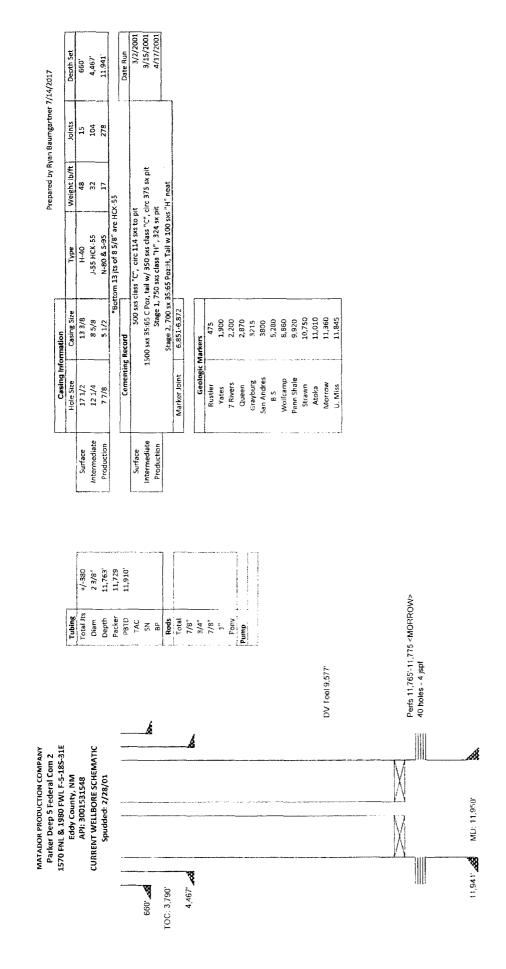
Form 3160-5 (June 2015)	DEPA	UNITED STATI				En En	OMB N	APPROVED No 1004-0137 anuary 31, 2018
	BURE	AU OF LAND MAN	AGEMENT			5 Lease Serial No	NMNM	-68038
Do not	use this fo	OTICES AND REP( orm for proposals se Form 3160-3 (A	to drill or to	o re-enter an		6 If Indian, Allottee	or Trib	e Name
	SUBMIT IN T	RIPLICATE - Other instr	uctions on pag	e 2		7 If Unit of CA/Agi	cement	Name and/or No
1 Type of Well						8 Well Name and N	0	er Deep 5 Fed Com #2
Oil Well 2 Name of Operator Ma	Gas We			where the two many company -		9 API Well No 30-0	Parke	er Deep 5 Fed Com #2
2- 4-1-1	Freeway Suite		3b Phone No	(include area cod	;)	10 Field and Pool o		
Dallas, TX		1500	(972) 371-54	71		Shugart; Morrow	North	(Gas)
4 Location of Well (Foo 1570' FNL & 1980' FV	0	M., or Survey Description 31E	)			11 Country or Paris Eddy, NM	h, State	
· · · · · · · · · · · · · · · · · · ·	12 CHEC	K THE APPROPRIATE E	OX(ES) TO IN	DICATE NATURI	OF NC	DTICE, REPORT OR O	THER D	DATA
TYPE OF SUBM	ISSION			ΤY	PE OF A	ACTION	<b>--</b>	State State & Add Dr. Wald (* 175 oc.). 5 (2000) g. Page () - add - an one for a superior and a superior and a
V Notice of Intent		Acidize	Deep	oen raulic Fracturing	<u> </u>	roduction (Start/Resume eclamation	) [	] Water Shut-Off ] Well Integrity
Subsequent Repo	n	Casing Repair		Construction		ecomplete		Other
Final Abandonme	ent Notice	Change Plans		and Abandon Back		emporarily Abandon Vater Disposal		
1. MIRU. ND WH 2. Unset packer, 3. TIH w/ CBP & 4 TIH w/ bit and 5 TIH w/ TCP gu 6. Set packer & p 7. Measure produ	NU BOPs, te: NU BOPs, te: TOOH w/ tbg. cmt retainer. S drill out cmt. ns & packer. () erforate four M cetion and spot	existing Morrow perfs an st. Squeeze existing perfs (* optionally, WL perf guns lorrow targets: A.) 11,55 acid as required to clea Return to production.	11,765-75'). s). RIH w/ WL 2-55', B.) 11,6			D.) 11,830-40	ART	CONSERVATION FSIA DISTRICT AR: 1 3 2018
							5	RECEIVED
14 I hereby certify that t Christopher Villarreal	he foregoing is t	ruc and correct Name (P)	rinted/Typed)	Engineer Title		·····		
Signature	24	$\sim$		Date		01/07	/2018	
, <u>,</u>	······································	THE SPAC	E FOR FED	ERAL OR ST	ATE (	OFICE USE		
Approved by	ananananananan yarra dalamata yar			Title			Doto	
	holds legal or eq	ed Approval of this notice quitable title to those rights luc' operations thereon					Date	
Title 18 U S C Section 10 any false, fictitious or fra	001 and Title 43 iudulent stateme	USC Section 1212, make nts or representations as to	any matter with	ny person knowin iin its jurisdiction	gly and v	willfully to make to any	departn	nent or agency of the United States
(Instructions on pag	e 2)			99 - 187	** ·			

