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

Completion Report Spud Date: November 16, 2017

OTC Prod. Unit No.: 045-225344-0-0000 Drilling Finished Date: December 21, 2017

1st Prod Date: April 10, 2019

Completion Date: April 10, 2019

Drill Type: HORIZONTAL HOLE

API No.: 35045236980000

Min Gas Allowable: Yes

Well Name: HURST-BOUGHAN 8 5H Purchaser/Measurer: DCP MIDSTREAM

Location: ELLIS 17 18N 24W First Sales Date: 04/10/2019

NW NW NE NE

250 FNL 1210 FEL of 1/4 SEC

Derrick Elevation: 0 Ground Elevation: 2267

Operator: EOG RESOURCES INC 16231

3817 NW EXPRESSWAY STE 500 OKLAHOMA CITY, OK 73112-1483

	Completion Type						
Х	Single Zone						
	Multiple Zone						
	Commingled						

Location Exception
Order No
685699

Increased Density
Order No
673795

Casing and Cement									
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT		
SURFACE	9 5/8	36	J-55	1013		490	SURFACE		
PRODUCTION	7	29	P-110	8407		570	1410		

Liner								
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	13.5	P-110	6623	0	865	8240	14863

Total Depth: 14912

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

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	
Apr 12, 2019	MARMATON	67	40	64	955	1500	FLOWING		64	251	

June 19, 2019 1 of 2

Completion and Test Data by Producing Formation

Formation Name: MARMATON

Code: 404MRMN

Class: OIL

Spacing Orders						
Order No	Unit Size					
599494	640					

Perforated Intervals							
From	То						
10602	14768						

Acid Volumes

19,000 GALLONS 7.5% HCL TOTAL ACID

Fracture Treatments

4,440,156 GALLONS TOTAL FLUID, 4,807,000 POUNDS TOTAL PROPPANT

Formation	Тор
MARMATON	9244

Were open hole logs run? Yes
Date last log run: December 08, 2017

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

WELL NAME CHANGED FROM THAT ON APPROVED PERMIT TO DRILL TO INCLUDE "8" IN LEASE NAME RATHER THAN WELL NUMBER. DRILL VERTICAL PILOT HOLE FOR LOGGING FROM 8,467' TO 9,714'. SET AND CEMENTED WHIPSTOCK IN HOLE AT 8,593', 32 JOINTS OF 2 3/8" TUBING TAIL PIPE. PUMPED 25 BARRELS OF 10 PPG SPACER, 200 SACKS OF 15.6 PPG CEMENT AND DISPLACED WITH 5 BARRELS OF 10 PPG SPACER. PULLED OUT OF WHIPSTOCK AND CIRCULATED UP SPACER, TRIP OUT OF HOLE TO PICK UP CURVE BHA. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes

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

SE NW NE NE

365 FNL 785 FEL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 287 Total Length: 0

Measured Total Depth: 9714 True Vertical Depth: 9680 End Pt. Location From Release, Unit or Property Line: 365

Sec: 8 TWP: 18N RGE: 24W County: ELLIS

NW NE NE NE

52 FNL 342 FEL of 1/4 SEC

Depth of Deviation: 8302 Radius of Turn: 1497 Direction: 4 Total Length: 5113

Measured Total Depth: 14912 True Vertical Depth: 9127 End Pt. Location From Release, Unit or Property Line: 52

FOR COMMISSION USE ONLY

1142782

Status: Accepted

June 19, 2019 2 of 2

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.

