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.: 35073252620000

Completion Report

Spud Date: March 24, 2016

OTC Prod. Unit No.: 073-217545

Drilling Finished Date: April 17, 2016

1st Prod Date: June 18, 2016

Completion Date: June 16, 2016

Drill Type: **HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: CALVIN 8-16-9 1H

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

First Sales Date: 06/18/2016

Location: KINGFISHER 8 16N 9W
SE SE SE SW
261 FSL 2413 FWL of 1/4 SEC
Derrick Elevation: 1213 Ground Elevation: 1188

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
651467
651468

Increased Density
Order No
651312

Casing and Cement

Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	1502		1398	SURFACE
PRODUCTION	5 1/2	20	P-110	18931		2012	390

Liner

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

Total Depth: 18931

Packer

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

Plug

Depth	Plug Type
18798	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
Jun 25, 2016	MISS'AN (EX CHESTER)	870		2172	2497	157	FLOWING	125	19/64	2104

Completion and Test Data by Producing Formation

Formation Name: MISS'AN (EX CHESTER) Code: 359MSNLC Class: OIL

Spacing Orders

Order No	Unit Size
646569	640
649578	640
651315	MULTIUNIT

Perforated Intervals

From	To
9490	18798

Acid Volumes

4,500 GALLONS ACID

Fracture Treatments

176,899 BARRELS FLUIDS, 15,845,640 POUNDS PROPPANT

Formation	Top
MISSISSIPPIAN (LESS CHESTER)	9365

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 EXCEPTIONS AND THE FINAL MULTIUNIT ORDER HAS NOT BEEN SUBMITTED.

Lateral Holes

Sec: 5 TWP: 16N RGE: 9W County: KINGFISHER

NE NW NW NE

26 FNL 2195 FEL of 1/4 SEC

Depth of Deviation: 8377 Radius of Turn: 565 Direction: 358 Total Length: 9566

Measured Total Depth: 18931 True Vertical Depth: 8942 End Pt. Location From Release, Unit or Property Line: 26

FOR COMMISSION USE ONLY

1133839

Status: Accepted

API NO.	073-25262
OTC PROD. UNIT NO.	073-217545

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
JUN 29 2016
OKLAHOMA CORPORATION COMMISSION

Form 1002A
Rev. 2009

[X] ORIGINAL
[ ] AMENDED
Reason Amended

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

COMPLETION REPORT

SPUD DATE	3/24/2016
DRLG FINISHED DATE	4/17/2016
DATE OF WELL COMPLETION	6/16/2016
1ST PROD DATE	6/18/2016
RECOMP DATE	
Longitude (if Known)	

640 Acres

W E

LOCATE WELL

COUNTY	Kingfisher	SEC 8	TWP 16N	RGE 9W	
LEASE NAME	Calvin 8-16-9		WELL NO	1H	
SHL	SE 1/4 SE 1/4 SE 1/4 SW 1/4	FSL 261	FWL OF 1/4 SEC	2,413	
ELEVATION	Derrick Fl 1,213 Ground 1,188	Latitude (if Known)			
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

X	SINGLE ZONE
	MULTIPLE ZONE Application Date
	COMMINGLED Application Date
LOCATION EXCEPTION ORDER NO.	I.O. I.O. 651467 / 651468
INCREASED DENSITY ORDER NO.	651312

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
CONDUCTOR							
SURFACE	13-3/8"	48#	H-40	1,502		1,398	Surface
INTERMEDIATE							
PRODUCTION	5-1/2"	20#	P-110	18,931		2,012	390
LINER							

PACKER @ ____ BRAND & TYPE ____ PLUG @ ____ TYPE ____ PLUG @ CIBP TYPE 18,798 TOTAL DEPTH 18,931
PACKER @ ____ BRAND & TYPE ____ PLUG @ ____ TYPE ____ PLUG @ ____ TYPE ____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Mississippian (less Chester) 359MSNLC	Multi-Unit				Reported to Frac Focus
SPACING & SPACING ORDER NUMBER	640 646569 / 649578	651315 (Interim)				
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Oil					
PERFORATED INTERVALS	9,490 - 18,798					
ACID/VOLUME	4,500 gals acid					
FRACTURE TREATMEMT (Fluids/Prop Amounts)	176,899 bbls fluids 15,845,640# proppant					

