

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.: 35151243660002

**Completion Report**

Spud Date: March 30, 2015

OTC Prod. Unit No.: 151-217989

Drilling Finished Date: April 08, 2015

**Amended**

1st Prod Date: October 20, 2016

Amend Reason: SEE REMARKS / SHOW FINAL LOCATION EXCEPTION ORDER

Completion Date: October 12, 2016

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: HORSCH 5-28-16 2H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: WOODS 5 28N 16W  
NW NE NW NW  
265 FNL 789 FWL of 1/4 SEC  
Derrick Elevation: 1830 Ground Elevation: 1808

First Sales Date: 10/20/2016

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

Completion Type		Location Exception		Increased Density	
X	Single Zone	<b>Order No</b>		<b>Order No</b>	
	Multiple Zone	658427		636269	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	498		381	SURFACE
INTERMEDIATE	9 5/8	36	J-55	1215		350	SURFACE
PRODUCTION	7	26	P-110EC	5762		211	4200

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	P-110EC	4958	0	488	5557	10515

**Total Depth: 10515**

Packer	
Depth	Brand & Type
5490	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
Oct 25, 2016	MISSISSIPPI LIME	645		760	1178	1611	ARTIFICIA			220

**Completion and Test Data by Producing Formation**

Formation Name: MISSISSIPPI LIME

Code: 351MSSLM

Class: OIL

**Spacing Orders**

Order No	Unit Size
545500	640

**Perforated Intervals**

From	To
5752	10378

**Acid Volumes**

8,000 GALLONS HCL ACID
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**Fracture Treatments**

38,263 BARRELS FRAC FLUID, 191,220 POUNDS PROPPANT
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Formation	Top
MISSISSIPPI LIME	5626

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

**Other Remarks**

CHANGING SURFACE HOLE LOCATION INCORRECTLY REPORTED ON THE ORIGINAL 1002A FILED ON APRIL 27, 2016.

**Lateral Holes**

Sec: 5 TWP: 28N RGE: 16W County: WOODS

SW SW SW SE

195 FSL 2388 FEL of 1/4 SEC

Depth of Deviation: 5053 Radius of Turn: 433 Direction: 170 Total Length: 4889

Measured Total Depth: 10515 True Vertical Depth: 5486 End Pt. Location From Release, Unit or Property Line: 195

**FOR COMMISSION USE ONLY**

1135554

Status: Accepted

API NO. 35-151-24366  
OTC PROD. UNIT NO. 151-217989

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

DEC 22 2016

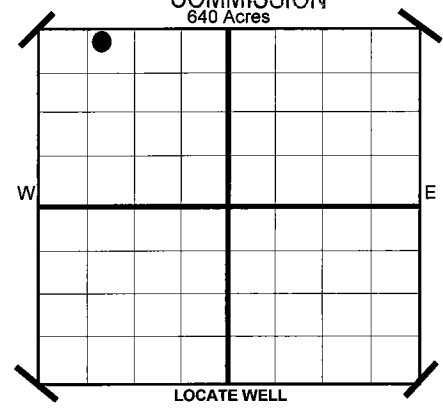
OKLAHOMA CORPORATION COMMISSION  
640 Acres

ORIGINAL AMENDED  Reason Amended See Remarks / Show Final Order Location Exception

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

SPUD DATE 3/30/2015  
DRLG FINISHED DATE 4/8/2015  
DATE OF WELL COMPLETION 10/12/2016  
1ST PROD DATE 10/20/2016  
RECOMP DATE  
Longitude (if Known)

COUNTY WOODS SEC 5 TWP 28N RGE 16W  
LEASE NAME HORSCH 5-28-16 WELL NO 2H  
SHL NW 1/4 NE 1/4 NW 1/4 NW 1/4 FNL 265 FWL OF 1/4 SEC 789  
ELEVATION Derrick Fl 1,830 Ground 1,808  
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. 658427 (FO)  
INCREASED DENSITY ORDER NO. 636269

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP	
CONDUCTOR								
SURFACE	13 3/8"	48#	H-40	498		381	SURFACE	
INTERMEDIATE	9 5/8"	36#	J-55	1,215		350	SURFACE	
PRODUCTION	7"	26#	P-110EC	5,762		211	4,200	
LINER	4 1/2"	11.6#	P-110EC	5,557-10,515		488	5,557	
							TOTAL DEPTH	10,515

