

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

API No.: 35087221790000

Completion Report

Spud Date: October 23, 2018

OTC Prod. Unit No.: 087-226543-0-0000

Drilling Finished Date: November 11, 2018

1st Prod Date: January 05, 2020

Completion Date: December 21, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: PARKER 7N 2W 33 3HX

Purchaser/Measurer: ENERFIN RESOURCES CO

Location: MCCLAIN 28 7N 2W
SE NE SW SW
753 FSL 1203 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1100

First Sales Date: 01/06/2020

Operator: LIME ROCK RESOURCES IV-A LP 24419

1111 BAGBY ST STE 4600
HOUSTON, TX 77002-2559

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
695046

Increased Density
Order No
687725
687589

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	133	X-56	103		10	
SURFACE	13 3/8	54.5	J-55	438		460	SURFACE
INTERMEDIATE	9 5/8	40.0	P-110	6804		790	5645
PRODUCTION	5 1/2	20.0	P-110	18297		2665	12102

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

Total Depth: 18308

Packer	
Depth	Brand & Type
7100	AS-1X

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

Initial Test Data

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 08, 2020	WOODFORD	243	45	206	848	1328	PUMPING		16/64	265

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
652167	640
695045	MULTIUNIT

Perforated Intervals

From	To
7980	18151

Acid Volumes

27,762 GALLONS 15% HCL

Fracture Treatments

21,755,916 GALLONS WATER, 11,499,171 POUNDS 100 MESH SAND, 11,390,455 POUNDS 40/70 OTTAWA SAND.

Formation	Top
GIBSON	7134
HART	7239
WOODFORD	7553

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

KOP @ 7,045'. 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

SE SW SW SW

70 FSL 497 FWL of 1/4 SEC

Depth of Deviation: 7154 Radius of Turn: 7980 Direction: 183 Total Length: 10146

Measured Total Depth: 18308 True Vertical Depth: 7722 End Pt. Location From Release, Unit or Property Line: 70

FOR COMMISSION USE ONLY

Status: Accepted

1144729

RECEIVED

Form 1002A
Rev. 2009

JAN 31 2020

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

OKLAHOMA CORPORATION
COMMISSION

COMPLETION REPORT

API NO. 35-087-22179
OTC PROD. UNIT NO. 087-226543-0000

(PLEASE TYPE OR USE BLACK INK ONLY)

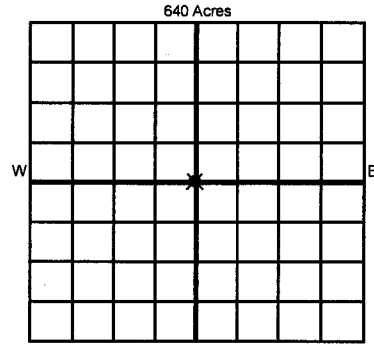
☒ ORIGINAL
☐ AMENDED (Reason) _____

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY	McClain	SEC	28	TWP	7N	RGE	2W	SPUD DATE	10/23/18
LEASE NAME	Parker 7N 2W 33	WELL NO.	3HX	DATE OF WELL COMPLETION	12/21/19	1st PROD DATE	01/05/20	DRLG FINISHED DATE	11/11/18
SE 1/4	NE 1/4	SW 1/4	SW 1/4	FSL OF 1/4 SEC	753	FWL OF 1/4 SEC	1203	RECOMP DATE	
ELEVATION	Ground	1100	Latitude (if known)		Longitude (if known)				
OPERATOR NAME	Lime Rock Resources IV-A, LP	OTC / OCC OPERATOR NO.	24419						
ADDRESS	1111 Bagby St., Ste. 4600								
CITY	Houston	STATE	TX	ZIP	77002				



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE	
<input type="checkbox"/> MULTIPLE ZONE	
Application Date	
<input type="checkbox"/> COMMINGLED	
Application Date	
LOCATION EXCEPTION ORDER NO.	695046
INCREASED DENSITY ORDER NO.	687725/687909

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	20	133#	X56	103		10	
SURFACE	13-3/8	54.5	J55	438		460	Surf
INTERMEDIATE	9-5/8	40.0	P110	6804		790	5645
PRODUCTION	5-1/2	20.0	P110	18297		2665	12102
LINER							

PACKER @ 7100 BRAND & TYPE AS-1X PLUG @ TYPE PLUG @ TYPE
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE
TOTAL DEPTH 18308 MD
7722 TVD

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Woodford					
SPACING & SPACING	640/652167					
ORDER NUMBER						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil					
PERFORATED INTERVALS	7980-18156 18151					
ACID/VOLUME	27762 gal 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	21755916 gal wtr					
	11499171# 100 mesh					
	11390455# 40/70 Ottawa					

☒ Min Gas Allowable (165:10-17-7)
OR
☐ Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer
First Sales Date

Enerfin Resources Co
1/6/20

INITIAL TEST DATA

INITIAL TEST DATE	1/8/20				
OIL-BBL/DAY	243				
OIL-GRAVITY (API)	45.0				
GAS-MCF/DAY	206				
GAS-OIL RATIO CU FT/BBL	848/1				
WATER-BBL/DAY	1328				
PUMPING OR FLOWING	P				
INITIAL SHUT-IN PRESSURE					
CHOKE SIZE	16/64				
FLOW TUBING PRESSURE	265				

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.

