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

Rule 165: 10-3-25

API No.: 35151245440000 **Completion Report** Spud Date: October 31, 2018

OTC Prod. Unit No.: 151-224876 Drilling Finished Date: November 15, 2018

1st Prod Date: January 03, 2019

Completion Date: December 11, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: LEE 11-23-14 1H Purchaser/Measurer: CHESAPEAKE OPERATING

First Sales Date: 01/04/2019

WOODS 11 23N 14W Location:

NW NW NE NE

255 FNL 1070 FEL of 1/4 SEC

Derrick Elevation: 1522 Ground Elevation: 1497

Operator: CHESAPEAKE OPERATING LLC 17441

PO BOX 18496

6100 N WESTERN AVE

OKLAHOMA CITY, OK 73154-0496

	Completion Type							
Х	Single Zone							
	Multiple Zone							
	Commingled							

Location Exception
Order No
690279

Increased Density
Order No
683703

Casing and Cement									
Type Size Weight Grade Feet PSI SAX Top of									
SURFACE	13 3/8	48	H-40	272		315	SURFACE		
INTERMEDIATE	9 5/8	36	J-55	1517		610	415		
PRODUCTION	7	29	P-110EC	7091		290	3901		

Liner									
Туре	Grade	Length	PSI	SAX	Top Depth	Bottom Depth			
LINER	4 1/2	13.50	P-110	5261	0	460	6829	12090	

Total Depth: 12105

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

April 08, 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	
Feb 17, 2019	MANNING	35	38.4	932	26629	149	ARTIFICIA			94	

Completion and Test Data by Producing Formation

Formation Name: MANNING

Code: 354MNNG

Class: GAS

Spacing Orders							
Order No	Unit Size						
154982	640						

Perforated Intervals							
From To							
7088	12019						

Acid Volumes 54,500 GALLONS ACID

Fracture Treatments

127,992 BARRELS FLUIDS, 5,744,273 POUNDS PROPPANT

Formation	Тор
MANNING	6834

Were open hole logs run? Yes
Date last log run: November 12, 2018

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

OCC - FIX SHOW DATE WELL LOG RUN. EXCEPTION TO THE RULE ORDER NUMBER 690280

Lateral Holes

Sec: 11 TWP: 23N RGE: 14W County: WOODS

SW SW SE SE

88 FSL 1088 FEL of 1/4 SEC

Depth of Deviation: 6090 Radius of Turn: 652 Direction: 180 Total Length: 5271

Measured Total Depth: 12105 True Vertical Depth: 6742 End Pt. Location From Release, Unit or Property Line: 88

FOR COMMISSION USE ONLY

1142231

Status: Accepted

April 08, 2019 2 of 2

NO. 151-24544	PLEASE TYPE OR USE BLACK INK ON NOTE: Attach copy of original 1002A if recomplete.		F	Gas Conserva Post Office Bo	ation Division x 52000 ma 73152-20		RECE FEB 2	IVE 7 2019	Form 1002A Rev. 2009
AMENDED Reason Amended			CO	MPLETION			Oklahoma (Corporatio	าท
TYPE OF DRILLING OPERATION	N		SPUD DATE		/2018		Comm	ission	
STRAIGHT HOLE SERVICE WELL	DIRECTIONAL HOLE	ONTAL HOLE	DRLG FINISHED			1	640 A	cres	
f directional or horizontal, see re-	verse for bottom hole location.		DATE	11/15	/2018	<u> </u>			
COUNTY Wood			DATE OF WELL COMPLETION	12/11	/2018				
lease Name Le	ee 11-23-14 WELL	1H	1ST PROD DATE	1/3/2	2019				
SHL NW 1/4 NW 1/4 NE		4.070	RECOMP DATE			w			E
Derrick FI 1,522 Gro	und 1,497 Latitude (if Known)		Longitude (if Known)						
OPERATOR	PEAKE OPERATING, L.L.C	. 0	TC/OCC OPERATOR	NO. 1	7441				
1.0.00									
CITY OKLAHO	OMA CITY	STATE	OK ZIP	73	154				
COMPLETION TYPE		CASING & CEME	NT (Form 1002C mus	t be attached	1)		LOCAT	E WELL	
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	ТОР
MULTIPLE ZONE		CONDUCTOR							
Application Date COMMINGLED		SURFACE	13-3/8"	48#	H-40	272		315	Surface
Application Date LOCATION	690279 € Û.							610	415
EXCEPTION ORDER NO. INCREASED DENSITY		INTERMEDIAT	0 0,0	36#	J-55	1,517			
ORDER NO.	683703	PRODUCTION	7"	29#	P-110EC		00	290	3,901
		LINER	4-1/2"	13.50#	P-110	6,829-12,0	90	460	6,829 12,105
FORMATION SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Manning 640 154982 Gas							Frac I	focus
PERFORATED INTERVALS	7,088 - 12,019								
ACID/VOLUME	E4 E00 male eaid								
FRACTURE TREATMEMT (Fluids/Prop Amounts)	54,500 gals acid 127,992 bbls fluids 5,744,273# proppant								MARIAN MARIANTAN
INITIAL TEST DATA	Minimum Gas Allowable X OR Oil Allowable 2/17/2019	(165:10-17 (165:10-13-3)	7-7)		Purchaser/Me ales Date	asurer	Chesap	eake Ope 1/4/20	erating, L.L.C.
OIL-BBL/DAY	35								
OIL-GRAVITY (API)	38.4			Ши	1111111		Ш.		
GAS-MCF/DAY	932								
GAS-OIL RATIO CU FT/BBL	26,629			CI	ID M		nII—		
WATER-BBL/DAY	149			30					
PUMPING OR FLOWING	Artificial Lift		100000000000000000000000000000000000000					_	
INITIAL SHUT-IN PRESSURE									
CHOKE SIZE	04								
FLOW TUBING PRESSURE	94								
report, which was prepared by n	d through, and pertinent remarks are pre- ge or under my supervision and direction	, with the data and fac	Tdeclare that I have lets stated herein to be to ER - REGULAT NAME (PRINT OR TYPE	rue, correct, a ORY SPE	nd complete to	the best of my k 2/26/2	nowledge and be	11ef. 405-	848-8000
P.O. BOX 18496	OKLAHOMA CITY	ry o			juanita.	cooper@c	hk.com 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.