PACKER @ AS-3 BRAND & TYPE 5490  
PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION 351 MSSLM

FORMATION	Mississippi Lime						
SPACING & SPACING ORDER NUMBER	640 545500						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil						
PERFORATED INTERVALS	5752 - 10,378						
ACID/VOLUME	HCL Acid 8000 Gals						
FRACTURE TREATMENT (Fluids/Prop Amounts)	Frac Fluid 38,263 Bbls Proppant 191,220 Lbs						

Minimum Gas Allowable (165:10-17-7) OR Gas Purchaser/Measurer Chesapeake Operating, L.L.C.  
Oil Allowable (165:10-13-3) 1st Sales Date 10/20/2016

INITIAL TEST DATA

INITIAL TEST DATE	10/25/2016						
OIL-BBL/DAY	645						
OIL-GRAVITY ( API)							
GAS-MCF/DAY	760						
GAS-OIL RATIO CU FT/BBL	1,178						
WATER-BBL/DAY	1611						
PUMPING OR FLOWING	Artificial Lift						
INITIAL SHUT-IN PRESSURE							
CHOKE SIZE							
FLOW TUBING PRESSURE	220						

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 NAME (PRINT OR TYPE) Sara Everett, Regulatory Analyst  
P.O. BOX 18496 OKLAHOMA CITY OK 73154  
ADDRESS CITY STATE ZIP  
12/21/2016 405-848-8000  
DATE PHONE NUMBER  
sara.everett@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 HORSCH 5-28-16

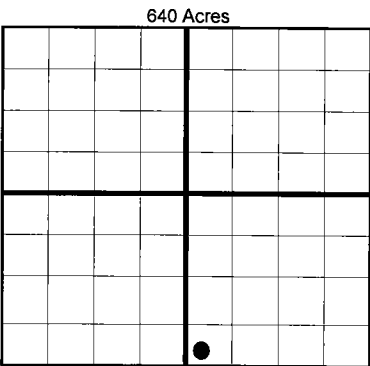
WELL NO. 2H

NAMES OF FORMATIONS	TOP
MISSISSIPPI LIME	5,626

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

Other remarks: Changing SHL incorrectly reported on the original 1002A filed on 4/27/2016.



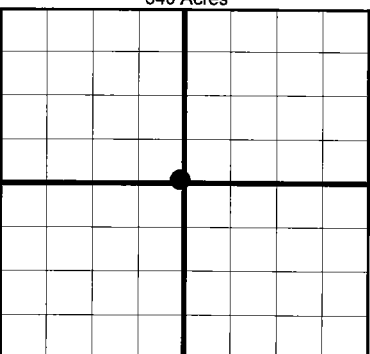
BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE							
SEC	TWP	RGE	COUNTY				
Spot Location	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:				

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)								
LATERAL #1								
SEC	TWP	RGE	COUNTY	WOODS				
Spot Location	SW 1/4	SW 1/4	SW 1/4	SE 1/4	Feet From 1/4 Sec Lines	FSL	FEL	2,388
Depth of Deviation	5,053		Radius of Turn	433	Direction	170	Total Length	4,889
Measured Total Depth	10,515		True Vertical Depth	5,486		BHL From Lease, Unit, or Property Line:		195

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.**



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:				

