

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.: 35011238060000

**Completion Report**

Spud Date: May 22, 2017

OTC Prod. Unit No.: 011-222296

Drilling Finished Date: June 29, 2017

1st Prod Date: September 10, 2017

Completion Date: September 09, 2017

**Drill Type:** HORIZONTAL HOLE

Well Name: DUNN 1R-15H

Purchaser/Measurer: ENLINK OKLA GAS

Location: BLAINE 22 16N 13W  
NW NW NW NE  
325 FNL 2359 FEL of 1/4 SEC  
Derrick Elevation: 1805 Ground Elevation: 1783

First Sales Date: 09/10/2017

Operator: HIGHMARK ENERGY OPERATING LLC 23831

909 LAKE CAROLYN PKWY STE 1500  
IRVING, TX 75039-3912

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
660779

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
CONDUCTOR	30	310	X-54	40			
SURFACE	20	94	J-55	286		630	SURFACE
INTERMEDIATE	13 3/8	54.5	J-55	1496		950	620
INTERMEDIATE	9 5/8	40	P-110	9486		1025	4505
PRODUCTION	5 1/2	23	P-110	16430		1785	7093

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

**Total Depth: 16450**

Packer	
Depth	Brand & Type
10964	AS-1X

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
Nov 10, 2017	MISSISSIPPIAN	166	60	2989	18006	1278	FLOWING		29/64	1969

#### Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

#### Spacing Orders

Order No	Unit Size
660363	640

#### Perforated Intervals

From	To
11430	16331

#### Acid Volumes

30,500 GALLONS 15% FE

#### Fracture Treatments

296,910 BARRELS FLUID, 13,152,300 POUNDS PROPPANT

Formation	Top
MISSISSIPPIAN	11113

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

#### Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

#### Lateral Holes

Sec: 15 TWP: 16N RGE: 13W County: BLAINE

NW NW NW NE

61 FNL 2428 FEL of 1/4 SEC

Depth of Deviation: 10698 Radius of Turn: 437 Direction: 359 Total Length: 5022

Measured Total Depth: 16450 True Vertical Depth: 11031 End Pt. Location From Release, Unit or Property Line: 61

#### FOR COMMISSION USE ONLY

1138269

Status: Accepted



Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

WELL NO. 1R-15H

NAMES OF FORMATIONS	TOP
MISSISSIPPIAN	11,113'

FOR COMMISSION USE ONLY		
ITD on file	<input type="checkbox"/> YES	<input type="checkbox"/> NO
APPROVED	DISAPPROVED	2) Reject Codes

[illegible]

Other remarks:

640 Acres

X

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.

640 Acres

540 Acres

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:			

LATERAL #1									
SEC	TWP	RGE	COUNTY						
15	16N	13W	BLAINE						
Spot Location				Feet From 1/4 Sec Lines		FNL		FEL	
NW 1/4 NW 1/4 NE 1/4						61'		2,428'	
Depth of Deviation			Radius of Turn		Direction		Total Length		
10,698'			437'		359°		5,022'		
Measured Total Depth			True Vertical Depth		BHL From Lease, Unit, or Property Line:				
16,450'			11,031'		61'				

EXTERNAL #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	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:				

# HIGHMARK Well Location Plat - As-Drilled

S.H.L. Sec. 22-16N-13W I.M.  
B.H.L. Sec. 15-16N-13W I.M.

Operator: HIGHMARK ENERGY  
Lease Name and No. : DUNN 1R-15H  
Footage : 325' FNL - 2359' FEL PAD ELEVATION : N/A Good Site? YES  
Section: 22 Township: 16N Range: 13W I.M.  
County : Blaine State of Oklahoma  
Alternate Loc.: N/A  
Terrain at Loc. : Location fell in a wheat field, South & East of a fence.



1"=1320'

GPS DATUM  
NAD - 83  
OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°51'17.74"N  
Lon: 98°34'08.67"W  
X: 1799861  
Y: 311702

Section Crossing:  
Lat: 35°51'20.95"N  
Lon: 98°34'08.21"W  
X: 1799900  
Y: 312027

