

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.: 35003231070001

**Completion Report**

Spud Date: December 09, 2014

OTC Prod. Unit No.: 003-217787

Drilling Finished Date: January 13, 2015

1st Prod Date: August 19, 2016

**Amended**

Completion Date: July 22, 2016

Amend Reason: SHOW COMPLETION

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: MORGAN FAMILY 2-27-11 2H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: ALFALFA 2 27N 11W  
SW SE SE SW  
261 FSL 2033 FWL of 1/4 SEC  
Derrick Elevation: 1202 Ground Elevation: 1180

First Sales Date: 08/19/2016

Operator: CHESAPEAKE OPERATING LLC 17441  
PO BOX 18496  
6100 N WESTERN AVE  
OKLAHOMA CITY, OK 73154-0496

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
629603	

Increased Density	
Order No	
629601	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	J-55	415		265	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1215		305	SURFACE
PRODUCTION	7	26	P-110EC	5581		260	2990

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.60	HCP-110	4488	0	515	5248	9736

**Total Depth: 9767**

Packer	
Depth	Brand & Type
5198	AS-3

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
Aug 26, 2016	MISSISSIPPIAN	216		762	3528	2021	ARTIFICIA			160

Completion and Test Data by Producing Formation			
Formation Name: MISSISSIPPIAN	Code: 359MSSP	Class: OIL	
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
615585	640	5393	9590
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
10,000 GALLONS HCL ACID		37,452 BARRELS FRAC FLUID, 654,200 POUNDS PROPPANT	

Formation	Top
MISSISSIPPIAN	5390

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: 2 TWP: 27N RGE: 11W County: ALFALFA NE NE NE NW 186 FNL 2641 FWL of 1/4 SEC Depth of Deviation: 4824 Radius of Turn: 352 Direction: 359 Total Length: 4377 Measured Total Depth: 9767 True Vertical Depth: 5176 End Pt. Location From Release, Unit or Property Line: 186

FOR COMMISSION USE ONLY
Status: Accepted
1134346

API NO. 35-003-23107  
 OTC PROD.  
 UNIT NO. 003-217787

**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**

Form 1002A  
 Rev. 2009

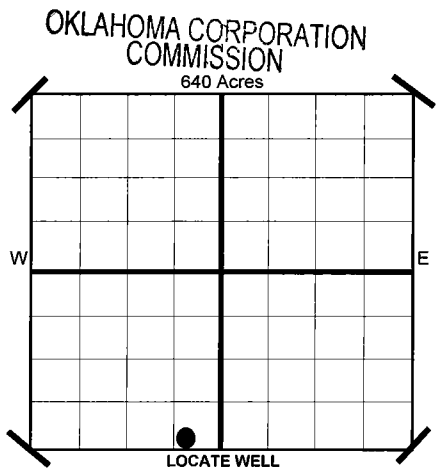
SEP 02 2016

ORIGINAL AMENDED  
 Reason Amended **Show Completion**  
 Reclassify as Producing 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.

SPUD DATE 12/9/2014  
 DRLG FINISHED DATE 1/13/2015  
 DATE OF WELL COMPLETION 7/22/2016  
 1ST PROD DATE 8/19/2016  
 RECOMP DATE  
 Longitude (if Known)



COUNTY ALFALFA SEC 2 TWP 27N RGE 11W  
 LEASE NAME MORGAN FAMILY 2-27-11 WELL NO 2H  
 SHL SW 1/4 SE 1/4 SE 1/4 SW 1/4 261 FSL 1/4 SEC 2,033  
 ELEVATION Derrick Fl 1,202 Ground 1,180  
 OPERATOR NAME CHESAPEAKE OPERATING, L.L.C. OTC/OCC OPERATOR NO. 17441  
 ADDRESS P.O. BOX 18496  
 CITY OKLAHOMA CITY STATE OK ZIP 73154

**COMPLETION TYPE**  
 SINGLE ZONE  
 MULTIPLE ZONE Application Date  
 COMMINGLED Application Date  
 LOCATION EXCEPTION ORDER NO. 629603 (INTERIM)  
 INCREASED DENSITY ORDER NO. 629601

**CASING & CEMENT (Form 1002C must be attached)**

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP	
CONDUCTOR								
SURFACE	13 3/8"	48#	J-55	415		265	SURFACE	
INTERMEDIATE	9 5/8"	36#	J-55	1,215		305	SURFACE	
PRODUCTION	7"	26#	P-110EC	5,581		260	2,990	
LINER	4 1/2"	11.60"	HCP-110	5,248-9,736		515	5,248	
								9,767

