# Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35029213710000 **Completion Report** Spud Date: February 20, 2018

OTC Prod. Unit No.: 029-224729 Drilling Finished Date: July 30, 2018

1st Prod Date: October 26, 2018

Completion Date: September 26, 2018

**Drill Type: HORIZONTAL HOLE** 

Min Gas Allowable: Yes

Well Name: MCGRAW 3-34/3/10H Purchaser/Measurer: FOURWINDS

Location: COAL 27 2N 10E First Sales Date: 10/26/2018

SW NE SE SW 850 FSL 2250 FWL of 1/4 SEC

Latitude: 34.609669 Longitude: -96.241711 Derrick Elevation: 0 Ground Elevation: 639

Operator: BRAVO ARKOMA LLC 23562

> 1323 E 71ST ST STE 400 TULSA, OK 74136-5067

Completion Type					
Х	Single Zone				
	Multiple Zone				
	Commingled				

Location Exception
Order No
676663

Increased Density
Order No
675333
675374
675799

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			40			SURFACE
SURFACE	9 5/8	40	J-55	858		285	SURFACE
PRODUCTION	5 1/2	23	P-110	21600		2485	8440

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

Total Depth: 21600

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** 

February 27, 2019 1 of 2

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
Nov 26, 2018	WOODFORD			3538		1006	FLOWING	955	128/64	92

#### **Completion and Test Data by Producing Formation**

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders				
Order No	Unit Size			
517465	640			
530706	640			
535450	640			
677364	MULTIUNIT			

Perforated Intervals				
From	То			
9172	21489			

#### **Acid Volumes**

44,000 GALLONS 15% HCL

Fracture Treatments
333,410 BARRELS FRAC FLUID, 9,502,015 POUNDS 40/70 SAND

Formation	Тор
WAPANUCKA	6880
CROMWELL	7568
CANEY	8111
MAYES	8248
WOODFORD	8299

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 NEITHER THE FINAL LOCATION EXCEPTION NOR THE FINAL MULTIUNIT ORDERS HAVE BEEN ISSUED.

## **Lateral Holes**

Sec: 10 TWP: 1N RGE: 10E County: COAL

NE SE SW NW

2127 FNL 1270 FWL of 1/4 SEC

Depth of Deviation: 8295 Radius of Turn: 375 Direction: 178 Total Length: 14593

Measured Total Depth: 21600 True Vertical Depth: 8171 End Pt. Location From Release, Unit or Property Line: 1270