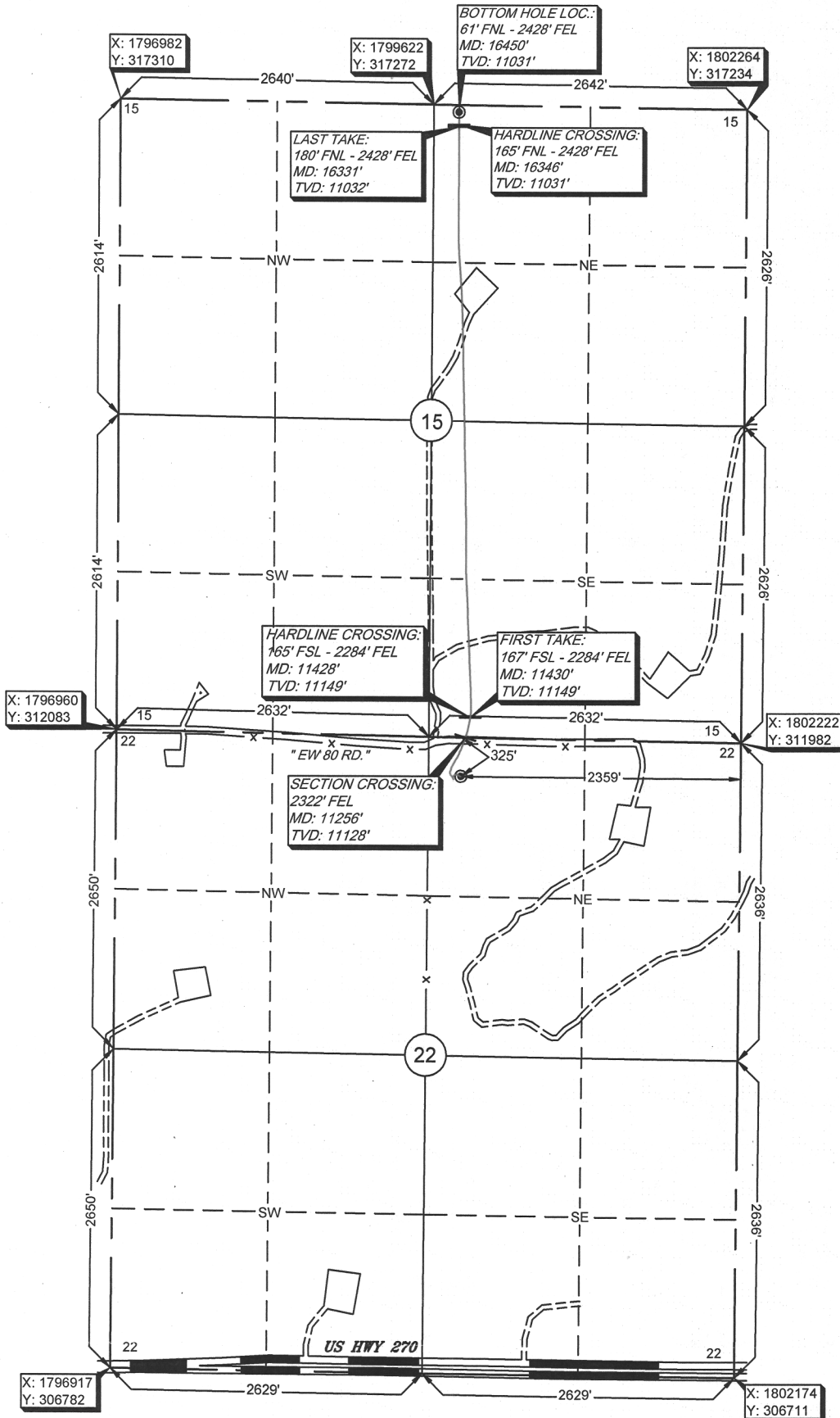
Hardline Crossing:  
Lat: 35°51'22.58"N  
Lon: 98°34'07.74"W  
X: 1799940  
Y: 312191

First Take:  
Lat: 35°51'22.60"N  
Lon: 98°34'07.74"W  
X: 1799940  
Y: 312193

Last Take:  
Lat: 35°52'11.01"N  
Lon: 98°34'09.37"W  
X: 1799835  
Y: 317089

Hardline Crossing:  
Lat: 35°52'11.16"N  
Lon: 98°34'09.37"W  
X: 1799835  
Y: 317104

Bottom Hole Loc.:  
Lat: 35°52'12.18"N  
Lon: 98°34'09.38"W  
X: 1799835  
Y: 317208



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.

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.

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 #7009-A-AD  
Date Staked : 04/12/17 By : J.W.  
Date Drawn : 04/17/17 By : P.B.  
Move SHL 11' East : 05/23/17 By : R.S.  
Added As-Drilled : 10/30/17 By : R.S.

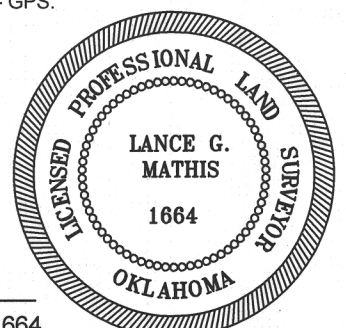
## Certification:

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

10/30/17

OK LPLS 1664



PCW  
OR