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

Rule 165: 10-3-25

OTC Prod. Unit No.: 069-223732 Drilling Finished Date: January 24, 2018

1st Prod Date: July 09, 2018

Completion Date: July 09, 2018

First Sales Date:

Drill Type: HORIZONTAL HOLE

Well Name: WB 4-16H9X Purchaser/Measurer:

Location: JOHNSTON 16 4S 4E

SW NW NE SW

2275 FSL 1540 FWL of 1/4 SEC Latitude: 34.207867 Longitude: -96.89284 Derrick Elevation: 0 Ground Elevation: 735

Operator: XTO ENERGY INC 21003

**Completion Type** 

Single Zone

Multiple Zone

Commingled

810 HOUSTON ST

FORT WORTH, TX 76102-6203

Location Exception
Order No
671530

Increased Density				
Order No				
669671				
669672				

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	169	J-55	107			SURFACE
SURFACE	13 3/8	54.50	J-55	545		430	SURFACE
INTERMEDIATE	9 5/8	36	J-55	2464		595	SURFACE
PRODUCTION	5 1/2	23	P-110	19061		2435	5817

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

Total Depth: 19061

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** 

September 25, 2018 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
Aug 05, 2018	WOODFORD	374	44	603	1612	1709	FLOWING	775	32	800

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

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders				
Order No	Unit Size			
542820	640			
560950	640			
671457	MULTIUNIT			

Perforated Intervals				
From To				
10733	18927			

Acid Volumes
30,000 GALLONS HCL

Fracture Treatments
456,183 BARRELS TREATED WATER, 1,490,920 POUNDS 100 MESH, 11,631,640 POUNDS 40/70

Formation	Тор
WOODFORD	10631

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

### Other Remarks

IRREGULAR SECTION. EXCEPTION TO THE RULES: 671158. 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: 9 TWP: 4S RGE: 4E County: JOHNSTON

NE NW NW NE

48 FNL 2195 FEL of 1/4 SEC

Depth of Deviation: 10160 Radius of Turn: 598 Direction: 10 Total Length: 7961

Measured Total Depth: 19061 True Vertical Depth: 10340 End Pt. Location From Release, Unit or Property Line: 48

# FOR COMMISSION USE ONLY

1140544

Status: Accepted

September 25, 2018 2 of 2

Form 1002A Rev. 2009

AUG 0 8 2018

OKLAHOMA CORPORATION COMMISSION

PLEASE TYPE OR USE BLACK INK ONLY

NOTE:

069-20184

OTC PROD. 069-223732

UNIT NO.

Attach copy of original 1002A if recompletion or reentry.

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000 Rule 165:10-3-25

X ORIGINAL AMENDED (	Reason)				Rule 165:10-3-25
TYPE OF DRILLIN	OLE DIRECTIONAL H	HOLE THORI	ZONTAL HOLE	SPUD DATE	10/17/2017
If directional or hori	ELL zontal, see reverse for bottom	hole location.		DRLG FINISHED DATE	1/24/2018
COUNTY	Johnston SEC	16 TWP 4S	RGE <b>4E</b>	DATE OF WELL COMPLETION	7/9/2018
LEASE NAME	WB <b>4</b> -16H		WELL <b>4</b> -16H9)	st PROD DATE	7/9/2018
SW 1/4 NW	1/4 NE 1/4 SW 1/4	FSL OF 2275	FWL OF 1/4 SEC 1540	RECOMP DATE	
ELEVATIO N Derrick	Ground 735'	Latitude (if known)	34.207867	Longitude (if known)	96.892840
OPERATOR NAME	XTO Er	nergy Inc.		/OCC RATOR NO.	21003
ADDRESS		210 Park Ave	enue, Suite 23	50	
CITY	Oklahoma Cit	у	STATE O	klahoma ZIP	73102

L		017112	Oklano	111a   2.11	7010		1	OCATE WE	LL
COMPLETION TYPE		CASING & CEME	NT (Form 100	2C must be	attached)				
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
MULTIPLE ZONE Application Date		CONDUCTOR	20"	169	J-55	107			Suface
COMMINGLED Application Date	I.O. seerem	SURFACE	13 3/8"	54.50	J-55	545		430	surface
LOCATION EXCEPTION ORDER	671530, <del>671158</del>	INTERMEDIATE	9 5/8"	36	J-55	2,464		595	surface
INCREASED DENSITY ORDER NO.	669671, 669672	PRODUCTION	5 1/2"	23	P-110	19,061		2435	5817
		LINER							
PACKER @	BRAND & TYPE	PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH	19061'
PACKER @	BRAND & TYPE	PLUG @	TYPE		PLUG @	TYPE			
COMPLETION & TEST	DATA BY PRODUCING FORM	ATION 319W	DFD						_
FORMATION	Woodford				1			17	1

