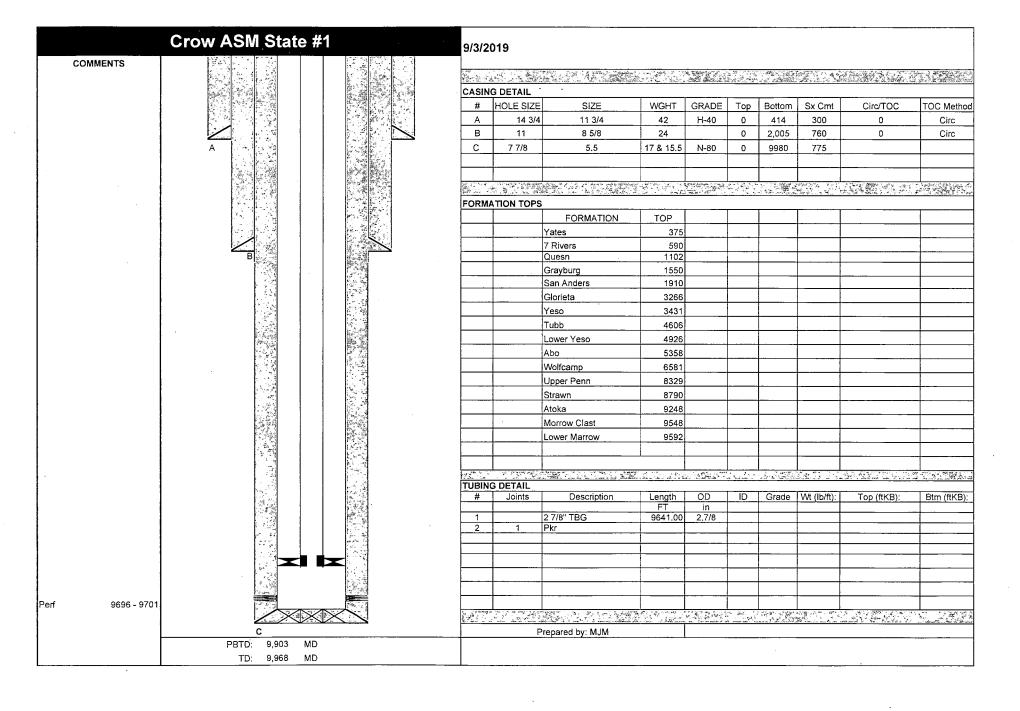
ť	Submit 1 Copy To Appropriate District Office	State of New Mexico Energy, Minerals and Natural Res	ourges		Form C-103 Revised July 18, 2013			
	<u>District I</u> (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> (575) 748-1283	OIL CONSERVATION DIVIS	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	WELL API NO. 30-015-30166				
	811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178	1220 South St. Francis Dr		5. Indicate Type of Least STATE	ase FEE			
	1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460	Santa Fe, NM 87505	(6. State Oil & Gas Lea				
	1220 S. St. Francis Dr., Santa Fe, NM 87505		7	V-4129				
	(DO NOT USE THIS FORM FOR PROP DIFFERENT RESERVOIR. USE "APPL	FICES AND REPORTS ON WELLS OSALS TO DRILL OR TO DEEPEN OR PLUG BACK JCATION FOR PERMIT" (FORM C-101) FOR SUCH	TO A	7. Lease Name or Unit Crow ASM State Com B. Well Number				
	PROPOSALS.) 1. Type of Well: Oil Well	Gas Well 🔀 Other						
	2. Name of Operator EOG Resources, Inc.		,	O. OGRID Number				
	3. Address of Operator 104 South Fourth Street, Artesia,	NM 88210		 Pool name or Wild Crow Flats; Atoka 	lcat			
	4. Well Location Unit Letter N:	660 feet from the South line	and 22	10 feet from the	West line			
	Unit Letter N: Section 32	660 feet from the South line Township 16S Range	and 23 28E N	NMPM Eddy	West line County			
	Section 32	11. Elevation (Show whether DR, RKB, F		NOTE DOING	County			
		3621' GR						
	12. Check	Appropriate Box to Indicate Nature of	of Notice, Re	eport or Other Data	1			
		,		•				
	PERFORM REMEDIAL WORK	NTENTION TO: } PLUG AND ABANDON ⊠ REME	DIAL WORK	SEQUENT REPORT OF: ALTERING CASING				
	TEMPORARILY ABANDON	CHANGE PLANS COMM		ING OPNS 🔲 P AN	ND A			
	PULL OR ALTER CASING DOWNHOLE COMMINGLE		IG/CEMENT J	OB L				
		1	•					
	CLOSED-LOOP SYSTEM							
	CLOSED-LOOP SYSTEM COTHER:	□ OTHE						
	OTHER: 13. Describe proposed or com	pleted operations. (Clearly state all pertinent	details, and g					
	OTHER: 13. Describe proposed or com of starting any proposed v proposed completion or re	OTHE pleted operations. (Clearly state all pertinent vork). SEE RULE 19.15.7.14 NMAC. For N	details, and g					
	OTHER: 13. Describe proposed or com of starting any proposed v proposed completion or re 1. JSA	OTHE OTHE OTHE OTHER OTH	t details, and g Aultiple Comp	letions: Attach wellbo	ore diagram of			
	OTHER: 13. Describe proposed or com of starting any proposed v proposed completion or re 1. JSA 2. MIRU WOR 3. NU Rod BOP	oTHE pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Necompletion.	t details, and gulliple Comp	letions: Attach wellbo				
	OTHER: 13. Describe proposed or com of starting any proposed v proposed completion or re 1. JSA 2. MIRU WOR 3. NU Rod BOP	OTHE pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Maccompletion.	t details, and g Aultiple Comp 24 ths . pric wk done.	letions: Attach wellbo	ore diagram of			
	OTHER: 13. Describe proposed or come of starting any proposed was proposed completion or result. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing for the starting and pump.	OTHE pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Maccompletion. Cany We have a control of the contr	t details, and g Aultiple Comp 24 ths . pric wk done.	letions: Attach wellbo	ore diagram of			
