## Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35087221810000 **Completion Report** Spud Date: October 17, 2018

OTC Prod. Unit No.: 087-226544-0-0000 Drilling Finished Date: November 29, 2018

1st Prod Date: January 01, 2020

Completion Date: December 21, 2019

**Drill Type: HORIZONTAL HOLE** 

Min Gas Allowable: Yes

Well Name: PARKER 7N 2W 33 4HX Purchaser/Measurer: ENERFIN RESOURCES CO

Location: MCCLAIN 28 7N 2W First Sales Date: 01/09/2020

SE NE SW SW

753 FSL 1233 FWL of 1/4 SEC

Derrick Elevation: 0 Ground Elevation: 1099

LIME ROCK RESOURCES IV-A LP 24419 Operator:

> 1111 BAGBY ST STE 4600 HOUSTON, TX 77002-2559

	Completion Type					
Х	Single Zone					
Multiple Zone						
	Commingled					

Location Exception		
Order No		
695049		

Increased Density			
Order No			
687725			
687589			

Casing and Cement								
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT	
CONDUCTOR	20	133	X-56	103		10		
SURFACE	13 3/8	54.5	J-55	440		460	SURFACE	
INTERMEDIATE	9 5/8	40.0	P-110	6845		780	5556	
PRODUCTION	5 1/2	20.0	P-110	18283		2745	13874	

				Liner					
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth	
	There are no Liner records to display.								

Total Depth: 18298

Packer				
Depth	Brand & Type			
7100	AS-1X			

Plug					
Depth Plug Type					
There are no Plug records to display.					

**Initial Test Data** 

March 16, 2020 1 of 2

Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Jan 09, 2020	WOODFORD	268	46.8	184	687	1911	PUMPING		16/64	376

#### Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders				
Order No	Unit Size			
652167	640			
695050	MULTIUNIT			

Perforated Intervals				
From	То			
7974	18144			

# Acid Volumes 27,523 GALLONS 15% HCL

Fracture Treatments				
21,650,339 BBLS WATER, 11,492,952 POUNDS 100 MESH SAND, 11,494,226 POUNDS 40/70 OTTAWA SAND.				

Formation	Тор
GIBSON	7128
HART	7227
WOODFORD	7542

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

### Other Remarks

KOP @ 6,955'. WELL PERMITTED / DRILLED BY BP, BUT WAS COMPLETED BY LIME ROCK. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

## **Lateral Holes**

Sec: 4 TWP: 6N RGE: 2W County: MCCLAIN

SW SW SE SW

67 FSL 1581 FWL of 1/4 SEC

Depth of Deviation: 7024 Radius of Turn: 8137 Direction: 180 Total Length: 10140

Measured Total Depth: 18298 True Vertical Depth: 7674 End Pt. Location From Release, Unit or Property Line: 67

## FOR COMMISSION USE ONLY

1144731

Status: Accepted

March 16, 2020 2 of 2

1/29/20 DATE

cmartin@limerockresources.com

EMAIL ADDRESS

713/292-9510 PHONE NUMBER

Form 1002A Rev. 2009

(PLEASE TYPE OR USE BLACK INK ONLY)

## OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

JAN 31 2020

OTC F	PROD. 087-226	544-0-0000				Conservati			J	HIN D I	. 2020			
	_				Oklahoma Cit	y, Oklahom	a 73152-20	000	OKLAHO	MA COF	RPORAT	ION		
<u>x</u>	ORIGINAL AMENDED (Reason)					Rule 165:10- LETION R			COMMISSION					
TYPE	OF DRILLING OPERATIO	<u> </u>	7	SPUD	DATE	10/1	7/18		· <del>y · · · · · q · · · · ·</del>	640 Acres				
	SERVICE WELL		HORIZONTAL HOLE		FINISHED			L				Ш		
COUN		verse for bottom hole location.  SEC 28 TW	P 7N RGE 2W		OF WELL	$\frac{11/2}{12/2}$						Ш		
LEAS	F		WELL	_	ROD DATE	12/2 01/ <del>0</del>	·	rer _				Ш		
NAME		7N 2W 33	NO. 4HX	_		01/0		AH, WY				E		
SE	TION	17 SW 17 1/4 SEC	753 1/4 SEC 123		OMP DATE ongitude			100x4		1				
Derric	(FL Groun	d 1099 Latitude (if kr			if known)			"	1			$\Box$		
NAME	Lime Ro	ck Resources I	V-A, LP	PERATO		24419								
ADDF	ess 1111 Baş	gby St., Ste.	4600					<del>                                     </del>	<del>                                     </del>	++	<del>                                     </del>	+		
CITY	Houston		STATE	ĽΧ	ZIP 7	77002			<del></del>	OCATE WE	<u>                                     </u>			
$\overline{}$	PLETION TYPE		CASING & CEMENT		_				T					
X	SINGLE ZONE MULTIPLE ZONE		TYPE	SIZE	WEIGHT	GRADE		FEET	PSI	SAX	TOP OF	CMT		
⊢	Application Date COMMINGLED		CONDUCTOR	20	133#			03	<del> </del>	10	0 (			
LOCA	Application Date TION EXCEPTION	695049			54.5			40	-70	460 0 <del>52</del> 5	Surf			
INCR	R NO. EASED DENSITY	687725/687589	.	<del></del>	40.0				18	2745	120			
ORDE	R NO.	1801/25/6010801	LINER	5-1/2	20.0	P110	182	03	<del>                                     </del>	2743	1387	<del>/ 4</del>		
	7100	D& TYPE AS-1X			l					TOTAL	1820	98 MD		
		D&TYPE AS-IA	PLUG @	— TYPE TYPE		PLUG @ .		TYPE		DEPTH		74 TVI	D	
СОМ	PLETION & TEST DATA	BY PRODUCING FORMATIO	- I. a <del>178</del>	FD										
FORM	MATION	Woodford	1	10		-				Z	ener	ted		
ORD	ING & SPACING ER NUMBER	640/652167	6950	500	Mulha	int)				1	Frac	Food	'S	
1	S: Oil, Gas, Dry, Inj, Comm Disp, Svc	011												
		7974-18144						ĺ						
PERF	ORATED	7974-10144			-									
INTE	RVALS									_	·			
ACID.	VOLUME	27523 gal 15%	нс1					-						
		21650339 BW												
1	TURE TREATMENT s/Prop Amounts)	11492952# 100	mesh									•		
		11494226# 40/	0 Ottawa						-					
		Min Gas All	•	)-17-7)			urchaser/N	leasurer	Eı			ources	s Co	
INIT	AL TEST DATA	OR Oil Allowab				First :	Sales Date		-	1/9/2	20			
INITI	AL TEST DATE	1/9/20												
OIL-E	BL/DAY	268												
OIL-G	RAVITY ( API)	46.8												
GAS-	MCF/DAY	184												
GAS-	OIL RATIO CU FT/BBL	687/1												
WAT	ER-BBL/DAY	1911												
PUMI	PING OR FLOWING	P												
INITI	AL SHUT-IN PRESSURE													
СНО	KE SIZE	16/64			-									
FLOV	V TUBING PRESSURE	376	1	+		$\top$								
An	ecord of the formations drill	ed through, and pertinent remarks	are presented on the rev	erse. I de	clare that I ha	ve knowled	ge of the co	ntents of this r	eport and am	authorized b	y my organia	zation		

Carla Martin/Regulatory Tech
NAME (PRINT OR TYPE)

7702

ZIP

ΤX

STATE

Houston

CITY

1111 Bagby St., Ste. 4600
ADDRESS

## PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD LEASE NAME Parker 7N 2W 33 Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested. WELL NO. 4HX NAMES OF FORMATIONS TOP FOR COMMISSION USE ONLY Gibson 7128 ITD on file TYES Hart 7227 APPROVED DISAPPROVED Woodford 7542 2) Reject Codes Were open hole logs run? yes X no Date Last log was run Was CO2 encountered? X no at what depths? Was H₂S encountered? X no at what depths? Were unusual drilling circumstances encountered? If yes, briefly explain below \_yes <u>X</u>\_no Other remarks: KOP @ 6955'. Well permitted/drilled by BP, but was completed by Lime Rock. 640 Acres **BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE** SEC TWP RGE COLINTY Spot Location Feet From 1/4 Sec Lines FSL **FWL** 1/4 Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line: BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS) ATERAL #1 4 2W 6N McClain Feet From 1/4 Sec Lines FSL FWL 1581 SESW4 BE SW 1/4 SW 1/4 Radius of Tum Depth of Total 180° S 7024' 8137' 10140' Deviation / U.Z.
Measured Total Depth If more than three drainholes are proposed, attach a 180 S Length
BHL From Lease, Unit, or Property Line: separate sheet indicating the necessary information. 68 18298 7674 Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the ATERAL #2 lease or spacing unit. RGE COUNTY Directional surveys are required for all Spot Location 1/4 Feet From 1/4 Sec Lines FSL FWL drainholes and directional wells. 1/4 1/4 1/4 640 Acres Depth of Radius of Turn Total Direction Deviation Measured Total Depth Length True Vertical Depth BHL From Lease, Unit, or Property Line: ATERAL #3 TWP COUNTY RGE Spot Location Feet From 1/4 Sec Lines FWL. FSL 1/4 1/4 Depth of Radius of Turn Direction Total Deviation Measured Total Depth Length BHL From Lease, Unit, or Property Line: True Vertical Depth

