

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.: 35087221820000

**Completion Report**

Spud Date: October 08, 2018

OTC Prod. Unit No.: 087-226545-0-0000

Drilling Finished Date: December 11, 2018

1st Prod Date: January 05, 2020

Completion Date: January 08, 2020

**Drill Type:** HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: PARKER 7N 2W 33 5HX

Purchaser/Measurer: ENERFIN RESOURCES CO

Location: MCCLAIN 28 7N 2W  
SE NE SW SW  
754 FSL 1263 FWL of 1/4 SEC  
Derrick Elevation: 0 Ground Elevation: 1097

First Sales Date: 01/08/2020

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	
695047	

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	428		460	SURFACE
INTERMEDIATE	9 5/8	40.0	P-110	6950		815	5835
PRODUCTION	5 1/2	20.0	P-110	18280		2655	13389

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

**Total Depth: 18290**

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	147	46.8	113	769	1256	FLOWING		16/64	130

Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
652167	640
695048	MULTIUNIT

Perforated Intervals

From	To
8075	18206

Acid Volumes

30,110 GALLONS 15% HCL
------------------------

Fracture Treatments

21,685,381 GALLONS WATER, 11,541,503 POUNDS 100 MESH SAND, 11,534,448 POUNDS 40/70 OTTAWA SAND.
---

Formation	Top
GIBSON	7079
HART	7177
WOODFORD	7519

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

KOP @ 7,124'. 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 SE SE SW

173 FSL 2645 FWL of 1/4 SEC

Depth of Deviation: 7157 Radius of Turn: 8044 Direction: 177 Total Length: 10133

Measured Total Depth: 18290 True Vertical Depth: 7653 End Pt. Location From Release, Unit or Property Line: 173

FOR COMMISSION USE ONLY

Status: Accepted

1144733

API 35-087-  
NO. 22182  
OTC PROD.  
UNIT NO. 087-226545-0-0000

(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

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Form 1002A

Rev. 2009

JAN 31 2020

☒ ORIGINAL  
☐ AMENDED (Reason) \_\_\_\_\_

COMPLETION REPORT

TYPE OF DRILLING OPERATION

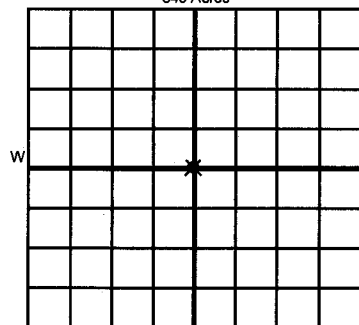
☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE  
☐ SERVICE WELL

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.	5HX		
SE 1/4 NE 1/4 SW 1/4 SW 1/4	FSL OF 1/4 SEC 75			FWL OF 1/4 SEC	1263		
ELEVATION	Ground 1097			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	

OKLAHOMA CORPORATION COMMISSION

640 Acres



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.	695047
INCREASED DENSITY ORDER NO.	687725/687584

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	428		460	Surface
INTERMEDIATE	9-5/8	40.0	P110	6950		815	5835
PRODUCTION	5-1/2	20.0	P110	18280		2655	13389
LINER							

PACKER @ 7100 BRAND & TYPE AS-1X PLUG @ TYPE PLUG @ TYPE  
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE  
COMPLETION & TEST DATA BY PRODUCING FORMATION 319 WDED

TOTAL DEPTH 18290 MD

7653 TVD

FORMATION	Woodford					
SPACING & SPACING	640/652167					
ORDER NUMBER						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil					
PERFORATED INTERVALS	8075-18218-18206					
ACID/VOLUME	30110 gal 15% HCl					
FRACTURE TREATMENT (Fluids/Prop Amounts)	21685381 gal wtr					
	11541503# 100 mesh					
	11534448# 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  
1/8/20

INITIAL TEST DATA

INITIAL TEST DATE	1/8/20					
OIL-BBL/DAY	147					
OIL-GRAVITY (API)	46.8					
GAS-MCF/DAY	113					
GAS-OIL RATIO CU FT/BBL	769/1					
WATER-BBL/DAY	1256					
PUMPING OR FLOWING	F					
INITIAL SHUT-IN PRESSURE						
CHOKE SIZE	16/64					
FLOW TUBING PRESSURE	130					

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

Carla Martin/Regulatory Tech

NAME (PRINT OR TYPE)

1/29/20 713/292-9512

DATE

PHONE NUMBER

1111 Bagby St., Ste. 4600

ADDRESS

Houston

CITY

TX

STATE

77002

ZIP

cmartin@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 formations drilled through. Show intervals cored or drillstem tested.

