1625 N. French D	r , Hobbs, NM 6	8240	State of New Mexico BBS OCDEnergy Minerals and Natural Resources Oil Conservation Division							Form C-101
Phone: (575) 393- District_11	6161 Fax: (575	) 393-0720	00 ans	<b>D</b> Energy	Minerals a	und Natu	ral Reso	urces		Revised July 18, 2013
811 S. First St., A Phone: (575) 748-	nesia, NM 8821 1283 Fax: (575)	0 748-9 420	DDO -	. (	Dil Conserv	vation D	ivision		/	MA P/
1000 Rio Brazos I	Road, Aztec, NA	1 87410	UL 1 7 201	3	220 South					MIN P/S SURP P
Phone: (505) 334- <u>District IV</u> 1220 S. St. Francé		334-6170 J		cn <sup>1</sup>					•	
Phone: (505) 476-		476-3462	ECEIV	EV	Santa Fe	e, NM 87	505			
A TOTOT T	~ • • • • • •									AZONE
APPLI	CATIO	NFOR	Operator Name a	Ind Address	KE-ENIE	LR, DEI	LPEN, P	LUGBACI	- OGRID Number	AZUNE
COG Operating LLC 2208 West Main Street									229137	
			Artesia, NM 88210			30-02			API Number	
* Property Code 314402			<sup>2</sup> Property Na Coachman F			ime			* Well No 14H	
<b>·</b>					rface Locati	ion				••
UL - Lot	Section	Township	Range	Loi Ida	Feet from	N/S	Line	Feet From	E/W Line	County
D	21	255	35E		219	No	rth	1194	West	Lea
UL - Lot	Section	Township	Proposed Bo Range	ttom Hole Lo Lot Idn	Feet from	N/S	line	Feet From	E/W Line	County
M	21	255	35E		200	Sou		580	West	Lea
	£ 1	<b>_</b>		• Pa	ol Informati	<u> </u>				
					N			1	100	Pool Code
Wildcat: Bone S	pring		WC-D	2 <b>5</b> _E-	<u>66 7:</u>	2535	340,	DONE	JPAno	17088
	<b>u</b>	<b>.</b>	_	Addition	al Well Info		·		•	<u></u>
" Work Type New Well			<sup>12</sup> Well Type <sup>13</sup> Cable/Ro Oil			otary 14 Lease Type Fee			<sup>13</sup> Ground Level Elevation 3238.7'	
<sup>16</sup> Muhiple N			<sup>7</sup> Proposed Depth <sup>18</sup> Format 15750' Bone Sp			ion <sup>19</sup> Contractor			<sup>20</sup> Spud Date 08/18/2018	
					om nearest fresh water well			Distance to nearest surface water		
We will be	using a close	ed-loop syste	m in lieu of lined		• • • •					
=			<sup>21.</sup> Proposed Casing and							
	Type Hole Size				Casing Weight/ft		Setting Depth		ement	Estimated TOC
Surface	Surface 17.5		13.375		54.5		900'			0,
Intrnd I 12,25		76 I	9.625 40							
		-25	9.625	40		5330	)'	1200	)	0'
Production	8,	75	5.5	17		1575	0'	1200 2000		0° 4800'
	• •	75	5.5 Casin	17 g/Cement Pre		1575 itional Co	o <sup>,</sup> mments	2000	)	4800'
Drill 17-1/2 12-1/4" hol	" hole to - e to ~5,33	75 -900' w/ fre 30' with Bri	5.5 Casin esh water spuc ne mud. Run S	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP	3-3/8" 54.5# L80 casing t	1575 Itional Co J55 BTC to TD and	o <sup>,</sup> mments casing to cement to	2000 TD and ceme surface in or	nt to surface in e stage. Drill 8	4800'
Drill 17-1/2 12-1/4" hol	" hole to - e to ~5,33	75 -900' w/ fre 30' with Bri	5.5 Casin esh water spuc ne mud. Run S with CBW. R	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17#	3-3/8" 54.5# L80 casing to P110 LTC c	1575 Itional Co J55 BTC to TD and asing to T	or mments casing to cement to D and cen	2000 TD and ceme surface in or	nt to surface in	4800'
Drill 17-1/2 12-1/4" hol	" hole to - e to ~5,33 & lateral	75 -900' w/ fre 30' with Bri	5.5 Casin esh water spuc ne mud. Run S with CBW. R 22	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and asing to T ntion Pro	o <sup>,</sup> mments casing to cement to D and cer gram	2000 TD and ceme surface in or nent to 4,800	nt to surface in e stage. Drill & in one stage.	4800' n one stage. Drill 9-3/4" vertical
Drill 17-1/2 12-1/4" hol	" hole to - e to ~5,33 & lateral Type	75 -900' w/ fre 30' with Bri	5.5 Casin esh water spuc ne mud. Run S with CBW. R 22	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and asing to T ntion Pro	or mments casing to cement to D and cer gram Test Pressur	2000 TD and ceme surface in or nent to 4,800	int to surface in e stage. Drill & in one stage. Man	4800' n one stage. Drill 3-3/4" vertical
Drill 17-1/2 12-1/4" hol	" hole to - e to ~5,33 & lateral	75 -900' w/ fre 30' with Bri	5.5 Casin esh water spuc ne mud. Run S with CBW. R 22	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and asing to T ntion Pro	o <sup>,</sup> mments casing to cement to D and cer gram	2000 TD and ceme surface in or nent to 4,800	int to surface in e stage. Drill & in one stage. Man	4800' n one stage. Drill 9-3/4" vertical