FORMATION	Woodford	*				Reported
SPACING & SPACING ORDER NUMBER	640: 542820	560950 (640	(714	57 (Multium	7)	to Frack
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil					
				9		And the second s
PERFORATED INTERVALS	10733-19924	procedure has	18927			
ACID/VOLUME	30,000 gals HCL					
	456,183 BTWL		<del></del>			
FRACTURE TREATMENT (Fluids/Prop Amounts)	1,490,920# 100 Mesh					
	11,631,640# 40/70					

Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer OR **INITIAL TEST DATA** Oil Allowable (165:10-13-3) INITIAL TEST DATE 8/5/2018 OIL-BBL/DAY 374 44 OIL-GRAVITY ( API) 603 GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL ·<del>13,705</del>· 1612 1709 WATER-BBL/DAY PUMPING OR FLOWING Flowing 775 INITIAL SHUT-IN PRESSURE 32 CHOKE SIZE FLOW TUBING PRESSURE 800 FCP

A record of the formations drilled through, and pertinent rema	irks are presented on the	reverse. I dec	clare that I have kr	nowledge of the contents of	this report and am auth	orized by my organization
to make this report, which was prepared by me or under my s	upervision and direction,	with the data a	nd facts stated he	erein to be true, correct, and	t complete to the best of	my knowledge and belief.
Mebbie Maggorer		Debbie W	/aggoner		8/6/2018	405-319-3243
SIGNATURE 10		NAME (PRIN	T OR TYPE)		DATE	PHONE NUMBER
210 Park Avenue, Suite 2350	Oklahoma City	Ok	73102	debbie	_waggoner@xto	energy.com
ADDRESS	CITY	STATE	ZIP		EMAIL ADDRESS	S