Carla Martin
1111 Bagby St., Ste. 4600
Houston TX 77002
cmartin@limerockresources.com

Carla Martin/Regulatory Tech
1/29/20 713/292-9510
DATE PHONE NUMBER

Per Attached 1002A

PLEASE TYPE OR USE BLACK INK ONLY

FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Parker 7N 2W 33

WELL NO. 3HX

NAMES OF FORMATIONS	TOP
Gibson	7134
Hart	7239
Woodford	7553

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes _____

Were open hole logs run? _____ yes ☒ no

Date Last log was run _____

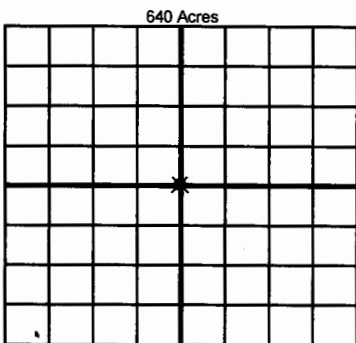
Was CO₂ encountered? _____ yes ☒ no at what depths? _____

Was H₂S encountered? _____ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? _____ yes ☒ no

If yes, briefly explain below _____

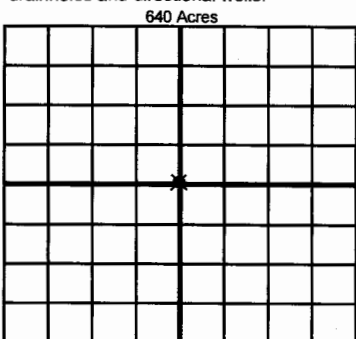
Other remarks: KOP @ 7045'. Well permitted/drilled by BP, but was completed by Lime Rock.



If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC	TWP	RGE	COUNTY
4	6N	2W	McClain
Spot Location	SE 1/4	SW 1/4	SW 1/4
Depth of Deviation	7154'	Radius of Turn	7980'
Measured Total Depth	18308	True Vertical Depth	7722
Direction	180° S 183'	Total Length	10146'
BHL From Lease, Unit, or Property Line:			

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn	Direction	Total Length
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	

API NO. 087-22179
OTC PROD.
UNIT NO.

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

RECEIVED

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Rev. 2009

FEB 13 2020

☐ ORIGINAL
☒ AMENDED (Reason)

perf intervals

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY **McClain** SEC **28** TWP **7N** RGE **2W**
LEASE NAME **PARKER 7N 2W 33** WELL NO. **3HX**
SE 1/4 NE 1/4 SW 1/4 SW 1/4 FSL OF 1/4 SEC **753** FWL of 1/4 SEC **1203**
ELEVATION Derrick FL **Ground** **1100** Latitude (if known) **35.0463606** Longitude (if known) **-97.4200416**
OPERATOR NAME **LIME ROCK RESOURCES IV-A, LP** OTC / OCC OPERATOR NO. **24419**
ADDRESS **1111 BAGBY ST., STE. 4600 ATTN: Regulatory**
CITY **HOUSTON** STATE **TX** ZIP **77002**

COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO.
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Attach Form 1002C)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	20	133	x56	103		10	
SURFACE	13 3/8	54.5	J55	438		460	SURF
INTERMEDIATE	9 5/8	40	P110	6,804		790	5,645
PRODUCTION	5 1/2	20	P110	18297		2665	12102
LINER							

PACKER @ **7,100** BRAND & TYPE **AX-1X** PLUG @ TYPE PLUG @ TYPE
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE
TOTAL DEPTH **18308 MD**

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	WOODFORD					
SPACING & SPACING ORDER NUMBER	640/652167					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL					
	7980-18151					
PERFORATED INTERVALS						
ACID/VOLUME	27762 gal 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	21755916 gal wtr					
	11499171 #100 mesh					
	11390455# 40/70 Ottawa					

Min Gas Allowable (165:10-17-7)

Gas Purchaser/Measurer

ENERFIN RESOURCES

☐

OR

First Sales Date

1/6/2020

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	1/8/2020					
OIL-BBL/DAY	243					
OIL-GRAVITY (API)	45					
GAS-MCF/DAY	206					
GAS-OIL RATIO CU FT/BBL	848/1					
WATER-BBL/DAY	1328					
PUMPING OR FLOWING	P					
INITIAL SHUT-IN PRESSURE						
CHOKE SIZE	16/64					
FLOW TUBING PRESSURE	265					

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.