NAMES OF FORMATIONS	TOP
Gibson	7079
Hart	7177
Woodford	7519

LEASE NAME Parker 7N 2W 33

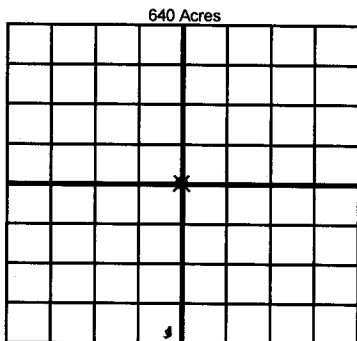
WELL NO. 5HX

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 <input checked="" type="checkbox"/> no
Date Last log was run	_____
Was CO <sub>2</sub> encountered?	_____ yes <input checked="" type="checkbox"/> no at what depths? _____
Was H <sub>2</sub> S encountered?	_____ yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	_____ yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks:

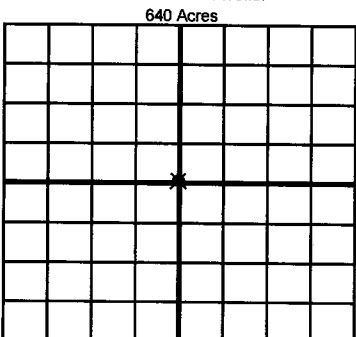
KOP @ 7124'. Well permitted/drilled by BP, but was completed by Lime Rock.



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		Feet From 1/4 Sec Lines
			FSL
			FWL
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	SW 1/4	SW 1/4	SE 1/4
Depth of Deviation	7157'	Radius of Turn	8044'
Measured Total Depth	18290	True Vertical Depth	7653
		Direction	177 180° S
		Total Length	10133'
		BHL From Lease, Unit, or Property Line:	
		173	

LATERAL #2

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

API NO. 087-22182  
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 185:10-3-25

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FEB 13 2020

Form 1002A  
Rev. 2009

☐ ORIGINAL  
☒ AMENDED (Reason)

perf intervals

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. **5HX**  
SE 1/4 NE 1/4 SW 1/4 SW 1/4 FSL OF 1/4 SEC **753** FWL 1/4 SEC **1263**  
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 REPORT

SPUD DATE **10/08/18**  
DRLG FINISHED DATE **12/11/18**  
DATE OF WELL COMPLETION **01/08/20**  
1st PROD DATE  
RECOMP DATE

OKLAHOMA CORPORATION COMMISSION

640 Acres


LOCATE WELL

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	428		460	SURF
INTERMEDIATE	9 5/8	40	P110	6,950		815	5,835
PRODUCTION	5 1/2	20	P110	18280		2655	13389
LINER							

PACKER @ **7,100** BRAND & TYPE **AX-1X** PLUG @ TYPE PLUG @ TYPE TOTAL DEPTH **18290 MD**  
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	<b>WOODFORD</b>					
SPACING & SPACING ORDER NUMBER	<b>640/652167</b>					
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	<b>OIL</b>					
PERFORATED INTERVALS	<b>8075-18206</b>					
ACID/VOLUME	<b>30110 gal 15% HCL</b>					
FRACTURE TREATMENT (Fluids/Prop Amounts)	<b>21685381 gal wtr</b>					
	<b>11541503# 100 mesh</b>					
	<b>11534448# 40/70 Ottawa</b>					

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

Gas Purchaser/Measurer

ENERFIN RESOURCES

☐

OR

First Sales Date

1/8/2020

INITIAL TEST DATA

Oil Allowable (165:10-13-3)

INITIAL TEST DATE	<b>1/8/2020</b>					
OIL-BBL/DAY	<b>147</b>					
OIL-GRAVITY ( API)	<b>46.8</b>					
GAS-MCF/DAY	<b>113</b>					
GAS-OIL RATIO CU FT/BBL	<b>769/1</b>					
WATER-BBL/DAY	<b>1256</b>					
PUMPING OR FLOWING	<b>F</b>					
INITIAL SHUT-IN PRESSURE						
CHOKE SIZE	<b>16/64</b>					
FLOW TUBING PRESSURE	<b>130</b>					

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*

Carla Martin/Regulatory Tech

2/11/2020

713-360-5834

SIGNATURE

NAME (PRINT OR TYPE)

DATE

PHONE NUMBER

1111 Bagby St. Ste 4600, Attn: Regulatory

HOUSTON

TX

77002

hr.dmarberry@limerockresources.com

ADDRESS

CITY

STATE

ZIP

EMAIL ADDRESS

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.