WELL NO. 1H

NAMES OF FORMATIONS	TOD	FO	OR COMMISSION USE ONLY
NAMES OF FORMATIONS	ТОР		
Manning	6,834	ITD on file YES NO	
		APPROVED DISAPPROVED	2) Reject Codes
			2) 10,000 0000
		V.	
			·
		Were open hole logs run? X yes	sno
		Date Last log was run 11/12/	2019
		Was CO ₂ encountered?	
		Was H ₂ S encountered? yes	s X no at what depths?
		Were unusual drilling circumstances encou	untered?yesX_no
		If yes, briefly explain.	
Other remarks: Exception to the Rule Order 690	280		
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
640 Acres BOTTO	M HOLE LOCATION FOR	DIRECTIONAL HOLE GE COUNTY	
SEC	TWP		
Spot Lo			/4 Sec Lines FSL FWL
Measure	1/4 1/4 ed Total Depth 1	rue Vertical Depth BHL From Le	ase, Unit, or Property Line:
	•		
BOTTO LATER		HORIZONTAL HOLE: (LATERALS)	
ISEC	TWP	GE COUNTY	Woods
Spot Lo	11 23N	14W	4 000
	W 1/4 SW 1/4	SE 1/4 SE 1/4 Feet From 1	
Depth of	of I	adius of Turn 652 Direction	180 Total Length 5,271
Deviation	on 6,090 ed Total Depth	rue Vertical Depth BHL From Le	ease, Unit, or Property Line:
If more than three drainholes are proposed, attach a		6,742	88
separate sheet indicating the necessary information.	12,105	0,742	
Direction must be stated in degrees azimuth.			
Please note, the horizontal drainhole and its end SEC		CE ICOUNTY	
	AL #2	GE COUNTY	
point must be located within the boundaries of the lease or spacing unit.	TWP	Feet From	1/4 Sec Lines FSL FWL
point must be located within the boundaries of the lease or spacing unit.	Docation 1/4 1/4		1/4 Sec Lines FSL FWL Total Length
point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells. Depth of Deviati	pocation 1/4 1/4	1/4 1/4 Feet From Direction	Total Length
point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells. Deviati	pocation 1/4 1/4	1/4 1/4 Feet From Radius of Turn Direction	1/4 000 2.1100
point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.	pocation 1/4 1/4	1/4 1/4 Feet From Direction	Total Length
point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells. Deviati	Docation 1/4 1/4 of on red Total Depth	1/4 1/4 Feet From Cadius of Turn Direction True Vertical Depth BHL From Lo	Total Length
point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.	Docation 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	1/4 1/4 Feet From Direction	Total Length
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 LATER SEC	ocation 1/4 1/4 of on red Total Depth	1/4 1/4 Feet From Direction True Vertical Depth BHL From Le	Total Length ease, Unit, or Property Line:
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 LATER SEC Spot Lo	TWP Docation 1/4 1/4 of on red Total Depth RAL #3 TWP occation 1/4 1/4	1/4 1/4 Feet From Direction True Vertical Depth BHL From Le RGE COUNTY 1/4 1/4 Feet From	Total Length ease, Unit, or Property Line: 1/4 Sec Lines FSL FWL
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 LATER SEC Spot L Depth	TWP Docation 1/4 1/4 of on red Total Depth RAL #3 TWP Docation 1/4 1/4 of	1/4 1/4 Feet From Direction True Vertical Depth BHL From Le RGE COUNTY 1/4 1/4 Feet From Radius of Turn Direction	Total Length ease, Unit, or Property Line: 1/4 Sec Lines FSL FWL Total Length
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 LATEF SEC Spot L	TWP Docation 1/4 1/4 of on red Total Depth RAL #3 TWP Docation 1/4 1/4 of	1/4 1/4 Feet From Direction True Vertical Depth BHL From Le RGE COUNTY 1/4 1/4 Feet From Radius of Turn Direction	Total Length ease, Unit, or Property Line: 1/4 Sec Lines FSL FWL

