

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.: 35119244170000

**Completion Report**

Spud Date: October 04, 2016

OTC Prod. Unit No.: 119-218211

Drilling Finished Date: October 19, 2016

1st Prod Date: December 14, 2016

Completion Date: December 14, 2016

**Drill Type:** HORIZONTAL HOLE

Well Name: LAUREN 1-28MH

Purchaser/Measurer:

Location: PAYNE 28 18N 5E  
NW SW SE SE  
453 FSL 1245 FEL of 1/4 SEC  
Latitude: 36.00051 Longitude: -96.461842  
Derrick Elevation: 888 Ground Elevation: 0

First Sales Date:

Operator: CROWN ENERGY COMPANY 19779

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

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
660515	

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	J-55	1175		475	SURFACE
INTERMEDIATE	7	26	J-55	4086		224	2400
PRODUCTION	4 1/2	11.6	P-110	9025		500	3532

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

**Total Depth: 9035**

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
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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 17, 2016	MISSISSIPPI	136	38.8	442	3250	3103	PUMPING			110

#### Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPI

Code: 351MISS

Class: OIL

#### Spacing Orders

Order No	Unit Size
623051	640

#### Perforated Intervals

From	To
4115	8865

#### Acid Volumes

48,000 GALLONS 15% HCL
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#### Fracture Treatments

2,067,792 POUNDS 30/50 SAND
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Formation	Top
BTW	940
OSWEGO LIME	3019
PRUE SAND	3112
VERDIGRIS	3199
PINK LIME	3353
RED FORK	3370
BROWN LIME	3579
MISSISSIPPIAN	3653

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

#### Other Remarks

There are no Other Remarks.

#### Lateral Holes

Sec: 28 TWP: 18N RGE: 5E County: PAYNE

NW NE NW NE

17 FNL 1679 FEL of 1/4 SEC

Depth of Deviation: 4447 Radius of Turn: 236 Direction: 357 Total Length: 4588

Measured Total Depth: 9035 True Vertical Depth: 3734 End Pt. Location From Release, Unit or Property Line: 17

#### FOR COMMISSION USE ONLY

1135702

Status: Accepted

API NO. 11924417  
OTC PROD. UNIT NO. 119218211

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

RECEIVED

JAN 17 2017

OKLAHOMA CORPORATION  
COMMISSION  
640 Acres

☒ ORIGINAL  
☐ AMENDED (Reason)

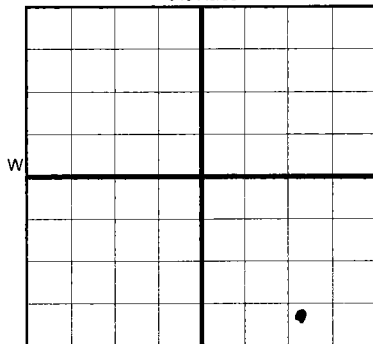
TYPE OF DRILLING OPERATION

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

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

COUNTY	PAYNE	SEC	28	TWP	18N	RGE	05E	
LEASE NAME	Lauren						WELL NO.	1-28MH
NW 1/4 SW 1/4 SE 1/4 SE 1/4	FSL OF 1/4 SEC		453 303	FEL OF 1/4 SEC	1245 1308			
ELEVATION	888	Ground	Latitude (if known)		36.00051		Longitude (if known)	-96.461842
OPERATOR NAME	CROWN ENERGY COMPANY						OTC/OCC OPERATOR NO.	19779
ADDRESS	1117 NW 24TH ST							
CITY	OKLAHOMA CITY			STATE	OK		ZIP	73106

SPUD DATE 10/04/2016  
DRLG FINISHED DATE 10/19/2016  
DATE OF WELL COMPLETION 12/14/2016  
1st PROD DATE 12/14/2016  
RECOMP DATE



LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
COMINGLED
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	9 5/8	36	J-55	1175		475	SURFACE
INTERMEDIATE	7	26	J-55	4,086	224.215		2,400
PRODUCTION	4 1/2	11.6	P-110	9,025		500	3,532
LINER							
TOTAL DEPTH							9,035

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MISSISSIPPIAN
SPACING & SPACING ORDER NUMBER	623051 (640)
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL
	4115'-8865'
PERFORATED INTERVALS	
ACID/VOLUME	48,000 gal 15% HCL
	2,067,792 lbs
FRACTURE TREATMENT (Fluids/Prop Amounts)	30/50 sand