Form 1002A Rev. 2009

API 007 00404	PLEASE TYPE OR USE	DI VOK IVIK OVII A					RE	CE		D
NO. 087-22181 OTC PROD. UNIT NO.	(FLEASE TIPE OR USE	BLACK INK UNLT)	0	Oil & Gas Post	Conservat		FEB 1 3 2020			
ORIGINAL  AMENDED (Reason)	1st prod date, perfora	ated intervals	F	na 73152-2000 0-3-25 REPORT	OKLAHOMA CORPORATIO COMMISSION					
TYPE OF DRILLING OPERATION		HORIZONTAL HOLE	SPUE	SPUD DATE 10/17/18				·	_	
SERVICE WELL If directional or horizontal, see re-		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DRLG FINISHED 11/30/18 DATE							4
COUNTY McCla		7N RGE 2W	DATE	OF WELL PLETION	12/2	1/19			$\Box$	_
LEASE PA	RKER 7N 2W 33	WELL 4H		ROD DATE	1/20					
SE 1/4 NE 1/4 SW	1/4 SIN 1/4 FSL OF 7	NO. FWL 42	OMP DATE							
ELEVATION Group	1/4 SEC	1/4 SEC	<del></del>	ongitude	07.41	99414				
Demck FL	IE ROCK RESOURCES		OTC / OCC	if known)						٦
NAME LIVE ADDRESS			OPERATO		244	419				٦
	1111 BAGBY ST., :						-			٦
	HOUSTON	STATE	TX	ZIP	770	002 L	L	OCATE WE		
X SINGLE ZONE		TYPE	T (Attach F	orm 1002C) WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	ī
MULTIPLE ZONE		CONDUCTOR	20	133	X56	103		10	, OF OF CMI	$\dashv$
Application Date COMMINGLED		SURFACE	13-3/8	54.5	J55	440		460	SURF	
Application Date LOCATION EXCEPTION		INTERMEDIATE	9 5/8			6,845		525	5,556	┥
ORDER NO. INCREASED DENSITY ORDER NO.		PRODUCTION	5 1/2	20	P110	18283	-	2745	13874	$\dashv$
ORDER NO.		LINER								┪
PACKER @ 7,100 BRAN PACKER @ BRAN COMPLETION & TEST DATA		PLUG @				TYPETYPE		TOTAL DEPTH	18298 ME	2]
FORMATION	WOODFORD									
SPACING & SPACING ORDER NUMBER	640/652167									
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL	1								ı
	7974-18144									٦
PERFORATED								$\neg \vdash$		٦
INTERVALS			_							$\dashv$
										╛
ACID/VOLUME	27523 gal 15% HC1									╛
FRACTURE TREATMENT	21650339 BW				_					4
(Fluids/Prop Amounts)	11492952# 100 mesh									
	11494226# 40/70									7
	Ottawa Min Gas Allov	(165):	10-17-7)			Purchaser/Measurer	ENIC	DEIN B	ESOURCE	_
INITIAL TEST DATA	OR Oil Allowable	•	10-17-7			Sales Date	ENL		2020 2020	<u></u>
INITIAL TEST DATE	1/9/2020									$\neg$
OIL-BBL/DAY	268		$\top$					$\neg \vdash$		1
OIL-GRAVITY ( API)	46.8				+					$\exists$
GAS-MCF/DAY	184							$\top$		$\dashv$
GAS-OIL RATIO CU FT/BBL	687/1		+		_			_		$\dashv$
WATER-BBL/DAY	1911			-	_					$\dashv$
PUMPING OR FLOWING	P				+			_		$\dashv$
INITIAL SHUT-IN PRESSURE	-									$\dashv$
CHOKE SIZE	16/64									$\dashv$

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief. Caila Martin Carla Martin/Regulatory Tech 2/11/2020 713-360-5834 NAME (PRINT OR TYPE) DATE