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS WOODS County, Oklahoma 255'FNL-1070'FEL Section _ 11 Township 23N Range 14W I.M. PENETRATION POINT 2631 2631' ±6927' MD X 1801490.4 Y 543808.3 X 1804120.9 Y 543778.4 X 1806751.7 Y 543748.8 SURFACE HOLE TOP PERF PENETRATION POINT 75 PENEIRATION POINT (6834' MD) SEC 2 85'FSL-1126'FEL 36.492208' N 98.661234' W X= 1805626.7 Y= 543846.4 TOP PERF. (7088' MD) 159'FNL-1121'FEL 36.491538' N 98.661217' W X= 1805630.1 Y= 543602.3 11 X 1801465.0 Y 541167.7 X 1806733.4 Y 541108.9 587. 1988. TIM 1-11 ±459' BOTTOM PERF. (12019' MD) 174'FSL-1089'FEL 36.478011' N 98.661109' W GRID X = 1805628.3NAD-27 Y= 538677.7 OK NORTH US Feet BOTTOM HOLE (12105' MD) 88'FSL-1088'FEL 36'28'40.0" N 98'39'40.0" W 36.477774' N 98.661107' W 500° 1000' X= 1805628.2 Y= 538591.7 BOTTOM PERF BOTTOM HOLE 2638 2638 1806715.6 X 1801439.5 Y 538527.6 1804077.6 538512.6 538497.6 **ELEVATION:** Operator: CHESAPEAKE OPERATING, L.L.C. Lease Name: <u>LEE 11-23-14</u> 1497' Gr. at Level Pad 1H Well No.: ___ Topography & Vegetation Loc. fell on level pad Reference Stakes or Alternate Location Good Drill Site? ____ None Stakes Set . Best Accessibility to Location From North off county road Distance & Direction From Aline, OK, go ± 9.5 mi. West on paved road, then ± 2.0 mi. South, from Hwy Jct or Town then ±2.0 mi. West to the SE Cor. of Sec. 11-T23N-R14W Dec. 19, 2018 309790 Date of Drawing: _

was receiver accuracy.	DATUM: <u>NAD-27</u> LAT: <u>36°29'28.6"N</u>
	LONG: 98'39'39.8"W
SPS Vert	LAT: <u>36.491274°N</u>
riz.	LONG: 98.661044°W
information with a GPS oot Horiz./Vert.	STATE PLANE
This ered	COORDINATES: (US Feet) ZONE: OK NORTH
# # #	X: 1805680.1
6	Y: 543505.8

JP Invoice # 302433 Date Staked: Sept. 6, 2018

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION FURNISHED BY CHESAPEAKE OPERATING, L.L.C.