## PLEASE TYPE OR USE BLACK INK ONLY

Give formation names and tops, if available, or des drilled through. Show intervals cored or drillstem te	criptions and thickness of formations	LEASE NAME			<sub>NO.</sub> 4-16H9X
NAMES OF FORMATIONS	ТОР		FOR COM	IMISSION USE ONLY	
WOODFORD	10,631'			MINOCION GGE CIVET	
VVOODI OND	10,031	ITD on fileY	ESNO		
		APPROVED D	ISAPPROVED	ject Codes	
		<del></del>	2) No	jeci Codes	
		İ		<u> </u>	
				<u> </u>	
			<del>~-</del>		
			- V		
		Were open hole logs run	?yes _X_	no	
		Date Last log was run			
		Was CO <sub>2</sub> encountered?	yes _X	no at what depths? _	
		Was H <sub>2</sub> S encountered?	ves X	no at what depths?	
		} -		-	res X no
		Were unusual drilling circ	cumstances encountered?	,	es110
Other remarks: Irregular Section					
Multi Unit: 671457 Execption Rule	e: 671159 F M				
with Offic of 1457 Execption Rule	es. 071130 <i>D.O</i> ,				
	The state of the s				
640 Acres	BOTTOM HOLE LOCATION FO	R DIRECTIONAL HOLE			
640 Acres		R DIRECTIONAL HOLE			
640 Acres			East From 1/4 Sec Lines	FGI	FWI
640 Acres	SEC TWP R Spot Location 1/4 1/	GE COUNTY 4 1/4 1	/4 Feet From 1/4 Sec Lines	FSL Property Line:	FWL
640 Acres	SEC TWP R	GE COUNTY	/4 Feet From 1/4 Sec Lines BHL From Lease, Unit, or I		FWL.
640 Acres	SEC TWP R Spot Location 1/4 1/	GE COUNTY 4 1/4 1	14:		FWL
640 Acres	SEC TWP R Spot Location 1/4 1/ Measured Total Depth	GE COUNTY 4 1/4 1	BHL From Lease, Unit, or I		FWL
640 Acres	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR	GE COUNTY  4 1/4 1  True Vertical Depth	BHL From Lease, Unit, or I		FWL
640 Acres	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR	GE COUNTY  4 1/4 1  True Vertical Depth  R HORIZONTAL HOLE: (LATERAL	BHL From Lease, Unit, or I		FWL
640 Acres	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location	GE COUNTY  4 1/4 1 True Vertical Depth  R HORIZONTAL HOLE: (LATERAL	BHL From Lease, Unit, or I	Property Line:  Johnston	
640 Acres	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/	GE COUNTY  4 1/4 1 True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1	BHL From Lease, Unit, or Last Last Last Last Last Last Last Last	Johnston	FEL 2195
	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location NE 1/4 NW 1/ Depth of Deviation 10,160	GE COUNTY  4 1/4 1 True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines Direction  10.6°	Johnston FNL 48' Total Length	
more than three drainholes are proposed, attach a	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth	GE COUNTY  4 1/4 1  True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'  True Vertical Depth	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines Direction 10.6° BHL From Lease, Unit, or I	Johnston FNL 48' Total Length Property Line:	FEL 2195 7961'
f more than three drainholes are proposed, attach a reparate sheet indicating the necessary information.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location NE 1/4 NW 1/ Depth of Deviation 10,160	GE COUNTY  4 1/4 1 True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines Direction 10.6° BHL From Lease, Unit, or I	Johnston FNL 48' Total Length	FEL 2195 7961'
f more than three drainholes are proposed, attach a reparate sheet indicating the necessary information.  Direction must be stated in degrees azimuth.  Please note, the horizontal drainhole and its end	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'	GE COUNTY  4 1/4 1  True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'  True Vertical Depth	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines Direction 10.6° BHL From Lease, Unit, or I	Johnston FNL 48' Total Length Property Line:	FEL 2195 7961'
f more than three drainholes are proposed, attach a eparate sheet indicating the necessary information.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'  LATERAL #2	GE COUNTY  4 1/4 1  True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'  True Vertical Depth	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines Direction 10.6° BHL From Lease, Unit, or I	Johnston FNL 48' Total Length Property Line:	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information.  Direction must be stated in degrees azimuth.  Rease note, the horizontal drainhole and its end oint must be located within the boundaries of the	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of Deviation Measured Total Depth 19061'  LATERAL #2 SEC TWP R	GE COUNTY  4 1/4 1 True Vertical Depth  GE 4E COUNTY  4 NW 1/4 NE 1 Radius of Turn 598.4' True Vertical Depth 10340'  GE COUNTY	LS)  A Feet From 1/4 Sec Lines  Direction  BHL From Lease, Unit, or 1/4  A Sec Lines  A BHL From Lease, Unit, or 1/4  48'	Johnston FNL 48' Total Length Property Line: FNL & 2195' FEL	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all drainholes and directional wells.	SEC TWP R Spot Location 1/4 1/4 Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location NE 1/4 NW 1/4 Depth of 10,160 Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location 1/4 1/4	GE COUNTY  4 1/4 1  True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'  True Vertical Depth 10340'  GE COUNTY	BHL From Lease, Unit, or I  S  Feet From 1/4 Sec Lines  Direction  10.6°  BHL From Lease, Unit, or I  48'	Johnston FNL 48' Total Length Property Line: FNL & 2195' FEL	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end coint must be located within the boundaries of the ease or spacing unit.