

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT



Well Name: LINDRITH

Well Location: T26N / R7W / SEC 10 / NENW / 36.50482 / -107.56538

County or Parish/State: RIO ARRIBA / NM

Well Number: 110E

Type of Well: CONVENTIONAL GAS

WELL

Lease Number: NMSF079161

Unit or CA Name:

Unit or CA Number:

Allottee or Tribe Name:

US Well Number: 300392313400D1

Well Status: Abandoned

Operator: EPIC ENERGY LLC

Subsequent Report

Sundry ID: 2644233

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/15/2021

Time Sundry Submitted: 10:00

Date Operation Actually Began: 06/16/2021

Actual Procedure: Please find attached final report for the P&A of the referenced well.

SR Attachments

Actual Procedure

WBD_Lindrith_110E_P_A_20211115100007.pdf

Released to Imaging: 1/20/2022 1:37:46 PM

Well Name: LINDRITH Well Location: T26N / R7W / SEC 10 /

NENW / 36.50482 / -107.56538

County or Parish/State: RIO

Operator: EPIC ENERGY LLC

Allottee or Tribe Name:

ARRIBA / NM

Well Number: 110E Type of Well: CONVENTIONAL GAS

WELL

Unit or CA Name: Unit or CA Number:

Well Status: Abandoned

Operator Certification

US Well Number: 300392313400D1

Lease Number: NMSF079161

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: SHAWNA MARTINEZ Signed on: NOV 15, 2021 10:00 AM

Name: EPIC ENERGY LLC Title: Regulatory Tech

Street Address: 332 RD 3100

City: AZTEC State: NM

Phone: (505) 327-4892

Email address: SHAWNA@WALSHENG.NET

Field Representative

Representative Name:

Street Address:

City: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742 BLM POC Email Address: krennick@blm.gov

EPIC Energy

Well Name: Lindrith #110E (Sec 10/T26N/R7W) API: 30-039-23134

The following is a summary of the P&A on the Lindrith #110E between June 16 – July 6, 2021.

Note: Model D packer at 6590', top of stuck 1-1/2" tubing at 5859'. Attempts to fish tubing were unsuccessful. Received approval to set CICR and combine Dakota and Gallup plugs by J. Dobson – BLM Field inspector.

Plug #1: Dakota/Gallup Plug: Dakota top (7558') Perfs: 6665'-6734'. Gallup Top (6623') Perfs: 5872' – 6164'. CICR depth: 5720', Cement plug depth: (6734'-'). 125 sx (144 cf) of Class G cement (105 sx below retainer and 20 sx on top of retainer. Confirm cement top 5499'. Run CBL and Casing Inspection log f' 5504' to 125'.

Plug #2: Mancos plug: Mancos top (5060'). Shoot 4 holes at 5110' and set CICR at 5074'. Cement plug depths (4905' - 5110'). 55 sx (63.3 cf) of Class G cement. Tag cement at 4905' with tubing.

Plug #3: Mesaverde Plug: Mesaverde top (3923'). Shoot 4 holes at 3946' and set CICR at 3912'. Cement plug depths (3782'-3946'). 48 sx (55 cf) of Class G cement. Tag cement at 3782' with tubing.

Plug #4: Chacra Plug Plug: Chacra top (3167'). Shoot 4 holes at 3217' and set CICR at 3167'. Cement plug depths (3043' – 3217'). 48 sx (55 cf) of Class G cement. Tag cement at 3043' with tubing.

Plug #5: Fruitland/PC Plug: Fruitland top/ Pictured Cliffs top (2030'/2269'). Cement plug depths (1878' – 2328'). Mix and spot 47 sx (54 ct) of Class G cement in a balanced plug. Tag cement at 1878' with tubing.

Plug #6: Ojo Alamo Plug: Ojo Alamo top (1462'). Shoot 4 holes at 1512' and set CICR at 1458'. Cement plug depths (1350' – 1512'). 48 sx (55 cf) of Class G cement. Tag cement at 1350' with tubing.

Plug #7: Surface Plug: Note hole in casing f' 1030′ – 1104′. Bullhead 410 sx (472 cf) of Class G cement. Circulated 5 bbls of cement to surface out bradenhead. Close braden head valve pressure up to 500 psi in 5 separate hesitations until cement locked up. SD for weekend. Cut off wellhead and top off with additional 12 sx (14 cf) of Glass G cement.

J. Dobson with the BLM was on location to approve and witness to all cementing operations and depth confirmations. J. Killons and T. Salyers with the BLM were also involved regarding the fishing job, CBL review and perforation and plug placement. The NMOCD was contacted via email and cell phone.