PACKER @ 5198' BRAND & TYPE AS-3  
 PLUG @ TYPE

**COMPLETION & TEST DATA BY PRODUCING FORMATION**

*359MSSP*

FORMATION	MISSISSIPPIAN								
SPACING & SPACING ORDER NUMBER	640 615585								
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL								
PERFORATED INTERVALS	5393-9590								
ACID/VOLUME	HCL ACID 10,000 GALS								
FRACTURE TREATMENT (Fluids/Prop Amounts)	FRAC FLUID 37,452 BBLS PROPPANT 654,200 LBS								

*Reported to Frac Focus*

Minimum Gas Allowable (165:10-17-7) Gas Purchaser/Measurer Chesapeake Operating, L.L.C.  
 OR 1st Sales Date 8/19/2016  
 Oil Allowable (165:10-13-3)

**INITIAL TEST DATA**

INITIAL TEST DATE	8/26/2016				
OIL-BBL/DAY	216				
OIL-GRAVITY ( API)					
GAS-MCF/DAY	762				
GAS-OIL RATIO CU FT/BBL	3,528				
WATER-BBL/DAY	2021				
PUMPING OR FLOWING	Artificial Lift				
INITIAL SHUT-IN PRESSURE					
CHOKE SIZE					
FLOW TUBING PRESSURE	160				

**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.

Sara Everett  
 SIGNATURE Sara Everett, Regulatory Analyst 9/1/2016 DATE 405-848-8000 PHONE NUMBER  
 P.O. BOX 18496 OKLAHOMA CITY OK 73154  
 ADDRESS CITY STATE ZIP sara.evrett@chk.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.

LEASE NAME MORGAN FAMILY 2-27-11

WELL NO. 2H

NAMES OF FORMATIONS	TOP
MISSISSIPPIAN	5,390

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	<input checked="" type="checkbox"/>	no
Date Last log was run	N/A		
Was CO <sub>2</sub> encountered?	yes	<input checked="" type="checkbox"/>	no at what depths?
Was H <sub>2</sub> S encountered?	yes	<input checked="" type="checkbox"/>	no at what depths?
Were unusual drilling circumstances encountered?	yes	<input checked="" type="checkbox"/>	no
If yes, briefly explain.			

Other remarks:

---



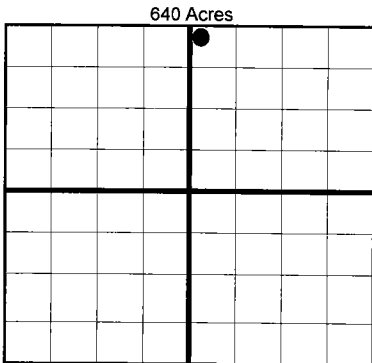
---



---



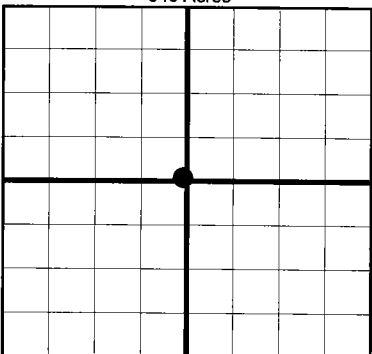
---



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.**  
640 Acres



**BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE**

SEC	TWP	RGE	COUNTY	Feet From 1/4 Sec Lines	FSL	FWL
Spot Location	1/4	1/4	1/4	1/4		
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	Feet From 1/4 Sec Lines	FNL	FWL
Spot Location	2	27N	11W	ALFALFA		186	2,641
Depth of Deviation	4,824	Radius of Turn		352	359	Total Length 4,377	
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:				
9,767	5,176		186				

*per as submitted plat*

**LATERAL #2**

SEC	TWP	RGE	COUNTY	Feet From 1/4 Sec Lines	FSL	FWL
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	Feet From 1/4 Sec Lines	FSL	FWL
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:			