Monitor  
Report to Fire Focus

Min Gas Allowable (165:10-17-7) \_\_\_\_\_ Gas Purchaser/Measurer \_\_\_\_\_  
OR \_\_\_\_\_ First Sales Date \_\_\_\_\_  
Oil Allowable (165:10-13-3) \_\_\_\_\_

INITIAL TEST DATA

INITIAL TEST DATE	12/17/2016
OIL-BBL/DAY	136
OIL-GRAVITY (API)	38.8
GAS-MCF/DAY	442
GAS-OIL RATIO CU FT/BBL	3250
WATER-BBL/DAY	3103
PUMPING OR FLOWING	PUMPING
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	110

AS SUBMITTED

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	JESS EASTWOOD	DATE	1/12/17	PHONE NUMBER	405-526-0111
1117 NW 27TH ST	OKC	OK	73106	JESSEASTWOOD@CROWNEC.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.

LEASE NAME

WELL NO.

NAMES OF FORMATIONS	TOP
BTW	940
OSWEGO LIME	3,019
PRUE SAND	3,112
VERDIGRIS	3,199
PINK LIME	3,353
RED FORK	3,370
BROWN LIME	3,579
MISSISSIPPIAN	3,653

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      \_\_\_\_\_

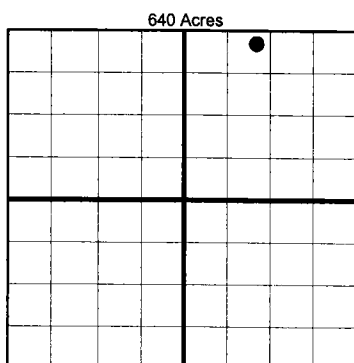
Was CO<sub>2</sub> encountered?           yes      X   no    at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered?           yes      X   no    at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered?           yes      X   no

If yes, briefly explain below

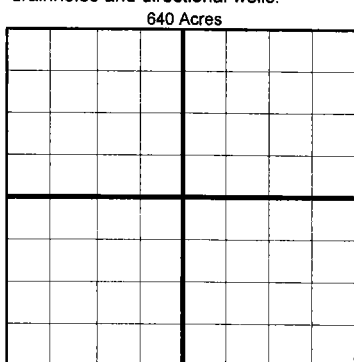
Other remarks:



**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.



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

LATERAL #1									
SEC 28	TWP 18N	RGE 05E	COUNTY PAYNE						
Spot Location				Feet From 1/4 Sec Lines		FNL 17		FEL 1679	
NW 1/4	NE 1/4	NW 1/4	NE 1/4						
Depth of Deviation 4,447		Radius of Turn 236		Direction 357		Total Length 4,588			
Measured Total Depth 9,035		True Vertical Depth 3,734		BHL From Lease, Unit, or Property Line: 17					

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:			

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:			

**SHOWING FINAL PAD ELEVATION**

Operator: CROWN ENERGY RESOURCES, LLC

Lease Name and No. : LAUREN #1-28MH

Footage : 453' FSL - 1245' FEL PAD ELEVATION : 888' Good Site? YES

Section: 28 Township: 18N Range: 5E I.M.

County : Payne State of Oklahoma

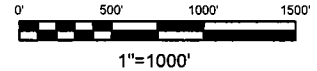
Alternate Loc.: N/A

Terrain at Loc. : Location fell on a painted "X" on existing Deborah location.

Accessibility : From the South.

Directions : From the intersection of State Hwy 18 & Main Street in Cushing, OK, go North on State Hwy 18 for 1 mile to the Southeast Corner of Section 28-18N-5E.

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.