Carla Martin SIGNATURE NAME (PRINT OR TYPE) **Carla Martin/Regulatory Tech** DATE **2/11/2020** PHONE NUMBER **713-360-5834**
1111 Bagby St. Ste 4600, Attn: Regulatory HOUSTON TX 77002 hr.dmarberry@limerockresources.com
ADDRESS CITY STATE ZIP EMAIL ADDRESS

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

NAMES OF FORMATIONS	TOP
GIBSON	7,134
HART	7,239
WOODFORD	7553

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED	DISAPPROVED
2) Reject Codes	

Were open hole logs run? ___ yes X no

Date Last log was run _____

Was CO₂ encountered? ___ yes X no at what depths? _____

Was H₂S encountered? ___ yes X no at what depths? _____

Were unusual drilling circumstances encountered? ___ yes X no

If yes, briefly explain below

Other remarks: KOP @ 7045' THIS WELL WAS PERMITTED AND DRILLED BY BP. THE OPERATOR CHANGED TO LIME ROCK RESOURCE AND WAS COMPLETED BY LIME ROCK.

640 Acres

A blank 10x10 grid for graphing. The grid is composed of 10 columns and 10 rows of squares. A thick horizontal line runs across the middle of the grid, separating the top 5 rows from the bottom 5 rows. A thick vertical line runs down the middle of the grid, separating the left 5 columns from the right 5 columns. The intersection of these two lines is at the center of the grid.

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth.
Please note, the horizontal drainhole and its end
point must be located within the boundaries of the
lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

640 Acres

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY			
Spot Location			Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4			
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC 4	TWP 6N	RGE 2W	COUNTY McCLAIN		
Spot Location			Feet From 1/4 Sec Lines		FSL 70
SE 1/4	SW 1/4	SW 1/4			FWL 498
Depth of Deviation 7,154		Radius of Turn 7980	Direction 180 S		Total Length 10146'
Measured Total Depth 18,308		True Vertical Depth 7,722	BHL From Lease, Unit, or Property Line: 70		

LATERAL #2

SEC	TWP	RGE	COUNTY							
Spot Location			1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL		FWL
Depth of Deviation		Radius of Turn		Direction			Total Length			
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:						

LATERAL #3

SEC		TWP		RGE		COUNTY	
Spot Location				Feet From 1/4 Sec Lines		FSL	FWL
1/4		1/4		1/4		1/4	
Depth of Deviation		Radius of Turn		Direction		Total Length	
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:			

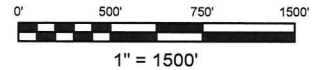
Well Location Plat As-Drilled

S.H.L. Sec. 28-7N-2W I.M.
B.H.L. Sec. 4-6N-2W I.M.