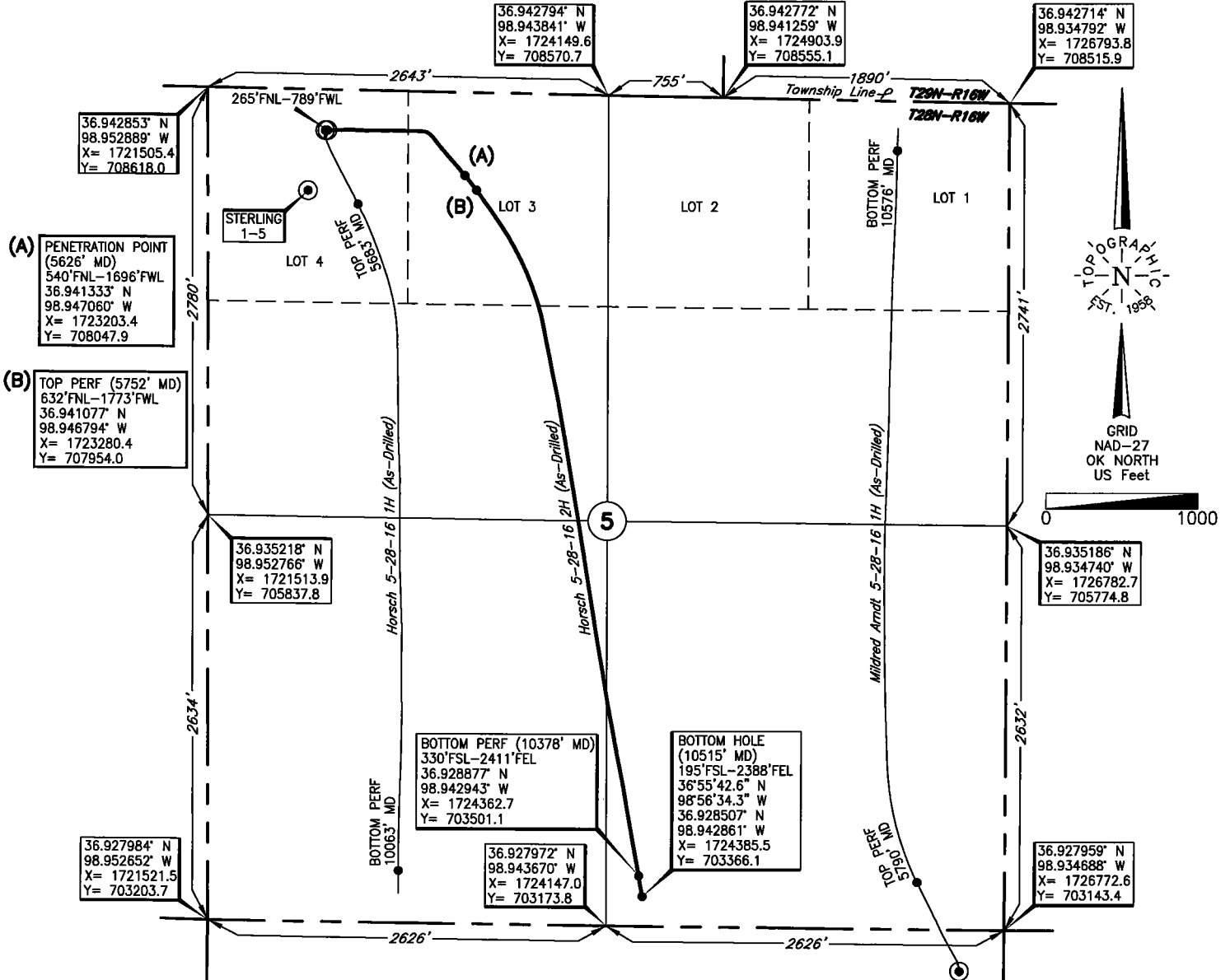
**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

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

WOODS

County, Oklahoma

265'FNL-789'FWL Section 5 Township 28N Range 16W I.M.



Operator: CHESAPEAKE OPERATING, L.L.C.

Lease Name: HORSCH 5-28-16

Well No.: 2H

**ELEVATION:**  
1808' Gr. at Level Pad

Topography & Vegetation Loc. fell on level pad, 192' South of SWD pipeline; ±211' South of E-W power line

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

Best Accessibility to Location From West on trail road

Distance & Direction  
 from Hwy Jct or Town From Tegarden, Ok, go ±1 mile West on US. Hwy. 64, then ±9 miles North, then ±2 miles East, then ±1 mile North to the NW Cor. of Sec. 5-T28N-R16W

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

DATUM: NAD-27  
 LAT: 36°56'31.6" N  
 LONG: 98°57'00.6" W  
 LAT: 36.942109° N  
 LONG: 98.950177° W  
 STATE PLANE  
 COORDINATES: (US Feet)  
 ZONE: OK NORTH  
 X: 1722295.2  
 Y: 708339.2

267098 Date of Drawing: Oct. 21, 2016  
 Invoice # 237232A Date Staked: Dec. 9, 2014 JP

**FINAL AS-DRILLED PLAT**

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