

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.: 35073265060000

Completion Report

Spud Date: March 30, 2019

OTC Prod. Unit No.: 073-225514-0-0000

Drilling Finished Date: April 11, 2019

1st Prod Date: April 25, 2019

Completion Date: April 24, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: EMMERICH 30-18-6 5HC

Purchaser/Measurer: CHESAPEAKE OPERATING LLC

Location: KINGFISHER 30 18N 6W
SW SW SW SW
218 FSL 287 FWL of 1/4 SEC
Latitude: 36.00128297 Longitude: -97.88868829
Derrick Elevation: 1129 Ground Elevation: 1104

First Sales Date: 04/28/2019

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	Order No		Order No	
	Multiple Zone	696951		693341	
	Commingled	696953			

Casing and Cement								
Type		Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE		9 5/8	36	J-55	1478		725	SURFACE
PRODUCTION		7	26	P-110EC	7053		330	2972

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.50	P-110	7175	0	640	6802	13977

Total Depth: 13979

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		13880	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 02, 2019	OSWEGO	634	40.94	1394	2199	1201	PUMPING			156

Completion and Test Data by Producing Formation	
Formation Name: OSWEGO	Code: 404OSWG
Class: OIL	

Spacing Orders	
Order No	Unit Size
630825	640
693603	640
696950	MULTIUNIT

Perforated Intervals	
From	To
6933	13869

Acid Volumes
413,589 GALLONS ACID

Fracture Treatments
67,721 BARRELS FLUIDS

Formation	Top
OSWEGO	6923

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
EXCEPTION TO THE RULE ORDER NUMBER 696952

Lateral Holes
<p>Sec: 19 TWP: 18N RGE: 6W County: KINGFISHER</p> <p>NW NE NW SW</p> <p>2497 FSL 681 FWL of 1/4 SEC</p> <p>Depth of Deviation: 5764 Radius of Turn: 791 Direction: 10 Total Length: 6972</p> <p>Measured Total Depth: 13979 True Vertical Depth: 6555 End Pt. Location From Release, Unit or Property Line: 681</p>

FOR COMMISSION USE ONLY	
Status: Accepted	1143298

API NO. 073-26506
OTC PROD.
UNIT NO. 073-225514

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

JUN 27 2019

OKLAHOMA CORPORATION
COMMISSION

☒ ORIGINAL
☐ AMENDED
Reason Amended

TYPE OF DRILLING OPERATION

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

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

COUNTY Kingfisher SEC 30 17N 18N RGE 6W

LEASE NAME Emmerich 30-18-6 WELL NO 5HC

SW 1/4 SW 1/4 SW 1/4 SW 1/4 FSL 218 FWL OF 1/4 SEC 287

ELEVATION Derrick Fl 1,129 Ground 1,104 Latitude (if Known) 36.00128297

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 REPORT

SPUD DATE 3/30/2019

DRLG FINISHED DATE 4/11/2019

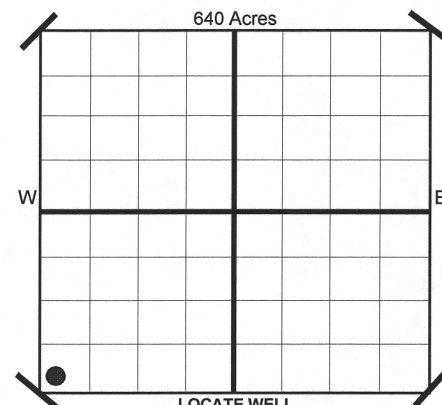
DATE OF WELL COMPLETION 4/24/2019

1ST PROD DATE 4/25/2019

RECOMP DATE

Longitude - 97.88868829

(if Known)



COMPLETION TYPE

☒ SINGLE ZONE
☐ MULTIPLE ZONE
Application Date
☐ COMMINGLED
Application Date
LOCATION EXCEPTION ORDER NO. 696951 / 696953
INCREASED DENSITY ORDER NO. 693341

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
CONDUCTOR							
SURFACE	9-5/8"	36#	J-55	1,478		725	Surface
INTERMEDIATE							
PRODUCTION	7"	26#	P-110EC	7,053		330	2,972
LINER	4 1/2"	13.50#	P-110	6,802-13,977		640	6,802
							13,979

PACKER @ BRAND & TYPE
PACKER @ BRAND & TYPE

PLUG @ TYPE
PLUG @ TYPE
PLUG @ 13,880 TYPE CIBP

TOTAL DEPTH

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Oswego	Multunit				Reported to Frac Focus
SPACING & SPACING ORDER NUMBER	640 630825 / 693603	696950 - P.O.				
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Oil					
PERFORATED INTERVALS	6,933 - 13,869					
ACID/VOLUME	413,589 gals acid					
FRACTURE TREATMENT (Fluids/Prop Amounts)	67,721 bbls fluids					