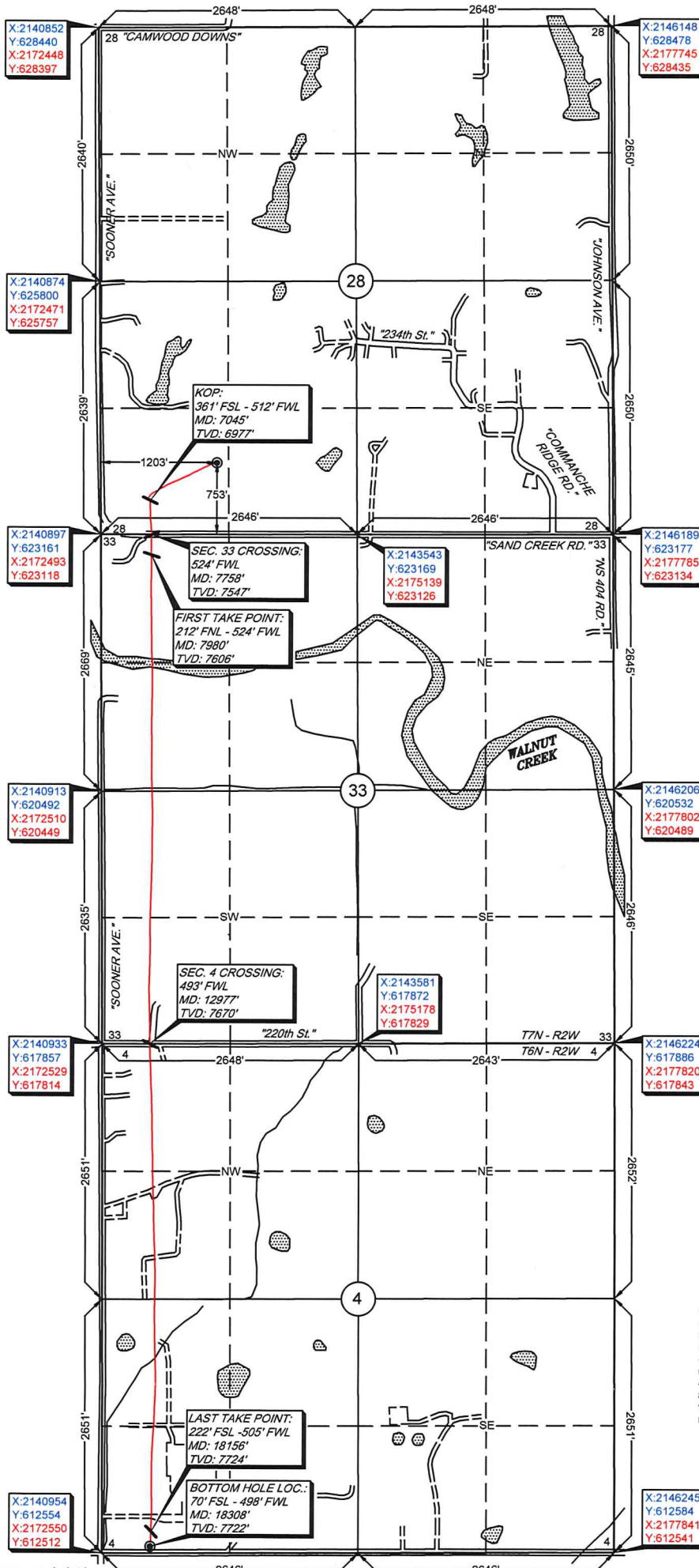
Operator: LIME ROCK RESOURCES IV-A, LP
Lease Name and No.: PARKER 7N 2W 33 3HX
Footage: 753' FSL - 1203' FWL Gr. Elevation: 1100'
Section: 28 Township: 7N Range: 2W I.M.
County: McClain State of Oklahoma
Terrain at Loc.: Location fell in timber with a pipeline to the West.



All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE



Surface Hole Loc.: Lat: 35°02'46.90"N Lon: 97°25'12.15"W Lat: 35.04636059 Lon: -97.42004160 X: 2142094 Y: 623917	Surface Hole Loc.: Lat: 35°02'46.64"N Lon: 97°25'11.04"W Lat: 35.04629008 Lon: -97.41973378 X: 2173690 Y: 623874
Kick Off Point: Lat: 35°02'43.04"N Lon: 97°25'20.46"W Lat: 35.04528911 Lon: -97.42234870 X: 2141405 Y: 623523	Kick Off Point: Lat: 35°02'42.79"N Lon: 97°25'19.35"W Lat: 35.04521861 Lon: -97.42204086 X: 2173002 Y: 623480
Section 33 Crossing: Lat: 35°02'39.47"N Lon: 97°25'20.29"W Lat: 35.04429721 Lon: -97.42230339 X: 2141421 Y: 623162	Section 33 Crossing: Lat: 35°02'39.22"N Lon: 97°25'19.18"W Lat: 35.04422668 Lon: -97.42199556 X: 2173017 Y: 623119
First Take Point: Lat: 35°02'37.38"N Lon: 97°25'20.29"W Lat: 35.04371569 Lon: -97.42230274 X: 2141423 Y: 622951	First Take Point: Lat: 35°02'37.12"N Lon: 97°25'19.18"W Lat: 35.04364515 Lon: -97.42199491 X: 2173019 Y: 622908
Section 4 Crossing: Lat: 35°01'47.02"N Lon: 97°25'20.60"W Lat: 35.02972893 Lon: -97.42238852 X: 2141426 Y: 617860	Section 4 Crossing: Lat: 35°01'46.77"N Lon: 97°25'19.49"W Lat: 35.02965812 Lon: -97.42208091 X: 2173022 Y: 617817
Last Take Point: Lat: 35°00'56.77"N Lon: 97°25'20.56"W Lat: 35.01576971 Lon: -97.42237786 X: 2141458 Y: 612779	Last Take Point: Lat: 35°00'56.51"N Lon: 97°25'19.45"W Lat: 35.01569860 Lon: -97.42207045 X: 2173054 Y: 612736
Bottom Hole Loc.: Lat: 35°00'55.27"N Lon: 97°25'20.66"W Lat: 35.01535276 Lon: -97.42240528 X: 2141451 Y: 612627	Bottom Hole Loc.: Lat: 35°00'55.01"N Lon: 97°25'19.55"W Lat: 35.01528167 Lon: -97.42209790 X: 2173047 Y: 612585

-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 Survey.
-Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020
Invoice #8077-A-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.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

12/19/19

OK LPLS 1664