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Art: Source         Table Art: Art: Art: Art: Art: Art: Art: Art:	Geny Comm, Min         Tables         Tables <thtables< th=""> <tht< th=""><th>Eddy County, NM Art: 3001331545 OSED WELIBORE SCHEMATIC Soudded: 7/28/01 Soudded: 7/28/01 Soudded: 7/28/01 Diam. 2/28/01 PBTD 11,910 TAC 11,725 Soudded: 7/28 Soudded: 7/28 Soudded: 7/28 Diam. 2/28 PBTD 11,910 TAC 11,725 Soudded: 7/28 Soudded: 7/28 PDT Diam. 2/28 PBTD 11,910 TAC 11,725 PBTD 11,910 PBTD 11,728 PDT Diam. 2/28 PBTD 11,728 PDT Diam. 2/28 PBTD 11,728 PDT Diam. 2/28 PDT Diam. 2/28 PBTD 11,728 PBTD 11,728 PDT DIAM. 2001 PBTD 11,728 PBTD 11,778 PBTD 11,728 PBTD 11,778 PBTD 11,7</th><th></th><th>Casing Information</th><th>ormation</th><th></th><th></th><th></th><th></th></tht<></thtables<>	Eddy County, NM Art: 3001331545 OSED WELIBORE SCHEMATIC Soudded: 7/28/01 Soudded: 7/28/01 Soudded: 7/28/01 Diam. 2/28/01 PBTD 11,910 TAC 11,725 Soudded: 7/28 Soudded: 7/28 Soudded: 7/28 Diam. 2/28 PBTD 11,910 TAC 11,725 Soudded: 7/28 Soudded: 7/28 PDT Diam. 2/28 PBTD 11,910 TAC 11,725 PBTD 11,910 PBTD 11,728 PDT Diam. 2/28 PBTD 11,728 PDT Diam. 2/28 PBTD 11,728 PDT Diam. 2/28 PDT Diam. 2/28 PBTD 11,728 PBTD 11,728 PDT DIAM. 2001 PBTD 11,728 PBTD 11,778 PBTD 11,728 PBTD 11,778 PBTD 11,7		Casing Information	ormation				
Production         V-380 (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Reports Proposition Submer 2028(0)         Total (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	API: 3001531548         Total its         4/380           R0005ED WELLBORE SCHEWATIC         Depth         11,725           Spudder: 2/28/01         Packet         11,725           Spudder: 2/28/01         Packet         11,725           Packet         11,725         Packet           11,725         Packet         11,725           Packet         11,726         Packet           11,726         Packet         11,726           11,726         Total         Packet           11,726         Total         1,910           11,726         Total         1,910           11,726         Total         1,910           11,910         Total         1,914           11,910         Total         1,1728           11,910         Total         1,1728           11,910         Total         1,1,756		Hole Size	Casing Size	Type	Weight Ib/ft	Joints	Depth Set
Production subdeticit/2/2001         2.3/6 (minumate)         Dimension (minumate)         1.2/4 (minumate)         3/3         1.5/5-(minumate)         2/3         1/3	Promotion:         23/F         Thermediate         1214         93/S         125/HGSS         12         129         120         121         120         120         120 <th>PROPOSED WELLBORE SCHEMATIC         Diam         2.3/8"           Spudded: 2/28/01         2.3/8"         2.3/8"           Spudded: 2/28/01         Pactor         11,725           Pactor         11,312         Pactor           Pactor         2,34"         Pactor           Pactor         2,4"         Pactor           Pactor         2,4"         Pactor           Pactor         2,4"         Pactor           Pactor         2,4"         Pactor           Pactor         11,550         11,728           Pactor         11,760         AnorROWD           Pactor         11,760         AnorROWD           Pactor         11,760         AnorROWD</th> <th></th> <th>17 1/2</th> <th>13 3/8</th> <th>H-40</th> <th>48</th> <th>15</th> <th>660'</th>	PROPOSED WELLBORE SCHEMATIC         Diam         2.3/8"           Spudded: 2/28/01         2.3/8"         2.3/8"           Spudded: 2/28/01         Pactor         11,725           Pactor         11,312         Pactor           Pactor         2,34"         Pactor           Pactor         2,4"         Pactor           Pactor         2,4"         Pactor           Pactor         2,4"         Pactor           Pactor         2,4"         Pactor           Pactor         11,550         11,728           Pactor         11,760         AnorROWD           Pactor         11,760         AnorROWD           Pactor         11,760         AnorROWD		17 1/2	13 3/8	H-40	48	15	660'
