

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.: 35071247000000

Completion Report

Spud Date: October 05, 2013

OTC Prod. Unit No.:

Drilling Finished Date: October 30, 2013

1st Prod Date: December 10, 2013

Completion Date: December 10, 2013

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: TOWER 32-4S

Purchaser/Measurer: MUSTANG

Location: KAY 29 27N 1E
SE SE SE SW
310 FSL 2350 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 1013

First Sales Date: 12/27/2013

Operator: RANGE PRODUCTION COMPANY 22664

5600 N MAY AVE STE 350
OKLAHOMA CITY, OK 73112-3967

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
617024

Increased Density
Order No
617634

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	290		345	SURFACE
PRODUCTION	7	23	P-110	4675		505	2384

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	P-110	3396	0	0	4579	7975

Total Depth: 8082

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
Dec 12, 2013	MISSISSIPPIAN	10				8375	PUMPING	98	54	102

Completion and Test Data by Producing Formation			
Formation Name: MISSISSIPPIAN	Code: 359MSSP	Class: OIL	
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From To	
614163	640	There are no Perf. Intervals records to display.	
Acid Volumes		Fracture Treatments	
There are no Acid Volume records to display.		77,607 BW, 2,221,995 POUNDS SAND	

Formation	Top
BIG LIME	3609
OSWEGO	3695
CHEROKEE	3914
SKINNER	3990
PINK LIME	4121
RED FORK	4153
MISSISSIPPIAN	4689

Were open hole logs run? Yes
Date last log run: November 01, 2013
Was H2S Encountered? Yes Depth Encountered: 3765
Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
H2S ENCOUNTERED DURING COMPLETION PHASE. FLARING PERMIT ISSUED ON DECEMBER 18, 2013 FOR EVALUATION. NO GAS BEING SOLD YET. OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 4,675' TO TERMINUS AT 8,082'. THE 4 1/2" LINER IS OPEN FROM 4,954' TO 7,959' BUT THE LINER IS NOT CEMENTED. FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DATA AS SUBMITTED. IRREGULAR SECTION.

Lateral Holes

Sec: 32 TWP: 27N RGE: 1E County: KAY

SW SE SE SW

168 FSL 2140 FWL of 1/4 SEC

Depth of Deviation: 1670 Radius of Turn: 1725 Direction: 180 Total Length: 3702

Measured Total Depth: 8082 True Vertical Depth: 3768 End Pt. Location From Release, Unit or Property Line: 168

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1122622

Status: Accepted

PT NO.
71-24700
TC PROD. UNIT NO.
71-212014

PLEASE TYPE OR USE BLACK INK ONLY
NOTE:
Attach copy of original 1002A if recompletion or reentry.



RECEIVED

JAN 07 2014

OHMA CORPORATION
COMMISSION

ORIGINAL
 AMENDED

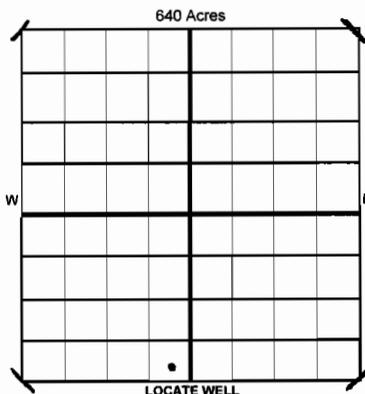
Reason Amended

COMPLETION REPORT

TYPE OF DRILLING OPERATION
 STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE
 SERVICE WELL

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

SPUD DATE	10/5/2013
DRLG FINISHED	10/30/2013
WELL COMPLETION	12/10/2013
1ST PROD DATE	12/10/2013
RECOMP DATE	
Longitude if Known	



COUNTY	KAY	SEC	29	TWP	27N	RGE	1E
LEASE NAME	TOWER		WELL NO.		32-4S		
SHL	SE 1/4	SE 1/4	SE 1/4	SW 1/4	FSL	FWL OF 1/4 SEC	310' 2350'
ELEVATION	Derrick Fl		Groun		Latitude if Known		Longitude if Known
OPERATOR NAME	RANGE PRODUCTION COMPANY			OTC/OCC OPERATOR NO. 22664			
ADDRESS	5600 N. MAY, SUITE 350						
CITY	OKLAHOMA CITY		STATE	OK	ZIP	73112	

