UNITED STAT	UNITED STATES			FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010 5. Lease Serial No.		
DEPARTMENT OF TH BUREAU OF LAND M	E INTERIOR	ANDRES		5. Lease Serial No. SHL:NMNM175774/BH	L:NMNM103235	
APPLICATION FOR PERMIT T	O DRILL O		2016	6. If Indian, Allotee or T	Fribe Name	
Type of work: DRILL REENTER RECEIVED			7. If Unit or CA Agreeme	(
lb. Type of Well: ✔ Oil Well Gas Well Other ✔ Single Zone Multiple Zone				8. Lease Name and Well Ocioso 21 Federal Cor		
2. Name of Operator XTO Energy, Inc (5380)				9. API Well No. 30-025-4	+3411	
3a. Address 500 W. Illinois Ste 100 Midland, Texas 79701	100 000 0011			10. Field and Pool, or Explo Lusk; Bone Spring, East	oratory	
4. Location of Well (Report location clearly and in accordance with any State requirements.*)				11. Sec., T. R. M. or Blk.ar	nd Survey or Area	
At surface 500'FNL & 2375'FWL, C-28-T19S-R32E At proposed prod. zone 330'FSL & 2290'FWL, N-21-T19	9S-R32E			C-28-T19S-R32E		
14. Distance in miles and direction from nearest town or post office*				12. County or Parish Lea	13. State NM	
 Distance from proposed* 500"FWL property or lease line, ft. (Also to nearest drig. unit line, if any) 	16. No. of acres in lease17. Spaci440160		ing Unit dedicated to this well			
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Proposed Depth 20. BLM TVD: 9418' UTB00 MD: 14,791' UTB00					
 Elevations (Show whether DF, KDB, RT, GL, etc.) 3582' 	22. Approximate date work will start*		23. Estimated duration 45 Days			
	24. Atta	chments				
The following, completed in accordance with the requirements of Or	shore Oil and Gas	Order No.1, must be	attached to th	is form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO must be filed with the appropriate Forest Service Office). 		Item 20 above) 5. Operator certif	ication	ons unless covered by an exis		
25. Signature				Date		
Regulatory Analyst	Step	hanie Rabadue		05	5/02/2015	
Approved by (Signature) /s/George MacDonell	Name (Printed/Typed)			Da	EP 6 - 2016	
FIELD MANAGER	Office	° C	ARLSBAD	FIELD OFFICE		
Application approval does not warrant or certify that the applicant onduct operations thereon. Conditions of approval, if any, are attached.	holds legal or equ	itable title to those rig	hts in the sul	bject lease which would entitle APPROVAL	FOR TWO YE	
Citle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representation	a crime for any p s as to any matter	person knowingly and within its jurisdiction.	willfully to r	make to any department or ag	ency of the United	
(Continued on page 2) Capitan Controlled Water Basin	K	3/01/16		*(Instruct	tions on page 2)	

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Approval Subject to General Requirements & Special Stipulations Attached

DRILLING PLAN: BLM COMPLIANCE (Supplement to BLM 3160-3)

XTO Energy Inc. Ocioso 21 Federal COM 2H Projected TD: 14791' MD / 9418' TVD SHL: 500' FNL & 2375' FWL, SECTION 28, T19S, R32E BHL: 200' FNL & 1800' FWL, SECTION 21, T19S, R32E Lea County, NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

A. Permian

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS & DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Formation	Well Depth (TVD)	Water / Oil / Gas
Rustler	880'	Water
Top of Salt	1005'	
Base of Salt	2491'	
Delaware	4760'	Water
Brushy Canyon	5817'	Water/Oil/Gas
Bone Spring	7293'	Water/Oil/Gas
1st Bone Spring Ss	8488'	Water/Oil/Gas
2 nd Bone Spring Ss	9184'	Water/Oil/Gas
Target/Land Curve	9418'	Water/Oil/Gas
3rd Bone Spring Ss	10031'	Water/Oil/Gas
Wolfcamp	10473'	Water/Oil/Gas
Strawn	11394'	Water/Oil/Gas
Pilot Hole TD	11601'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon

*** Groundwater depth 223' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13-3/8" casing @ 925' above the salt and circulating cement back to surface. The salt will be isolated by setting 9-5/8" casing at 4725' and circulating cement to surface. An 8-3/4" pilot hole will be drilled into the Strawn. It will then be plugged back. An 8-3/4" curve and lateral hole will be drilled to MD/TD and 5-1/2" casing with sliding frac sleeves will be set at TD and cemented back 500' into the 9-5/8" casing shoe.