Spundeed 2/24/01         Dearth         11/56 / 11/57         Production         7 / 18         5 / 1/2         2 / 1/2	Spundere 2/24/01         Pacify Pacify Production         T/75         Production         7/16         Strifter         12/12         Production         12/12	Spudded: 2/28/01     Depth     11,755       Packer     11,729       Pump     Pump       Pump     Pump       Packer     11,729       Pump     Pump       Packer     11,728-31* CMORROWS       Packer     11,552-55,11,630-34* 11,775,40 holes - 4 jspt. CMORROWS       Packer     11,565-11,775,40 holes - 4 jspt. CMORROWS			8 5/8	J-55 HCK-55	32	104	4,467'
Protect         11/3 cf 1/6         Protect         11/3 cf 1/6         Protect         Enclose         Sector all s of 6 s/6" are HCCS5           1/4         1/4         1/4 cf         1/	Protein         11/2/30 1/4         Protein         11/2/30 1/4         Protein         11/2/30 1/4         Protein         Protein <td>Packer         11,729           PBTD         11,910'           PATD         1,910'           PATD         1,910'           PATD         7/8''           PATD         7/8''           PATD         2/3''           PATD         <t< td=""><td></td><td>7 7/8</td><td></td><td>N-80 &amp; S-95</td><td></td><td>278</td><td>11,941</td></t<></td>	Packer         11,729           PBTD         11,910'           PATD         1,910'           PATD         1,910'           PATD         7/8''           PATD         7/8''           PATD         2/3''           PATD <t< td=""><td></td><td>7 7/8</td><td></td><td>N-80 &amp; S-95</td><td></td><td>278</td><td>11,941</td></t<>		7 7/8		N-80 & S-95		278	11,941
PERIO         11.307         Stirffere         Cententing Record         Source 1.43 are to Rif         Div           1         10         11.307         Stirffere         100 nas 1.566 c. Cont. 1.301 are to Rif.         200 are 1.43 are to Rif.         200 are 1.44 are 1.44 are to Rif.         <	Print         11.9.07         Consoling Rescal         Consoling Rescal         State to Pil         Total           91         91         11.9.07         11.9.07         11.9.07         11.9.07         10.0         1	PETD 11,910" 11,910" 11,910" 11,910" 11,910" 11,910" 11,910" 11,010" 1	1,729		*Bott	om 13 jts of 8 5/8" are f	HCK-55		
Inc         Inc         Formerating         Solution         So	Notice         Societies         Socies         Socies         Socies<	TAC     TAC       BP     Total       78     78       79     74       76     74       77     75       76     76       77     76       76     76       77     76       76     76       77     76       76     76       77     71       78     76       76     76       77     71       76     76       76     76       77     71       76<	1,910'	Cementing	Record				Date Rur
SN         Intermediate         130 cs contact "C, nic 130 cs cs contact "I, nic 130 cs cs contact "C, nic 130 cs cs contact "I, nic 130 cs	SN         Intermediate         130 sec class 70 sec clas 70 sec clas 70 sec class 70 sec class 70 sec class 70 sec clas	SN     SN       BP     1/8"       7/8"     7/11,725.40       8     7/1,175,40       8     20UEEZED Perfs 11,765-11,775,40       Perfs: 11,830-11,640     4/150'	Surface		500 sxs o	lass "C", circ 114 sxs to	pit		3/2
Bit         Production         Sage 1.70 so scied set 1", 124 a pl t           7/8         7/8         7/8         1001           7/8         7/8         1001         6404         1000 scied set 1", 124 a pl t           7/8         7/8         7/8         1000 scied set 1", 124 a pl t           7/8         7/8         1001         6404         6404           7/8         7         1001         6433.4572         7           7         7         1001         2.870         0000 scied set 1", 124 a pl t           7         7         1001         2.870         0000 scied set 1", 124 a pl t           7         7         1001         2.870         0000 scied set 1", 124 a pl t           7         7         1001         2.870         00000 scied set 1", 124 a pl t           7         1001         2.870         00000 scied set 1", 124 a pl t           7         