Minimum Gas Allowable (165:10-17-7) Gas Purchaser/Measurer Chesapeake Operating, L.L.C.
☒ OR 1st Sales Date 4/28/2019
Oil Allowable (165:10-13-3)

INITIAL TEST DATA

INITIAL TEST DATE	6/2/2019				
OIL-BBL/DAY	634				
OIL-GRAVITY (API)	40.94				
GAS-MCF/DAY	1,394				
GAS-OIL RATIO CU FT/BBL	2,199				
WATER-BBL/DAY	1,201				
PUMPING OR FLOWING	Pumping				
INITIAL SHUT-IN PRESSURE					
CHOKE SIZE					
FLOW TUBING PRESSURE	156				

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.

Juanita Cooper
SIGNATURE
P.O. BOX 18496
ADDRESS
OKLAHOMA CITY
CITY
OK
STATE
73154
ZIP
JUANITA COOPER - REGULATORY SPECIALIST
NAME (PRINT OR TYPE)
6/26/2019
DATE
405-848-8000
PHONE NUMBER
juanita.cooper@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 Emmerich 30-18-6

WELL NO. 5HC

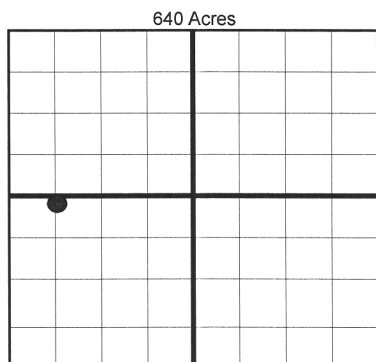
NAMES OF FORMATIONS	TOP
Oswego	6,923

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 ₂ encountered?	yes	<input checked="" type="checkbox"/> no at what depths?
Was H ₂ 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:

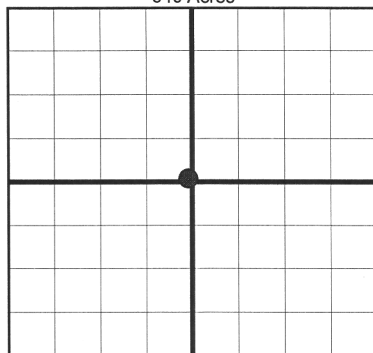
Exception to the Rule Order No. 696952



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

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

SEC	TWP	RGE	COUNTY
19	18N	6W	Kingfisher
Spot Location	NW 1/4	NE 1/4	SW 1/4
Depth of Deviation	5,764	Radius of Turn	791
Measured Total Depth	13,979	True Vertical Depth	6,555
BHL From Lease, Unit, or Property Line:		681	

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	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
Spot Location	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:	

CHESAPEAKE ENERGY

OPERATOR: CHESAPEAKE OPERATING, LLC
LEASE NAME: EMMERICH 30-18-6
WELL NO. 5HC
STAKED DATE: 12/13/18

GROUND ELEVATION: 1104.37 GR. AT STAKE
SURFACE HOLE FOOTAGE: 218' FSL - 287' FWL
SECTION: 30 TOWNSHIP: 18N RANGE: 6W
KINGFISHER COUNTY, STATE: OK

BOTTOM HOLE: 19-18N-6W I.M.
BOTTOM HOLE FOOTAGE: 2497' FSL - 681' FWL
BOTTOM PERF FOOTAGE: 2389' FSL - 660' FWL
TOP PERF FOOTAGE: 752' FSL - 365' FWL
PENETRATION POINT FOOTAGE: 742' FSL - 365' FWL
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE
TOPOGRAPHY & VEGETATION: LOCATION FELL ON THE SOUTH EDGE OF A FIELD.

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:
FROM THE TOWN OF DOVER, GO N. 1.25 MILES TO
E0700 CR. GO E. 1.1 MI. PAD IS ON N. SIDE OF ROAD.

