

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.: 35123238330002

Completion Report

Spud Date: March 31, 2014

OTC Prod. Unit No.:

Drilling Finished Date: May 17, 2014

Amended

1st Prod Date: August 06, 2014

Amend Reason: RECOMPLETE AND STIMULATE

Completion Date: August 05, 2014

Recomplete Date: June 28, 2016

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SANDY CREEK 1-8HH

Purchaser/Measurer: ENERFIN RESOURCES LTD

Location: PONTOTOC 8 4N 6E
SW NE NE NE
483 FNL 435 FEL of 1/4 SEC
Latitude: 34.838389 Longitude: -96.688569
Derrick Elevation: 890 Ground Elevation: 876

First Sales Date:

Operator: CROWN ENERGY COMPANY 19779

1117 NW 24TH ST
OKLAHOMA CITY, OK 73106-5615

Completion Type	
<input type="checkbox"/>	Single Zone
<input type="checkbox"/>	Multiple Zone
<input checked="" type="checkbox"/>	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	13 3/8	53.5	J-55	650		640	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1600		395	SURFACE
PRODUCTION	5 1/2	17	P-110	6500		1210	500

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

Total Depth: 6500

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

Plug	
Depth	Plug Type
2007	CEMENT
2028	CIBP

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
Aug 16, 2014	HUNTON	60		221	3683	653	PUMPING			
Jul 05, 2016	SENORA-THURMAN			440		20	PUMPING	50		

Completion and Test Data by Producing Formation

Formation Name: HUNTON

Code: 269HNTN

Class: DRY

Spacing Orders

Order No	Unit Size
618642	640

Perforated Intervals

From	To
2925	6375

Acid Volumes

2,629 BARRELS 15%

Fracture Treatments

17,176 BARRELS SLICK WATER

Formation Name: SENORA

Code: 404SNOR

Class: GAS

Spacing Orders

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

Perforated Intervals

From	To
1120	1148

Acid Volumes

550 GALLONS 15% HCL

Fracture Treatments

250 BARRELS GEL, 660 BARRELS SLICKWATER, 37,800 PO
--

Formation Name: THURMAN

Code: 404TRMN

Class: GAS

Spacing Orders

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

Perforated Intervals

From	To
1232	1238

Acid Volumes

550 GALLONS 15% HCL

Fracture Treatments

250 BARRELS GEL, 660 BARRELS SLICKWATER, 37,800 PO
--

Formation Name: SENORA-THURMAN

Code:

Class: GAS

Were open hole logs run? Yes

Date last log run: April 22, 2014

Were unusual drilling circumstances encountered? No

Explanation:

Formation	Top
MAYES	1878
WOODFORD	2144
HUNTON	2373
HERINGTON	2462
CLARITA	2494

Other Remarks
JANUARY 28, 2016 RECOMPLETE - PERFORATED 5 1/2" CASING @ 1,222' AND CIRCULATEED 170 SACKS CEMENT UP TO 500'. JUNE 28, 2016 STIMULATED SENORA AND THURMAN SIMULTANEOUSLY. COMMINGLED PRODUCTION.

Lateral Holes
<p>Sec: 8 TWP: 4N RGE: 6E County: PONTOTOC</p> <p>NE SW SE SE</p> <p>382 FSL 1820 FWL of 1/4 SEC</p> <p>Depth of Deviation: 1530 Radius of Turn: 980 Direction: 186 Total Length: 3990</p> <p>Measured Total Depth: 6500 True Vertical Depth: 2377 End Pt. Location From Release, Unit or Property Line: 382</p>

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1133962</div>

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

JUL 15 2016

Form 1002A
Rev. 2009

☐ ORIGINAL
☒ AMENDED (Reason)