	OTHER: 13. Describe proposed or come of starting any proposed was proposed completion or results. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing. 7. Run Casing scraper, Gauge ring. Plug as follows Q. T. 22.0.0	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Necompletion.	t details, and g Aultiple Comp 24 ths . pric wk done.	letions: Attach wellbo	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or come of starting any proposed was proposed completion or results. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing. 7. Run Casing scraper, Gauge ring. Plug as follows Q. T. 22.0.0	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Necompletion.	t details, and g Aultiple Comp 24 ths . pric wk done.	letions: Attach wellbo	ore diagram of			
	OTHER: 13. Describe proposed or come of starting any proposed or proposed or proposed or completion or respectively. It is a starting and pump. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs 6. POOH with tubing for the proposed or completion or respectively. It is a starting and pump. 7. Run Casing scraper, Gauge ring Plug as follows for the proposed or completion or respectively. It is a starting and pump. Set CIBP at 9646 ft with 35 ft of C Spot a 25 SX (213 ft) CLS H ceme	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Not completion. C	details, and galliple Compared this price will plug This will plug	eletions: Attach wellbook to to Solutions Solu	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or come of starting any proposed or proposed or proposed or completion or responsed to proposed completion or responsed to proposed completion or response of the starting and pump. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs 6. POOH with tubing for the starting and pump. 7. Run Casing scraper, Gauge ring Plug as follows for the starting are graped as follows for the starting are graped as follows for the starting are graped as follows for the starting any proposed or completion or response as follows.	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Not completion. Completion. Cary Work	t details, and galliple Compared this price will plug This will plug This will plug	ethe Morrow. The Morrow. The Atoka.	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or come of starting any proposed or proposed or proposed or completion or responsed to proposed completion or responsed to proposed completion or response of the proposed completion or response or response of the proposed completion or response or r	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For New completion. C	details, and gaultiple Compared this compared this constant the constant of the constant the constant of the c	the Morrow. the Atoka. the Stawn. the Upper Penn.	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or comof starting any proposed was proposed completion or results. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing. 7. Run Casing scraper, Gauge ring. Plug as follows 2 7200 Set CIBP at 9646 ft with 35 ft of C. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme.	