NAMES OF FORMATIONS		TOP				FOR C	OMMISSION USE	ONLY	
MARMATON	MD	9,244							
				ITD on file	Y	ESNO			
				APPROVED		ISAPPROVED			
	* .					2)	Reject Codes		
				Were open h	ole logs run?	X_ yes	no		
				Date Last log	was run	1	2/8/2017		
				Julio Edot log	wastan				
	,			Was CO₂ en	countered?	yesX			
				Was H₂S end	ountered?	ves	no at what de	pths?	
					l drilling circumst explain below:	ances encountered?		yesX	no
			_					-	
ther remarks:									
NAME CHANGED FROM									
rill vertical pilot hole for logging from 8,467	' to 9,714'. Set an	nd cemented whip	stock ir	n hole at 8,593', 32	2 joints of 2 3/8	tubing tail pipe. Pumped	25 bbls of 10 ppg	spacer, 200 sa	cks of
5.6 ppg cement and displaced with 5 bbls o	of 10 ppg spacer.	Pulled out of whip	pstock a	and circulated up s	spacer, trip out	of hole to pick up curve bh	na		
			•		,	The second points of the secon			
•									
									· No. :
640 Acres	воттом но	LE LOCATION FO	R DIREC	CTIONAL HOLE					
	SEC	TWP	RGE		COUNTY				
	Spot Location					F F 4/4 O 1:	F01	=140	
		1/4	1/4	1/4	1/-		FSL	FWL	
	Measured Total	ai Depth		True Vertical Depth		BHL From Lease, Unit, or P	roperty Line:		
	воттом но	I E I OCATION EO	D HODI:	ZONTAL HOLE: (LA	TEDAL C)				
	ВОТТОМ НО	LE LOCATION FO	K HUKIZ	ZONTAL HOLE: (L/	(TERALS)				
	PILOT HO								
	SEC 17	18N	RGE	24W	COUNTY		ELLIS		
	Spot Location					Feet From 1/4 Sec Lines	FNL 36	SE 551	705
	SE 1 Depth of	1/4 NW	1/4	NE 1/4	NE 1/4			65 FEL	785
re than three drainholes are proposed, attach a	Depth of			Radius of Turn		Direction 28	7 Total Length		
rate sheet indicating the necessary information.		-1.0 - 11		T 1/ // 15 //					-
tion must be stated in degrees azimuth.	Measured Total	ai Depth		True Vertical Depth		BHL From Lease, Unit, or P	roperty Line:		
	Measured Lota	9,714		•	30	BHL From Lease, Unit, or P			
se note, the horizontal drainhole and its end	Measured Total			9,68	30	BHL From Lease, Unit, or P	roperty Line: 365		
t must be located within the boundaries of the	SIDETRAC	9,714 K HOLE		•		BHL From Lease, Unit, or P			-
must be located within the boundaries of the	SIDETRAC	9,714	RGE	•	COUNTY	BHL From Lease, Unit, or P			
must be located within the boundaries of the or spacing unit.	SIDETRAC SEC 8 T	9,714 EK HOLE TWP 18N		9,68			365 ELLIS	0	0.40
must be located within the boundaries of the or spacing unit. ctional surveys are required for all nholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1	9,714 EK HOLE TWP 18N	RGE	9,68 24W NE 1/4		East From 1/4 Sec Lines	365	2 FEL	342
must be located within the boundaries of the or spacing unit. ctional surveys are required for all	SIDETRAC SEC 8 T Spot Location NW 1 Depth of	9,714 EK HOLE WP 18N	RGE	9,68 24W	COUNTY	East From 1/4 Sec Lines	365 ELLIS FNL 5	2 FEL 5,113	
must be located within the boundaries of the or spacing unit. ctional surveys are required for all nholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1	9,714 K HOLE WP 18N /4 NE 8,302	1/4	9,68 24W NE 1/4	COUNTY NE 1/4	Feet From 1/4 Sec Lines	365 ELLIS FNL 5 Total Length		
must be located within the boundaries of the or spacing unit. bectional surveys are required for all nholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation	9,714 K HOLE WP 18N /4 NE 8,302	1/4	9,68 24W NE 1/4 Radius of Turn	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.6	STOTAL Length roperty Line:		
must be located within the boundaries of the or spacing unit. ctional surveys are required for all nholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation	9,714 EK HOLE TWP 18N 1/4 NE 8,302 al Depth	1/4	9,68 24W NE 1/4 Radius of Turn True Vertical Depth	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.6	365 ELLIS FNL 5 Total Length		
must be located within the boundaries of the or spacing unit. ctional surveys are required for all nholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation Measured Tota	9,714 K HOLE WP 18N /4 NE 8,302 al Depth 14,912	1/4	9,68 24W NE 1/4 Radius of Turn True Vertical Depth	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.6	STOTAL Length roperty Line:		
must be located within the boundaries of the or spacing unit. ctional surveys are required for all nholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation Measured Tota	9,714 EK HOLE TWP 18N 1/4 NE 8,302 al Depth	1/4	9,68 24W NE 1/4 Radius of Turn True Vertical Depth	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.6	STOTAL Length roperty Line:		
must be located within the boundaries of the or spacing unit. ctional surveys are required for all sholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation Measured Tota	9,714 K HOLE WP 18N /4 NE 8,302 al Depth 14,912	1/4	9,68 24W NE 1/4 Radius of Turn True Vertical Depth	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.68 BHL From Lease, Unit, or P.	SELLIS FNL 5 Total Length roperty Line: 52	5,113	
must be located within the boundaries of the e or spacing unit. ectional surveys are required for all inholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation Measured Tota LATERAL #3 SEC T Spot Location 1.	9,714 K HOLE WP 18N /4 NE 8,302 al Depth 14,912	RGE 1/4 RGE	9,68 24W NE 1/4 Radius of Turn True Vertical Depth 9,12	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.6 BHL From Lease, Unit, or P	STOTAL Length roperty Line:		
t must be located within the boundaries of the e or spacing unit. ectional surveys are required for all inholes and directional wells.	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation Measured Tota LATERAL #3 SEC T Spot Location 1. Depth of	9,714 EK HOLE WP 18N 18N NE 8,302 al Depth 14,912	RGE 1/4 RGE	9,68 24W NE 1/4 Radius of Turn True Vertical Depth 9,12	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 4.6 BHL From Lease, Unit, or P	FSL Total Length roperty Line: 52	5,113	
ease note, the horizontal drainhole and its end int must be located within the boundaries of the ise or spacing unit. Irectional surveys are required for all ainholes and directional wells. 640 Acres	SIDETRAC SEC 8 T Spot Location NW 1 Depth of Deviation Measured Tota LATERAL #3 SEC T Spot Location 1.	9,714 EK HOLE TWP 18N //4 NE 8,302 al Depth 14,912 TWP	RGE 1/4 F	9,68 24W NE 1/4 Radius of Turn True Vertical Depth 9,12	NE 1/4 1,497	Feet From 1/4 Sec Lines Direction 5 AAC BHL From Lease, Unit, or P	FNL 5 Total Length roperty Line: 52 FSL Total Length Length Length Length Length Length Length Length	5,113	342