# FOR COMMISSION USE ONLY

1141748

Status: Accepted

February 27, 2019 2 of 2

API NO. 35-029-21371 OTC PROD. 029224729	PLEASE TYPE OR US	TE:	c			ON COMMISSION	REC	Jai	VED
UNIT NO. 029224729	if recompletion	•		Pos	st Office Box City, Oklahor	52000 na 73152-2000	DE	C 26	2018
AMENDED (Reason)			_	СОМ	Rule 165:10 PLETION F		OKLAHON	IA COR	PORATION
TYPE OF DRILLING OPERAT			SPU	ID DATE		0/18	CO	MANISS	ION
STRAIGHT HOLE SERVICE WELL	_	X HORIZONTAL HOLE	<b>=</b>	G FINISHED					
If directional or horizontal, see			DAT			0/18			
COUNTY COA		WP 2N RGE 10I	CON	<b>IPLETION</b>	9/2	6/18			
NAME	McGraw	WELL 3-34/	/3/10 <b>/</b> \$	PROD DATE	10/2	6/18			
SW 1/4 NE 1/4 SE	1/4 SW 1/4 FSL OF 1/4 SEC	850 FWL OF 1/4 SEC 22	250 REC	OMP DATE		١ '	V		
N Derrick Grou	nd 639 Latitude (if	known) 34.6096		gitude nown)	-96.2	41711			
DPERATOF NAME	Bravo Arkoma, L	LC	OTC/OCC OPERATO		23	562			
ADDRESS	1323 Ea	st 71st Street, S				4		х	
CITY	Tulsa	STATE	Ok	<b>\</b> ZIP	74	136			
COMPLETION TYPE		CASING & CEMEN	IT (Form 1	002C must b	e attached	)	_	OCATE WE	LL
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date		CONDUCTOR	20"			40'			Surface
COMMINGLED Application Date OCATION	. L.O.	SURFACE	9 5/8"	40#	J-55	858'		285	Surface
VCERTION ORDER 60	* 676663 75333, 675799, 5	INTERMEDIATE							
ORDER NO.	675374	PRODUCTION	5 1/2"	23#	P-110	21,600'		2485	8440
	997 - 77 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7	LINER							
	ID & TYPE	PLUG @	TYPE	=	PLUG @	TYPE		TOTAL DEPTH	21,600
	ID & TYPE  A BY PRODUCING FORMA	PLUG @	TYPE	<u> </u>	PLUG @	TYPE			
ORMATION	Woodford	319,000	PD			.I.O.		D	atach
PACING & SPACING RDER NUMBER	535450 (640)	517465 (640	)) 53	30706 (64)	0) 6	77364 (MU)		4KE	STOTEU
LASS: Oil, Gas, Dry, Inj, lisp, Comm Disp, Svc	Gas	011 100 (010	,, 00		3) 0	77304 (1810)	-	70	Macro
iop, comm biop, cvo								-	
ERFORATED ITERVALS	9,172' - 21,489'								
	<u> </u>								
CID/VOLUME	44,000 gals	15% HCI							
		Flind							
RACTURE TREATMENT (luids/Prop Amounts)	333,410 bbls	9,502,015 lbs	of	40/70 4	Sand				v.
	Min Gas Al	(	10-17-7)		Gas P	urchaser/Measurer		Four	
IITIAL TEST DATA	X Oil Allowal				First S	Sales Date		10/26	/2018
NITIAL TEST DATE	11/26/2018	(100.10 10 0)							
IL-BBL/DAY	0								
IL-GRAVITY ( API)	NA								
AS-MCF/DAY	3538	1	11111	111111	11111		ППБ		
AS-OIL RATIO CU FT/BBL	NA			ШШ	ШШ		<u> </u>		
ATER-BBL/DAY	1006			CC	In	MITT			
JMPING OR FLOWING	Flowing		A	0 0	UD	MITTIM			
ITIAL SHUT-IN PRESSURE	955				STATE OF THE PARTY				
HOKE SIZE	128/64		ШП	ШШ	шШ				
LOW TUBING PRESSURE	92								
A record of the formations drille o make this report, which was p	orepared by me or under my su	ks are presented on the reprinciple of the pervision and direction, we	reverse. I de vith the data	eclare that I ha and facts stat	ave knowled ed herein to	ge of the contents o be true, correct, an	f this report and am did complete to the be	authorized b st of my kno	y my organization wledge and belief.
SIGNATO	(/ /		Tyler	Harold			12/9/	18 91	8-894-4481
1323 East 71st 5		Tulsa	IAME (PRIN OK	NT OR TYPE 74136			DATE harold@b		ONE NUMBER
ADDRE		CITY	STATE	ZIP		l	harold@brave		

STATE

ZIP

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
Wapanuka	6,880
Cromwell	7,568
Caney	8,111
Mayes	8,248
Woodford	8,299
Other remarks:	

LEASE NAME	McGraw	WELL NO. 3-34/3/10H
	FOR COMMISSION L	JSE ONLY
ITD on file YES	NO	
APPROVED DISAPI	PROVED 2) Reject Codes	
		· 1
	-	

Were unusual If yes, briefly	l drilling circumstand explain below	es encounte	red?		y	es X	_ no
		-		-			
	1						2

\_\_\_\_ yes \_\_\_x\_ no

\_yes \_\_X no at what depths? \_

640	Acres
. 0	
х	

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 T	WP	RGE		COUNTY				
Spot Location					F	Feet From 1/4 Sec Lines	FSL	FWL
1/		1/4	1/4					
Measured Tot	tal Depth		True Vertical De	pth	E	3HL From Lease, Unit, or Pro	operty Line:	

Were open hole logs run?

Date Last log was run

Was CO<sub>2</sub> encountered?

## BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

#### LATERAL #1

SEC 10 TWP	1N	RGE	10E	COUNTY			COAL	
Spot Location	NE	1/4	SW 1/4	SW 1/4	Feet From 1/4 S	ec Lines	ESt 2127	FWL 1270
Depth of Deviation	8,295		Radius of Turn	375	Direction	178	Total Length	14,593
Measured Total De	pth		True Vertical De	pth	BHL From Lease	e, Unit, or Pro	perty Line:	
21,6	300		8,1	71			1270	

## LATERAL #2

SEC TWP	RGE	COUN	TY			
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 Vert	ical Depth		BHL From Lease, Unit, or Pro		

#### LATERAL #3

SEC	TWP	RGE		COUNTY			
Spot Loca	ation 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 Dep	th	BHL From Lease, Unit, or Pr		

#### S.H.L. Sec. 27-2N-10E I.M. R Well Location Plat As-Drilled B.H.L. Sec. 10-1N-10E I.M. Operator: BRAVO NATURAL RESOURCES LLC Lease Name and No.: McGRAW 3-34/3/10H Footage: 850' FSL - 2250' FWL Gr. Elevation: 639' Section: 27 Township: 2N Range: 10E I.M. County: Coal State of Oklahoma Terrain at Loc.: Location fell in timber. X:2529447 1" = 1750 **GPS DATUM NAD 27** SECTION CROSSING OK SOUTH ZONE Surface Hole Loc.: Lat: 34°36'34.81"N NW Lon: 96°14'30.16"W LAST PERF X: 2529050 LAST PERF.: 1302' FNL - 1307' FW MD: 9172' TVD: 8302' Y: 469080 Section Crossing: Lat: 34°36'26.40"N Lon: 96°14'36.46"W X: 2528538 Y: 468221 Last Perf.: Lat: 34°36'13.52"N SECTION 1339' FWL MD: 13140 Lon: 96°14'41.45"W X: 2528144 Y: 466912 X:2526900 Y:462936 X:2532145 Y:463002 Section Crossing: Lat: 34°35'34.34"N Lon: 96°14'41.14"W X: 2528238 LOT 4 LOT 3 Y: 462952 ΝV Section Crossing: Lat: 34°34'42.06"N Lon: 96°14'40.91"W X: 2528350 Y: 457668 First Perf.: Lat: 34°34'11.86"N Lon: 96°14'41.52"W X: 2528351 Y: 454614 Bottom Hole Loc.: Lat: 34°34'10.76"N Lon: 96°14'41.51"W X: 2528355 X:2527013 Y:457638 Y: 454504 X:2532336 Y:455094 2238' FSL - 1269' FW MD: 21489' TVD: 8173' BOTTOM HOLE LOC

Arkoma Surveying and Mapping, PLLC P.O. Box 238 Wilburton, OK 74578 Ph. 918-465-5711 Fax 918-465-5030

X:252713 Y:452348

2127' FSL - 1270' FWI MD: 21600'

Certificate of Authorization No. 5348
Expires June 30, 2020
Invoice #7531-A-A
Date Staked: 01/10/18 By: C.A.
Date Drawn; 01/15/18 By: K.B.
Exp. Les Name: 01/10/18 By: K.B. Rev. Lse Name: 01/23/18 By: C.K. Issued As-Drilled: 08/08/18 By: J.H

# Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

X:2532398 Y:452468



SSIONAL CENSED LANCE G. SURVE) MATHIS 1664 OKLAHOMA

35-029-21371 DTC PROD. 029224729 UNIT NO. 029224729	PLEASE TYPE OR USE NOTE Attach copy of orig if recompletion of	ginal 1002A		Oil & Ga Pos	CORPORATION IS Conservation It Office Box 52 City, Oklahoma	2000	REC	C 2 6	2018	Form Re
X ORIGINAL AMENDED (Reason)			_		Rule 165:10-3	-25	OKLAHON	MA COR	PORATION	1010
YPE OF DRILLING OPERATI		THORIZONTAL HOL	SPU	D DATE	2/20/	18	CC	DMANISS	ION	
SERVICE WELL	reverse for bottom hole location.	THORIZONTALTIOL		FINISHED	7/30/	18				
COUNTY COA		2N RGE 10	DATE	OF WELL	9/26/	18				
EASE IAME	McGraw	WELL 3-34		PLETION ROD DATE	10/26/					
SW 1/4 NE 1/4 SE	1/4 SW 1/4 FSL OF 8	SED FWL OF 2		OMP DATE	10/20/	v V	v			E
LEVATIO Groun	1/4 SEC	1/4 SEC	1		-96.241	711				
Derrick PERATOF	Bravo Arkoma, LLO		OTC/OCC	own)	2356					4
AME DDRESS			OPERATOR		2300	02		х		
ITY		t 71st Street, S				.W.				
OMPLETION TYPE	Tulsa	STATE	OK		7413	66		OCATE WE	LL	
X SINGLE ZONE		TYPE	SIZE	02C must b WEIGHT	GRADE	FEET	Del	CAY	TOP OF OUT	
MULTIPLE ZONE		CONDUCTOR	20"	WEIGHT	GRADE	40'	PSI	SAX	TOP OF CMT	
Application Date COMMINGLED Application Date	10	SURFACE	9 5/8"	40#	J-55	858'		205	Surface	
Application Date  OCATION  CCEPTION ORDER	₹ 676663	INTERMEDIATE	9 3/6	40#	3-33	000		285	Surface	
CREASED DENSITY RDER NO.	15333, 6 <b>15799</b> , 5	PRODUCTION	5 1/2"	23#	P-110	21,600'		2495	9440	
I II's (I E	675374 6	LINER	0 1/2	25#	1-110	21,000		2485	8440	
Wultuut t	0: 692636							TOTAL	21,600	
	D & TYPE	PLUG @ PLUG @	TYPE		PLUG @ PLUG @	TYPE TYPE	<del></del>	DEPTH	21,000	
MDI ETION A TEGT DATE	A BY BRODUCING FORMATI	ON/21011/1	(FD)							
	A BT PRODUCING FORMATI	27 311 000	TU							
DRMATION	Woodford 24	31100		-10		_I.O.		R	exerted	
PACING & SPACING RDER NUMBER		517465 (64	0) 53	0706 (640	0) 677	ブレル・ 364 (MU)		R	exosted Fractor	us
PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj,	Woodford	- 37	0) 53		0) 677	/-		Reti	exosted Fractor	us
DRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc	Woodford 535450 (640) Gas	- 37	0) 53		677	/-		Reti	esorted Diffaction	us
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc	Woodford 535450 (640)	- 37	0) 53		0) 677 u.t.	/-	11 -0	Rott	exerted Draitou	us
OMPLETION & TEST DATA DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc  ERFORATED TERVALS	Woodford 535450 (640) Gas 9,172' - 21,489'	517465 (64)	530		677 -02N	/-	· -0	Reti	exerted b Frai Foo 4729	
DRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals	517465 (640 15% HCI	530		0) 677 -02N -02N	/-	32.225	22	exorted Diffaction 4729 4729	I
DRMATION PACING & SPACING RDER NUMBER .ASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc ERFORATED TERVALS	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals	517465 (64)	Mı	0706 (640 27 34 03	-02N -02N -01N	/-	1: -0 32.12.5 41.91.6 4.81.6	22 22 22	exerted Fraiton 4729 4729A	HH
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals	517465 (64)	Mı	0706 (640 27 34 03	-02N -02N -01N	10E (SL)	32.12 % 4) 91 % 4.81%	22 22 22/	exorted Fraitfor 4729 4729A 729B	I
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME	Woodford 535450 (640) Gas  9,172' - 21,489'  44,000 gals  333,410 bbls	517465 (640 15% HCI 9,502,015 lbs	Mı	0706 (640 27 34 03	02N- 02N- 01N- 01N-	10E (SL)	32.12 % 4) 91 % 4.81%	22 22/ 22/	4729 4729A +729B	LILI
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  REFORATED TERVALS  EID/VOLUME  ACTURE TREATMENT Liids/Prop Amounts)	Woodford 535450 (640) Gas  9,172' - 21,489'  44,000 gals	517465 (640 15% HCI 9,502,015 lbs	of	0706 (640 27 34 03	02N- 02N- 01N- 01N-	10E (St.) 10E (St.) 10E (St.) 10E (St.)	32.22 % 41.91 % 41.81%	22 22 22 10/26	4729 4729A 47298	LILI