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location	GE COUNTY  4 1/4 1 True Vertical Depth  GE 4E COUNTY  4 NW 1/4 NE 1 Radius of Turn 598.4' True Vertical Depth 10340'  GE COUNTY	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines  Direction  10.6°  BHL From Lease, Unit, or I  48'  /4 Feet From 1/4 Sec Lines  Direction	Johnston  FNL 48' Total Length  FSL  Total Length	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all drainholes and directional wells.	SEC TWP R Spot Location 1/4 1/4 Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/4 Depth of Deviation 10,160 Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location 1/4 1/4 Depth of Depth of Depth 19061'	GE COUNTY  4 1/4 1  True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1  Radius of Turn 598.4'  True Vertical Depth 10340'  GE COUNTY	BHL From Lease, Unit, or I  S  Feet From 1/4 Sec Lines  Direction  10.6°  BHL From Lease, Unit, or I  48'	Johnston  FNL 48' Total Length  FSL  Total Length	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Elease note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all Irainholes and directional wells.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location 1/4 1/ Depth of Deviation	GE	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines  Direction  10.6°  BHL From Lease, Unit, or I  48'  /4 Feet From 1/4 Sec Lines  Direction	Johnston  FNL 48' Total Length  FSL  Total Length	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Elease note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all Irainholes and directional wells.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location 1/4 1/ Depth of Deviation Measured Total Depth Spot Location 1/4 1/ Depth of Deviation Measured Total Depth	GE	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines  Direction  10.6°  BHL From Lease, Unit, or I  48'  /4 Feet From 1/4 Sec Lines  Direction	Johnston  FNL 48' Total Length  FSL  Total Length	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. direction must be stated in degrees azimuth. Itelease note, the horizontal drainhole and its end oint must be located within the boundaries of the lase or spacing unit.  Directional surveys are required for all trainholes and directional wells.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'  LATERAL #2  SEC TWP R Spot Location 1/4 1/ Depth of Deviation 1/4 1/ Depth of Depth of Deviation Measured Total Depth Spot Location 1/4 1/ Depth of Deviation Measured Total Depth	GE	BHL From Lease, Unit, or I  S)  Feet From 1/4 Sec Lines  Direction  10.6°  BHL From Lease, Unit, or I  48'  /4 Feet From 1/4 Sec Lines  Direction	Johnston  FNL 48' Total Length  FSL  Total Length	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all drainholes and directional wells.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of Deviation Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location 1/4 1/ Depth of Deviation Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location Measured Total Depth LATERAL #3 SEC TWP R	GE COUNTY  4 1/4 1 True Vertical Depth  R HORIZONTAL HOLE: (LATERAL  GE 4E COUNTY  4 NW 1/4 NE 1 Radius of Turn 598.4' True Vertical Depth 10340'  GE COUNTY  4 1/4 1 Radius of Turn True Vertical Depth	BHL From Lease, Unit, or I  Feet From 1/4 Sec Lines  Direction 10.6' BHL From Lease, Unit, or I  48'  Feet From 1/4 Sec Lines  Direction BHL From Lease, Unit, or I	Johnston FNL 48' Total Length FNL & 2195' FEL FSL Total Length Property Line:	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all drainholes and directional wells.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1  SEC 9 TWP 4S Spot Location NE 1/4 NW 1/ Depth of 10,160  Measured Total Depth 19061'  LATERAL #2  SEC TWP R Spot Location 1/4 1/ Depth of Deviation Measured Total Depth  Spot Location 1/4 1/ Depth of Deviation Measured Total Depth  LATERAL #3  SEC TWP R Spot Location 1/4 1/ Depth of Deviation Measured Total Depth	GE	BHL From Lease, Unit, or I  Feet From 1/4 Sec Lines  Direction  10.6' BHL From Lease, Unit, or I  48'  Direction  BHL From Lease, Unit, or I  BHL From Lease, Unit, or I	Johnston FNL 48' Total Length FSL Total Length Property Line: FSL Total Length Property Line:	FEL 2195 7961'
more than three drainholes are proposed, attach a eparate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Elease note, the horizontal drainhole and its end oint must be located within the boundaries of the base or spacing unit.  Directional surveys are required for all Irainholes and directional wells.	SEC TWP R Spot Location 1/4 1/ Measured Total Depth  BOTTOM HOLE LOCATION FOR LATERAL #1 SEC 9 TWP 4S R Spot Location NE 1/4 NW 1/ Depth of 10,160 Measured Total Depth 19061'  LATERAL #2 SEC TWP R Spot Location Measured Total Depth 1/4 1/ Depth of Deviation Measured Total Depth LATERAL #3 SEC TWP R Spot Location	GE COUNTY  4 1/4 1 True Vertical Depth  GE 4E COUNTY  4 NW 1/4 NE 1 Radius of Turn 598.4' True Vertical Depth 10340'  GE COUNTY  4 1/4 1 Radius of Turn True Vertical Depth  True Vertical Depth COUNTY	BHL From Lease, Unit, or I  Feet From 1/4 Sec Lines  Direction 10.6°  BHL From Lease, Unit, or I  48'  A Feet From 1/4 Sec Lines  Direction  BHL From Lease, Unit, or I	Johnston FNL 48' Total Length FNL & 2195' FEL FSL Total Length Property Line:	FEL 2195 7961'