GPS DATUM  
NAD - 83  
OK NORTH ZONE

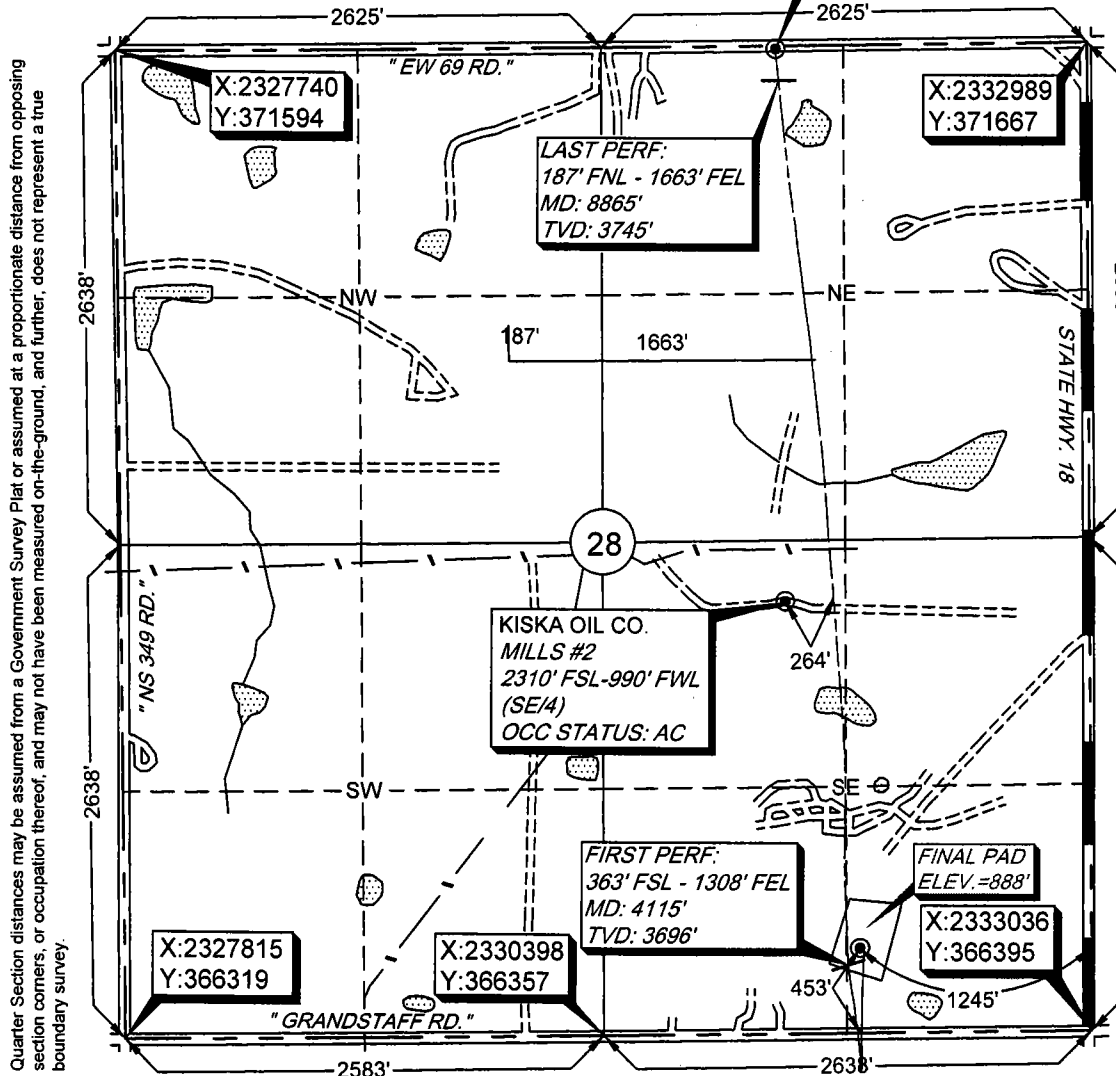
Surface Hole Loc.:  
Lat: 36°00'05.10"N  
Lon: 96°46'18.42"W  
X: 2331786  
Y: 366831

First Perf:  
Lat: 36°00'04.21"N  
Lon: 96°46'19.19"W  
X: 2331725  
Y: 366739

Last Perf:  
Lat: 36°00'50.91"N  
Lon: 96°46'23.29"W  
X: 2331328  
Y: 371457

Bottom Hole Loc.:  
Lat: 36°00'52.59"N  
Lon: 96°46'23.48"W  
X: 2331310  
Y: 371626

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.



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, 2018

Invoice #6449

Date Staked : 06/27/16 By: HS

Date Drawn : 06/29/16 By: RS

Add BHL : 09/28/16 By: RS

Add Kiska Well : 11/09/16 By: RM

Added As-Drilled : 12/27/16 By: RS

Rev. Last Perf : 12/29/16 By: JH

**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

12/29/16

OK LPLS 1664