AS SUBMITTED

Minimum Gas Allowable (165:10-17-7) Gas Purchaser/Measurer Chesapeake Operating, L.L.C.
[X] OR 1st Sales Date 6/18/2016
Oil Allowable (165:10-13-3)

INITIAL TEST DATA

INITIAL TEST DATE	6/25/2016					
OIL-BBL/DAY	870					
OIL-GRAVITY (API)						
GAS-MCF/DAY	2,172					
GAS-OIL RATIO CU FT/BBL	2,497					
WATER-BBL/DAY	157					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	125					
CHOKE SIZE	19/64					
FLOW TUBING PRESSURE	2,104					

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	NAME (PRINT OR TYPE)	DATE	PHONE NUMBER
Juanita Cooper	JUANITA COOPER - SR. REGULATORY ANALYST	6/28/2016	405-848-8000

ADDRESS	CITY	STATE	ZIP	EMAIL ADDRESS
P.O. BOX 18496	OKLAHOMA CITY	OK	73154	juanita.cooper@chk.com

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 Calvin 8-16-9 WELL NO. 1H

NAMES OF FORMATIONS	TOP
Mississippian (less Chester)	9,365

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

APPROVED DISAPPROVED

2) Reject Codes

Were open hole logs run? ___ yes X no

Date Last log was run N/A

Was CO_2 encountered? ___ yes X no at what depths?

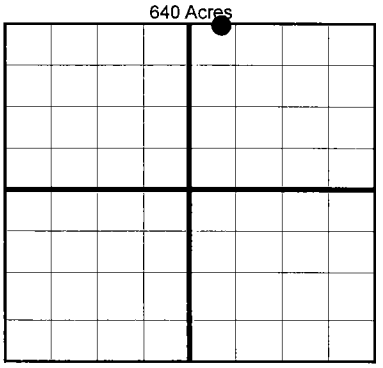
Was H_2S encountered? ___ yes X no at what depths?

Were unusual drilling circumstances encountered? ___ yes X no

If yes, briefly explain.

Other remarks:

640 Acres

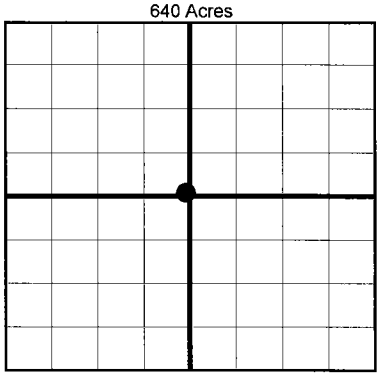


If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

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	FEL
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC 5	TWP 16N	RGE 9W	COUNTY Kingfisher			
Spot Location NE 1/4 NW 1/4 NW 1/4 NE 1/4				Feet From 1/4 Sec Lines	FNL 26	FEL 2,195
Depth of Deviation 8,377		Radius of Turn 565		Direction 358	Total Length 9,566	
Measured Total Depth 18,931		True Vertical Depth 8,942		BHL From Lease, Unit, or Property Line: 26		