LEASE NAME

HURST-BOUGHAN 8

5H

WELL NO.

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Cartificate of Authorization No. 1293 LS
ELLIS
County, Oklahoma ___ County, Oklahoma hip <u>18N</u> Range <u>24W</u>I.M. 250'FNL-1210'FEL Section ___17 _ Township _ X= 1473014 Y= 389612 X= 1475644 Y= 389563 X= 1470386 Y= 389661 BAL NE NE NE NE 165' HARDLINE BOTTOM HOLE (14912' MD) 52'FNL-342'FEL 36'03'24.8" N 99'46'30.7" W 36.056898905' N 99.775187908' W X= 1475301 Y= 389517 ±14799' MD / X= 1470351 Y= 387016 #5H 8 X= 1475613 Y= 386909 X= 1470316 Y= 384371 ±9777' MD 165' HARDLINE X= 1475583 Y= 384255 Pilot Hole
365' FEL
785' FEL
NE NE X= 1472949 Y= 384313 165' HARDLINE ±9385' MD SURFACE HOLE GRID X= 1470295 Y= 381725 X= 1475558 Y= 381601 OK NORTH US Feet 500' 1000' Operator: EOG RESOURCES, INC. **ELEVATION:** Lease Name: HURST-BOUGHAN Well No.: _ 08#5H 2267' Gr. at Stake Topography & Vegetation <u>Loc. fell in sandy brush pasture.</u> Reference Stakes or Alternate Location Good Drill Site? _ Stakes Set None Best Accessibility to Location ____ From East off lease road. Distance & Direction From the junction of US Hwy, 60 E-W and US Hwy, 283 S, go South from Hwy Jct or Town ±6.5 miles, then West ±1 through section 16 to the NE Cor. of Sec 17-T18N-R24W. Date of Drawing: Jan. 04, 2018 DATUM: NAD-27 LAT: 36°02'30.4"N Invoice # <u>284368A</u> Date Staked: <u>Sept. 19, 2017</u> recei LONG: 99°46'40.8"W LAT: 36.041785143°N FINAL AS-DRILLED PLAT LONG: 99.777992501°W s informat d with a foot Horiz./ STATE PLANE COORDINATES: (US Feet) AS-DRILLED INFORMATION ZONE: OK NORTH

FURNISHED BY EOG RESOURCES, INC.

X: 1474371 384032