Drill 17-1/2 12-1/4" hol hole, curve	" hole to - e to5,33 & lateral Type Annular	-900' w/ fre 80' with Bri to 15,750'	5.5 Casin esh water spuc ne mud. Run 9 with CBW. R	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and asing to T ntion Pro	or mments casing to cement to D and cer gram Test Pressur 3000	2000 TD and ceme surface in or nent to 4,800	nt to surface in le stage. Drill & in one stage. Man Ca	4800' n one stage. Drill J-3/4" vertical ufacturer imeron
Drill 17-1/2 12-1/4" hol hole, curve	" hole to - e to -5,33 & lateral Type Annular entify that the	-900' w/ fre 80' with Brit to 15,750' e information d belief.	5.5 Casin esh water spuc ne mud. Run S with CBW. R 22 v	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and asing to T ntion Pro	or mments casing to cement to D and cer gram Test Pressur 3000	2000 TD and ceme surface in or nent to 4,800	int to surface in e stage. Drill & in one stage. Man	4800' n one stage. Drill J-3/4" vertical ufacturer imeron
Drill 17-1/2 12-1/4" hol hole, curve	" hole to - e to -5,33 & lateral Type Annular entify that th towledge and tify that 1 h	e information d belief. ave complice	5.5 Casin esh water spuc ne mud. Run 9 with CBW. R 22 v	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co 555 BTC to TD and asing to T ntion Pro	or mments casing to cement to D and cer gram Test Pressur 3000	2000 TD and ceme surface in or nent to 4,800	nt to surface in le stage. Drill & in one stage. Man Ca	4800' n one stage. Drill J-3/4" vertical ufacturer imeron
Drill 17-1/2 12-1/4" hol hole, curve hole, curve best of my ka I further cer 19.15.14.9 (E Signature:	" hole to - e to -5,3; e lateral Type Annular entify that th iowledge and tify that 1 h NMAC 2	e information d belief. ave complication	5.5 Casin esh water spuc ne mud. Run 9 with CBW. R 22 v	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and asing to T ntion Pro	or casing to cement to D and cer gram Test Pressur 3000 OIL CO	2000 TD and ceme surface in or nent to 4,800 c	int to surface in the stage. Drill & in one stage. Man Ca	4800' n one stage. Drill J-3/4" vertical ufacturer imeron
Drill 17-1/2 12-1/4" hol hole, curve <sup>23.</sup> I hereby co best of my kn I further cor 19.15.14.9 (B	" hole to - e to -5,3; e lateral Type Annular entify that th iowledge and tify that 1 h NMAC 2	e information d belief. ave complication	5.5 Casin esh water spuc ne mud. Run 9 with CBW. R 22 v	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Prever	1575 itional Co J55 BTC to TD and casing to T ntion Pro-	or casing to cement to D and cer gram Test Pressur 3000 OIL CO	2000 TD and ceme surface in or nent to 4,800	int to surface in the stage. Drill & in one stage. Man Ca	4800' n one stage. Drill J-3/4" vertical ufacturer imeron
Drill 17-1/2 12-1/4" hol hole, curve <sup>23.</sup> I hereby co best of my kn I further cer 19.15.14.9 (E Signature: Printed name	" hole to - e to -5,3; e lateral Type Annular entify that th iowledge and tify that 1 h NMAC 2	e information d belief. ave complicat	5.5 Casin esh water spuc ne mud. Run 9 with CBW. R 22 v	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Preven	1575 itional Co J55 BTC to TD and casing to T ntion Pro-	or mments casing to cement to D and cer gram Test Pressur 3000 OIL CO	2000 TD and ceme surface in or nent to 4,800 c	int to surface in the stage. Drill & in one stage. Man Ca	4800' n one stage. Drill J-3/4" vertical ufacturer imeron
Drill 17-1/2 12-1/4" hol hole, curve <sup>23</sup> I hereby co best of my kn I further cer 19.15.14.9 (E Signature: Printed name	" hole to - e to -5,3; e & lateral Type Annular entify that th iowledge and tify that I h NMAC 2 NMAC 2 Mayte R latory Analy	e information d belief. ave complicat f, if applicat	5.5 Casin esh water spuc ne mud. Run S with CBW. R 22 V v u given above is the d with 19.15.14.5	17 g/Cement Pro d mud. Run 1 9-5/8" 47# HP un 5-1/2" 17# Proposed Blo Vorking Pressure 3000	3-3/8" 54.5# L80 casing to P110 LTC c wout Preven	1575 itional Co J55 BTC to TD and casing to T ntion Pro- proved By: tle:	or mments casing to cement to D and cer gram Test Pressur 3000 OIL CO	2000 TD and ceme surface in or nent to 4,800 c	int to surface in the stage. Drill & in one stage. Man Ca TION DIVISIO	4800' n one stage. Drill J-3/4" vertical ufacturer imeron

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