	7		14118						
NO. 151-24544	PLEASE TYPE OR USE BLACK INK NOTE:	ONLY	OKLAHOMA	CORPORA	TION COMM	IISSION	AFA	PILIP	Form 1002A Rev. 2009
OTC PROD. 151 224976	Attach copy of original 1002A if recom	pletion or reentry.	V Oil &	Gas Conserv	ation Division		MEG	EIVE	U
UNIT NO. 151-224876	_			Post Office B a City, Oklah	ox 52000 oma 73152-20	00	FFR (2 7 2019	
X ORIGINAL AMENDED	t: 097208 S			Rule 165:1					1016EZ
Reason Amended			cc	MPLETION	REPORT		Oklahoma	Corporati	on
TYPE OF DRILLING OPERATION STRAIGHT HOLE		IZONTAL HOLE	SPUD DATE	10/3	1/2018		G0MI 640	nission Acres	MALE STATE IN
SERVICE WELL If directional or horizontal, see re			DRLG FINISHED DATE	11/1	5/2018				
COUNTY WOO		N RGE 14W	DATE OF WELL		1/2018				
LEASE	WEL	L	COMPLETION						
NAME L SHL	ee 11-23-14 NO	1H	1ST PROD DATE	1/3/	2019				
	1/4 NE 1/4 255 1/4	4.070	RECOMP DATE			w			E
ELEVATION Derrick FI 1,522 Gr	ound 1,497)	Longitude						
ODEDATOD	PEAKE OPERATING, L.L.	2 0	(if Known) TC/OCC OPERATOR	NO	17441				
		J. 0		NO.	17441				
	X 18496								
CITY OKLAH	OMA CITY	STATE (OK ZIP	73	154				
COMPLETION TYPE		CASING & CEME	NT (Form 1002C mus	t be attached	d)		LOCAT	E WELL	7
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
MULTIPLE ZONE Application Date		CONDUCTOR	SIZE	-VEIGIII	SIVADE	I LLI	1 01	UAX.	101
COMMINGLED		SURFACE	40.0/01	40#	11.40	070		045	0 (
Application Date LOCATION	000070 1		13-3/8"	48#	H-40	272		315	Surface
EXCEPTION ORDER NO. INCREASED DENSITY	690279 ₹ 0.	INTERMEDIATE	9-5/8"	36#	J-55	1,517		610	415
ORDER NO.	683703	PRODUCTION	7"	29#	P-110EC	7,091		290	3,901
		LINER	4-1/2"	13.50#	P-110	6,829-12,09	0	460	6,829
PACKER @ BRAN	ND & TYPE P	LUG @	TYPE	PLUG @		TYPE	TOTA	L DEPTH	12,105
		LUG @	TYPE	PLUG @		TYPE	_		
COMPLETION & TEST DATA E									
~	(62 EU MALA	11-							
FORMATION	#354MNN	160/						0	116
FORMATION SPACING & SPACING	Manning 640	16r/						Repor	ted to
SPACING & SPACING ORDER NUMBER	Manning	Mr)						Repor Frac l	ted to
SPACING & SPACING ORDER NUMBER	Manning 640							Repor Frac t	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj.	Manning 640 154982 Gas	f						Repor Fraic t	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Manning 640 154982	Nr)						Repor Frac l	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Manning 640 154982 Gas							Repor Frac l	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Manning 640 154982 Gas							Repor Frac I	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS	Manning 640 154982 Gas 7,088 - 12,019							Repor Frac l	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids							Repor Frac I	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT	Manning 640 154982 Gas 7,088 - 12,019							Repor Frac I	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant							Repor Frac I	ted to
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant	(165:10-17-	77)		Purchaser/Mea	surer	Chesap		ted to focus
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts)	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR	(165:10-17-	7)		Purchaser/Mea	surer	Chesap	Report Frac I	
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts)	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable		7)			surer	Chesap		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019	(165:10-17-	7)			surer	Chesap		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable	(165:10-17-		1st Sa	ales Date				
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35	(165:10-17-		1st Sa	ales Date				
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4	(165:10-17-	1444	1st Sa	ales Date	Шиии	Щ		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932	(165:10-17-	1444	1st Sa	ales Date	Шиии	Щ		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Cas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629	(165:10-17-	1444	1st Sa	ales Date		Щ		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629 149	(165:10-17-	1444	1st Sa	ales Date	Шиии	Щ		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629 149 Artificial Lift	(165:10-17-	1444	1st Sa	ales Date	Шиии	Щ		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629 149	(165:10-17-	1444	1st Sa	ales Date	Шиии	Щ		
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE A record of the formations drilled	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629 149 Artificial Lift 94	(165:10-17-) (165:10-13-3)	AS declare that I have kr	1st Sa	BM	is report and am a	Luthorized by m	1/4/20	19)
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE A record of the formations drilled report, which was prepared by marenal contents.	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629 149 Artificial Lift 94 Ithrough, and pertinent remarks are preserved or under my supervision and direction	(165:10-17-) (165:10-13-3) Sented on the reverse. I with the data and facts	declare that I have kr stated herein to be tro	SU Owledge of the, correct, and	BM ele contents of tid complete to ti	nis report and am a he best of my know	uthorized by managed and believed	ny organization	to make this
SPACING & SPACING ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS ACID/VOLUME FRACTURE TREATMEMT (Fluids/Prop Amounts) INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE A record of the formations drilled	Manning 640 154982 Gas 7,088 - 12,019 54,500 gals acid 127,992 bbls fluids 5,744,273# proppant Minimum Gas Allowable X OR Oil Allowable 2/17/2019 35 38.4 932 26,629 149 Artificial Lift 94 through, and pertinent remarks are preserved or under my supervision and direction	(165:10-17-) (165:10-13-3) Sented on the reverse. I with the data and facts ANITA COOPER	declare that I have kr stated herein to be tro	SU OWNEEDER OF THE CONTROL OF THE C	BM ele contents of tid complete to ti	is report and am a	uthorized by myledge and beli	ny organization ef. 405-8	19)
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