Received by OCD: A/26/2023 2:52:37 J Office			Page 1 of 11 Form C-103
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	Energy, Minerals and Natur OIL CONSERVATION	DIVISION	Revised July 18, 2013 WELL API NO. 30-045-25854 5. Indicate Type of Lease
<u>District III</u> – (303) 534-6178 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	1220 South St. Fran Santa Fe, NM 87		STATE FEE 6. State Oil & Gas Lease No. E-6833
			<ul> <li>7. Lease Name or Unit Agreement Name</li> <li>NDP State 16</li> <li>8. Well Number</li> </ul>
	Gas Well 🗌 Other		1 9. OGRID Number
Epic Energy LLC			372834
3. Address of Operator			10. Pool name or Wildcat
332 Rd 3100, Aztec, NM 87410			Dufers Point-Gallup Dakota
4. Well Location Unit Letter L :	2170 feet from the Sou	th line and 5	590 feet from the West line
Section 16	Township 25N	Range 08W	NMPM San Juan County
	11. Elevation (Show whether DR,		
	6484'		
12. Check Ag	ppropriate Box to Indicate Na	ture of Notice,	Report or Other Data
NOTICE OF INT PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL	SUB REMEDIAL WORI COMMENCE DRI CASING/CEMENT	
of starting any proposed worl	k). SEE RULE 19.15.7.14 NMAC		d give pertinent dates, including estimated date npletions: Attach wellbore diagram of
proposed completion or recor Please find attach	mpletion. ed the P&A Procedure for th	e NDP State 16	#1.
	TONDITIONS	Add to existi plug to cove	ng plug or stand alone r DV tool
APPROVED WITH	XUADA		
Spud Date:	Rig Release Dat	e:	
I hereby certify that the information al	pove is true and complete to the be	st of my knowledge	e and belief.
SIGNATURE SAWVIA	n la l		DATE4/26/2023
Type or print name _Shawna Martinez For State Use Only	z E-mail address: Shawna@	walsheng.net	PHONE:505-327-4892
APPROVED BY: Conditions of Approval (if any):	TITLE Pe	troleum Speciali	st DATE 05/15/2023

.

# Released to Imaging: 5/15/2023 2:21:47 PM

P&A Procedure EPIC Energy -- NDP State 16-1 Duffers Point Gallup/Basin Dakota 2170' FSL & 590' FWL, Section 16, T25N, R8W San Juan County, New Mexico, API #30-045-25854

# Plug & Abandonment Procedure:

Note: All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat 1.15 ft<sup>3</sup>/sk or equivalent. If casing pressure tests tagging plugs will not be required. Note: records indicate that primary cement job on both surface casing and production casing, circulated cement to surface.

Pertinent well data: See attached WBD

# Prior to Mobilization

- 1. Notify NMOCD
- 2. Verify all cement volumes based on actual slurry to be pumped. Calculations based on 1.15 ft<sup>3</sup>/sk.
- 3. Comply with all COA's from NMOCD & SLO

### P&A Procedure

- 1. MIRU PU and cement equipment
- 2. Hot oil/water rod string. ND horsehead and bridal. Lay down polish rod/stuffing box and rod string and pump.
- 3. ND WH, NU BOP, RU rig floor and 2 3/8" handling tools
- 4. POOH and LD 2 3/8" production string
- 5. Tally and PU 2 3/8" works string and RT 5 1/2" casing scraper to top perf (5510').
- 6. TIH with 5 1/2" CICR and set @ 5449'
- Pressure test tubing to 1000 psi, load hole w/ water, close pipe rams and pressure test casing to 500 psi.
- Plug #1, 5409' 6388'. Gallup Top: 5509'; GLP Perfs: 5510' 5800', DK Perfs: 6378'-6388'): Sting into CICR set @ 5449'. Mix & pump 112 sxs (128.8 ft<sup>3</sup>) of Class G neat cement (or equivalent) leaving 50' of cement on top of retainer. PU 100' above TOC and reverse circulate tubing clean. Shut pipe rams and pressure test casing to 500 psi. Note: Cement circulated to surface on primary cement jobs but if required, TOH and run CBL.
- 9. Plug #2, 4501' 4651'. Mancos Top: 4601'. Place EOT at 4651'. Mix and spot (in a balanced plug) 18 sx (20.7 cf) of Class G neat cement. Pull up to 100' above cement top and reverse tubing clean.
- **10.** Plug #3, 3525' 3675'. Mesaverde Top: 3625'. Pull up to 3675'. Mix and spot (in a balanced plug) 18 sx (20.7 cf) of Class G neat cement. Pull up to 100' above cement and reverse tubing clean.