11.136         11.136         0000000           11.136         11.136         0.00000000         0.00000000000000000000000000000000000	Bit         Freeduction         Rege, 13,000 and bar, 17,24.5 p.tl.           718         708         708         7000 and 57.7           718         708         7000 and 7.7         7000 and 7.7           719         7000 and 7.7         7000 and 7.7         7000 and 7.7           719         7000 and 7.7         7000 and 7.7         7000 and 7.7           711         7000 and 7.7         7000 and 7.7         7000 and 7.7           711         7000 and 7.7         7000 and 7.7         7000 and 7.7           711         7000 and 7.7         7000 and 7.7         7000 and 7.7           711         7000 and 7.7         7000 and 7.7         7000 and 7.7           711         7000 and 7.7	BP         BP           10eis         10eis           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/8"           7/8"         7/1,1,23-31"           8         20UEEZED Perfs 11,765-11,175, 40 holes - 4 jspt.            Perfs. 11,830"         11,840"	Intermediate		500 sxs 35:65 C Poz,	tail w/ 350 sxs class "C"	", circ 375 sx pit		51/E
Rode         Narder Lint           78         78           78         78           78         78           78         78           78         78           78         78           78         78           79         78           70         70           70         70           70         70           70 <td>Rode         Rode         Marker Joint           7/8         7/8         Marker Joint           7/8         7/8         7/8           7/8         7/8         7/8           7/8         7/8         7/8           7/8         7/8         7/8           7/8         7/8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         9         8           8         8         8</td> <td>Rods         Rods         <th< td=""><td>Production</td><td></td><td>Stage 1, 7</td><td>50 sxs class "H" , 324 sx</td><td>( pit</td><td></td><td>4/17</td></th<></td>	Rode         Rode         Marker Joint           7/8         7/8         Marker Joint           7/8         7/8         7/8           7/8         7/8         7/8           7/8         7/8         7/8           7/8         7/8         7/8           7/8         7/8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         7/8           7         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         8         8           8         9         8           8         8         8	Rods         Rods <th< td=""><td>Production</td><td></td><td>Stage 1, 7</td><td>50 sxs class "H" , 324 sx</td><td>( pit</td><td></td><td>4/17</td></th<>	Production		Stage 1, 7	50 sxs class "H" , 324 sx	( pit		4/17
Total         Total         Marker Joint           7/8"         7/8"         Marker Joint           7/8"         7/8"         Marker Joint           1"         1"         Yets           7/8"         1"         Yets           7/8"         1"         Yets           7         Pump         Yets           1"         Pump         Outen           2"         Pump         Outen           2"         Pump         Notice           2"         Pump         Outen           2"         Pump         Outen      <	Milest         Total         Marker Joint           7/8"         7/8"         Marker Joint           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         7/8"         7/8"           7/8"         8.5         8.5           8.5         Strown         Molrow           8.6         Strown         Molrow           8.1.1.552.55, 11,552.35, 11,775, 40 holes - 4 jspt. cMORROW>         Earlis 11,775, 40 holes - 4 jspt. cMORROW>           Anti-1.1.775, 40 holes - 4 jspt. cMORROW>         Molrow           Anti-1.1.552         11,775,40 holes - 4 jspt. cMORROW>				Stage 2, 700 sx 3!	5:65 Poz:H, Tail w 100 s	xs "H" neat		
Participan     3/15 1     3/15 1     Geologic Menter       7/8     7/8     7/8       7/8     7/8     7/8       1     1     7/8       1     1     1       1     1       1<	MD: 11.950 MD: 11.95 MD: 11.950 M			Marker Joint	6.851-6.872				