Recomplete & Stimulate

COMPLETION REPORT

OKLAHOMA CORPORATION
COMMISSION

TYPE OF DRILLING OPERATION

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

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

COUNTY	Pontotoc	SEC	8	TWP	4N	RGE	6E	DATE OF WELL COMPLETION	08/05/14
LEASE NAME	Sandy Creek					WELL NO.	1-8HH	1st PROD DATE	08/06/14
SW 1/4	NE 1/4	NE 1/4	NE 1/4	FNL OF 1/4 SEC	483	FEL OF 1/4 SEC	435	RECOMP DATE	6/28/16
ELEVATIO N Derrick	890'	Ground	876'	Latitude (if known)		34.838389		Longitude (if known)	-96.688569
OPERATOR NAME	Crown Energy Company						OTC/OCC OPERATOR NO.	19779	
ADDRESS 1117 N.W. 24th									
CITY	Oklahoma City					STATE	OK	ZIP	73106

LOCATE WELL

COMPLETION TYPE

	SINGLE ZONE	
	MULTIPLE ZONE	
	Application Date	
x	COMMINGLED	4/26/2016
	Application Date	
LOCATION		
EXCEPTION ORDER		
INCREASED DENSITY		
ORDER NO		

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	13 3/8"	53.5#	J55	650'		640	surface
INTERMEDIATE	9 5/8"	36#	J55	1600'		395	surface
PRODUCTION	5 1/2"	17#	P110	6500'		1210	500'
LINER							
PLUG @	2007	TYPE	CMT	PLUG @	TYPE	TOTAL DEPTH	6500'

PACKER @ _____	BRAND & TYPE _____	PLUG @ _____	<u>2007</u>	TYPE _____	<u>CMT</u>	PLUG @ _____	TYPE _____
PACKER @ _____	BRAND & TYPE _____	PLUG @ _____	<u>2028</u>	TYPE _____	<u>CIBP</u>	PLUG @ _____	TYPE _____

TOTAL DEPTH	6500'
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COMPLETION & TEST DATA BY PRODUCING FORMATION

269 HNTN / 404 SNOR / 404 TRMN

FORMATION	Hunton	Senora	Thurman		
SPACING & SPACING ORDER NUMBER	640 acres 618642	40 acres	40 acres		
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil Dry	Gas	Gas		
	2925-4125	1120-1148	1232-1238		
PERFORATED INTERVALS	4175-5375				
	5425-6375				
ACID/VOLUME	2629 bbls 15%	550 gal 15% HCL			
		250 bbl gel			
FRACTURE TREATMENT (Fluids/Prop Amounts)	17,176 bbl	660 bbl slickwater			
	slick water	37,800 lbs 12/20			

Monitor Reg
to Frac Flow

AS SUBMITTED

both
Senora
& Thurman

Monitor Report to Frac Focus

AS SUBMITTED

- both send a Thurman

☒ Min Gas Allowable
OR
Oil Allowable

Gas Purchaser/Measurer
First Sales Date

Enerfin Resources LTD

INITIAL TEST DATA

INITIAL TEST DATE	8/16/2014	7/5/2016			
OIL-BBL/DAY	60	0	<i>Both Senora Tha Small</i>		
OIL-GRAVITY (API)					
GAS-MCF/DAY	221	440			
GAS-OIL RATIO CU FT/BBL	3683				
WATER-BBL/DAY	653	20			
PUMPING OR FLOWING	pumping	pumping			
INITIAL SHUT-IN PRESSURE		50			
CHOKE SIZE					
FLOW TUBING PRESSURE	4				

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

1117 N.W. 24th

ADDRESS

Jess Eastwood

NAME (PRINT OR TYPE)

OKC

OK

6/29/2016

DATE _____

405-526-0111

PHONE NUMBER

jesseastwood@crownec.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
Mayes	1878'
Woodford	2144'
Hunton	2373'
Harrington	2462'
Clarita	2494'

LEASE NAME Sandy Creek WELL NO. 1-8HH

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?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Date Last log was run	<u>4/22/2014</u>
Was CO ₂ encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

Other remarks: 1/28/16 Recomplete - Perforated 5-1/2" csg @ 1222' and circulated 170 sx cmt up to 500'
06/28/2016 Stimulated Senora and Thurman simultaneously. Commingled production.