•

- 11. Plug #4, 2410' 2560'. Chacra Top: 2510'. Pull up to 2560'. Mix and spot (in a balanced plug) 18 sx (20.7 cf) of Class G neat cement. Pull up to 100' above cement and reverse tubing clean.
- 12. Plug #5, 1548' 1698'. Plctured Cliffs Top: 1648'. Pull up to 1698'. Mix and spot (in a balanced plug) 18 sx (20.7 cf) of Class G neat cement. Pull up to 100' above cement and reverse tubing clean.
- 13. Plug #6, 734' 1051'. Ojo Alamo, Kirtland & Fruitland Top: 834'. Pull up to 1051'. Mix and spot (in a balanced plug) 36 sx (41.4 cf) of Class G neat cement. Pull up to 100' above cement and reverse tubing clean.
- 14. Plug #7, (8-5/8" Surface casing shoe, 266' to Surface): Original surface casing circulated cement. Pull up to 50' below 8 5/8" surface casing shoe at 316' and mix approximately 36 sxs (41.4 cf) class G neat cement. Pull out of cement and lay down the remaining tubing. Top off as necessary.
- **15.** ND BOP and cut off wellhead below surface casing flange, top off casing and annulus as necessary. Cut off casing head & install P&A marker and cut off and/or remove anchors. RD, MOL - Restore location per reclamation plan.

