347	5834' 5536' 3720' 3510'  **CE  **Collapse** (psi) 1,130 3,930 6,290	Delaware Delaware Yates Yates Yates  Burst* (pst) 2,730 3,930 7,740 7,260	Abandon Abandon Open Open Tensile* (Ibs) 809,000 556,000

Updated: 7/19/04 LH 6/4/2008 RB

After P+A

- 1	Omt plug @ 60' - Surface	WELL NAM	Æ:	Federal 11-20-34	#7		FIELD:	Lea			025620			
- 1	1 1.	STATE		NM			COUNTY:			LOCATION:		30 FWL of 1	I-20S-34E	
1		API NO:		30-025-36300		SP	UD DATE:			FORMATION.				
1		TD:		6310"			PBTD:	6143' WL		ELEVATION:				
1	1   1	<u> </u>			PIPE REC	ORD			<del>,</del>	<u> </u>		HOLE DATA		
- 1	. 'Toc @ 427'	CSG	OD	GRADE	THD	WT/FT	TOP	BTM	#JTS	BIT SIZE	DEPTH	SX	WT.	TOC
	Cml plug @ 592'-492'	Surf	13 375"	J55	втс	54 50#	0,	1609'	36	17 500°		1275		Surf
		Inter	8 625"	HCK-55	LTC	32 00#	0'	4979'	111	11 000*		1140		427'
		Prod	5 500*	L <b>80</b>	LTC	17 00#	0'	6310	145	7 875"	4200'	235 500		4330' Surf
										Squeeze	4200	300		Sun
		Tbg	<u> </u>		<u> </u>		<u> </u>	<u> </u>	L			Ll		L
	Cmt plug @ 1659'-1559'	See Comm	ents Box For R	emarks Prior to 1	D/15/03					CSG COLLA	RS		ELM/GRM	
.	13 375" @1609"	10/15/03	Set PU											
• 1		12/4/03:	Change pump							CAPACITIES	<u> </u>	(bbl/ft)	(ft/bbl)	(cf/ft)
1	1.	7/16/04	Set CIBP@579	90' to try to reduce	water, new	pump				1				
٠. ا	*Crnt plug @ 3500"-3400"	10/04/06 - 1	10/25/06: POOF	w/rods and tog	Set CIBP @	5500' and d	ump 20' çır	t on top Test o	casing					
1	13500-3510	TAW	Vell (TA approva	expires 1/8/2008)										
· [	3710'-3720'	3/25/08:	Perf 4 sqz hole	s@ 4200' Set Cl	R @ 4117'	Cmt 5 5* cs	ann w/500	sx Curc cmt						
		4/1/08:	(Perfs 3500'-3)	720') Acdz w/1000	gais 15% F	ercheck SC,	dropping 10	balls every 2 t	obls	VOLUME BE	TWEEN	(bbl/ft)	(ft/bbl)	(cf/ft)
ĺ	, ] .	1	Ball out w/40 !							TBGxCSG				
牙	Sqz @ 4200	4/7/08	(Perfs 3500'-3)	720') Frac w/82,446	gals & 110	0,600# of 20/	40 & 12/20	Premium Brown	n Sand	TBGxCSG				
-	!TOC @4330	1	staged from 1#	to 5#/gal						CSGxHOLE	1			
l	1.									TBGWHOLE				
l	1 .	ļ	Tag sand fill @	3957						TBOXHOLE				
1			Plug and aban	don						PERFORATI	ON RECORE	)		
	8 525 @4979			_						DATE	TOP	втм	ZONE	STATU
		SRC WI%:		100%						9/22/2003	5980	6000.	Delaware	Abando
	,	LOGS.	Tnple Combo	on 8/29/03						9/30/2003	5886'	5896'	Delaware	Abando
1		-		ŀ						9/30/2003	5824'	5834'	Delaware	Abando
J					ļ					10/7/2003	5526'	5536"	Delaware	Abando
	Cmt plug @ 5029'-4929'									3/31/2008	3710'	3720°	Yates	Abando
	, , , , ,									3/31/2008	3500'	3510'	Yates	Abando
ı										il .				
		-			}						}			
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	i				<u></u>					GEOLOGIST	<u> </u>	L	L	L
$\geq \leq$	ξ,	LANDMAN	<u>4:</u>			,			TUBULAR			NCE		
	CIBP @ 5500' w/20' cmt o	in top				<b>—</b> —				ID	Drift	Collapse*	Burst*	Tensile
	5520-30 (Delaware)		i			Material				(in)	(in)	(psi)	(psi)	(lbs)
	CIBP @ 5790					13 375° J5	5 BTC 54 5	#		12 615	12 459	1,130	2,730	909,00
$\sim$	5824-34' (Delaware)				-					1	1	1		1
	5886-96' (Delaware)					8 625" HC	K-55 LTC 3	2#		7 921	7 796	3,930	3,930	556,00
	l l					5 5" L80 L	TC 17#			4 892	4 767	6,290	7,740	338,00
	5980-6000' (Delaware)					1				2 441	2 347	7,680	7,260	99,66
	5980-6000' (Delaware)					- #						1		1
	, , , , , , , , , , , , , , , , , , ,					1	ctor Not In	cluded		<u> </u>			<u> </u>	
	5980-6000' (Delaware) . :PBTO @ 6143' WL . FC@6218'					1						<u></u>		
<b>\</b>	;PBTD @ 6143' WL FC@6218'			,		1		5,1(0						
<b>\\\</b>	;PBTD @ 6143'WL FC@6218' FS@6310'					1							<u>                                     </u>	
	;PBTD @ 6143' WL FC@6218'					* Safety Fa		5.4.(1) 5.4.(1)				1		
TD 5310°	;PBTD @ 6143'WL FC@6218' FS@6310'				· ·	* Safety Fa	PARED BY	5,1(0	ins		OFFICE	; (918) 583-1 ; (918) 591-1		

or were the

// v	101115	SALT SECTIONS TOP
HOLE SIZE 17/2"	1/1//// 6 60-0	EAST
TOC 427	11/1/1/3 592-9	192 RILL 0/4
, , ,		CAVE/KARST LOW
		SPEL WATER Law
54.5 #		TOC SURF SUIF 427
CASING SIZE 133/8 J.55	5 // 1/1/ (A) woc	INT 427 PROD Surf
TD 1609'	1845	PROD Surf
HOLESIZE 11"	////	
		FORMATIONS Yetes 3486
	(3) (3)	200er perts 7R 3828
		770-3450 Ox 4628 OUC Tag SA 5150
32 **		7.17/
CASING SIZE 85/8 55	K Suct. C	330, SQ TO <u>Vel</u> 34/6 3-20-08)
TD 4979	- 100 spot	725 SX Min Tag (150' plug)
HOLE CIZE 77/8"		
		<ul> <li>An analysis of the larger principles and deleter the real transfer and the larger principles and the larger p</li></ul>
•		•
•		
-nt	1777 Spot 25	5500 + 20° cm 1.
17	CTBP C	JT
CASING SIZE 5/2	L.80 P	ERFORATIONS 5526-6000
TD 4310		Del (2°
		3500 - 3720
•		4200 SQ.P.FS

## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the  $90^{\rm th}$  day provide this office, prior to the  $90^{\rm th}$  day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Dry Hole Marker</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.