## Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

API No.: 35045237320000

OTC Prod. Unit No.: 045-225346-0-0000

**Completion Report** 

Spud Date: February 26, 2018 Drilling Finished Date: January 20, 2019

1st Prod Date: April 10, 2019

Completion Date: April 10, 2019

Drill Type: HORIZONTAL HOLE

Well Name: HURST-BOUGHAN 0805 4H

Location: ELLIS 17 18N 24W NW NW NE NE 250 FNL 1250 FEL of 1/4 SEC Latitude: 36.041785411 Longitude: -99.778127203 Derrick Elevation: 0 Ground Elevation: 2267

Operator: EOG RESOURCES INC 16231

3817 NW EXPRESSWAY STE 500 OKLAHOMA CITY, OK 73112-1483 Min Gas Allowable: Yes

Purchaser/Measurer: DCP MIDSTREAM

First Sales Date: 04/10/2019

C	ompletion Type	Location Exception	Increased Density
X Sir	ngle Zone	Order No	Order No
Μι	ultiple Zone	673930	666191
Co	ommingled	I	673795
L	J		678966

Casing and Cement												
Т	уре		Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT		
SUF	RFACE		9 5/8	36	J-55	1483			490	SURFACE		
INTER	MEDIATE		7	29	P-110	P-110 85		8527 445		1316		
PROE	UCTION		4 1/2	11.6	P-110	157	25		550	8336		
					Liner							
Туре	Size	Weig	ght	Grade	Length	Length PSI SA			Depth	Bottom Depth		
	•			There are	no Liner record	ds to displa	ay.	•		•		

# Total Depth: 17677

Pac	cker	PI	ug
Depth	Brand & Type	Depth	Plug Type
There are no Packe	er records to display.	There are no Plug	records to display.

Test Date	BBL/Da		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
Apr 12, 2019			42	90	928	1421	FLOWING	420	64	281
		Con	npletion and	Test Data	by Producing F	ormation				
	Formation Name: MARM	IATON		Code: 40	04MRMN	C	lass: OIL			
	Spacing Orders				Perforated I	ntervals				
Orde	r No U	nit Size		Fror	n	٦	о			
594	268	640		935	6	15				
599	494	640								
675	218 ML	ILTIUNIT								
	Acid Volumes				Fracture Tre	atments		7		
	21,000 GALLONS 7.5% H	CL	6,8	12,274 GALI	LONS TOTAL F TOTAL PRC		102 POUNDS	5		
Formation		Т	ор	v	Vere open hole I	logs run? No				
MARMATON			9356 Date last log run:							
					Vere unusual dri Explanation:	illing circums	tances encou	Intered? No		

### Other Remarks

WELL NAME CHANGED FROM THAT ON APPROVED PERMIT TO DRILL TO INCLUDE "0805" IN LEASE NAME RATHER THAN WELL NUMBER. DRILLED 8.75" INTERMEDIATE HOLE TO 7,441'. WHILE DRILLING, DRAWWORKS LOST POWER AND DRILL STRING FELL APPROXIMATELY 4" TO RIG FLOOR AND SET DOWN ON TOP DRIVE BACKUP WRENCH. WHILE PERFORMING RIG REPAIRS, DRILL STRING BECAME STUCK IN HOLE. ATTEMPTS TO WORK THE STUCK PIPE FREE FAILED. RECOVERED PIPE DOWN TO 6,613'. SET CEMENT PLUGS ON TOP OF FISH. PUMP 75 BARRELS CEMENT @ 15.6 PPG. TOP @ 3,810', BOTTOM @ 4,562'. PUMP 75 BARRELS CEMENT @ 15.6 PPG. TOP @ 3,058', BOTTOM @ 3,081'. PUMP 75 BARRELS CEMENT @ 15.6 PPS. TOP @ 2,306', BOTTOM @ 3,058'. PUMP 45 BARRELS CEMENT @ 17.5 PPG. TOP @ 1,698', BOTTOM @ 2,306'. PUMP 28 BARRELS CEMENT @ 16.5 PPG. TOP @ 1,415', BOTTOM @ 1,652'. PICK UP RETRIEVABLE BRIDGE PLUG. SET DOWN 20K, PULL UP 30K FOR 10 MIN. TEST WITH 1,000 PSI FOR 10 MIN. RIG DOWN RIG KENAI 18 AND MOVE IN RIG UP KENAI 19, RE-ENTERED WELL AND RETRIEVED BRIDGE PLUG. KICKED OFF CEMENT PLUG @ 2,203'. DRILLED 8.75" HOLE AND SET INTERMEDIATE CASING. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