Opportuni	NDP State 16 #1	Well Status:		20000 2000 DOOD	_							
Operator:	Epic Energy	Orig Oper:	WB Hamilton			NAA					000	
_ease/Op Agmt:		KB:	12'						6			
Field:	Duffers Point Gallup/DK		30-045-25854								VAA	
County:	San Juan	GR/KB:	6484' GL (6496' KB)									
state:	NM	TD:	6650'KB			ENGINEE	RING &	PROD	DUCTION	I CORP.		
Spud:	1/24/1984	PBTD:	6602'KB		-		Contraction of the local division of the loc					
Comp. Date:	2/21/1984	WI:	100.000000									
st Prod:	2/21/1984	NRI:	87.500000					Cas	ing Record	1		
Wellhead Conn:									Surface			
Surface Loc:	2170' FSL & 590' FWL	and the second se			OD	WT/FT GF	ADE	Тор	Bottom	Thead	Bit Size	
Sec-Twn-Rge:	UL L, Sec 16/T25N/8W				8-5/8"	24 K5			266	ST&C	12-1/4"	
-						1-			oduction			
Pumper:	DJ				00	WT/FT GF	RADE		T	Thread	Bit Size	1
Foreman:	John Hampton Jr.				OD					A Design and the party of the p	7-7/8"	
Anchors Tested	N/A				5.5"					3100	1-110	
Notes:						Stag	e Tool at	4646 NB				
									Cement		TO	Calletterd
					String/Stage		Contraction of the second second	Type and	Volume		10	C/Method
Date:	History:				Surface	Lead: 150sx	Class B				C	irc to surf
						Tail:						
					1st Stage	Lead: 300sx	(405cuft)	CIB				
	Found rods stuck. Blew h	nole in tba, ho	t oiled rods. Performed			Tail:						
6/1/22	back-off. Heavy paraffin i				2nd Stage	Lead: 600sx	(1384cuft)	CI B 65/3	5 Poz		-	ine to suid
J. DEL	Revelant Tool					Tail: 100sx (					C	irc to surf
					3rd Stage							
					Production	Lead:						
					, readenent	Tan:						
					-				(Depth, SI			
					Gallup: 5510					4', 20', 40	, 46', 50', 6	50', 68', 78',
					5800', 30', 5							
					Dakota (Gra	aneros): 637	8' - 6388	" (12 ho	les: 0.32")	)		
									lation Deta	ail		
					Gallup: 200,0				Foam:			
				0 0	DK 65,000# 2	20/40 in 71,5	00gal gel	water				
				<b>000</b> 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日								
					5-1/2", 17#, 6	5650'						
					5-1/2", 17#, 6	6650'						
					5-1/2", 17#, 6	6650'						
				PBTD: 6355' KB	5-1/2", 17#, 6	6650'						
					5-1/2", 17#, 6	\$650 <sup>.</sup>						
				PBTD: 6355' KB	5-1/2", 17#, 6	Prod	uction Tu	bing Det	ail			
				PBTD: 6355' KB	5-1/2", 17#, 6	Prod	uction Tu Length	bing Det	ail Grade	Thread	Тор	Bottom
				PBTD: 6355' KB TD: 6610' KB	5-1/2", 17#, 6	Prod	Length	bing Det WT	ail Grade	Thread	Тор	
				PBTD: 6355' KB TD: 6610' KB KB Adjustment	5-1/2", 17#, 6	Prod	Length 12.00	bing Det WT	Grade			0 1
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg	5-1/2", 17#, 6	Prod	Length 12.00 6266.17	bing Det WT	Grade J55	EUE 8rd	12.0	0 1
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset)	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05	bing Det WT	Grade J55	EUE 8rd EUE 8rd	12.0 6278.1	0 1 10 627 7 628
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54	bing Det WT	Grade J55 J55	EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2	0 627 7 628 2 637
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10	bing Det WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7	0 1 10 627 7 628 2 637 6 637
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43	bing Det WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8	0 1 10 627 7 628 12 637 16 637
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10	bing Det WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2	0 1 10 627 7 628 12 637 16 637 16 640 19 641
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Siotted MA	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43	bing Det WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2	0 627 7 628 2 637 6 637 6 640 9 64 9 64
				PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Siotted MA	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43	bing Det WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2	0 1 10 627 7 628 12 637 16 637 16 640 19 641
	Deviation		ologic Markers	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Siotted MA	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43	bing Det WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2	0 627 7 628 2 637 6 637 6 640 9 64 9 64
	Deviation	11	ologic Markers	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Siotted MA	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2	0 627 7 628 2 637 6 637 6 640 9 64 9 64
MD	Inclination	Geo	Formation	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Siotted MA	5-1/2", 17#, 6	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2	0 621 7 622 2 633 6 633 6 640 9 641 9 641
MD 120'	Inclination 0.50	11	Formation Ojo Alamo	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub		Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2	0 621 7 622 2 633 6 633 6 640 9 64 9 64 9 64
MD 120' 272'	Inclination 0.50 1.00	11	Formation Ojo Alamo Kirtland	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2" Lin	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 Top	0 621 7 622 2 633 6 644 9 644 9 644 8 644
MD 120'	Inclination 0.50	11	Formation Ojo Alamo Kirtland Fruitland	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2". Lin Pony Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 70p	0 621 7 622 2 633 6 633 6 644 9 641 9 641 9 641 9 641
MD 120' 272'	Inclination 0.50 1.00	11	Formation Ojo Alamo Kirtland	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2". Lin Pony Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 70p	0 621 7 622 2 633 6 643 9 644 9 644 9 644 8 644 8 644