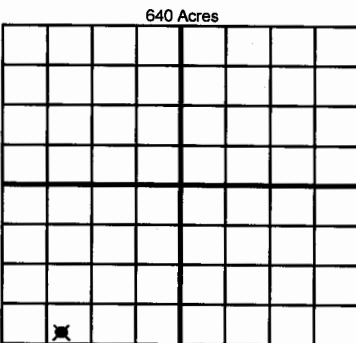
NAMES OF FORMATIONS	TOP
GIBSON	7,079
HART	7,177
WOODFORD	7519

LEASE NAME PARKER 7N 2W 33 WELL NO. 4HX

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	<input checked="" type="checkbox"/> no
Date Last log was run	_____	
Was CO <sub>2</sub> encountered?	yes	<input checked="" type="checkbox"/> no at what depths? _____
Was H <sub>2</sub> S encountered?	yes	<input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	yes	<input checked="" type="checkbox"/> no
If yes, briefly explain below		

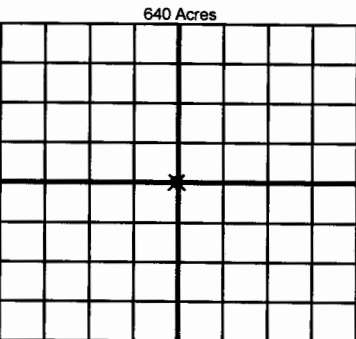
Other remarks: KOP @ 7124' THIS WELL WAS PERMITTED AND DRILLED BY BP. THE OPERATOR CHANGED TO LIME ROCK RESOURCE AND WAS COMPLETED BY LIME ROCK.



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	SW 1/4	SW 1/4	SE 1/4
Depth of Deviation	7,157	Radius of Turn	8044
Measured Total Depth	18,290	True Vertical Depth	7,653
Direction		180	Total Length
			10,133
BHL From Lease, Unit, or Property Line:		173	

LATERAL #2

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

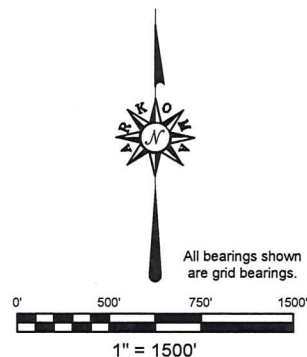
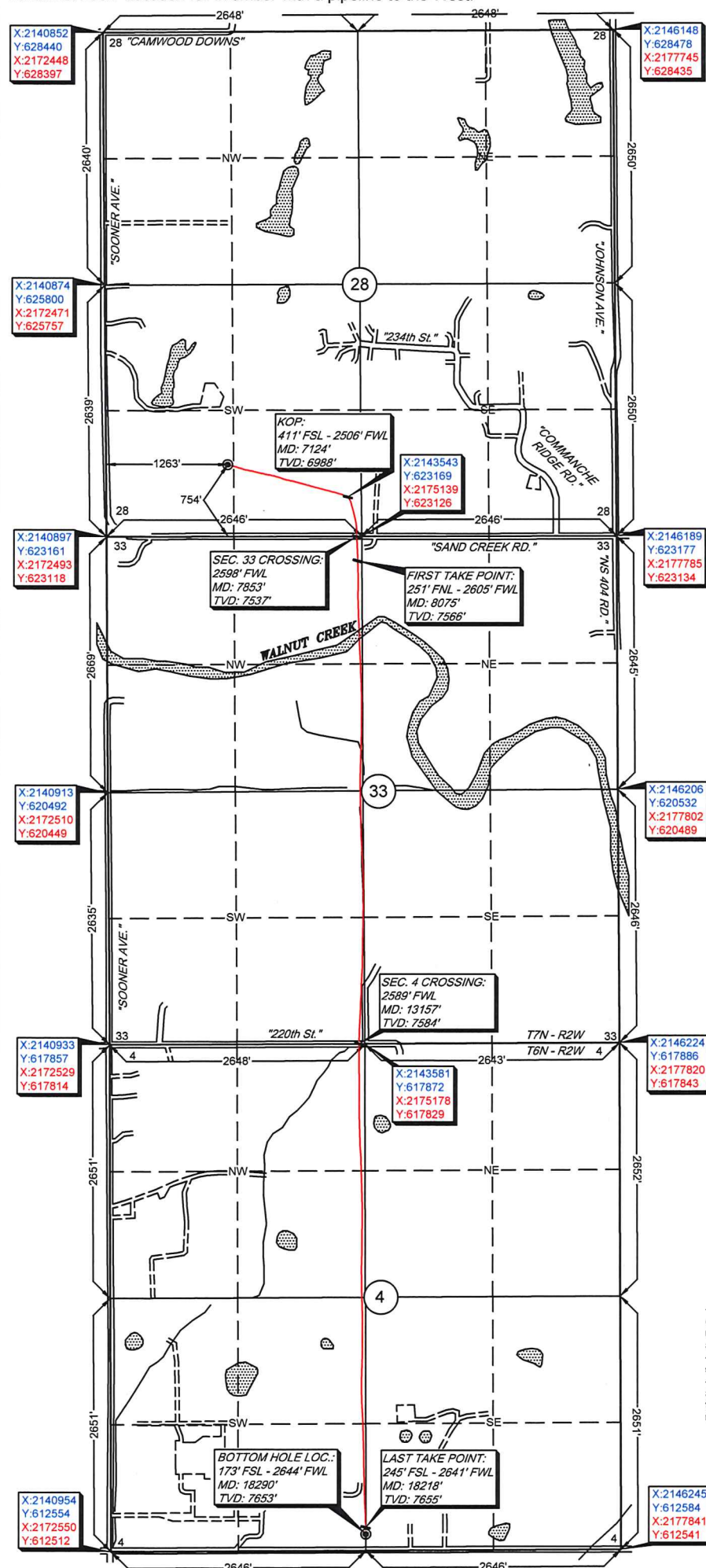
LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation	Radius of Turn		Direction
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 5HX  
Footage: 754' FSL - 1263' FWL Gr. Elevation: 1097'  
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.



