

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.: 35051208680001

Completion Report

Spud Date: June 17, 1979

OTC Prod. Unit No.:

Drilling Finished Date: July 23, 1979

Amended

1st Prod Date: August 08, 1979

Amend Reason: RE-FRAC WELL

Completion Date: August 11, 1979

Recomplete Date: October 07, 1979

Drill Type: STRAIGHT HOLE

Well Name: NORGE MARCHAND UNIT TR 45 2

Purchaser/Measurer: DCP MIDSTREAM /
SUNOCO

Location: GRADY 27 7N 8W
N2 SE NE NW
1905 FSL 2310 FWL of 1/4 SEC
Derrick Elevation: 1161 Ground Elevation: 1145

First Sales Date:

Operator: LIME ROCK RESOURCES II-A LP 22628

1111 BAGBY ST STE 4600
HOUSTON, TX 77002-2559

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
There are no Location Exception records to display.

Increased Density
Order No
There are no Increased Density records to display.

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36.0	LT & C	1045		550	SURFACE
PRODUCTION	7	23 / 26	LT & C	10620		300	9600

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

Total Depth: 10620

Packer	
Depth	Brand & Type
There are no Packer records to display.	

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
There are no Initial Data records to display.										

Completion and Test Data by Producing Formation

Formation Name: MARCHAND

Code: 405MRCD

Class: OIL

Spacing Orders

Order No	Unit Size
There are no Spacing Order records to display.	

Perforated Intervals

From	To
10455	10517

Acid Volumes

82 GALLONS PARAFFIN SOLVENT AND 1,250 GALLONS 7.5% HCL

Fracture Treatments

1,000 GALLONS .25% MESH, 500 GALLONS 0.5% 100 MESH, 90 BARRELS 7.5% HCL, 31,800 POUNDS 100 MESH, 90,780 POUNDS 30/50 MESH, 54,020 POUNDS 20/40 MESH WHITE SAND

Formation	Top
UPPER OOLITIC	7900
UPPER WADE	8430
LOWER WADE	8654
MEDRANO	9120
COTTAGE GROVE	9582
LAYTON	9884
HOGSHOOTER	10240
MARCHAND	10456

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

FILING COMPLETION PACKAGE TO DOCUMENT RE-FRAC OPERATIONS (JUNE 26, 2017 - OCTOBER 6, 2017).

FOR COMMISSION USE ONLY

1138340

Status: Accepted

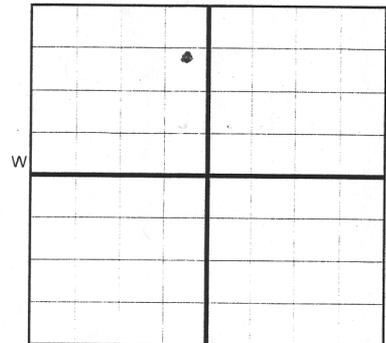
RECEIVED

Form 1002A Rev. 2009

NOV 06 2017

OKLAHOMA CORPORATION COMMISSION

640 Acres



API NO. 35-051-20868

PLEASE TYPE OR USE BLACK INK ONLY

NOTE:

Attach copy of original 1002A if recompletion or reentry.

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

ORIGINAL AMENDED (Reason)

Re-Frac Well

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 Grady SEC 27 TWP 7N RGE 8W LEASE NAME Norge-Marchand Unit WELL NO. 45-2 DATE OF WELL COMPLETION 8/11/79 1st PROD DATE 8/ 8/79 RECOMP DATE 10/ 7/79 ELEVATION Derrick FL 1161 Ground 1145 Latitude (if known) OPERATOR NAME Lime Rock Resources II-A, LP OTC/OCC OPERATOR NO. 22628 ADDRESS 1111 Bagby St., Ste. 4600 CITY Houston STATE TX ZIP 77002

SPUD DATE 6/17/79 DRLG FINISHED DATE 7/23/79 DATE OF WELL COMPLETION 8/11/79 1st PROD DATE 8/ 8/79 RECOMP DATE 10/ 7/79 Longitude (if known)

COMPLETION TYPE

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

CASING & CEMENT (Form 1002C must be attached)

Table with columns: TYPE, SIZE, WEIGHT, GRADE, FEET, PSI, SAX, TOP OF CMT. Rows include CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCTION, LINER.

PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE PLUG @ TYPE

TOTAL DEPTH 10620

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION Marchand SPACING & SPACING ORDER NUMBER unit CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc Oil 10455'-517' PERFORATED INTERVALS ACID/VOLUME see addt'l page 82 gal Paraffin Solvent + 1250 gals 7.5% HCL FRACTURE TREATMENT (Fluids/Prop Amounts) see addt'l page 100 gals. 25% mesh, 500 gals 0.5% 100 mesh 90 bbls 7.5% HCL, 31,800 lbs 100 mesh, 90,780 lbs 20/50 mesh, 54020 lbs

Reported to Frac Focus

Min Gas Allowable (165:10-17-7) OR Gas Purchaser/Measurer DCP Midstream/Sunoco First Sales Date 20/40 mesh White Squad

INITIAL TEST DATA

INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE



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.

SIGNATURE Carla Martin NAME (PRINT OR TYPE) Carla Martin/Reg. Tech DATE 10/31/17 PHONE NUMBER 713/292-9510 ADDRESS 1111 Bagby St., Ste. 4600 CITY Houston STATE TX ZIP 77002 EMAIL ADDRESS cmartin@limerockresources.com

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 Norge-Marchand Unit

WELL NO. 45-2

NAMES OF FORMATIONS	TOP
U. Oolitic	7900'
U. Wade	8430'
L. Wade	8654'
Medrano	9120'
Cottage Grove	9582'
Layton	9884'
Hogshooter	10240'
Marchand	10456'

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: Filing completion package to document re-frac operations (6/26/17 - 10/6/17).

640 Acres

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			
1/4	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
Spot Location			
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:	

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location			
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:	

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location			
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:	

Image @ 1002A

NORGE-MARCHAND UNIT 45-2
NORGE-MARCHAND FIELD
35-051-20868
GRADY CO., OK

FORM 1002A – COMPLETION PACKAGE ADDENDUM

1002A - Completion & Test Data by Producing Formation section

Perfs: 10455'-517'

Aug 1979 (prev. operator):

Acid/Volume: 6000 gal 15% HCl + 6 bbls acid + 58 bbls LSW (flush)

Fracture Treatment: 10K gal pad, 40K gal gel oil & 60K# 20/40 Sand

Dec. 2011 (prev. operator):

Acid/Volume: 143 bbls 15% acid, 1500 gal mutual solvent & 80 bbls LSW
(flush)

Oct. 2017 (Lime Rock):

Acid/Volume: 82 gal paraffin solvent & 1250 gal 7.5% HCl

Fracture Treatment: 1000 gal .25% mesh, 500 gal .5% 100 mesh, 90 bbls
7.5% HCl, 31800# 100 mesh, 90780# 30/50 mesh &
54020# 20/40 white sand

\clm

R:\15-Field Operations\Norge\WFs\OperatedWells\OK\ActiveWells\NMU 45-2\Regulatory\CompletionPkgs\ReFrac-Oct2017\Form1002AAaddendum