MD 120' 272' 773' 1275'	Inclination 0.50 1.00 1.25 1.75	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2". Lin Pony Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 70p	0 621 7 622 2 633 6 643 9 644 9 644 9 644 8 644 8 644
MD 120' 272' 773' 1275' 1549'	Inclination 0.50 1.00 1.25 1.75 3.00	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2". Lin Pony Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 Top	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 8 644 9 644 9 644 0 643 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2". Lin Pony Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 6411.2 7 op 16.0 20.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 643 9 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2". Lin Pony Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 640 9 644 9 644 9 644 9 644 9 644 9 644 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' Pl 254ea 3/4" Pla	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6281.2 6375.7 6376.8 6408.2 6411.2 6411.2 7 op 16.0 20.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 640 9 644 9 644 9 644 9 644 9 644 9 644 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 640 9 644 9 644 9 644 9 644 9 644 9 644 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' Pl 254ea 3/4" Pla	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 640 9 644 9 644 9 644 9 644 9 644 9 644 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.50 1.75 2.00	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' Pl 254ea 3/4" Pla	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 640 9 644 9 644 9 644 9 644 9 644 9 644 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.75 2.00 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' P 254ea 3/4" Pla 2'* x 1-1/4" x 10' x 11' x 14' F	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Gear Shea	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 640 9 644 9 644 9 644 9 644 9 644 9 644 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75 2.00 1.25 1.25 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' P 254ea 3/4" Pla 2'* x 1-1/4" x 10' x 11' x 14' R Pumping Unit: API Designation:	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Gear Shea Stroke Lef	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 9 644 9 644 9 644 9 644 9 643 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2215' 2310' 2516' 3028' 3191'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.25 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graenos Dakota	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' Pl 254ea 3/4" Pla 254ea 3/4" Pla 2" x 1-1/4" x 10" x 11' x 14' F Pumping Unit: API Designation: Samson Post SN:	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Gear Shea Stroke Lee Gear Ratio	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 9 644 9 644 9 644 9 644 9 643 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.25 1.25 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16" Polished Rod w/ 8 2ea 8' & 1ea 4' P 254ea 3/4" Pla 254ea 3/4" Pla 2" x 1-1/4" x 10' x 11' x 14' F Pumping Unit: API Designation: Samson Post SN: Gear Box SN:	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 S J55 S J55 S J55 S S S S	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 9 644 9 644 9 644 9 644 9 643 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graenos Dakota	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' P 254ea 3/4" Pla 254ea 3/4" Pla 2'' x 1-1/4" x 10' x 11' x 14' R Pumping Unit: API Designation: Samson Post SN: Gear Box SN: Gear Box SN:	8' x 1-1/2" Lin Pony Rods ain Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 Gear Shea Stroke Lee Gear Ratic SPM: Horse Pow	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 9 644 9 644 9 644 9 644 9 643 0 633 0 633 0 633
MD 120' 272' 773' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.25 1.25 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graenos Dakota	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16" Polished Rod w/ 8 2ea 8' & 1ea 4' P 254ea 3/4" Pla 254ea 3/4" Pla 2" x 1-1/4" x 10' x 11' x 14' F Pumping Unit: API Designation: Samson Post SN: Gear Box SN:	8' x 1-1/2" Lin Pony Rods ain Rods	Prod	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 J55 J55 S J55 S J55 S S S S	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 9 644 9 644 9 644 9 644 9 643 0 633 0 633 0 633
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786' 5185'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	11	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graenos Dakota	PBTD: 6355' KB TD: 6610' KB KB Adjustment 199jts of 2-7/8" Tbg 5-1/2" TAC (Unset) 3jts of 2-7/8" Tbg SN Slotted MA Orange peeled tbg sub 16' Polished Rod w/ 8 2ea 8' & 1ea 4' P 254ea 3/4" Pla 254ea 3/4" Pla 2'' x 1-1/4" x 10' x 11' x 14' R Pumping Unit: API Designation: Samson Post SN: Gear Box SN: Gear Box SN:	8' x 1-1/2" Lin Pony Rods ain Rods	Prodi	Length 12.00 6266.17 3.05 94.54 1.10 31.43 3.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 Gear Shea Stroke Lee Gear Ratic SPM: Horse Pow	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	12.0 6278.1 6375.7 6376.8 6411.2 6411.2 70p 16.0 20.0 6370.0 6370.0 6370.0	0 621 7 622 7 622 6 633 6 644 9 644 9 644 9 644 9 644 9 644 9 644 9 644 9 643 0 633 0 633 0 633