GPS DATUM  
NAD 83  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.: Lat: 35°02'46.91"N Lon: 97°25'11.43"W Lat: 35.04636457 Lon: -97.41984121 X: 2142154 Y: 623919	Surface Hole Loc.: Lat: 35°02'46.66"N Lon: 97°25'10.32"W Lat: 35.04629405 Lon: -97.41953340 X: 2173751 Y: 623876
Kick Off Point: Lat: 35°02'43.48"N Lon: 97°24'56.47"W Lat: 35.04541105 Lon: -97.41568562 X: 2143400 Y: 623579	Kick Off Point: Lat: 35°02'43.23"N Lon: 97°24'55.36"W Lat: 35.04534045 Lon: -97.41537791 X: 2174996 Y: 623536
Section 33 Crossing: Lat: 35°02'39.42"N Lon: 97°24'55.36"W Lat: 35.04428235 Lon: -97.41537703 X: 2143494 Y: 623169	Section 33 Crossing: Lat: 35°02'39.16"N Lon: 97°24'54.25"W Lat: 35.04421173 Lon: -97.41506933 X: 2175091 Y: 623126
First Take Point: Lat: 35°02'36.93"N Lon: 97°24'55.26"W Lat: 35.04359208 Lon: -97.41535066 X: 2143504 Y: 622918	First Take Point: Lat: 35°02'36.68"N Lon: 97°24'54.15"W Lat: 35.04352143 Lon: -97.41504297 X: 2175100 Y: 622875
Section 4 Crossing: Lat: 35°01'47.03"N Lon: 97°24'55.39"W Lat: 35.02972956 Lon: -97.41538744 X: 2143522 Y: 617872	Section 4 Crossing: Lat: 35°01'46.77"N Lon: 97°24'54.29"W Lat: 35.02965864 Lon: -97.41507996 X: 2175118 Y: 617829
Last Take Point: Lat: 35°00'56.99"N Lon: 97°24'54.89"W Lat: 35.01583117 Lon: -97.41524599 X: 2143594 Y: 612814	Last Take Point: Lat: 35°00'56.74"N Lon: 97°24'53.78"W Lat: 35.01575998 Lon: -97.41493873 X: 2175190 Y: 612771
Bottom Hole Loc.: Lat: 35°00'56.28"N Lon: 97°24'54.85"W Lat: 35.01563355 Lon: -97.41523663 X: 2143597 Y: 612742	Bottom Hole Loc.: Lat: 35°00'56.02"N Lon: 97°24'53.75"W Lat: 35.0156235 Lon: -97.41492937 X: 2175193 Y: 612699

-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-C-AD  
Date Staked: 08/16/18 By: J.W.  
Date Drawn: 11/25/19 By: J.H.  
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