3. CASING PROGRAM:

Hole Size	Depth	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
17-1/2"	0'-925'	13-3/8"	48#	STC	H-40	New	4.94	1.75	7.25
12-1/4"	0'-4725'	9-5/8"	40#	LTC	J-55	New	1.02	1.41	3.06
8-3/4"	0' – 14791'	5-1/2"	17#	BTC	P-110	New	1.12	1.66	2.26

WELLHEAD:

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- A. Starting Head: 13-5/8" 3000 psi top flange x 13-3/8" SOW bottom
- B. 'B' Section/ Drilling Spool: 13-5/8" 3000psi bottom flange x 11" 5M top flange
- C. Tubing Head: 11" 5000psi bottom flange x 7-1/16" 10,000psi top flange

4. CEMENT PROGRAM: See Cord

A. Surface Casing: 13-3/8", 48#, NEW H-40, STC casing to be set at \pm 925'.

Lead: 20 bbls FW, then 515 sx ExtendaCem-CZ (mixed at 13.7 ppg, 1.68 ft³/sk, 8.72 gal/sx wtr)

Tail: 305 sx HalCem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft³/sk, 6.39 gal/sx wtr) ***All volumes 100% excess in open hole. Cement to surface.

B. Intermediate Casing: 9-5/8", 40#, NEW J-55, LTC casing to be set at \pm 4725'.

Lead: 20 bbls FW, then 1405 sx EconoCem-HLC + 5% salt + 5 lbm/sk Kol-Seal (mixed at 12.9 ppg, 1.88 ft³/sk, 9.61 gal/sx wtr)

Tail: 250 sx HalCem-C (mixed at 14.8 ppg, 1.33 ft³/sk, 6.34 gal/sx wtr) ***All volumes 100% excess in open hole. Cement to surface.

C. Pilot Hole Plugs: 8-3/4" open hole See COTA

Plug 1: 11400' - 10400'

580 sx HalCem-H (mixed at 16.4 ppg, 1.08 ft³/sk, 4.52 gal/sx wtr)

Plug 2: 8950' - 8450'

335 sx HalCem-H + 0.5% CFR-3 + 0.2 HR-601 (mixed at 17.5 ppg, 0.95 ft³/sk, 3.52 gal/sx wtr) ***All volumes 50% excess in open hole.

D. <u>Production Casing</u>: 5-1/2", 17#, NEW P-110, BTC casing to be set at \pm 14791'. Casing will be cemented and will include sliding sleeves for the completion.

Lead: 20 bbls FW, then 460 sx Tuned Light + 0.5 lbm/sk CFR-3 + 1.5 lbm/sk salt + 0.1% HR601 (mixed at 10.5 ppg, 2.69 ft³/sk, 12.26 gal/sx wtr)

Tail: 1385 sx VersaCem PBHS2 + 0.5% LAP-1 + 0.25 lbm/sk D-air 5000 + 0.2% HR 601 + 0.4% CFR-3 + 1 pps Salt (mixed at 13.2 ppg, 1.61 ft³/sk, 8.38 gal/sx wtr)

5. PRESSURE CONTROL EQUIPMENT: See COR

The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. Max bottom hole pressure of the pilot hole should not exceed 5800 psi. Max bottom hole pressure of the lateral should not exceed 4525 psi.