Well/Facility: Operator: Lease/Op Agmt: Field: County: State: Spud: Comp. Date: 1st Prod: Wellhead Conn: Surface Loc: Sec-Twn-Rge:	San Juan           NM           1/24/1984           2/21/1984           2/21/1984           3K Flanged           2170' FSL & 590' FWL           UL L, Sec 16/T25N/8W	Well Status: Orig Oper: KB: API #: GR/KB: TD: PBTD: WI: NRI:	Producing WB Hamilton 12' 30-045-25854 6484' GL (6496' KB) 6650'KB 6602'KB 100.000000 87.500000	Date Updated: April 2023 (.)C	ENGINE 8-5/8" set at 266' Surface Plug #7: Surface to 2 36 sx (41.4 cf) of Cla Ojo Alamo (KT & FT) T	ss G	PROD		CORP.	**	
Pumper: Foreman:	DJ John Hampton Jr.				Plug #6: 734' - 1051' 36 sx (41.4 cf) of Cla	ss G					
Anchors Tested	N/A				55 56 (T1. T0) 01 018						
Notes:					PC Top: 1648'						
	And the second se				Plug #5: 1548' - 1698 18 sx (20.7 cf) of Cla						
Date:	History:				Chacra Top: 2510' Plug #4: 2410' - 2560 18 sx (20.7 cf) of Clai Mesaverde Top: 362! Plug #2: 3525' - 3675 18 sx (20.7 cf) of Clai Vi tool at 4848' Mancos Top: 4601' Plug #2: 4501' - 4651 18 sx (20.7 cf) of Clai Gallup Top: 5509' Set CICR at 5459' Plug #1: 5409' - 6388 112 sx (128.8 cf) of C Gallup Perfs: 5510' 58 Dakota Perfs: 6378' - 1 5-1/2'', 17#, 6650'	ss G 5' sss G sss G lass G 00'					
				PBTD: 6645' KB TD: 6650' KB							
				10.0000 10							
						oduction Tu Length			Thread	Тор	Bottom
				KB Adjustment		oduction Tu Length 12.00	WT	Grade		0	12
				KB Adjustment		Length	WT	Grade	EUE 8rd EUE 8rd	0 12.00 12.00	12 12 12
				KB Adjustment		Length	WT	Grade J55 J55	EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00	12 12 12 12 12
				KB Adjustment		Length	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12
				KB Adjustment		Length	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12
				KB Adjustment		Length	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12 12 12
ľ	Deviation	Geo	logic Markers	KB Adjustment		Length	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12
MD	Inclination	MD	Formation	KB Adjustment		Length 12.00 Rod Detai	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12 12 12 12
MD 120'	Inclination 0.50	MD 834'	Formation Ojo Alamo			Length 12.00 Rod Detai Length	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12 12 12 12 12 80ttom
MD 120' 272'	Inclination 0.50 1.00	MD	Formation Ojo Alamo Kirtland	16' Polished Rod w	// 8° x 1-1/2" Liner	Length 12.00 Rod Detai Length 16	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773'	Inclination 0.50 1.00 1.25	MD 834' 1001'	Formation Ojo Alamo Kirtland Fruitland	16' Polished Rod w 2ea 8' & 1ea 4	// 8' x 1-1/2" Liner ' Pony Rods	Length 12.00 Rod Detai Length 16 20	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275'	Inclination 0.50 1.00 1.25 1.75	MD 834'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs	16' Polished Rod w	// 8' x 1-1/2" Liner ' Pony Rods	Length 12.00 Rod Detai Length 16	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549'	Inclination 0.50 1.00 1.25 1.75 3.00	MD 834' 1001' 1648'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	16' Polished Rod w 2ea 8' & 1ea 4	// 8' x 1-1/2" Liner ' Pony Rods	Length 12.00 Rod Detai Length 16 20	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50	MD 834' 1001' 1648' 2510'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra	16' Polished Rod w 2ea 8' & 1ea 4	// 8' x 1-1/2" Liner ' Pony Rods	Length 12.00 Rod Detai Length 16 20	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50	MD 834' 1001' 1648'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House	16' Polished Rod w 2ea 8' & 1ea 4	// 8' x 1-1/2" Liner ' Pony Rods	Length 12.00 Rod Detai Length 16 20	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50	MD 834' 1001' 1648' 2510'	Formation Qio Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4'' F	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75	MD 834' 1001' 1648' 2510' 3625'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout	16' Polished Rod w 2ea 8' & 1ea 4	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 J55	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.50 1.75 2.00	MD 834' 1001' 1648' 2510' 3625' 4601'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" F 2" x 1-1/4" x 10' x 11' x 14	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade 	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75 2.00 1.25	MD 834' 1001' 1648' 2510' 3625' 4601' 5509'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" f 2" x 1-1/4" x 10' x 11' x 14 Pumping Unit:	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 Gear Shea	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.25	MD 834' 1001' 1648' 2510' 3625' 4601'	Formation Qio Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn	16' Polished Rod w 2ea 6' & 1ea 4 254ea 3/4'' F 2'' x 1-1/4'' x 10' x 11' x 14 Pumping Unit: API Designation:	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 Gear Shea Stroke Ler	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.00	MD 834' 1001' 1648' 2510' 3625' 4601' 5509' 6340'	Formation Qio Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" F 2" x 1-1/4" x 10' x 11' x 14 Pumping Unit: API Designation: Samson Pest SN:	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 Gear Shea Stroke Ler Gear Ratio	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.00 1.50	MD 834' 1001' 1648' 2510' 3625' 4601' 5509'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros Dakota	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" F 2" x 1-1/4" x 10' x 11' x 14 Pumping Unit: API Designation: Samson Post SN: Gear Box SN:	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00	WT	Grade J55 J55 J55 J55 J55 J55 S J55 S S S S S	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786' 5185'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.75 2.50 1.25	MD 834' 1001' 1648' 2510' 3625' 4601' 5509' 6340'	Formation Qio Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" f 2" x 1-1/4" x 10' x 11' x 14 Pumping Unit: API Designation: Samson Post SN: Gear Box SN: Structural Unbalance:	/ 8' x 1-1/2" Liner Pony Rods Plain Rods RHAC w/ 10 BOPD Rev	Length 12.00 Rod Detai Length 16 20 6350.00 elant Tool (1	WT	Grade J55 J55 J55 J55 J55 J55 Gear Shea Stroke Ler Gear Ratio SPM: Horse Pow	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786' 5185' 5683'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.25 1.25 1.00 1.25 1.00	MD 834' 1001' 1648' 2510' 3625' 4601' 5509' 6340'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros Dakota	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" f 2" x 1-1/4" x 10' x 11' x 14 Pumping Unit: API Designation: Samson Post SN: Gear Box SN: Structural Unbalance: Power:	// 8' x 1-1/2" Liner ' Pony Rods Plain Rods	Length 12.00 Rod Detai Length 16 20 6350.00 elant Tool (1	WT	Grade JS5 JS5 JS5 JS5 JS5 Gear Shea Stroke Ler Gear Ratio SPM: Horse Pow Volts:	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	12 12 12 12 12 12 12 12 12 12 12 12 12 1
MD 120' 272' 773' 1275' 1549' 1620' 1714' 1955' 2215' 2310' 2516' 3028' 3191' 3786' 5185'	Inclination 0.50 1.00 1.25 1.75 3.00 2.50 2.50 1.75 2.00 1.25 1.75 2.50 1.25	MD 834' 1001' 1648' 2510' 3625' 4601' 5509' 6340'	Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Chacra Cliff House Menefee Pt. Lookout Mancos Gallup Greenhorn Graneros Dakota	16' Polished Rod w 2ea 8' & 1ea 4 254ea 3/4" f 2" x 1-1/4" x 10' x 11' x 14 Pumping Unit: API Designation: Samson Post SN: Gear Box SN: Structural Unbalance:	/ 8' x 1-1/2" Liner Pony Rods Plain Rods RHAC w/ 10 BOPD Rev	Length 12.00 Rod Detai Length 16 20 6350.00 elant Tool (1	WT	Grade J55 J55 J55 J55 J55 J55 Gear Shea Stroke Ler Gear Ratio SPM: Horse Pow	EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd EUE 8rd	0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 5370.00 6370.00 6370.00	112 112 112 112 112 112 112 112 112 112

# NDP 16-1 Reclamation

1. Epic Energy LLC is proposing to plug and abandon the NDP 16-1 wellbore and reclaim the well pad. This location is located on lands owned and managed by the State Land Office. The access road to the NDP 16-1 will be closed if no other operations require ingress/egress. All equipment including rig anchors and piping will be removed from the location. Banks of the access road will be blended to match the road. The area will be ripped and seeded. The vegetation community which best represents the proposed project area is the Badland complex. Plant communities of the badland complex are typically sparsely vegetated, often with less than 10% vegetation cover but occasionally up to 30%. Cryptoblotic soil/crust is an important component of this habitat. Shrubs and half shrubs are apparent and rather unevenly distributed. The potential plant community varies somewhat with depth of soil, exposure and slope. Therefore, general goals for the cover type should not focus on the percentage of vegetation in each functional group but instead on factors that ensure stability and resiliency of these plant communities. The seed mix will be used with an emphasis placed on protecting reclaimed well pads from exotic plant invasion. Water management or erosion control features will be completed where necessary.

# CONDITIONS FOR PLUGGING AND ABANDONMENT

# OCD - Southern District

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. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.

- 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. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
- 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 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.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 8. Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 10. 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.
- 11. Class 'C' cement will be used above 7500 feet.
- 12. Class 'H' cement will be used below 7500 feet.
- 13. 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
- 14. 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
  - I) Glorieta
  - J) Yates.
  - K) Cherry Canyon Eddy County
  - L) Potash----(In the R-111-P Area (Page 3 & 4), 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 name2. Lease and Well Number3. API Number4. Unit Letter5. QuarterSection (feet from the North, South, East or West)6. Section, Township and Range7. Plugging Date8. 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)

### SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

# R-111-P Area

#### T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

#### T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

#### T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

#### T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

#### T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

#### T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

#### T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

#### T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

#### T 21S – R 30E

Sec 1 – Sec 36

#### T 21S – R 31E

Sec 1 – Sec 36

#### T 22S – R 28E

Sec 36 Unit A,H,I,P.

#### T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

#### T 22S – R 30E

Sec 1 – Sec 36

#### T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,B,C,D,G,H. Sec 27 – Sec 34.

#### T 23S – R 28E

Sec 1 Unit A

#### T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

#### T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

#### T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

#### T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

#### T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

#### T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

#### T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EPIC ENERGY, L.L.C.	372834
332 Road 3100	Action Number:
Aztec, NM 87410	211108
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Created By		Condition Date
john.harrison	Adhere to NMOCD COAs attached.	5/15/2023

Page 11 of 11

Action 211108