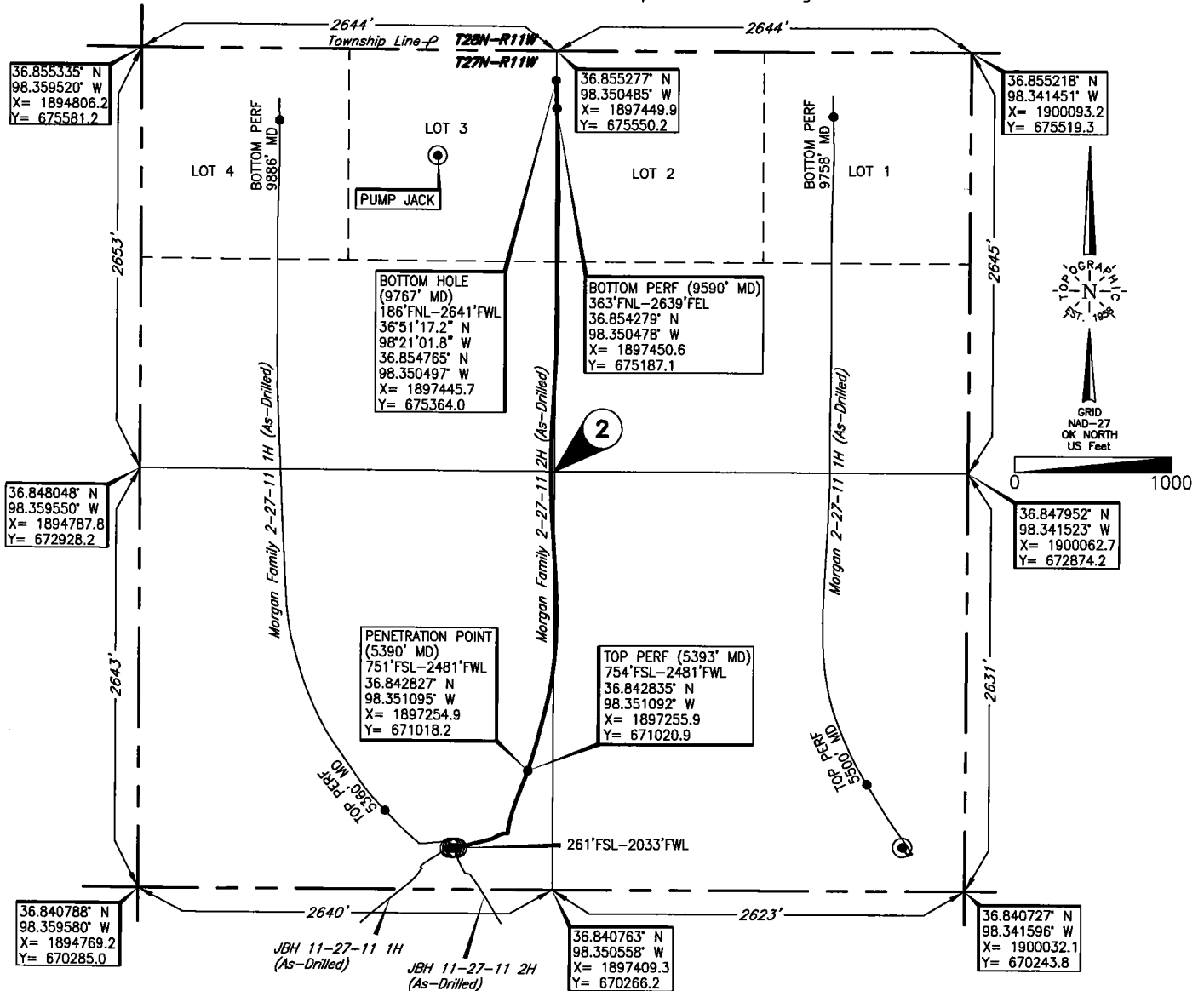
**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293 LS

ALFALFA

County, Oklahoma

261'FSL-2033'FWL Section 2 Township 27N Range 11W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.

Lease Name: MORGAN FAMILY 2-27-11

Well No.: 2H

**ELEVATION:**  
1180' Gr. at Level Pad

Topography & Vegetation Loc. fell on level pad, ±140' North of E-W pipeline, ±185' North of E-W pipeline, ±254' East of N-S pipeline, ±295' East of N-S pipeline

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction from Hwy Jct or Town From the Jct. of US. Hwy. 64 W-S and St. Hwy. 11 E-N, go ±3 miles North on St. Hwy. 11 to the SW Cor. of Sec. 2-T27N-R11W

DATUM: NAD-27  
 LAT: 36°50'29.3"N  
 LONG: 98°21'09.5"W  
 LAT: 36.841485° N  
 LONG: 98.352630° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 1896804.1  
 Y: 670531.3

263810 Date of Drawing: Aug. 08, 2016  
 Invoice # 230076C Date Staked: Sep. 4, 2014 JP

**FINAL AS-DRILLED PLAT**

AS-DRILLED INFORMATION  
 FURNISHED BY CHESAPEAKE OPERATING, L.L.C.

This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy