Office <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	Energy, Minerals an	TION DIVIS	SION	WELL API NO. 30-025-12072 5. Indicate Type	Form C-103 Revised July 18, 2013 of Lease	
<u>District III</u> – (505) 334-6178 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 S Santa Fe, I			STATE 3 6. State Oil & Ga 317760	X FEE as Lease No.	
(DO NOT USE THIS FORM FOR PROPOSALS DIFFERENT RESERVOIR. USE "APPLICATI PROPOSALS.) 1. Type of Well: Oil Well Gas		N OR PLUG BACK C-101) FOR SUCH	ТО А	7. Lease Name or Unit Agreement Name Rhodes Yates Unit #5 8. Well Number 5		
Name of Operator LeaCo Operating, LLC Address of Operator				9. OGRID Numb	er: 331439 Wildcat: Rhodes Yates	
2121 Sage Road, Suite 325 Houston, T 4. Well Location	X 77056			Seven Rivers	Wildeat. Rilodes Tates	
Unit Letter D 660 feet from th Section 27	e North line and 660 fee Township 269		line 37E	NMPM	Lea County	
11	1. Elevation (Show whet) 979' GR				Lea County	
	ropriate Box to Indi	anta Natura a	f Nation	Donart or Other	Data	
TEMPORARILY ABANDON C	LUG AND ABANDON [HANGE PLANS [ULTIPLE COMPL] d operations. (Clearly state SEE RULE 19.15.7.14 oletion. ellhead, NU BOP, POOl [2] 6 SPF (total 300 holes and acidized with 2,000 lethe new perfs with 15% 5°.	OTHEI CASIN OTHEI Cate all pertinent NMAC. For M H w/tubing and c) gal 15% Hcl.	DIAL WORI IENCE DRII G/CEMENT R: details, and fultiple Con packer.	LLING OPNS. JOB I give pertinent date of the policy of the pertinent date of the perti	ALTERING CASING P AND A =================================	
Spud Date: 10/29/1943		Rig Release				
I hereby certify that the information above	-	•				
SIGNATURE Bill Johnson Type or print name Bill Johnson	TITLE	_Authorized Sig	nator DA	ΓΕ 11/14/2025		
Type or print nameBill Johnson For State Use Only	E-mail addre	ss: _bill@leaco	operating.co	om PH0	ONE: 918-550-1671	
APPROVED BY: Conditions of Approval (if any):	TITLE			DA	TE	

Operator:	LeaCo			Well Name:	Yates #5			
Date:	11/13/2023	Report No.:	Report No.: 1 City, State: Jal, NM					
Current / Planne	Current / Planned Operations: MIRU Axis Rig and Pkg. Load 3.5 th ND tree. NU Slips, BOPS, POOH was Flush.							
Daily Cost Cumulative Cost Planned Cost								
Casing R	Record		Tubing Record		Pack	er / Bridge Plug F	Record	
Size	Depth	Siz	ze	Depth	Brand /	Model	Depth	
5 1/2	3198	2 3	3/8	3040	AD-	-1	3044	
			-			T	<u> </u>	
	Formation	From	To	Density	Shots per ft.	Total shots	Gun Type	
Perforations	YATES	3140	3125		4	100		
Hours				Operation				
	Arrived (Nobody e pressures, TBG 58		ocation and verified	f Frac tanks were t	ied together and cor	ntents inside were	correct. Check	
8:00		truck arrived with V						
		J Ballard to check						
9:30	Opened Needle Valve on Well to attempt to blow well down from 9:30 to 1:30 (MV and both check valves leaking)							
	Closed TBG. Rig and Equipment arrived.							
1:45	Held Safety Mtg with Crew. Began spotting equip. Unload tbg.							
	Wellhead did not have a tie in due to WH MV leaking. Stopped job and made a plan to tie in to the well to be able to pump down TBG.							
	Pumped 15 bbls of Brine to load tbg. Well went on vacuum, monitored for 5 minutes. Well was Static.							
5:45		alled TIW valve. Tie	,	TIW to secure well.				
6:15	Verified well was s	ecured SDFN. Rig	Crew left location.					