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. #617024
INCREASED DENSITY ORDER NO. #617634

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
Conductor							
Surface	9 5/8"	36#	J-55	290'		345	SURFACE
Intermediate	7"	23#	P-110	4675'		505	2384'
Production							
Liner	4 1/2 "	11.6#	P-110	4579-7975'			

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____ TOTAL DEPTH 8082'

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MISSISSIPPIAN						
SPACING & SPACING							
ORDER NUMBER	#614163, 640 ACRES						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL						
PERFORATED INTERVALS	open hole						
ACID/VOLUME Fracture Treatment (Fluids/Prop Amounts)	N/A						
	77,607 BW, 2,221,995# SAND.						

INITIAL TEST DATA Request minimum gas allowable (165:10-17-7) Gas Purchaser/Measurer MUSTANG #21319 1st Sales Date 12/27/2013

INITIAL TEST DATE	12/12/2013
OIL-BBL/DAY	10
OIL-GRAVITY (API)	
GAS-MCF/DAY	0
GAS-OIL RATIO CU FT/BBL	
WATER-BBL/DAY	8375
PUMPING OR FLOWING	Pumping
INITIAL SHUT-IN PRESSURE	98
CHOKE SIZE	64
FLOW TUBING PRESSURE	102

A report 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: Michelle Patton
Name (PRINT OR TYPE): Michelle Patton, Regulatory Analyst II
Date: 12/30/2013
Phone Number: 405-810-7341
Address: 5600 N. May, Suite 350, Oklahoma City, OK 73112
Email Address: mpatton@rangeresources.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 **TOWER**

WELL NO. **32-4S**

NAMES OF FORMATIONS	TOP
BIG LIME	3609'
OSWEGO	3695'
CHEROKEE	3914'
SKINNER	3990'
PINK LIME	4121'
RED FORK	4153'
MISSISSIPPIAN	4689'

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ITD on file YES NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes

Were open hole logs run? yes no

Date Last log was run **11/1/2013**

Was CO₂ encountered? yes no at what depths? _____

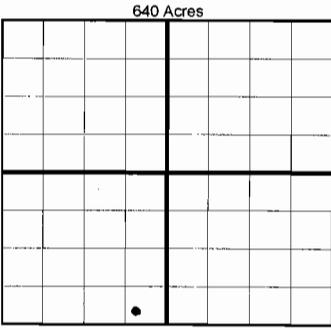
Was H₂S encountered? yes no at what depths? **3** _____

Were unusual drilling circumstances encountered? _____ y
If yes, briefly explain. _____

Other remarks: _____

H₂S ENCOUNTERED DURING COMPLETION PHRASE. FLARING PERMIT ISSUED ON 12/18/13 FOR EVALUATION. NO GAS BEING SOLD YET.

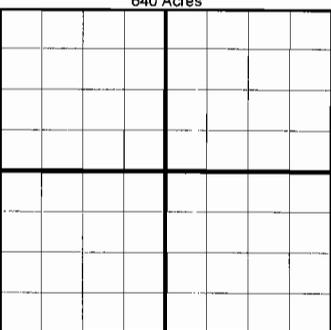
OCC - This well is an open hole completion from top of the 7" casing at 4675' to terminus at 8082. The liner is open from 4954' to 7959' but the liner is cemented.



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	1/4	Feet From 1/4 Sec Lines	FSL
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		
32	27N	1E	KAY		
Spot Location	SW 1/4	SE 1/4	SW 1/4	168'	FSL 2
Depth of Deviation	1670	Radius of Turn	1725	Direction	Total Length
Measured Total Depth	True Vertical Depth		End Pt Location From Lease, Unit or Property Line:		
8082'	3768'		168'		

LATERAL #2

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

LATERAL #3

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		End Pt Location From Lease, Unit or Property Line:				