SIGNATURE

1111 Bagby St. Ste 4600, Attn: Regulatory

ADDRESS

376

FLOW TUBING PRESSURE

PHONE NUMBER

**HOUSTON** TX 77002 CITY STATE ZIP

hr.dmarberry@limerockresources.com **EMAIL ADDRESS** 

# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give	formation	names	and tops,	if available,	or descriptions	and thickness of form	nations
drilla	d through	Show	intervale	cored or dril	letom tested		

								1									
NAMES O	_	RMATI	ONS						TOP	4				FO	R COMMIS	SSION USE ONL	Y
GIBSO	N							1	,128		ITD on file		YES	□ NO			
HART		20							,227		APPROVE	D	DISAPP	ROVED	2) Reject	Codes	
WOOD	FUI	ΚD						- '	542						_, ,		
																	,
											Were ope	n hole logs	run?	yes	_X_no		
											Date Last	iog was run					_
											Was CO <sub>2</sub>	encountere	d?			at what depths	
											Was H <sub>2</sub> S	encountered	1?	yes	no	at what depths	
												sua! drilling efly explain t		nces encounter	red?		yes _X_no
											iii yes, biic	my explain t	00101				
Other rem	arks.	146	-														
		_			_			PERMI	ITED A	AND I	DRILLED BY	BP. TH	IE OPE	ERATOR C	HANGE	D TO LIME	ROCK RESOURCE
AND W	AS	CON	IPLE	IED	BY	IME	ROCK.									- 1811	
		640	Acres				вотто	M HOLE LO	OCATION	FOR E	DIRECTIONAL HO	DLE					
	$\perp$	_	<u> </u>	_	L	Ш	SEC	TWP		RGE		COUNTY			· · · · · · · · · · · · · · · · · · ·		
	_	_	<u> </u>		L	Ш	Spot Loc			1			Feet	From 1/4 Sec L	ines	FSL	FWL
_	┸	$\perp$	┶	<u> </u>	_	Ш	Measure	1/4 d Total De	pth	1/4	1/4 True Vertical De	pth	1/4	From Lease, U			
$\perp$	_	_	<u> </u>	<u> </u>		Ш											
	┸	$\perp$			L	Ш	вотто	M HOLE LO	OCATION	FOR H	HORIZONTAL HO	LE: (LATE	RALS)				
	L		_		L	Ш	LATERA	L #1					_			-	
							SEC 4		6N	RGE	2W	COUNTY			М	cCLAIN	
	┙	$\perp$					Spot Loc SE	ation 1/4	SE	1/4	SW 1/4	sw	1/4 Feet	From 1/4 Sec L	ines	FSL 68	FWL 1581
f more than	three	drainhol	es are p	roposed	d, attacl	n a	Depth of Deviation	1	7,024		Radius of Turn	8137			180 S	Total Length	10,140
separate sh	eet ind	dicating t	he nece	ssary in	formati	on.	Measure	d Total De 18,2	•		True Vertical De	•	BHL	From Lease, U		•	Δ/Ι
Direction mu Please note								10,2	.90		7,6	074			00 FS	L & 1581' F	VVL
point must b			n the bo	undarie	s of the		LATERA SEC	L #2		RGE		COUNTY					
Direction	ai su	rveys	are rec	uired	l for a	II	Spot Loc						T			T	
drainhole	s an		tional Acres	wells			Depth of	1/4		1/4	1/4 Radius of Turn		1/4 Feet	From 1/4 Sec L	ines	FSL Total	FWL
	1		Γ				Deviation		oth	_	True Vertical De	oth		From Lease, U	nit or Prone	Length	
	T	$\top$	1			П	1,41003016	- 10ta De	p-11		. rac vertical De	Post I	5112	Sin Lease, Ol	, or Frope	ory Ellio.	
	T	$\top$			$\vdash$	$\Box$	LATERA	1 #2			<u>.                                    </u>						
$\top$	T	1	Τ			М	SEC	TWP		RGE		COUNTY					
	T		†	$\vdash$		$\vdash$	Spot Loc			1/1			Feet	From 1/4 Sec L	ines	FSL	FWL
	T		T		$\vdash$	$\vdash$	Depth of			1/4	1/4 Radius of Turn		Direc			Total	
+	,	+-	$\vdash$		$\vdash$	H	Deviation Measure	n d Total Dep	pth		True Vertical De	pth	BHL	From Lease, U	nit, or Prope	Length erty Line:	
	4-	-	-	<del>  -</del>	-	$\vdash$											