Operator:	Select Water Solutions, LLC			Well Name:	Yates #5
Date:	11/14/2023	Report No.:	2	Cty, State:	Jal, NM

Dato.	1171172020	report item	_	oty, otato.	oui, ruivi		
Current / Planne	ed Operations:	All 2 3/8 tbg out of hole. Plan; RIH w/ Dresser Guide, Overshot w/ 2 3/8 grapple, and Bumper jars to recover packer. Once PKR is recovered, RIH w/ WL Perf from 2900 to 2850. RIH w/RBP set @ 2920. Cover w/san RIH 3.5 w/5.5 AD-1 pkr set. Pump acid followed by 100bbls of KCL. Perform step test. 1 bbl-10bbl. POOH 3.5 and packer. If time allows Put pkr on 2 3/8 tbg. RIH cirrculate KCL. Set Pkr. Secure well. SDFN					Cover w/sand. 0bbl. POOH LD
Daily Cost Cumulative Cost Planned Cost							
Casing F	Record		Tubing Record	Packer / Bridge Plug Record			
Size	Depth	Si	ze	Depth	Brand / Model		Depth
5 1/2	3198	23	3/8	3040	AD-1		3044
	Competies	Гиона	To	Donaitu	Chata non f	Total abots	Cum Tum c
	Formation	From	To	Density	Shots per ft.	Total shots	Gun Type
Perforations	YATES	3140	3125	0	4	100	0

Hours	Operation						
7:00	I arrived on location. Checked wellhead pressures. 30 on Tbg.Blew down to tank to 0. 0 on Csg.						
7:20	Crew arrived and held JSA. Discussed task at hand.						
7:35	Prep to unset pkr. Broke out Flange bolts. Wellhead was sitting crooked and had to beat out each wellhead studs.						
8:10	Able to PU Wellhead off of flange, but could not PU high enough to install slips. Did not want to part TBG. Pulled up to 46k.						
10:30	RU Wire line. RIH tag PKR 3044. (3054) 10' difference due to surface. Pooh. activated charge to make Cut.						
11:14	RIH w/Cutter.						
11:40	Pulled 5k against packer. Cut Tbg. Pooh. RD WL						
1:00	NU BOP. Rig up to POOH w/ Tbg.						
3:00	Pipe out of the hole. Verified that all tbg was accounted for. Laid dow Cut jt of tbg.						
3:30	Swap Elevators, Slips, Ram blocks in BOP to get ready to RIH with Tools to fish Pkr.						
4:15	SDFN due to we didn't have enough time to get fishing tools on location.						

Completion / Workover Report

Operator:	Select Water Solutions, LLC		Well Name:	Yates #5
Date:	11/15/2023 Report No.:	3	Cty, State:	Jal, NM

Current / Planned Operations:

PKR is sitting at 3120 Previously @ 3044 (3055 w/ 10' KB). Went in hole with BHA, tagged PKR & Partial JT. Pkr kept going down and stopping at 3120. Never torqued up therefore there were no signs of tbg/pkr in Overshot. After landing fish, we did have the partial jt of tbg. Plan now is to RIH with a Spear to attemt to spear into the PKR. BHA will be Spear, Bumper sub, and WS. Will set down 28k to catch the Pkr. POOH. RU WL Perf at 2900 to 2850. RIH w/WS & PKR Acidize both zones. Flush with KCL. POOH. Make up new PKR on 2 3/8 RIH to 2845. Ciruclate KCL to surface. Set pkr. RD NU Wellhead.

Daily Cost Cumulative Cost Planned Cost

Casing F	Record		Tubing Record		Packer / Bridge Plug Record		
Size	Depth	Size	е	Depth	Brand / Model		Depth
5 1/2	3198	2 3/8		3040	AD-1		3120
	Formation	From	То	Density	Shots per ft.	Total shots	Gun Type
Perforations	YATES	3140	3125	0	4	100	0

Hours	Operation
7:00	Checked wellhead pressure. Well was on Vacuum. 0 psi on Tbg. 0 psi on csg. Held safety mtg.
7:20	Get fishing tools unloaded on pipe racks.
8:30	Make up BHA and start in the hole to catch packer.
9:50	Tally pipe to prepare to RIH.
11:36	Tagged Pkr and partial jt of tbg.
1:20	POOH with BHA to see if we caught the PKR and TBG.
2:40	Discovered we only caught the 2 3/8 cut jt of tbg. PKR was not there. Mandrel coupling was still in tbg collar.
3:30	Rig up WL. RIH to verify Perfs are open.
4:50	Tagged Top of PKR @ 3120. POOH with CCL
5:30	RD WL. Secure Well
6:00	SDFN

Operator:	Select Water Solutions, LLC			Well Name:	Yates #5
Date:	11/16/2023	Report No.:	4	Cty, State:	Jal, NM