Epic	Epic Energy, LLC		Lin	Lindrith #110E	ш						П	Date Completed	7/6/2021
Plug #	Formation	BLM Pick Formation Top	Perfs	CICR Depth			O	Cement Detail				Cement Plug Depths Plug Position	Plug Position
_	Dakota	7558'	6665'-6734'	above GLP									Inside
									-			7 400 1004 7	3
1	Gallup	6623'	5872'-6146'	5720'	125sx	Cl "G" cem	ent (143.75	scuft, 25.5bb	ıl, 1.15yld, 1	125sx Cl "G" cement (143.75cuft, 25.5bbl, 1.15yld, 15.8ppg, 5.0gps)	S)	5489'-6615'(Calc)	Inside
	Comple	eted DK/G	Completed DK/GLP plug w/ 1 cement	1 cement plug:	- 1	2.33" tbg)	at 5859',	Fish (2.33" tbg) at 5859', Model "D" Packer at 6590'	Packer a	t 6590'			
2	Mancos	5060'	5110'	5074'	25sx	Cl "G" cem	ent (63.25c	uft, 11.3bbl,	1.15yld, 15	55sx Cl "G" cement (63.25cuft, 11.3bbj, 1.15yld, 15.8ppg, 5.0gps)		4905' - 5110'	In/Out
3	Mesaverde	3923'	3946'	3912'	48	sx Cl "G" ce	ment (55cr	ıft, 9.9bbl, 1.	.15yld, 15.8	48sx CI "G" cement (55cuft, 9.9bbl, 1.15yld, 15.8ppg, 5.0gps)		3782' - 3946'	In/Out
												-	!
4	Chacra	3167'	3217'	3167'	48sx CI "G"	"G" cement	2% CaCl2	(55cuft, 9.9l	bbl, 1.15yld	cement 2% CaCl2 (55cuft, 9.9bbl, 1.15yld, 15.8ppg, 5.0gps)	(sdf	3043' - 3217'	In/Out
5	Fruitland/PC	2030'FR/ 2269'PC	N/A	N/A	478	sx CI "G" ce	ment (54cu	47sx Cl "G" cement (54cuft, 9.6bbl, 1.15yld, 15.8ppg, 5.0gps)	15yld, 15.8	ppg, 5.0gps)		1878' - 2328'	Inside
9	Ojo Alamo	1462'	1512'	1458'	48sx CI	"G" cement	2% CaCl2	(55cuft, 9.9k	bbl, 1.15yld	48sx Cl "G" cement 2% CaCl2 (55cuft, 9.9bbl, 1.15yld, 15.8ppg, 5.0gps)	(sdf	1350' - 1512'	In/Out
7	Surface	Surf	Hole in csg F/ :	Hole in csg F/ 1030' - T/ 1104'+	410	sx Cl "G" ce	ment (4472	cuft, 84bbl,	1.15yld, 15	410sx CI "G" cement (4472cuft, 84bbl, 1.15yld, 15.8ppg, 5.0gps)		1104'+/ Surface	In/Out
	Surface Top Off	Surf	N/A	N/A		12sx Cl "G	3" (14cuft, 2	12sx CI "G" (14cuft, 2.5bbl, 1.15yld, 15.8ppg, 5.0gps)	ld, 15.8ppg	, 5.0gps)		Surface	In/Out

