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

API No.: 35029213080000

OTC Prod. Unit No.:

Completion Report

Drilling Finished Date: October 28, 2015 1st Prod Date: November 25, 2015

Completion Date: November 17, 2015

Spud Date: October 14, 2015

Drill Type: HORIZONTAL HOLE

Well Name: SPEARS 5-11H

Location: COAL 11 1N 10E NE NW NW NE 281 FNL 2088 FEL of 1/4 SEC Latitude: 34.577538 Longitude: -96.2209775 Derrick Elevation: 0 Ground Elevation: 650

Operator: BRAVO ARKOMA LLC 23562

1323 E 71ST ST STE 400 TULSA, OK 74136-5067 Min Gas Allowable: Yes

Purchaser/Measurer: FOUR WINDS

First Sales Date: 11/25/2015

	Completion Type	Location Exception	Increased Density
Х	Single Zone	Order No	Order No
	Multiple Zone	649212	643946
	Commingled		

Casing and Cement SAX Top of CMT Size Weight Grade Feet PSI Туре CONDUCTOR 16 75 J-55 0 SURFACE SURFACE 9 5/8 36 J-55 988 405 SURFACE PRODUCTION 5 1/2 20 P-110 1655 7940 13939 Liner Type Size Weight Grade Length PSI SAX **Top Depth Bottom Depth** There are no Liner records to display.

Total Depth: 13990

Pac	ker	Plug				
Depth	Brand & Type	Depth	Plug Type			
There are no Packe	r records to display.	There are no Plug	records to display.			

				Initial Te	est 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
Dec 11, 2015	WOODFORD			4585		1383	FLOWING			310
		Cor	npletion and	l Test Data	by Producing F	ormation				
	Formation Name: WOOD	FORD		Code: 3	319WDFD	С	lass: GAS			
	Spacing Orders				Perforated I					
Orde	er No Ui	nit Size		From		То				
545	216	640		90	55	13880				
	Acid Volumes				Fracture Tre	atments				
	15% HCL			166,680 BARRELS, 3,598,257 POUNDS 40/70						
Formation	Formation Top			Were open hole logs run? No						
WOODFORD					Date last log run:	-				

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks	
There are no Other Remarks.	

Lateral Holes
Sec: 11 TWP: 1N RGE: 10E County: COAL
SW SE SW SE
166 FSL 1669 FEL of 1/4 SEC
Depth of Deviation: 8273 Radius of Turn: 416 Direction: 179 Total Length: 4825
Measured Total Depth: 13990 True Vertical Depth: 8689 End Pt. Location From Release, Unit or Property Line: 166