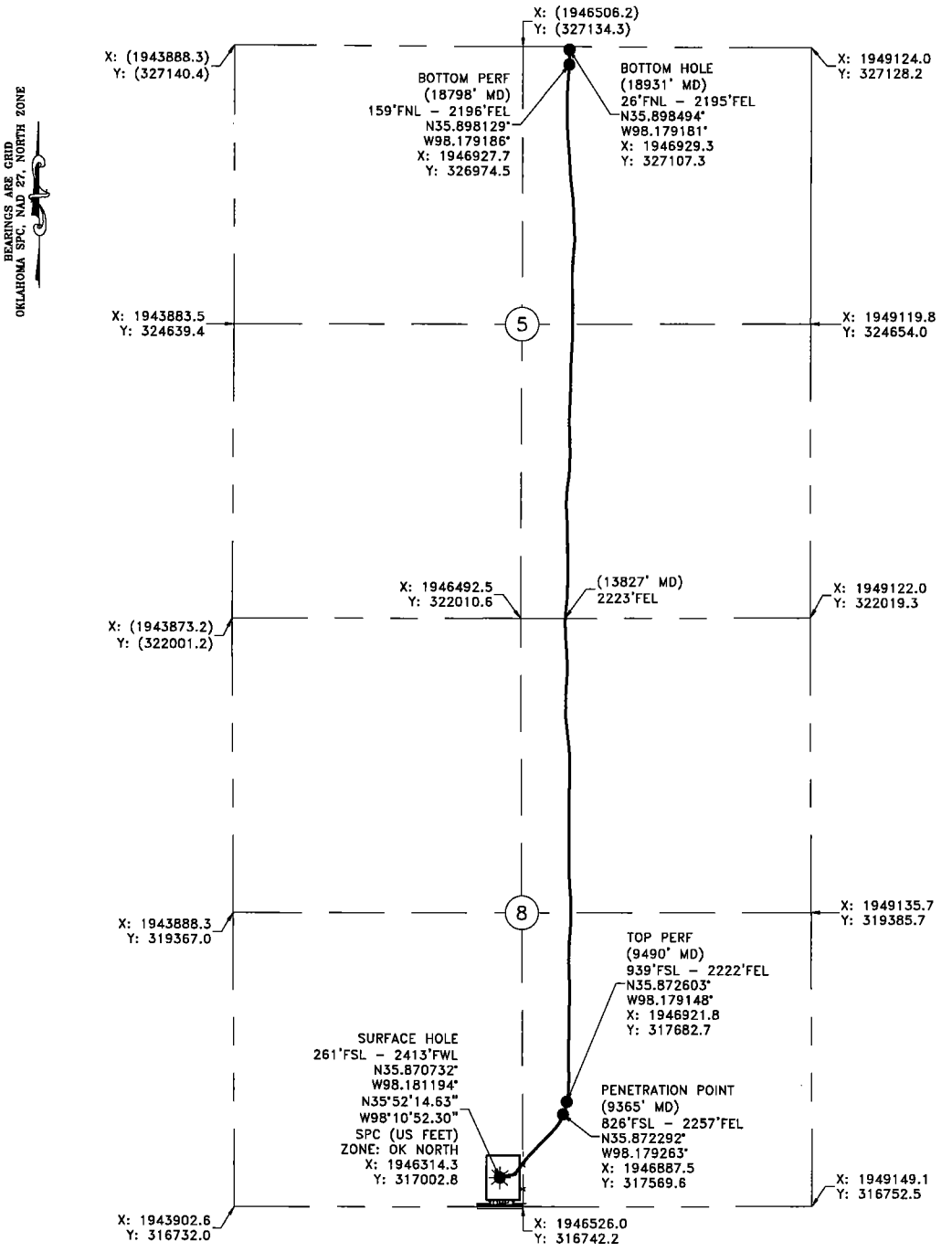
LATERAL #2

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:		

SECTIONS 5 AND 8, T 16 N – R 09 W, I.M.,
KINGFISHER COUNTY, OKLAHOMA



Operator: CHESAPEAKE OPERATING, L.L.C. Date Staked: 2/24/2016
Lease Name: CALVIN 8-16-9 Well No.: 1H Elevation: 1188'
Topography and Vegetation: PASTURE
Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE
Best Accessibility to Location: FROM COUNTY ROAD
Distance and Direction from Hwy. Jct. or town: FROM THE INTERSECTION OF CO. RD. E0790 AND N2695 IN OMEGA, HEAD EAST 1 MILE ON CO. RD. E0790, TURN NORTH INTO PAD LOCATION

FINAL AS-DRILLED PLAT

As-drilled information furnished by
Chesepeake Operating, Inc.

Chesapeake Operating, Inc.

Gateway
Gateway Services Group, LLC
PO. BOX 960
MEEKER, OK 74855
OFF. (405) 273-0954
FAX (405) 273-0580
C.A. NO. 4091 (LS)
EXP. DATE 6-30-2019

EXHIBIT "A" AS-DRILLED
CALVIN 8-16-9 1H
261'FSL – 2413'FWL
SW/4 SECTION 8, T 16 N – R 09 W, I.M.,
KINGFISHER COUNTY, OKLAHOMA

DRAWN BY: JE	DATE: 8/10/18	CHK'D: RLG
GATEWAY NO.: 18-0117-104ADR1		SCALE: 1"=1000'
PAD#: 929004		WELL#: 857570

REV.	DWN.	DESCRIPTION	DATE
1	JE	REVISED MD AT SECTION LINE	8/23/18

LEGEND
SURFACE LOCATION
EXISTING WELL
BOTTOM HOLE/TARGETED POINT
PROPOSED DRILL PATH
EXISTING PIPELINE
ELECTRIC LINE
OVERHEAD POWER
FENCE