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  RFORATED TERVALS  EID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR	517465 (640 15% HCI 9,502,015 lbs	of	0706 (640 27 34 03	OLN- OLN- OLN- OLN- Gas Puro	10E (St.) 10E (St.) 10E (St.) 10E (St.)	32.22 % 4) 91 % 4,81%	22 22 22 10/26	4729 4729A +729B	LILI
PRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  RFORATED FERVALS  ID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE	Woodford 535450 (640) Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR Oil Allowable	517465 (640 15% HCI 9,502,015 lbs	of	0706 (640 27 34 03	OLN- OLN- OLN- OLN- Gas Puro	10E (St.) 10E (St.) 10E (St.) 10E (St.)	32.22%	22 22 22 10/26	4729 4729A +729B	LILI
PRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  REFORATED FERVALS  ID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  -BBL/DAY	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR Oil Allowable 11/26/2018	517465 (640 15% HCI 9,502,015 lbs	of	0706 (640 27 34 03	OLN- OLN- OLN- OLN- Gas Puro	10E (St.) 10E (St.) 10E (St.) 10E (St.)	32.22 % 42.97 % 4.81%	22 22 22 10/26	4729 4729A +729B	LILI
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp., Comm Disp, Svc  ERFORATED TERVALS  EID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  -BBL/DAY  -GRAVITY ( API)	Woodford 34 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR Oil Allowable 11/26/2018	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 34 03 40/70	Gas Purc First Sale	10E (St)	32.12 % 4) 91 % 4.81%	22 22 22 10/26	4729 4729A +729B	LILI
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  ERFORATED TERVALS  EID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  -BBL/DAY  -GRAVITY ( API)  S-MCF/DAY	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow  OR Oil Allowable  11/26/2018  NA	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 34 03 40/70	Gas Purc First Sale	10E (St.) 10E (St.) 10E (St.) 10E (St.)	32.22 % 42.97 % 43.81 %	22 22 22 10/26	4729 4729A +729B	IIII
PRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  REFORATED FERVALS  ID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  L-BBL/DAY  L-GRAVITY (API)  S-OIL RATIO CU FT/BBL	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allov  X  OR  Oil Allowable  11/26/2018  NA  3538	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 27 34 23 40/70	Gas Purc First Sale	Chaser/Measurer es Date		22 22 22 10/26	4729 4729A +729B	IIII
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  REFORATED TERVALS  CID/VOLUME  ACTURE TREATMENT uids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE BBL/DAYGRAVITY ( API) S-MCF/DAY  S-OIL RATIO CU FT/BBL	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR Oil Allowable  11/26/2018  NA 3538  NA 1006	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 27 34 23 40/70	Gas Purc First Sale	10E (St)		22 22 22 10/26	4729 4729A +729B	IIII
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  REFORATED TERVALS  RID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  L-BBL/DAY  L-GRAVITY (API)  S-MCF/DAY  S-OIL RATIO CU FT/BBL  MERCHANG ASSACRATION OF THE STAN O	Woodford 34 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allov OR OII Allowable 11/26/2018  NA 3538  NA	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 27 34 23 40/70	Gas Purc First Sale	Chaser/Measurer es Date		22 22 22 10/26	4729 4729A +729B	IIII