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nippling up on the 13-5/8" 3M bradenhead and flange, the BOP test will be limited to 3000psi. When nippling up on the 9-5/8", the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' to 925'	17-1/2"	FW/Native	8.4 - 8.8	35 - 40	NC
925' to 4725'	12-1/4"	Brine/Gel Sweeps	9.8 - 10.2	30 - 32	NC
4725' to 11601' (Pilot Hole)	8-3/4"	FW / Cut Brine / Poly-Sweeps	8.6 - 9.6	29 - 32	NC - 20
8845' to 14791' (Curve/Lateral)	8-3/4"	FW / Cut Brine / Poly-Sweeps	8.6 - 9.2	29 - 32	NC - 20

6. PROPOSED MUD CIRCULATION SYSTEM:

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under 13-3/8" surface casing with brine solution. A 9.8ppg-10.2ppg brine mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

A. A Kelly cock will be in the drill string at all times.

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- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 13-3/8" casing.

8. LOGGING, CORING AND TESTING PROGRAM: ____ See COA

Mud Logger: Mud Logging Unit (2 man) on below intermediate casing.

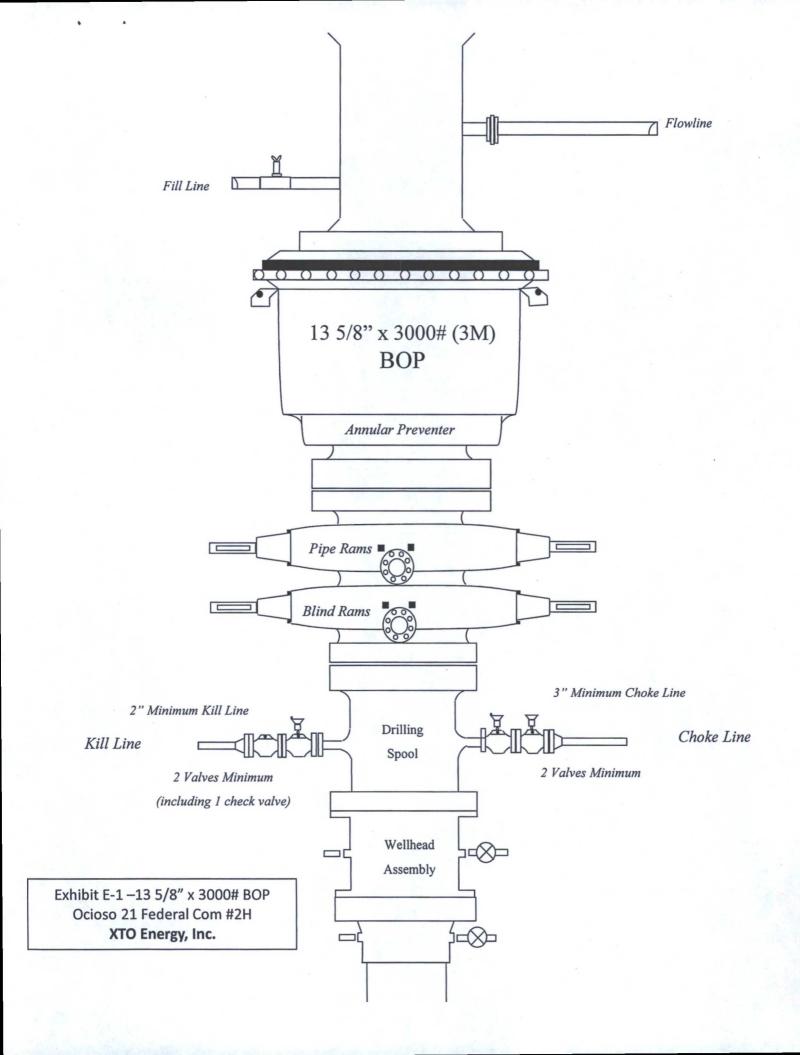
Open hole logging to include Density/Neutron/PE/Dual Laterlog/Spectral Gamma from pilot hole TD to intermediate casing shoe.