SURFACE HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2032925.9

Y: 364493.2

GPS DATUM: NAD27

LAT: 36.00128297

LONG: -97.88868829

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2001326.7

Y: 364517.2

GPS DATUM: NAD83

LAT: 36.00132274

LONG: -97.88902102

TOP PERF DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2033000.7

Y: 365026.4

GPS DATUM: NAD27

LAT: 36.0027474

LONG: -97.88843337

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2001401.4

Y: 365050.3

GPS DATUM: NAD83

LAT: 36.00278719

LONG: -97.88876637

MD: 6933'

BOTTOM HOLE DATA

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 2033271.1

Y: 372048.6

GPS DATUM: NAD27

LAT: 36.02203761

LONG: -97.8874918

STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD83

X: 2001671.8

Y: 372072.6

GPS DATUM: NAD83

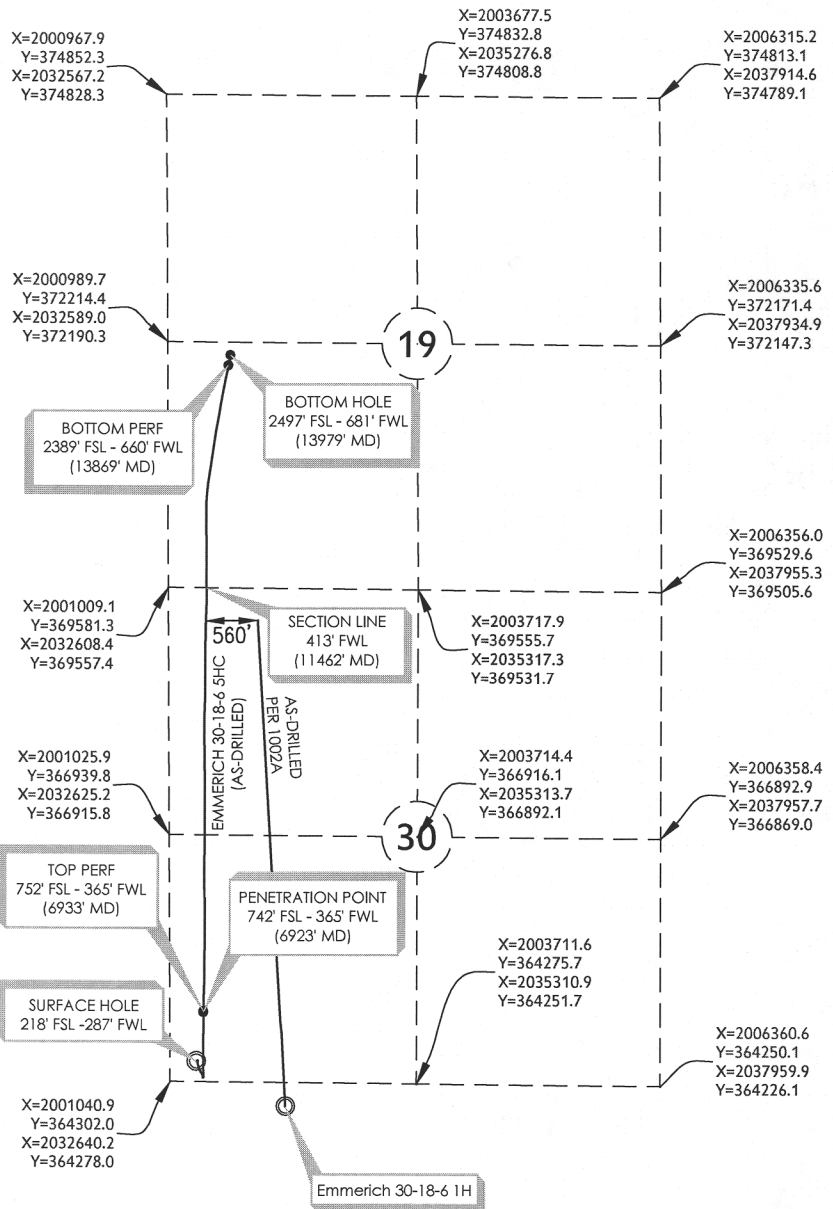
LAT: 36.02207706

LONG: -97.88782494

MD: 13979'

AS-DRILLED INFORMATION PROVIDED BY OPERATOR LISTED.

BASIS OF BEARING:
GRID NORTH (NAD 83)
OKLAHOMA - NORTH ZONE



EMMERICH 30-18-6 5HC

PART OF THE SW/4 OF
SECTION 30, 18N, 6W
AS-DRILLED EXHIBIT
KINGFISHER COUNTY, OKLAHOMA



300 Pointe Parkway Blvd
Yukon, OK 73099
405.787.6270 t 405.787.6276 f
www.craftontull.com
Crafton Tull
SURVEYING
CERTIFICATE OF AUTHORIZATION:
CA 973 (PE/LS) EXPIRES 6/30/2020

SCALE: 1" = 2000'
PLOT DATE: 05-09-2019

DRAWING: 17601132-AD-WELL
DRAWN BY: DW SHEET NO.: 1 OF 1