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  REFORATED TERVALS  CID/VOLUME  LACTURE TREATMENT LIGHT TEST DATA  TIAL TEST DATE L-BBL/DAY L-GRAVITY (API) S-MCF/DAY S-OIL RATIO CU FT/BBL  ATER-BBL/DAY  MPING OR FLOWING  TIAL SHUT-IN PRESSURE	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR Oil Allowable  11/26/2018  NA 3538  NA 1006  Elowing 955	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 27 34 23 40/70	Gas Purc First Sale	Chaser/Measurer es Date		22 22 22 10/26	4729 4729A +729B	HH
ORMATION PACING & SPACING ROER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc  ERFORATED TERVALS  EID/VOLUME  ACTURE TREATMENT Lids/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  L-BBL/DAY  S-MCF/DAY  S-OIL RATIO CU FT/BBL  ATER-BBL/DAY  MPING OR FLOWING  TIAL SHUT-IN PRESSURE  OKE SIZE	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allov  OR Oil Allowable  11/26/2018  NA 3538  NA 1006  Elowing 955 128/64	517465 (640 15% HCI 9,502,015 lbs	of 10-17-7)	27 27 34 23 40/70	Gas Purc First Sale	Chaser/Measurer es Date		22 22 22 10/26	4729 4729A +729B	IIII
DRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, Isp, Comm Disp, Svc  ERFORATED TERVALS  CID/VOLUME  PACTURE TREATMENT LIGHT TEST DATA  TIAL TEST DATE  L-BBL/DAY  L-GRAVITY ( API)  S-MCF/DAY  S-OIL RATIO CU FT/BBL  ATER-BBL/DAY  MPING OR FLOWING  TIAL SHUT-IN PRESSURE  OKE SIZE  DW TUBING PRESSURE	Woodford 34 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allov OR Oil Allowable 11/26/2018  NA 3538 NA 1006 Elewing 955 128/64 92	517465 (640 15% HCI 9,502,015 lbs vable (165:10-13-3)	of 10-17-7)  AS	27 34 23 40/70 2	Gas Puro First Sale	thaser/Measurer as Date	(Sec. 34)	)	4729 4729A 7729B Winds 5/2018	IIII
ORMATION PACING & SPACING ROER NUMBER ASS: Oil, Gas, Dry, Inj, sp, Comm Disp, Svc REFORATED TERVALS FID/VOLUME  ACTURE TREATMENT LINE ACTURE AC	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allov  OR Oil Allowable  11/26/2018  NA 3538  NA 1006  Elowing 955 128/64	517465 (640 15% HCI 9,502,015 lbs vable (165:10-13-3)	of  10-17-7)  AS  reverse. I devith the data a	27 34 40/70 2	Gas Puro First Sale	thaser/Measurer as Date	(Sec. 34)	authorized b	Winds 5/2018 Winds 6/2018	IIII
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj, isp, Comm Disp, Svc  ERFORATED TERVALS  CID/VOLUME  RACTURE TREATMENT uids/Prop Amounts)  ITIAL TEST DATA  ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) SS-OIL RATIO CU FT/BBL  ATER-BBL/DAY  MPING OR FLOWING ITIAL SHUT-IN PRESSURE OKE SIZE DW TUBING PRESSURE record of the formations drilled make this report, which years SIGNATO	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allow OR Oil Allowable  11/26/2018  NA 3538  NA 1006  Flowing 955 128/64 92  d through and pertirent remarks repared by me of under my super	15% HCI 9,502,015 lbs vable (165:10-13-3)  are presented on the vision and direction, v	of 10-17-7)  AS	27 34 40/70 2	Gas Purc First Sale	thaser/Measurer as Date	(Sec. 34)	aythorized b	4729 4729A 7729B Winds 5/2018	IIII
PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj, sp., Comm Disp, Svc  ERFORATED TERVALS  EID/VOLUME  PACTURE TREATMENT UIDING/Prop Amounts)  TIAL TEST DATA  TIAL TEST DATE  L-BBL/DAY  S-OIL RATIO CU FT/BBL  NTER-BBL/DAY  MPING OR FLOWING  TIAL SHUT-IN PRESSURE  OKE SIZE  DW TUBING PRESSURE  TRECORD OF THE PROPERSON OF THE	Woodford 535450 (640)  Gas  9,172' - 21,489'  44,000 gals  Min Gas Allov  X OR Oil Allowable 11/26/2018  0 NA 3538 NA 1006 Elowing 955 128/64 92 d through and pertirent remarks repared by me or under my super	15% HCI 9,502,015 lbs vable (165:10-13-3)  are presented on the vision and direction, v	of  10-17-7)  AS  reverse. I de vith the data a  Tyler H	27 34 40/70 2	Gas Purc First Sale	the E (St. 10E)  the E	(Sec. 34)	authorized by stof my kno	Winds 5/2018 Winds 5/2018	LILI