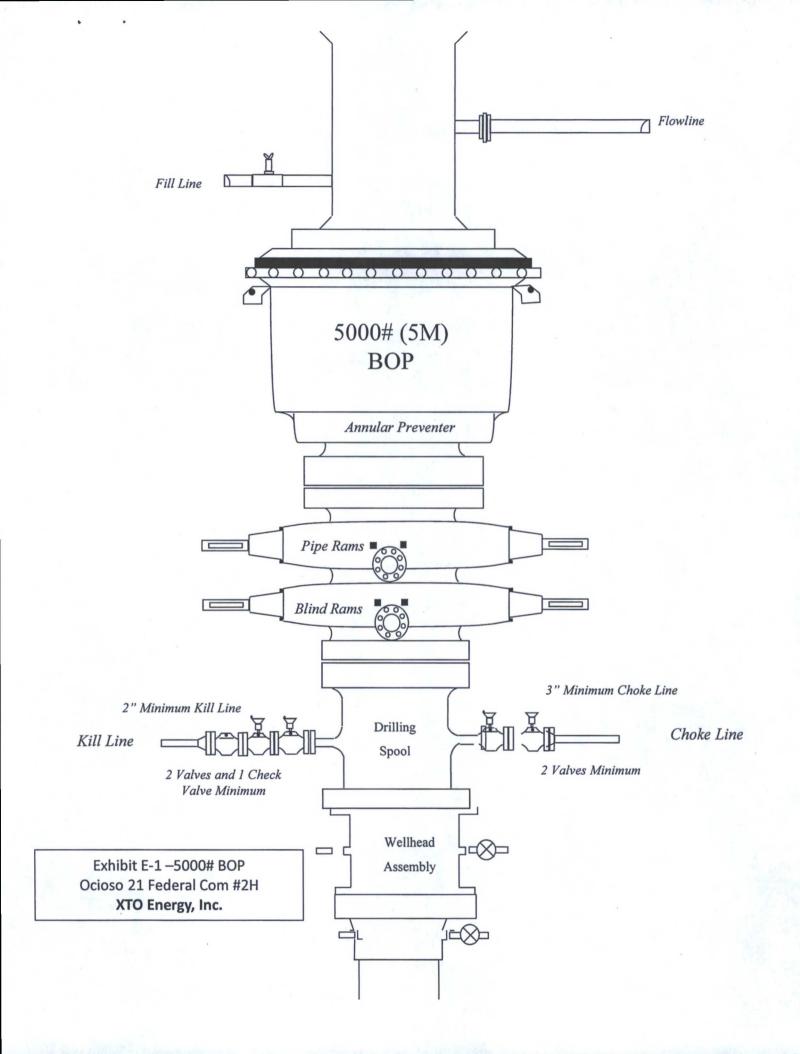
9. ABNORMAL PRESSURES AND TEMPERATURES / POTENTIAL HAZARDS: Hz & might he present - See CCA

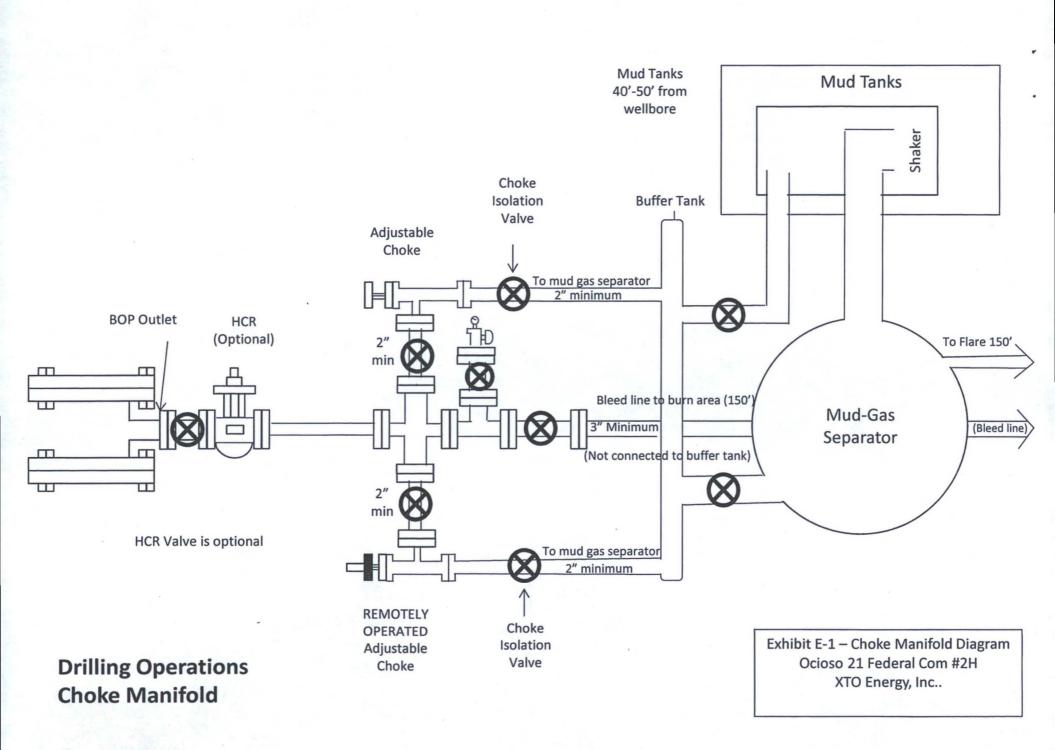
None anticipated. BHT of 175 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid.