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	Feet From 1/4 Sec Lines	FSL	FWL
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				
8	4N	06E	Pontotoc				
Spot Location	NE 1/4	SW 1/4	SE 1/4	SE 1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation	1530'		Radius of Turn	980'	Direction	186	Total Length 3990'
Measured Total Depth	6500'		True Vertical Depth	2377'		382' FSL & 819 FEL	
BHL From Lease, Unit, or Property Line:							

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	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:				

API NO. 12323833
OTC PROD UNIT NO. 123-213645

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RECEIVED

JUL 15 2016

Form 1002A
Rev. 2009

☐ ORIGINAL
☒ AMENDED (Reason)

Recomplete & Stimulate

COMPLETION REPORT

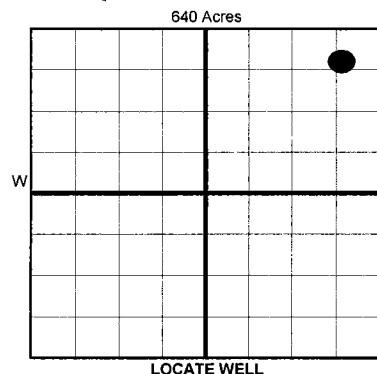
TYPE OF DRILLING OPERATION
☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL
If directional or horizontal, see reverse for bottom hole location.

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OPERATOR NAME	Crown Energy Company			OTC/OCC OPERATOR NO.	19779		
ADDRESS	1117 N.W. 24th						
CITY	Oklahoma City	STATE	OK	ZIP	73106		

SPUD DATE 03/31/14
DRLG FINISHED DATE 05/17/14
DATE OF WELL COMPLETION 08/05/14
1st PROD DATE 08/06/14
RECOMP DATE 6/28/16
Longitude (if known) -96.688569

OKLAHOMA CORPORATION COMMISSION

1016EZ



COMPLETION TYPE

<input type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input checked="" type="checkbox"/> COMMINGLED
Application Date 4/26/2016
LOCATION
EXCEPTION ORDER
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
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LINER							

PACKER @ _____ BRAND & TYPE _____ PLUG @ 2007 TYPE CMT PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ 2028 TYPE CIBP PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Hunton	Senora	Thurman
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CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil/Dry	Gas	Gas
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ACID/VOLUME	2629/bbls 15%	550 gal 15% HCL	
FRACTURE TREATMENT (Fluids/Prop Amounts)	17,176 bbl slick water	250 bbl gel 660 bbl slickwater 37,800 lbs 12/20	

TOTAL DEPTH 6500'

999SNTN

Monitor Report to Frac Focus

AS SUBMITTED

Min Gas Allowable (165.10-17-7) ☒ OR Oil Allowable (165.10-13-3)
Gas Purchaser/Measurer Enerfin Resources LTD
First Sales Date 6/28/16

INITIAL TEST DATA

INITIAL TEST DATE	8/16/2014	7/5/2016
OIL-BBL/DAY	60	0
OIL-GRAVITY (API)		
GAS-MCF/DAY	22	440
GAS-OIL RATIO CU FT/BBL	3683	
WATER-BBL/DAY	653	20
PUMPING OR FLOWING	pumping	pumping
INITIAL SHUT-IN PRESSURE		50
CHOKE SIZE		
FLOW TUBING PRESSURE		

Both Senora & Thurman

SCANNED

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 1117 N.W. 24th ADDRESS
NAME (PRINT OR TYPE) Jess Eastwood CITY OK STATE OK ZIP
DATE 6/29/2016 PHONE NUMBER 405-526-0111
EMAIL ADDRESS jesseastwood@crownec.com

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