3/4"     7/6"     7/6"     Geologic Manter       7/6"     7/6"     7/6"     7/6"       7     Perio     0     0       1     Perio     0     0       0     10.10019.577     0     0       0     Perio     11,728.31*     MORROW       Perio:     11,552.55, 11,530.34, 11,728.31*     MORROW       Perio:     11,552.55, 11,530.34, 11,775, 40 holes - 4 jspt, <morrow< td="">     0       Perio:     11,755, 40 holes - 4 jspt, <morrow< td="">     0       Perio:     11,755, 40 holes - 4 jspt, <morrow< td="">     0</morrow<></morrow<></morrow<>	MD: 11.560 MIC: 11								
T/8"     T/8"     Rustler     Rustler       Pomp     Pomp     Pomp     7 Rivers       Pomp     Pomp     T Rivers     7 Rivers       Pomp     Pomp     Carebuild     2 Rivers       DV Tool 9,577     DV Tool 9,577     Rivers     2 Rivers       Perfs: 11,552.55; 11,530-34; 11,728.31*     MORROWP     Rivers     Rivers       Rotation     Rivers     Rivers	MD: 11.950'			Geologic	Markers				
Point     1"     7 Rivers       Point     Point     7 Rivers       Point     Point     7 Rivers       Point     Point     6 rayburg       Point     Britishin     0 random       Point     Britishin     Britishin       Point     Britishin     Britishin       Perfis: 11,552-55, 11,530-34, 11,728-31'      Morrow       Perfis: 11,552-55, 11,530-34, 11,728-31'      Morrow       Perfis: 11,552-55, 11,530-34, 11,775, 40 holes - 4 jspt,      U.Miss.       Perfis: 11,350-11, autor      Morrow       Perfis: 11,350-11, autor      U.Miss.	MD: 11.950			Rustler	475				
Ponv     Ponv       Pump     Oueen       Queen     Gravburg       San Andress     B.S.       Wolfsamp     B.S.       Wolfsamp     B.S.       Perfs: 11,552.55', 11,530-34', 11,728-31' <morrow>     B.S.       Perfs: 11,552.55', 11,530-34', 11,775, 40 holes - 4 jspt, <morrow>     D.V. MORROW&gt;       Perfs: 11,350-11,400 <morrow>     D.V. MORROW&gt;</morrow></morrow></morrow>	MD: 11.950 MD: 11.950 MD: 11.756 40 holes - 4 jpt,      7 Rives 7 Rives 0 ucen 0 ucen 0 ucen 0 ucen 0 sind the			Yates	1,900				
Pump     Quen       Gravburg     Gravburg       Gravburg     Gravburg       Gravburg     B.S.       Wolfcamp     Penn Shale       B.S.     Wolfcamp       Perfs: 11,552.55; 11,530.34; 11,728.31' <morrows< td="">     Morrow       SQUEEZED Perfs: 11,756.40 holes - 4 jspt, <morrows< td="">     U. Miss.       Perfs: 11,350'-11,440' <morrows< td="">     U. Miss.</morrows<></morrows<></morrows<>	MD: 11.950			7 Rivers	2,200				
Caraburg San Andres Sa Brann Buv Tool 9,577 Perfs: 11,552-55, 11,530-34; 11,728-31*      Crayburg San Andres Andres San Andres A	MD: 11.950 MD: 11.950 MD: 11.755 MD: 11.755 MD: 11.950			Queen	2,870				
BV Tool 9.577' DV Tool 9.577' DV Tool 9.577' DV Tool 9.577' DV Tool 9.577' Perfs: 11,552-55', 11,530-34', 11,728-31'      San Andres B.S. Worfsen Atola Morrow U. Miss.       Perfs: 11,552-55', 11,530-34', 11,775, 40 holes - 4 jspt,      U. Miss.       Perfs: 11,350-11,440'      MORROW       Perfs: 11,350-11,440'      MORROW	MD: 11.950 MD: 11.950 MD: 11.750 MD: 11.750 MD: 11.750 MD: 11.750 MD: 11.750 MD: 11.750 MD: 11.950			Gravbure	3215				
BS Wolfcamp DV Tool 9.577 DV Tool 9.577 DV Tool 9.577 Perfs: 11,552.55', 11,530.34', 11,728.31'      BS Rrawn Atoba Morrow U.Miss.       Perfs: 11,552.55', 11,530.34', 11,726, 40 holes - 4 jspt,      Morrow U.Miss.       Perfs: 11,350'-11,440'      MORROWS       Perfs: 11,350'-11,440'      Moles - 4 jspt,	MD: 11.950			San Andres	3800				
DV Tool 9.577 DV Tool 9.577 DV Tool 9.577 Perfs: 11,552.55', 11,530.34', 11,728.31'      Wolfcamp Fram Atola Morrow U. Miss. U. Miss. U. Miss. DV Tool 9.577' Fram State State Atola DV Tool 9.577' Perfs: 11,562-55', 11,775, 40 holes - 4 jspt,        Perfs: 11,552.55', 11,550.34', 11,775, 40 holes - 4 jspt,      Morrow U. Miss. U. Miss.       Perfs: 11,350'-11,40'     Moles - 4 jspt,        Perfs: 11,30'-11,40'     MORROW'	MD: 11.950			B.S	5,280				