PARKER 7N 2W 33

LEASE NAME

4HX

WELL NO. \_

Image @ 100ZA

#### Well Location Plat As-Drilled S.H.L. Sec. 28-7N-2W I.M. B.H.L. Sec. 4-6N-2W I.M. Operator: LIME ROCK RESOURCES IV-A LP Lease Name and No.: PARKER 7N 2W 33 4HX Footage: 753' FSL - 1233' FWL Gr. Elevation Gr. Elevation: 1099' Section: 28 Township: 7N Range: 2W County: McClain State of Oklahoma County: McClain Terrain at Loc.: Location fell in timber with a pipeline to the West. "CAMWOOD DOW! All bearings shown are grid bearings. 1" = 1500 **GPS DATUM NAD 83 NAD 27** 28 0 OK SOUTH ZONE Surface Hole Loc.: Surface Hole Loc. Lat: 35°02'46.65"N Lon: 97°25'10.68"W Lat: 35°02'46.91"N Lon: 97°25'11.79"W Lat: 35.04629205 Lat: 35.04636258 Lon: -97.41994141 Lon: -97.41963360 KOP: 424' FSL - 1626' FWL MD: 6955' X: 2142124 Y: 623918 X: 2173720 Y: 623875 Kick Off Point: Kick Off Point: Lat: 35°02'43.63"N Lat: 35°02'43.38"N 753 Lon: 97°25'07.05"W Lon: 97°25'05.95"W Lat: 35.04538361 Lat: 35 04545415 Lon: -97.41862609 Lon: -97.41831830 :623161 :623177 SEC. 33 CROS 1599' FWL MD: 7754' TVD: 7550' SW. X: 2142519 X: 2174116 Y: 623590 404 Y: 623547 RD. Section 33 Crossing: Section 33 Crossing Lat: 35°02'39.19"N Lat: 35°02'39.44"N Lon: 97°25'07.37"W Lon: 97°25'06.26"W Lat: 35.04428975 Lat: 35.04421918 Lon: -97.41840531 X: 2174092 Lon: -97.41871308 X: 2142496 Y: 623166 Y: 623123 First Take Point: First Take Point: Lat: 35°02'37.30"N Lon: 97°25'07.40"W Lat: 35°02'37.05"N Lon: 97°25'06.29"W Lat: 35.04362520 33 Lat: 35.04369580 217780 Lon: -97.41872242 Lon: -97.41841466 X: 2142494 Y: 622950 X: 2174091 Y: 622907 Section 4 Crossing: Section 4 Crossing: Lat: 35°01'47.03"N Lat: 35°01'46.77"N Lon: 97°25'07.73"W Lon: 97°25'06.63"W Lat: 35.02972930 Lat: 35.02965845 Lon: -97.41881483 Lon: -97.41850730 X: 2142496 X: 2174092 SEC. 4 CROS 1563' FWL Y: 617866 Y: 617823 Last Take Point: Last Take Point: Lat: 35°00'56.76"N Lon: 97°25'07.62"W T7N - R2W Lat: 35°00'56.51"N Lon: 97°25'06.51"W Lat: 35.01576795 Lat: 35.01569680 :617872 Lon: -97.41878306 Lon: -97.41847571 X: 2142535 X: 2174131 Y: 612785 r: 612742 Bottom Hole Loc. Bottom Hole Loc.: Lat: 35°00'55.24"N Lat: 35°00'54.99"N Lon: 97°25'07.63"W Lon: 97°25'06.52"W Lat: 35.01527371 Lat: 35.01534487 Lon: -97.41878586 Lon: -97.41847854 X: 2142535 Y: 612631 X: 2174131 -Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Surv-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupati thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey. 0 LAST TAKE POINT: 222' FSL - 1582' FWL MD: 18144' BOTTOM HOLE LOC 68' FSL - 1581' FWL MD: 18298' TVD: 7674' C CSION. WILLIAM SECTION AL (AR) Arkoma Surveying and Mapping, PLLC Certification: P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030 LANCE G. This is to certify that this Well Location Plat represents **MATHIS** the results of a survey made on the ground performed under the supervision of the undersigned. 1664

Ph. 918-465-5/11 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020
Invoice #8077-B-AD
Date Staked: 08/16/18 By: J.W.
Date Drawn: 11/25/19 By: J.H.
Rev. Sec. Crossing MD/TVD: 12/06/19 By: R.S.
Revised Operator: 12/19/19 By: R.S.

LANCE G. MATHIS

12/19/19

OK I PLS 1664