County: State: Spud: Comp. Date: Ist Prod: Kmas tree: Surface Loc: Sec-Twn-Rge: Comments:	SF 079161 Basin DK/Lybrook Glp Rio Arriba NM 1/31/1983 4/28/1983 4/28/1983 ZK Flanged Unit Letter C 1010' FNL & Sec 10/T26N/R7W	GR/KB: TD: PBTD: WI: NRI:	Shut In Ladd Petroleum 30-039-23134 6121'GL/6134'KB 7000'KB 6895'KB	Date Drawn: November 2	Surface T 12 sx G 1 Plug #7 S 410 sx G CICR @ 1 Plug #6 C 48 sx G 5 Plug #5 F 47 sx G 5	4cf,2.5bbl surface plus 471.5cf, 84 1458' Djo Alamo 1 5cf, 9.9bbl Fruitland/PC 4cf, 9.6bbl ol=2912'	1350-1512' C 1878-2328'	D4·
Date:	History:				48 sx G 5 CICR @ 3	<u>Chacra 3043</u> 55cf, 9.9bbl 3912'	3782-3946'	
			-1	1010 (010) (010) (010) (010) (010)	CICR @ 9 Plug #1 I 125 sxs 0 COO Gallup:	5074' <u>Mancos 490</u> 63.25cf 11.: 5720' <u>Dakota/Gall</u> 3 143.3cf 2	3bbl <u>lup- 5499-6618</u> 5.5bbl 72'-6146'	<u></u>
				0	Da	Packer=65 kota: rforations:	6665'-6734'	
				TD - 7000' KB PBTD - 6895' KB	5-1/2", 18 Cement	5.5#, J55 at w/	6966'KB	
				TD - 7000' KB	Cement	w/	6966'KB	
				TD - 7000' KB PBTD - 6895' KB	Cement v	y Detail ength	Тор	Bottom
				TD - 7000' KB	Cement v	w/ g Detail	Тор 0	12.0
				TD - 7000' KB PBTD - 6895' KB	Cement v	y Detail ength	Top 0 12.00	12.0 12.0
				TD - 7000' KB PBTD - 6895' KB	Cement v	y Detail ength	Top 0 12.00 12.00	12.0 12.0 12.0
	Deviation	Geol	ogic Markers	TD - 7000' KB PBTD - 6895' KB	Cement v	y Detail ength	Top 0 12.00 12.00 12.00	12.0 12.0 12.0 12.0
MD	Deviation Inclination	Geol MD	ogic Markers Formation	TD - 7000' KB PBTD - 6895' KB	Cement v	y Detail ength	Top 0 12.00 12.00	12.0 12.0 12.0
MD				TD - 7000' KB PBTD - 6895' KB	Cement v	y Detail ength	Top 0 12.00 12.00 12.00 12.00	12.0 12.0 12.0 12.0 12.0
MD			Formation	TD - 7000' KB PBTD - 6895' KB	Tubing L	y Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00	12.0 12.0 12.0 12.0 12.0
MD			Formation Ojo Alamo	TD - 7000' KB PBTD - 6895' KB	Tubing L	g Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00	12.0 12.0 12.0 12.0 12.0 12.0
MD			Formation Ojo Alamo Kirtland	TD - 7000' KB PBTD - 6895' KB	Tubing L	y Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12.0 12.0 12.0 12.0 12.0 12.0
MD			Formation Ojo Alamo Kirtland Fruitland	TD - 7000' KB PBTD - 6895' KB	Tubing L	g Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 17.00	12.0 12.0 12.0 12.0 12.0 12.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs	TD - 7000' KB PBTD - 6895' KB	Tubing L	g Detail ength 12.00	Top 0 12.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0
MD			Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	TD - 7000' KB PBTD - 6895' KB	Tubing L	g Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House	TD - 7000' KB PBTD - 6895' KB	Tubing L	g Detail ength 12.00	Top 0 12.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee	TD - 7000' KB PBTD - 6895' KB	Tubing L	g Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee	TD - 7000' KB PBTD - 6895' KB	Tubing L Rod E	y Detail ength 12.00 tetail - Length	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos	TD - 7000' KB PBTD - 6895' KB	Tubing L Rod E	g Detail ength 12.00	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.1 12.1 12.1 12.1 12.1 12.1 12.1 0.0
MD			Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup	TD - 7000' KB PBTD - 6895' KB	Tubing L Rod E	y Detail ength 12.00 tetail - Length	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.1 12.1 12.1 12.1 12.1 12.1 12.1 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn	TD - 7000' KB PBTD - 6895' KB KB Adjustment	Tubing L Rod E	y Detail ength 12.00 tetail - Length mp Detail	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.1 12.1 12.1 12.1 12.1 12.1 12.1 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros	TD - 7000' KB PBTD - 6895' KB KB Adjustment Pumping Unit:	Tubing L Rod E	g Detail ength 12.00 Length Length	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn	TD - 7000' KB PBTD - 6895' KB KB Adjustment Pumping Unit: API Designation:	Tubing L Rod E	g Detail ength 12.00 letail - Length Length mp Detail	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros	TD - 7000' KB PBTD - 6895' KB KB Adjustment KB Adjustment Pumping Unit: API Designation: Samson Post SN:	Tubing L Rod E	p Detail ength 12.00 12.00 Length Length mp Detail Ge Str	Top 0 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 10.00 0.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros	TD - 7000' KB PBTD - 6895' KB KB Adjustment KB Adjustment Pumping Unit: API Designation: Samson Post SN: Gear Box SN:	Tubing L	g Detail ength 12.00 Length Length mp Detail Ge Str Ge	Top 0 12.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros	TD - 7000' KB PBTD - 6895' KB KB Adjustment Pumping Unit: API Designation: Samson Post SN: Gear Box SN: Structural Unbalance	Tubing L	g Detail ength 12.00 12.00 Letail - Length mp Detail Ge Str Ge SP Hoto	Top 0 12.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0
MD			Formation Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros	TD - 7000' KB PBTD - 6895' KB KB Adjustment KB Adjustment Pumping Unit: API Designation: Samson Post SN: Gear Box SN:	Tubing L	p Detail ength 12.00 12.00 Length Length Ge Str Gee SP Ho	Top 0 12.00	12.0 12.0 12.0 12.0 12.0 12.0 12.0 0.0

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

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

Action 69877

CONDITIONS

Operator:	OGRID:			
EPIC ENERGY, L.L.C.	372834			
332 Road 3100	Action Number:			
Aztec, NM 87410	69877			
	Action Type:			
	[C-103] Sub. Plugging (C-103P)			

CONDITIONS

С	Created By	Condition	Condition Date
	mkuehling	No pressures recorded for any casing string during operations - bullheaded with no casing test - Kirtland top was not covered but was also not in the procedure - well completion shows Kirtland at 1693.	1/14/2022
	mkuehling	Bradenhead test in 2019 showed 25 psi with stead flow	1/14/2022