OTHE pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Necompletion. CESP 9520-35'CLI with Junk Basket to top perf LS H on top. — Woc & Tag Plug. nt plug 9385 ft - 9598 ft. WOC & Tag Plug. nt plug 9085 ft - 9298 ft. WOC & Tag Plug. nt plug 8627 ft - 8840 ft. WOC & Tag Plug. nt plug 8166 ft - 8379 ft. WOC & Tag Plug. nt plug 6418 ft - 6631 ft. WOC & Tag Plug.	t details, and gand gand gand gand gand gand gand	the Morrow. the Atoka. the Stawn. the Upper Penn. the Wolfcamp.	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or comos of starting any proposed or proposed or completion or results. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing for the string of	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Necompletion. Completion. CEGP 9520 - 35' CLI with Junk Basket to top perf LS H on top. — Woc & Tag Plug. nt plug 9385 ft - 9598 ft. WOC & Tag Plug. nt plug 9085 ft - 9298 ft. WOC & Tag Plug. nt plug 8627 ft - 8840 ft. WOC & Tag Plug. nt plug 8166 ft - 8379 ft. WOC & Tag Plug. nt plug 6418 ft - 6631 ft. WOC & Tag Plug. nt plug 5170 ft - 5408 ft. WOC & Tag Plug.	details, and galliple Compared this . price with done. This will plug	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo.	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or come of starting any proposed or proposed or proposed or completion or responsed to proposed completion or responsed to proposed completion or response of the proposed completion of t	otherwork). SEE RULE 19.15.7.14 NMAC. For Novembers of the completion. Carry We with Junk Basket to top perf LS H on top. — Woc & Tag Plug. Int plug 9385 ft - 9598 ft. WOC & Tag Plug. Int plug 8627 ft - 8840 ft. WOC & Tag Plug. Int plug 8166 ft - 8379 ft. WOC & Tag Plug. Int plug 8418 ft - 6631 ft. WOC & Tag Plug. Int plug 6418 ft - 6631 ft. WOC & Tag Plug. Int plug 1770 ft - 5408 ft. WOC & Tag Plug. Int plug 4738 ft - 4976 ft. WOC & Tag Plug. Int plug 4738 ft - 4976 ft. WOC & Tag Plug. Int plug 4418 ft - 4656 ft. WOC & Tag Plug. Int plug 4418 ft - 4656 ft. WOC & Tag Plug. Int plug 4418 ft - 4656 ft. WOC & Tag Plug. Int plug 4418 ft - 4656 ft. WOC & Tag Plug.	details, and gaultiple Compared the compared	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo. the Lower yeso. the Tubb.	RECEVED SEP 0 4 2019			
	OTHER: 13. Describe proposed or comof starting any proposed with proposed with the proposed of completion or response to the proposed completion of the proposed	otherwork). SEE RULE 19.15.7.14 NMAC. For New York). SEE RULE 19.15.7.14 NMAC. For New York). SEE RULE 19.15.7.14 NMAC. For New York of the work of th	This will plug	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Wolfcamp. the Lower yeso. the Tubb. the Yeso & Glorieta.	RECEVED SEP 0 4 2019 STILARTESIAO.C.D.			
	OTHER: 13. Describe proposed or comof starting any proposed with proposed with the proposed of completion or response to the proposed completion of the proposed	otherwork). SEE RULE 19.15.7.14 NMAC. For New ork). SEE RULE 19.15.7.14 NMAC. For New ompletion. Can be completed operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For New ork of the completion. Can be completed on the complete of the complete	This will plug	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Wolfcamp. the Lower yeso. the Tubb. the Yeso & Glorieta.	RECEIVED SEP 0 4 2019 STILARTESIAO.C.D.			