FOR COMMISSION USE ONLY

1133373

Status: Accepted

029-2130	B				হিয়ে	CIENTVEN			
API	PLEASE TYPE OR USE NOT			ORPORATION COMMIS	SION				
OTC PROD. UNIT NO.	Attach copy of or if recompletion	•	Oil & Gas Post	Conservation Division Office Box 52000 ty, Oklahoma 73152-200	N	MAR 1 6 2016			
ORIGINAL AMENDED (Reason)	L		f	OKLAH	OKLAHOMA CORPORATION				
TYPE OF DRILLING OPERATIO	N		COMF		(COMMISSION			
		HORIZONTAL HOLE	SPUD DATE	10/14/15		640 Acres			
SERVICE WELL If directional or horizontal, see re	verse for bottom hole location	·	DRLG FINISHED DATE	10/28/15					
COUNTY Coal	SEC 11 TV	VP 1N RGE 10E	DATE OF WELL COMPLETION	11/17/15					
LEASE NAME	Spears	WELL 5-11	H 1st PROD DATE	11/25/15					
NE 1/4 NW 1/4 NW	1/4 NE 1/4 FNL OF	281' (FEL) DF 2,088	B' RECOMP DATE		w				
ELEVATIO Ground		, 114 020		-96.2209775	· · · · · · · · · · · · · · · · · · ·				
OPERATOR	Bravo Arkoma		TC/OCC	23562					
NAMEADDRESS	1323 F	71st Street, Suite	200						
CITY	Tulsa	STATE	OK ZIP	74136	-				
						LOCATE WELL			
X SINGLE ZONE		CASING & CEMENT (SIZE WEIGHT		EET PSI	SAX TOP OF CMT			
MULTIPLE ZONE Application Date		CONDUCTOR	16" 75	J55 🔊	8 5.	395 Surface			
COMMINGLED Application Date	17 F.O.	SURFACE S	9 5/ g ' 36	J55 "1	286 000	405 Surface			
LOCATION EXCEPTION ORDER 6497	645104	INTERMEDIATE							
INCREASED DENSITY ORDER NO.	643946	PRODUCTION	5 1/2" 20	P110 .13	250 13939	1655 7940			
		LINER							
PACKER @BRAND	& TYPE	PLUG @	TYPE cmt,rbr	•PLUG@T	/PE	TOTAL 13,990			
				PLUG @T	/PE				
COMPLETION & TEST DATA	Woodford 4	319 0001	-0			A 1 0			
	5452 16	640 Acres				Monitor Rep to Fractor			
DRDER NUMBER DLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					To Frace or			
	13,880'-13,699'	13,635'-13,443'	13,379'-13,18	36' 13,122'-12,9	929' 12,865'-12	2,672' 12,608'-12,415'			
PERFORATED	12,351'-12,158'	12,094'-11,901'	11,837'-11,64						
	10,809'-10,616'	10,552'-10,359'	10,295'-10,11	· · · · ·					
		15% HCI							
RACTURE TREATMENT	166,680bbls of	3,598,257lb of	40/70						
	Min Gas All	(17-7)	Gas Purchaser/Me	asurer	Four Winds			
NITIAL TEST DATA	X OR Oil Allowab			First Sales Date		11/25/2015			
NITIAL TEST DATE	12/11/2015								
DIL-BBL/DAY	0		-						
DIL-GRAVITY (API)		1711			, W.,				
GAS-MCF/DAY	4,585		[[[[[[[[]]]		/////				
GAS-OIL RATIO CU FT/BBL	· · · · · · · · · · · · · · · · · · ·				<u> </u>				
VATER-BBL/DAY	1383	1 43) JUH	MITTE	ne—	5			
	Flowing	1111							
NITIAL SHUT-IN PRESSURE			///////////////////////////////////////		1771. —				
CHOKE SIZE					////,				
LOW TUBING PRESSURE	310psi								
A record of the formations drilled	through, and pertinent remark	s are presented on the reve	erse I declare that I ha	ve knowledge of the con	tents of this report and a	m authorized by my organization			
o make this report, which was pr	epared by me or under my sur	pervision and direction, with	the data and facts state	ed herein to be true, corr	ect, and complete to the	best of my knowledge and belief.			
Signature Signature	ALL		ndon K. Hemphi HE (PRINT OR TYPE)		DATE	918-894-4495 PHONE NUMBER			
1323 East 71st Stre			OK 74136		bhemphill@br				
ADDRES	S		TATE ZIP		EMAIL ADI				

PLEASE TYPE OR USE BLACK INK ONL	Y	
FORMATION RECORD		
Give formation names and tops, if available, or descriptions and thi drilled through. Show intervals cored or drillstem tested.	S LEASE NAME	
	TOP	

NAMES OF FORMATIONS	ТОР		FOR COMMISSION USE ONLY
Woodford	8,646'	ITD on file YES APPROVED DISAPPROV	NO
		Were open hole logs run? Date Last log was run Was CO ₂ encountered? Was H ₂ S encountered?	yes _X_no Mud Log 10/28/15 yes _X_no at what depths? yes _X_no at what depths?
		Were unusual drilling circumstances If yes, briefly explain below	
Other remarks:			

640 Acres								
· · · · · · · · · · · · · · · · · · ·								
	···· · · · · · · · · · · · · · · · · ·							
	x							

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

040 Acres								
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BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY			
Spot Loca	tion 1/4	1/4 1/4	1/	4 Feet From 1/4 Sec Lines	FSL	FWL
Measured	Total Depth	True Vertical De	pth	BHL From Lease, Unit, or Prop	erty Line:	,

Spears

5-11H

WELL NO.

LATERAL #1	DTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)								Pe	Per Final LE		
SEC 11 TWP	1N	RGE	10E		COUNTY				Coal		FEL 1669	
Spot Location	SE	1/4	SW	1/4	SE	1/4	Feet From 1/4	Sec Lines	FSL	166'	,5₩C - 3,630	
Depth of Deviation	8,273'		Radius of	Turn	-34-5	5	Direction	179.2	Total Length		4,825	
Measured Total Depth True Vertical De				pth		BHL From Lea	ise, Unit, or Prop	perty Line	:			
13,990'			8,689'			166 -165' FNL			NL-			

LATERAL #2

SEC TWP	RGE	COU	ITY		
Spot Location 1/4	. i 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:	

SEC TWP	RGE	c	OUNTY			
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 Dept	h	BHL From Lease, Unit, or Pr	operty Line:	