Lateral Holes

Sec: 17 TWP: 18N RGE: 24W County: ELLIS

NE NE NW NE

174 FNL 1321 FEL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 292 Total Length: 0

Measured Total Depth: 7347 True Vertical Depth: 7344 End Pt. Location From Release, Unit or Property Line: 174

Sec: 5 TWP: 18N RGE: 24W County: ELLIS

NW SW SW NE

2163 FNL 2325 FEL of 1/4 SEC

Depth of Deviation: 8659 Radius of Turn: 866 Direction: 350 Total Length: 8152

Measured Total Depth: 17677 True Vertical Depth: 9093 End Pt. Location From Release, Unit or Property Line: 2163

# FOR COMMISSION USE ONLY

Status: Accepted

1142778

API NO.       045-23732 OTC PROD.       045-223346       PLEASE TYPE OR USE BLACK INK ONLY NOTE:       OKLAHOMA CORPORATION COMMISSION OII & Gas Conservation Division Post Office Box 52000 Oklahoma 73152-2000         Image: Construction of the construction of reentry.       Attach copy of original 1002A if recompletion or reentry.       OKLAHOMA CORPORATION COMMISSION Oil & Gas Conservation Division Post Office Box 52000 Oklahoma 73152-2000         Image: Construction of the construct	OKLAH	OMA C	1 2019 CORPORATION
Interview       if recompletion or reentry.       ORIGINAL         AMENDED (Reason)       COMPLETION REPORT         TYPE OF DRILLING OPERATION       STRAIGHT HOLE       DIRECTIONAL HOLE         STRAIGHT HOLE       DIRECTIONAL HOLE       HORIZONTAL HOLE         If directional or horizontal, see reverse for bottom hole location.       DATE       2/26/2018         COUNTY       Ellis       SEC       17       TWP 18N       RGE       24W         COUNTY       Ellis       SEC       17       TWP 18N       RGE       24W       DATE       4/10/2019         LEASE       Hurst-Boughan 0805       WELL       4H       1st PROD DATE       4/10/2019         NW       1/4       NK       1/4       1/4       FIL       FIL       1/4 SEC	OKLAH	oma c Comm	CORPORATION
X       ORIGINAL AMENDED (Reason)       Rule 165:10-3-25         YPE OF DRILLING OPERATION       COMPLETION REPORT         STRAIGHT HOLE       DIRECTIONAL HOLE       X HORIZONTAL HOLE         STRAIGHT HOLE       DIRECTIONAL HOLE       SPUD DATE       2/26/2018         DATE       1/20/2019       DATE       1/20/2019         COUNTY       Ellis       SEC       17       TWP 18N       RGE       24W       DATE OF WELL COMPLETION       4/10/2019         LEASE       Hurst-Boughan 0805       WELL 1/4 SEC       4H       1st PROD DATE       4/10/2019         NW       1/4       NW       1/4       NE       1/4       FEBS       1,250       RECOMP DATE         ELEVATIO N Derick       Ground       2,267       Latitude (if known)       26.04/170554//1       Longitude (if known)       -99.7778/127208         OPERATOR       EOG Resources, Inc.       OTC/OCC OPERATOR NO.       16231	DKLAH	COWW	IISSION
TYPE OF DRILLING OPERATION       SPUD DATE       2/26/2018         SERVICE WELL       DIRECTIONAL HOLE       There is a service well       DRLG FINISHED       1/20/2019         If directional or horizontal, see reverse for bottom hole location.       DATE OF WELL       1/20/2019         COUNTY       Ellis       SEC 17       TWP 18N       RGE 24W       DATE OF WELL         LEASE       Hurst-Boughan 0805       WELL       4H       1st PROD DATE       4/10/2019         NAME       Hurst-Boughan 0805       WELL       4H       1st PROD DATE       4/10/2019         NW       1/4 NW       1/4 NE       1/4 SEC       250       FELS       1,250         N Derrick       Ground       2,267       Latitude (if known)       36.04/17654//1/       Longitude (if known)       -99.7778/127208         OPERATOR       EOG Resources, Inc.       OTC/OCC       0PERATOR NO.       16231		COWW	IISSION
STRAIGHT HOLE       DIRECTIONAL HOLE       THORIZONTAL HOLE       SPUD DATE       2/26/2018         SERVICE WELL       If directional or horizontal, see reverse for bottom hole location.       DRLG FINISHED       1/20/2019         COUNTY       Ellis       SEC       17       TWP 18N       RGE       24W       DATE       4/10/2019         LEASE       Hurst-Boughan 0805       WELL       4H       1st PROD DATE       4/10/2019         NW       1/4       NE       1/4       FEU       1/250       RECOMP DATE       4/10/2019         NW       1/4       NE       1/4       FEU       1/4 SEC       1/4 SEC       1/4 SEC       1/200         ND Derrick       Ground       2,267       Latitude (if known)       36,04/170554//1       Longitude (if known)       -99,778/12,7208         OPERATOR       EOG Resources, Inc.       OTC/OCC OPERATOR NO.       16231		640 Acres	