	OTHER: 13. Describe proposed or comon of starting any proposed or proposed or proposed or completion or responsed completion or responsed completion or responsed completion or response of the completion of of the	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For New completion. C	This will plug	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo. the Lower yeso. the Tubb. the Yeso & Glorieta. ug 1812 ft - 2050 ft. W	TILARTESIAO.C.D.			
	OTHER: 13. Describe proposed or comon of starting any proposed was proposed or completion or restance. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing for the string and pump. 7. Run Casing scraper, Gauge ring Plug as follows for the string and pump. Set CIBP at 9646 ft with 35 ft of C Spot a 25 SX (213 ft) CLS H ceme Spot a 25 SX (213 ft) CLS H ceme Spot a 25 SX (213 ft) CLS H ceme Spot a 25 SX (213 ft) CLS H ceme Spot a 25 SX (213 ft) CLS H ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Spot a 25 SX (238 ft) CLS C ceme Perforate at 2050 ft. Attempt to est This will plug the 8.625 inch casing Spot a 25 SX (238 ft) CLS C ceme	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For Necompletion. Completion. Com	This will plug	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo. the Lower yeso. the Tubb. the Yeso & Glorieta. ug 1812 ft - 2050 ft. W	TIFARTESIAO.C.D.			
	OTHER: 13. Describe proposed or comon of starting any proposed or proposed or proposed or completion or results. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing. 7. Run Casing scraper, Gauge ring. Plug as follows 2. 72.00 Set CIBP at 9646 ft with 35 ft of C. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (238 ft) CLS C ceme. Spot a 25 SX (238 ft) CL	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For New completion. C	This will plug this w	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo. the Lower yeso. the Tubb. the Yeso & Glorieta. ug 1812 ft - 2050 ft. We the Queens and 7 River the Yates.	TECENED SEP 0 4 2019 STIFARTESIAO.C.D.			
	OTHER: 13. Describe proposed or comon of starting any proposed was proposed or completion or restanting any proposed was proposed completion or restanting and pump. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing for the string and pump. 7. Run Casing scraper, Gauge ring Plug as follows for the string for the strin	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For New completion. Completion. CESP 9520-35' CLI with Junk Basket to top perf LS H on top. — WOC & Tag Plug. nt plug 9385 ft - 9598 ft. WOC & Tag Plug. nt plug 9085 ft - 9298 ft. WOC & Tag Plug. nt plug 8627 ft - 8840 ft. WOC & Tag Plug. nt plug 8166 ft - 8379 ft. WOC & Tag Plug. nt plug 6418 ft - 6631 ft. WOC & Tag Plug. nt plug 5170 ft - 5408 ft. WOC & Tag Plug. nt plug 4738 ft - 4976 ft. WOC & Tag Plug. nt plug 4418 ft - 4656 ft. WOC & Tag Plug. nt plug 3243 ft - 3481 ft. WOC & Tag Plug. nt plug 3243 ft - 3481 ft. WOC & Tag Plug. nt plug 1362 ft - 1600 ft. WOC & Tag Plug. nt plug 1362 ft - 1600 ft. WOC & Tag Plug. nt plug 914 ft - 1152 ft. WOC & Tag Plug. nt plug 187 ft - 425 ft. WOC & Tag Plug. nt plug 187 ft - 425 ft. WOC & Tag Plug.	This will plug this w	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo. the Lower yeso. the Tubb. the Yeso & Glorieta. ug 1812 ft - 2050 ft. We the Queens and 7 River the Yates.	TECENED SEP 0 4 2019 STIFARTESIAO.C.D.			