029-2130	08		4/1	116			চি		RICKARDO
PI	PLEASE TYPE OR US		(Jen Jen		and a rand
NTC PRODO 29 - 217	Attach copy of c	-	OK	Oil & Gas Post	Conservatio Office Box 5	2000		MAR 1	6 2 016
ORIGINAL AMENDED (Reason)	A: 217	009 I			y, Oklahoma tule 165:10-3 LETION RE	3-25	OKLA	HOMA (COMI	CORPORATION
YPE OF DRILLING OPERATI	_	HORIZONTAL HOLE	SPUE	DATE	10/14	/15			Acres x
SERVICE WELL directional or horizontal, see r	everse for bottom hole location	n	DRLG	FINISHED	10/28	8/15			
OUNTY Coa			DATE	OF WELL	11/17	7/15			
EASE	Spears	WELL 5-1	1H 1st PF		11/25	5/15			
AME IE 1/4 NW 1/4 NW		281' (FEL)DF 2,08		MP DATE			w		
EVATIO Grour Derrick Grour	nd 650' Latitude (i				-96.220	9775			
PERATOR AME	Bravo Arkoma		OTC/OCC OPERATO	R NO.	235	62			
DDRESS	1323 E	E. 71st Street, Sui	te 400					+	
ITY	Tulsa	STATE	ОК	ZIP	741	36		LOCAT	
		CASING & CEMENT	(Form 10		attached)				
		TYPE	SIZE	WEIGHT	GRADE	FEET		PSI S	SAX TOP OF CMT
MULTIPLE ZONE Application Date COMMINGLED		CONDUCTOR	16"	75	J55	×	J.	¥	Surface
Application Date	112 F.O.	SURFACE	9 5/ g '	36	J55	000, 1,	988	4	05 Surface
CEPTION ORDER 699	645104	INTERMEDIATE							
RDER.NO.	643946	PRODUCTION	5 1/2"	20	P110	,13,250	13939	<u> </u>	5 7940
943948:	sep, allow.	LINER		3			ĺ		
CKER @BRAN		PLUG		emt,rbr-	PLUG@_	TYPE		TOTA DEPT	
	ID & TYPE	ATION_3191ND		}	PLUG @	TYPE		-	
	Woodford	A SI OVO					Ì		Man ton Ran
	5452 16	640 Acres			<u> </u>				Monitor Rep to Fractor
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas					·			1) Flactor
	13,880'-13,699'	13,635'-13,44	3' 13,3	379'-13,18	6' 13.	122'-12,929'	12,865	-12,672'	12,608'-12,415'
RFORATED TERVALS	12,351'-12,158'	12,094'-11,90		11,837'-11,644'		11,580'-11,387'		-11,130'	11,066'-10,873'
	10,809'-10,616'	10,552'-10,35	9' 10,2	10,295'-10,112'		9,788'-9,585'		-9,328'	9,264'-9,0 5 5'
		15% HCI						-	
· · · · · · · · · · · · · · · · · · ·									-
ACTURE TREATMENT uids/Prop Amounts)	166,680bbls of	3,598,257lb o	f	40/70					
· · · · · · · · · · · · · · · · · · ·	Min Gas A	Allowable (165:1	0-17-7)		Gas Pi	rchaser/Measur			our Winds
)R				ales Date			1/25/2015
NTIAL TEST DATA	017ANowa 12/11/2015	able (165:10-13-3)	-						
	(2/11/2015	/			S	CANNE	b		
				• ·					1
	4 505	////		//////	1110	111111		1385 	
AS-MCF/DAY	4,585						<u> </u>	r	
AS-OIL RATIO CU FT/BBL		Я [5	5110	M I	TTER	1 2-	•	
ATER-BBL/DAY	1383					1 I C L	ľ –		
IMPING OR FLOWING	Flowing	└── ////			1111	111111	<u>//</u>		
TIAL SHUT-IN PRESSURE	$-\langle \rangle$	LANT	1111	//////	/////		//,		
	$(\Lambda)^{-}$								
HOKE SIZE	310psi				ive knowled	ge of the contents	of this report a	and am autho	prized by my organization
OW TUBING PRESSURE	ed through, and pertinent rem	arks are presented on the n	everse. I de	eclare that I ha	ed herein to	be true correct .			
OW TUBING PRESSURE	ed through, and pertinent rem prepared by me or under my	supervision and direction, w	ith the data	eclare that I ha and facts state K. Hemphi	ed herein to	be true, correct, a	03/11/20		918-894-4495
LOW TUBING PRESSURE A record of the formations drill make this report, which was Browbord Han SIGNAT	ed through, and pertinent rem prepared by me or under my s with the second seco	supervision and direction, w Br	ith the data	and facts state	ed herein to 		03/11/20	ATE	918-894-4495 PHONE NUMBER
OW TUBING PRESSURE	ed through, and pertinent rem prepared by me or under my s whill URE treet, Suite 400	supervision and direction, w Br	ith the data	and facts state K. Hemphi	ed herein to)		o 3/n/20 D/ D/	ATE	918-894-4495 PHONE NUMBER Com