If directional or horizontal, see reverse for bottom hole location.       DATE       1/20/2019         COUNTY       Ellis       SEC       17       TWP 18N       Rge       24W       DATE       0/2019         LEASE       Hurst-Boughan 0805       WELL       AH       1st PROD DATE       4/10/2019         NAME       Hurst-Boughan 0805       WELL       AH       1st PROD DATE       4/10/2019         NW 1/4 NW 1/4 NE 1/4       NE 1/4       FE       250       FE       1,250       RECOMP DATE         ND errick       Ground       2,267       Latitude (if known)       36,0417055411       Longitude (if known)       -99,778127208         OPERATOR       EOG Resources, Inc.       OTC/OCC OPERATOR NO.       016231			s X
COUNT         EIIIS         SEC 17         IMP T8N         RGE         24W         COMPLETION         4/10/2019           LEASE NAME         Hurst-Boughan 0805         WELL NO         4H         1st PROD DATE         4/10/2019           NW         1/4         NE         1/4         NO         1st PROD DATE         4/10/2019           NW         1/4         NE         1/4         NO         1st PROD DATE         4/10/2019           NW         1/4         NE         1/4         NO         1/4 SEC         1,250         RECOMP DATE           ELEVATIO N. Derrick         Ground         2,267         Latitude (if known)         36,04176554111         Longitude (if known)         -99,778127208           OPERATOR NAME         EOG Resources, Inc.         OTC/OCC OPERATOR NO.         16231			
NAME         Hurst-Bougnan 0805         AH         1st PROD DATE         4/10/2019           NW         1/4         NE         1/4         FN         1st PROD DATE         4/10/2019           NW         1/4         NE         1/4         FN         1/4 SEC         1,250         RECOMP DATE           ELEVATIO N Derrick         Ground         2,267         Latitude (if known)         36,041765411         Longitude (if known)         -99,778127203           OPERATOR NAME         EOG Resources, Inc.         OTC/OCC OPERATOR NO.         0TC/OCC         16231			
NW         1/4         NE         1/4         NE         1/4         FN         T/4         Sec         250         FEU 1/4         1,250         RECOMP DATE         W           ELEVATIO N Derrick         Ground         2,267         Latitude (if known)         36,041765411         Longitude (if known)         -99,778127203         W           OPERATOR NAME         EOG Resources, Inc.         OTC/OCC OPERATOR NO.         0TC/OCC         16231			
ELECYATIO     Ground     2,267     Latitude (if known)     36,041785411     Longitude (if known)     -99,778127203       OPERATOR NAME     EOG Resources, Inc.     OTC/OCC OPERATOR NO.     OTC/OCC OPERATOR NO.     16231			E
DPERATOR EOG Resources, Inc. OTC/OCC 16231			
VPERATOR NO.			
CITY Oklahoma City STATE OK ZIP 73112	1	LOCATE WI	ELL
COMPLETION TYPE         CASING & CEMENT (Form 1002C must be attached)           X         SINGLE ZONE         TYPE         SIZE         WEIGHT         GRADE         FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE CONDUCTOR	FOI	GAA	
Application Date SURFACE 9 5/8 36 J-55 1,483		490	SURFACE
LOCATION ORDER 673930 INTERMEDIATE 7 29 P-110 8,527		445	1,316
DECREMENT         666191, 678966, 673795         PRODUCTION         4 1/2         11.6         P-110         15,725		550	8,336
LINER			
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE		TOTAL DEPTH	17,677
PACKER @BRAND & TYPEPLUG @TYPEPLUG @TYPE			
COMPLETION & TEST DATA BY PRODUCING FORMATION 404/11/11/11			
		A	lonitor Kepar
DRDER NUMBER 640/594268, 599494, MU - 675218 July		T	o Fractocos
Disp, Comm Disp, Svc			
PERFORATED 9,356 - 15,707			
NTERVALS 9,550 - 15,707			
ACID/VOLUME TOTAL ACID - 21,000 GALS			
7.5% HCL			
RACTURE TREATMENT TOTAL FLUID - 6,812,274 Fluids/Prop Amounts) GALS			
TOTAL PROB .8,916,102 LBS			
Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer		DCP N	/idstream
OR         First Sales Date           NITIAL TEST DATA         Oil Allowable         (165:10-13-3)			0/2019
NITIAL TEST DATE 4/12/2019			
Dil-BBL/DAY 97			
GAS-MCE/DAY QO			
AS NOTION STORE SUBMIT	HE		
PUMPING OR FLOWING FLOWING			
PUMPING OR FLOWING FLOWING FLOWING 000000000000000000000000000000000000			<b> </b>
			n
FLOW TUBING PRESSURE 281			
A focourd of the formations drilled have been the	nd am autho the best of i	orized by my my knowlede	organization ge and belief.
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 a 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		~	
Arecord 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 a 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 Joni Reeder	11/10	4	05-246-3100
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	DATE	Pł	HONE NUMBER