	OTHER: 13. Describe proposed or comof starting any proposed with proposed with proposed with a starting and proposed with a starting and proposed with a starting and pump. 1. JSA 2. MIRU WOR 3. NU Rod BOP 4. TOOH w/ Rod String and pump. 5. ND Tree/NU BOPs. 6. POOH with tubing for the starting and pump. 7. Run Casing scraper, Gauge ring Plug as follows for the starting for the starting and pump. Set CIBP at 9646 ft with 35 ft of C Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (213 ft) CLS H ceme. Spot a 25 SX (238 ft) CLS C ceme. Spot	other pleted operations. (Clearly state all pertinent work). SEE RULE 19.15.7.14 NMAC. For New completion. Carry We with Junk Basket to top perf LS H on top. — Woc & Tag Plug. Int plug 9385 ft - 9598 ft. WOC & Tag Plug. Int plug 8627 ft - 8840 ft. WOC & Tag Plug. Int plug 8166 ft - 8379 ft. WOC & Tag Plug. Int plug 8418 ft - 6631 ft. WOC & Tag Plug. Int plug 6418 ft - 6631 ft. WOC & Tag Plug. Int plug 4738 ft - 4976 ft. WOC & Tag Plug. Int plug 4738 ft - 4976 ft. WOC & Tag Plug. Int plug 4418 ft - 4656 ft. WOC & Tag Plug. Int plug 3243 ft - 3481 ft. WOC & Tag Plug. Int plug 3243 ft - 3481 ft. WOC & Tag Plug. Int plug 1362 ft - 1600 ft. WOC & Tag Plug. Int plug 1362 ft - 1600 ft. WOC & Tag Plug. Int plug 1362 ft - 1600 ft. WOC & Tag Plug. Int plug 1362 ft - 152 ft. WOC & Tag Plug. Int plug 147 ft - 425 ft. WOC & Tag Plug. The plug 147 ft - 425 ft. WOC & Tag Plug.	This will plug This w	the Morrow. the Atoka. the Stawn. the Wolfcamp. the Abo. the Lower yeso. the Tubb. the Yeso & Glorieta. ug 1812 ft - 2050 ft. We the Queens and 7 River the Yates.	FECENED SEP 0 4 2019 STILARTESIAO.C.D.			

X

Spud Date:		Rig Release D	Pate:		
I hereby certif	fy that the information above is true ar	nd complete to the l	pest of my knowledge ar	nd helief	
SIGNATURE		-	egulatory Specialist	DATE <u>September</u>	er 04, 2019
Type or print For State Use	•	E-mail address:	jeremy_haass@eogreso	urces.com PH	ONE: <u>575-748-4311</u>
APPROVED Conditions of	BY: Approval (if any):	TITLE 5 7	tak my-	DATE	9/5/19

	Crow ASM S				9/3/2	019								
COMMENTS		NE POSSESS		Plug 15	Charles of the	A The Branch			F 14 CB0	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		"35" (Bark) 3	4- 21-11-11-11-11-11-11-11-11-11-11-11-11-1	
1	# [Q]			13		G DETAIL	what the least to a top th	L'untricati	2 - 12 145	22.	m. a.t. 2 5.	Tasa.	.X.lifla I.J.flik.i.	PACCAMENT II.T
1		MALIPOS SANDA		14	#	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottom	Cu Cout	City/TOO	TOOMAN
1			以制度的	14		14 3/4		42		0		Sx Cmt	Circ/TOC	TOC Method
1		j			A B	14 3/4	8 5/8	24	H-40	0	414	300	0	Circ
1		XIII PERSONAL		.	C	 		+	11.00		2,005	760		Circ
	^	<u> </u>		13	L	7 7/8	5.5	17 & 15.5	N-80	0	9980	775		
								 						
		AND RESIDENCE OF THE PARTY OF T		12	100000	 数字型の子変数			Bear Continued	- CR. 196				
		Mark Comment		12		ATION TOPS	the second secon	The second second	and the second	the state of the s	ede Lia ariar s	totaliti i tita	San Destant v dbar haans	h Labara vi 198 i seta
	59 6.	3			FURMA	TION TOPS	FORMATION	TOP			T			
1					-		Yates	375						
				11	-		7 Rivers	590						
	B			11	-	 	Quesn	1102						
	1.2		ĿΜ				Grayburg	1550						
			3 2				San Anders	1910						
	l : : : : : : : : : : : : : : : : : : :	22.00.55ERSONERIUM.		10			Glorieta	3266						
	. *	(*) (4)	*				Yeso	3431			<u></u>			
	**************************************						Tubb	4606						
	.	200 Property		9			Lower Yeso	4926						
		ĝ	ر داران د				Abo	5358						
							Wolfcamp	6581						
				8	L		Upper Penn	8329						
	3.5		125				Strawn	8790						
	4.5	4	\$				Atoka	9248						
	2.4	die Dansen.	影 菊	7			Morrow Clast	9548						
	F.J.	3					Lower Marrow	9592						
		A.	24.1		L	<u> </u>								
		DELETE AND		6			MARKATE PE				in Tip		ine e iva	own bill
					Plugs #	Sx	CMT Class	Тор	ВТМ		Doco	ription		
	P. (2)						9646 ft with 35 ft of CLS		I DIM I		Desc	праоп		
		NAME OF THE PARTY	# 1	5	2	Spot a 25 S	X (213 ft) CLS H cement	plug 9385 ft	- 9598 ft. V	VOC & 1	rag Plug.	This will plu	g the Morrow.	