DV Tool 9.577 DV Tool 9.577 Perfs: 11,552-55, 11,530-34; 11,728-31' <morrows SQUEEZED Perfs: 11,765'-11,775, 40 holes - 4 jspt, <morrows Perfs: 11,330'-11,440' <morrows Perfs: 11,330'-11,440' <morrows< td=""><td>DV Tool 9.577 DV Tool 9.577 Perfs: 11,552-55, 11,530-34, 11,728-31'      Perm Shale Strawn Atola Morrow U. Miss. U. Miss. Derfs: 11,350'-11,440'        MD: 11.950     MD: 11.950</td><td></td><td></td><td>Wolfcamp</td><td>8,860</td><td></td><td></td><td></td><td></td></morrows<></morrows </morrows </morrows 	DV Tool 9.577 DV Tool 9.577 Perfs: 11,552-55, 11,530-34, 11,728-31'      Perm Shale Strawn Atola Morrow U. Miss. U. Miss. Derfs: 11,350'-11,440'        MD: 11.950     MD: 11.950			Wolfcamp	8,860				
DV Tool 9.577         Strawn         Atola           Morrow         Atola         Atola           Perfs: 11,552-55, 11,530-34, 11,728-31*          Morrow         Miniss           SQUEEZED Perfs 11,765-11,775, 40 holes - 4 jspt,          MORROW>         Derfs: 11,330-11,440*           Perfs: 11,330-11,440*         Moles - 4 jspt,          MORROW>         Derfs: 11,330*	DV Tool 9.577 DV Tool 9.577 Perfs: 11,552-55, 11,530-34, 11,728-31' <morrown SQUEEZED Perfs: 11,765-11,775, 40 holes - 4 jspt, <morrown Perfs: 11,330'-11,440' <morrown Perfs: 11,330'-11,440' <morrown< td=""><td></td><td></td><td>Penn Shale</td><td>9,920</td><td></td><td></td><td></td><td></td></morrown<></morrown </morrown </morrown 			Penn Shale	9,920				
DV Tool 9,577 DV Tool 9,577 Perfs: 11,552-55', 11,530-34', 11,728-31'      Atola Morrow       Perfs: 11,552-55', 11,530-34', 11,728-31'      MORROWS       Perfs: 11,552-55', 11,530-34', 11,725, 40 holes - 4 jspt,      U. Miss.       Perfs: 11,350'-11,440'      MORROWS       Perfs: 11,350'-11,440'      MORROWS	DV Tool 9,577 DV Tool 9,577 Perfs: 11,552-55', 11,630-34', 11,728-31' < MORROWS SQUEEZED Perfs: 11,565'-11,775, 40 holes - 4 jspt, <morrows Perfs: 11,830'-11,840' <morrows Perfs: 11,830'-11,840' <morrows< td=""><td></td><td></td><td>Strawn</td><td>10,750</td><td></td><td></td><td></td><td></td></morrows<></morrows </morrows 			Strawn	10,750				
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	MD: 11,950'	1000 F CM							

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## Parker Deep Fed Com 2 30-015-31548 Matador Production Company Conditions of Approval

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise. Exceptions to these restrictions may be granted by BLM's Cassandra Brooks <crbrooks@blm.gov> 575.234.2232

# Notify BLM at 575-361-2822 (Eddy County) or 575-393-3612 (Lea County) a minimum of 24 hours prior to commencing work.

## Work to be completed by June 8<sup>th</sup> 2018

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- Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.
- 2. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
- 3. Surface disturbance beyond the originally approved pad must have prior approval.
- 4. Closed loop system required.
- 5. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
- 6. Operator to have H2S monitoring equipment on location.

- 7. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 8. Subsequent sundry required detailing work done, a C-102 form, and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.
- 9. See attached for General Plugback Guidelines

MHH 03082018

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

#### Permanent Abandonment of Production Zone 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. Plug back operations shall commence within <u>ninety (90)</u> days from this approval. If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. 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 plug back operations. For wells in Eddy County, call 575-361-2822. For wells in 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 BOP must be installed and maintained as per API and manufacturer recommendations. 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 **brine** 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** 

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>Subsequent Plug back Reporting</u>: Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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. <u>Show date work was completed</u>. If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.

7. <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.