PLEASE TYPE OR USE BLACK INK ONLY	
FORMATION RECORD	

Give formation names and tops, if available, or descriptions and thickness of formations

HURST	-BOUGHAN	0805

4H

WELL NO.

NAMES OF FORMATIONS		TOP	FOR COMMISSION USE ONLY
MARMATON	MD	9,356	ITD on file YES NO APPROVED DISAPPROVED 2) Reject Codes
			Were open hole logs run?      yes _X_ no         Date Last log was run

LEASE NAME

#### Other remarks: NAME CHANGED FROM THAT ON APPROVED PERMIT TO DRILL TO INCLUDE "0805" IN LEASE NAME RATHER THAN WELL NO.

Drilled 8.75" intermediate hole to 7441'. While drilling, drawworks lost power and drill string fell approx. 4' to rig floor and set down on top drive backup wrench. While performing rig

repairs, drill string became stuck in hole. Attempts to work the stuck pipe free failed. Recovered pipe down to 6613'. Set cement plugs on top of fish.

Pump 75 bbls cement @ 15.6 ppg. Top @ 3810', bottom @ 4562'. Pump 75 bbls cement @ 15.6 ppg. Top @ 3058', Bottom @ 3810'. Pump 75 bbls cement @ 15.6 ppg. Top @ 2306',

Bottom @ 3058'. Pump 45 bbls cement @ 17.5 ppg. Top @ 1698', Bottom @ 2306'. Pump 28 bbls cement @ 16.5 ppg. Top @ 1415', Bottom @ 1652'. Pick up retreivable bridge plug,

set down 20k, pull up 30k for 10 min. test with 1000 psi for 10 min. Rig down Rig Kenai 18 and move in Rig up Kenai 19. re-enetered well and retrieved bridge plug. Kicked off cement plug @ 2203'. Drilled 8.75" hole and set intermediate casing.

640 Acres	BOTTOM HOLI
	SEC TV
	Spot Location
	1/4
	Measured Total

#### BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE		COUNTY					
Spot Location	n 1/4	1/4	1/4	1	1/4	Feet From 1/4 Sec Lines	FSL	F٧	WL
Measured To	otal Depth		True Vertical Depth			BHL From Lease, Unit, or Property	/ Line:		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

#### **ORIGINAL HOLE**

OIG		LIIOLI	-									
SEC	17	TWP	18N	RGE	24W	COUNTY			ELLIS			
Spot L N	ocatio E	n 1/4	NE	1/4	NW 1/4	NE	1/4	Feet From 1/4 Sec Lines	FNL	174	FEL	1,321
Depth Deviat					Radius of Turn			Direction 292	Total Length			
Measu	red To	otal Depth	1		True Vertical Depth			BHL From Lease, Unit, or Prope	erty Line:			
		7,34	17		7,34	4			174			

#### LATERAL #2 - SIDETRACKED HOLE

	1	OIDEI	INAONED I	IOLL									
SEC	5	WP	18N	RGE	24	łW	COUNTY	ELLIS					
Spot Loc NW		/4	SW	1/4	SW	1/4	NE	1/4	Feet From 1/4 Sec Lines	FNL 2,16	FEL 2,325		
Depth of Deviation			8,659		Radius of	Turn	866		Direction 350	Total Length	8,152		
Measure	d Tota	I Depth	ו		True Vertio	cal Depth			BHL From Lease, Unit, or Prope	erty Line:			
		17,6	77			9,0	93			2,16			

#### LATERAL #3 SEC TWP RGE COUNTY Spot Location Feet From 1/4 Sec Lines FWL FSL 1/4 1/4 1/4 1/4 Depth of Radius of Turn Direction Total Deviation Length Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line:

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.