Current / Planne	d Operations:	Retrieve packer, p	erforate, acidize an	nd perform SRT.				
Daily Cost Cumulative Cost Planned Cost								
Casing R	lecord		Tubing Record		Packer / Bridge Plug Record			
Size	Depth	Siz	ze	Depth	Brand / Model		Depth	
5 1/2	3198	2.3	3/8	3040	AΓ)-1	3044	
	Formation	From	То	Density	Shots per ft.	Total shots	Gun Type	
Perforations	YATES	3140	3125					

Hours	Operation
7:00	Tailgate Safety Meeting.
7:20	Check pressure on well. 0 tbg/ 0 csg
7:35	PU 1 Jt. Build BHA to RIH to catch PKR
8:00	RIH w/ 43 stands WS
8:39	Tag top of pkr
8:50	POOH w/ Fish
10:00	Lander PKR to surface
10:25	RU WL
10:45	Pumped 40 bbls of brine
11:25	RIH w/ WL. Tag @ 3,124'
11:37	Perforated @ 2,900' to 2,850' @ 6 spf (total of 300 holes)
12:00	RD WL
12:20	RIH w/ new 5-1/2" PKR
1:00	Set PKR @ 2,814'
1:15	Spot Frac Pump and Acid Transport
2:15	Pump 2,000 gal of 15% acid and inhibitor in 2 stages
4:00	Flush
4:35	Establish injection rate. Perform step rate test,
6:00	RD Frac Pump
7:00	POOH w/ TBG to prepare for WL Friday morning.
8:00	Secure well. SDFN
	When we began the acid job we started at 2 BPM due to lockup on pump and could not go lower. Established a flow rate at 2 bpm @ 1240 pis. First stage
	of acid @ 2 BPM increased pressure to 1,400 psi. Increased to 3 BPM and pressure increased to 1,500 psi. We flushed acid. Shut well in. Pressure dropped
	back to 1,270 psi. Waited 15 minutes and began 2nd stage. 2 BPM @ 1,400 psi. Went to 3 BPM and pressure increased to 1,500 psi. Went to 4 BPM @
•	1,515 psi. 5 BPM @ 1,572 psi. Fell to 1,535 psi after flush. Shut in well and pressure dropped to 1,249 psi. On attempt of of step rate test, established a rat
	of 2 BPM, pressure started at 1,440 psi. Could not increase rate over 2 BPM due to exceeding MASIP.

Operator:	Select Water Solutions, LLC		Well Name:	Yates #5
Date:	11/17/2023 Report No.:	5	Cty, State:	Jal, NM

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Current / Planne	ed Operations:	Out of hole w/TBG./ In the morning we will RIH w/WL to perf. RIH w/3.5. Acidize. Flush. Step test. POCRIH w/ 2 3/8 production string. Set PKR. Pump 77 bbls of KCL. NU Prod Line back to MV. RDMO.					
Daily Cost Cumulative Cost Planned Cost		-					
Casing F	Casing Record Tubing Record Packer / Bridge Plug Record				cord		
Size	Depth	Siz	e	Depth	Brand /	Model	Depth
5 1/2	3198	2 3	/8	3040	AD	-1	3044
	Formation	From	То	Density	Shots per ft.	Total shots	Gun Type
Perforations	YATES	3140	3125	0	4	100	(

Hours	Operation
7:00	Tailgate Safety Meeting.
7:20	Check pressure on well. 0 tbg/ 0 csg
7:45	Went through equipment to make sure we were ready for WL
8:00	WL arrived on location.
8:20	RU WL.
9:00	RIH with WL to perform Gamma Neutron Log
9:45	Tag bottom at 3122.4'
9:50	Log back to surface.
11:30	Out hole with WL.
12:00	RD WL
12:15	Wait on Instructions
3:00	Secure Well SDFN.

Completion / Workover Report

Operator:	Select Water Solutions, LLC		Well Name:	Yates #5
Date:	11/18/2023 Report No.:	6	Cty, State:	Jal, NM

Current / Planned Operations: TBG out of the hole. RIH w/WL to perf. RIH w/TBG to pump acid. Flush. Perform Step test. Pooh w. 3.5 lay down on racks.