		3			3	Spot a 25 S	X (213 ft) CLS H cement X (213 ft) CLS H cement	plug 9085 ft	- 9298 ft, V	VOC & 7	ag Plug.	This will plu	g the Atoka.	
			la di		5	Spot a 25 S	X (213 ft) CLS H cement	plug 8166 ft	- 8379 ft. V	VOC & 1	rag Plug.	This will plu	ig the Upper Penn.	
		HEPETERS.	Y E	4	6	Spot a 25 SX	X (213 ft) CLS H cement	plug 6418 ft	- 6631 ft, V	VOC & 1	ag Plug.	This will plu	ig the Wolfcamp.	
1		4	5 .51		7 8	Spot a 25 S	X (238 ft) CLS C cement X (238 ft) CLS C cement	plug 5170 ft	- 5408 ft. V	VOC & 1	ag Plug.	וות Inis will plu This will ווים	ig the Abo.	
	8	DEPOSITATION.	5 3		9	Spot a 25 S	X (238 ft) CLS C cement	plug 4418 ft	- 4656 ft. V	VOC & 1	ag Plug.	This will plu	g the Tubb.	
1		220.20.20.20.20.20.		3	10		X (238 ft) CLS C cement							
1					11		2050 ft. Attempt to estab vill plug the 8.625 inch ca		tion, Spot a	25 SX ((238 ft) CL	S C cemen	t plug 1812 ft - 2050	off. WOC & Tag
1				2	12		X (238 ft) CLS C cement		- 1600 ft. V	VOC & 1	Tag Plug.	This will plu	g the Grayburg.	
1		AND THE RESIDENCE OF THE PARTY			13	Spot a 25 S	X (238 ft) CLS C cement	plug 914 ft -	1152 ft. W	OC & Ta	ag Plug. T	his will plug	the Queens and 7	Rivers
1		-			14		X (238 ft) CLS C cement							
	1 27	NEFTZOLDANOS	200		15	Spot a 10 S	X (95 ft) CLS C cement p	olug 0 ft - 95	ft. WOC &	Tag Plu	g. This wil	I plug the T	op.	
				1	<u> </u>									
Perf 9696 - 9701					1	and the second s				1980 20 11	Table of the Table Table	The side and V		
			Cat A			** · · · · · · · · · · · · · · · · · ·		\$4.).	u fur di		A. L. A. L. W.	o in Asia taka dise		
C Prepared by: MJM								_						
	,	,903 MD			1									
L	TD: 9	,968 MD	_											

`



CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work.

- 1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs.
- 2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- 3. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- 5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
- 6. If the well is not plugged within 1
- 7. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 8. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 9. Produced water will not be used during any part of the plugging operation.
- 10. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 11. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 12. Class 'C' cement will be used above 7500 feet.
- 13. Class 'H' cement will be used below 7500 feet.
- 14. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- 15. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing

- 16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - 1) Glorieta
 - J) Yates.
 - K) Potash--- (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- 21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)