Daily Cost Cumulative Cost Planned Cost

Casing F	Record	Tubing Record		Packer / Bridge Plug	Record
Size	Depth	Size	Depth	Brand / Model	Depth
5 1/2	3198	2 3/8	3040	AD-1	3044

	Formation	From	То	Density	Shots per ft.	Total shots	Gun Type	
	YATES	3140	3125	0	4	100		0
Perforations	Upper Yates	2900	2850		6	300	Slick	
		3025	2995		6	150	Slick	
		2985	2965		6	150	Slick	

Hours	Operation
10:00	Safety Meeting.
10:30	Check Pressures on Well. 0 Tbg 0 Csg
10:35	RU WL
10:45	WL built guns to shoot 3025-2995
11:00	Filled well to RIH w/WL.
11:30	RIH w/WL to tag btm @ 3124'. Shoot 1st set of Perfs
12:00	Pooh w/WL
12:20	WL built guns to shoot 2985-2965
12:40	RIH w/WL to shoot. Detonator went off but guns did not fire. POOH.
1:00	Rebuilt charge, went back in the hole.
1:20	Successful shots. Pooh.
1:30	Install PKR on 3.5 tbg. RIH
2:20	Set PKR at 2814. to perform Acid job and step test.
3:20	Pump Brine @ 2bbls BPM @ 1250
3:25	Swap to Acid at 2.5 BPM @ 1250 PSI.
3:50	Swap to Brine to perform Step test.
3:55	Start at 2 BPM @ 1350 to 10 BPM @ 1900 PSI.
4:25	Shut in well. Monitor Pressure. Pressure dropped to 1240 and held.
4:30	Open well. Well began to flowback to rig tank. Pressure fell to 800 PSI during FB.
7:30	POOH w/ 3.5 laying down
8:44	Out of hole w/TBG. Close Blinds. Well is static
9:00	Swap BOP Rams from 3.5 to 2 3/8
9:30	Secure Well
10:00	SDFN

Operator:	Select Water Solutions, LL0)	Well Name:	Yates #5
Date:	11/19/2023 Report No.	: 7	Cty, State:	Jal, NM

-uto:	11/10/2020	report item	•	oty, otato.	oai, i iii		
Current / Planned Operations: RIH w/ Production String. RD MO. Clean location							
Daily Cost Cumulative Cost Planned Cost							
Casing F	Record		Tubing Record		Packe	r / Bridge Plug R	ecord
Size	Depth	Si	Size D		Brand / Model		Depth
5 1/2	3198	2 3/8		2844	AD	-1	2845
	Formation	From	То	Density	Shots per ft.	Total shots	Gun Type
	YATES	3140			011013 pc1 11.	100	
Perforations	Upper Yates	2900			6		Slick
		3025	2995		6	150	Slick
		2985	2965		6	150	Slick

Operation
Held Safety Meeting
Check Pressure on Well. 0 on TBG and 0 on CSG
RIH w/Prodcution String
Land PKR @ 2,845'. Set PKR.
Circulate PKR Fluid.
NU Wellhead. RD Rig
Load up Equipment. Wait on TBG Truck. Clean up location. End of Job

EASE & WELL NO.	Yates #5 SWI		FORMER NAME State of NM "AD" #2			
FIELD NAME	Rhodes Yates Seven Rivers		COUNTY & STAT	TE Lea County, NM		
LOCATION	660' FNL \$ 660' FWL, F	-27-26S-37E	API NO.	30-025-12072		
				11/19/2023		
K.B. ELEV.	2,989' (DF)		CURRENT COMPLETION			
GROUND LEVEL	2,979'	11" Hole Size		Formation Tops MD		
SHOOMS LEVEL		11 11010 0120		Top of Salt 1250'		
				Base of Salt 2800'		
			7	Γop of Yates 2840'		
C17E 0 E /0!!	SURFACE CASING	DEDTH 4207				
SIZE <u>8-5/8"</u> GRADE	WEIGHT 32.0# SX. CMT. 200 sx	DEPTH 1207' TOC @ surf				
GRADE	3A. CIVIT					
WELL HISTORY		7-3/4" Hole Size				
COUR DATE.	10/29/1943					
SPUD DATE: RR DATE:						
COMPLETION DATE:	12/1/1943					
				Depth Degrees		
	DDODUCTION CACING					
SIZE 5-1/2"	PRODUCTION CASING WEIGHT 14# & 15#	DEPTH 3198'				
GRADE J-55	SX. CMT. 200 sx	TOC @	5-1/2	" Pkr Set @ 2,845'		
				- ,		
			4-1/2	" Liner Top @ 3,103'		
	PRODUCTION LINER					
SIZE <u>4-1/2"</u>	WEIGHT	DEPTH 3,103'-3,329'				
GRADE	SX. CMT	TOC @	Perfs	@ 2,850'-3,140' (4spf 1/4/1994)		
		PBTD@ 3,329' OH	 	Fracd w/74K # sand		
		TD@ 3,329'				
			·			

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 526913

CONDITIONS

Operator:	OGRID:
LeaCo Operating, LLC	331439
2121 Sage Road	Action Number:
Houston, TX 77056	526913
	Action Type:
	[C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	11/18/2025