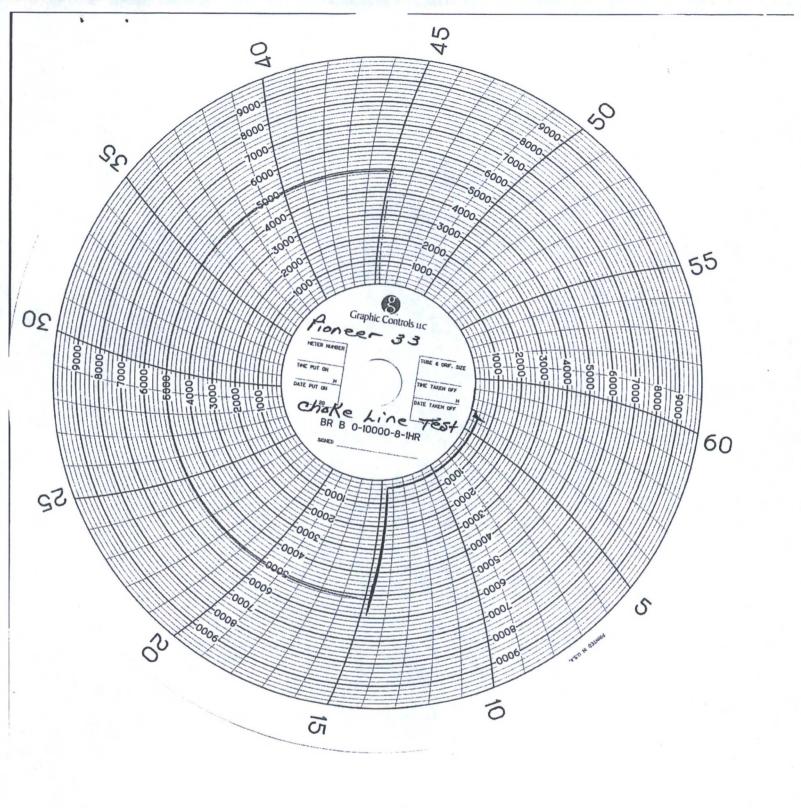
10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

Road and location construction will begin after Santa Fe and BLM have approved the APD. Anticipated spud date will be as soon after Santa Fe and BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 40 days. If production casing is run, an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.





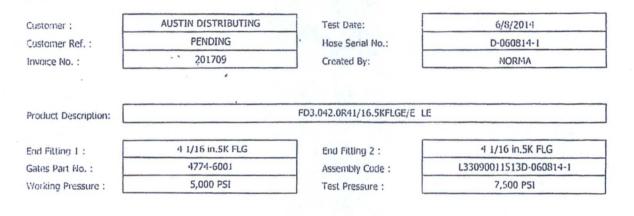






GATES E & S NORTH AMERICA, INC DU-TEX 134 44TH STREET CORPUS CHRISTI, TEXAS 78405 PHONE: 361-887-9807 FAX: 361-887-0812 EMAIL: crpe&s@gates.com WEB: www.gates.com

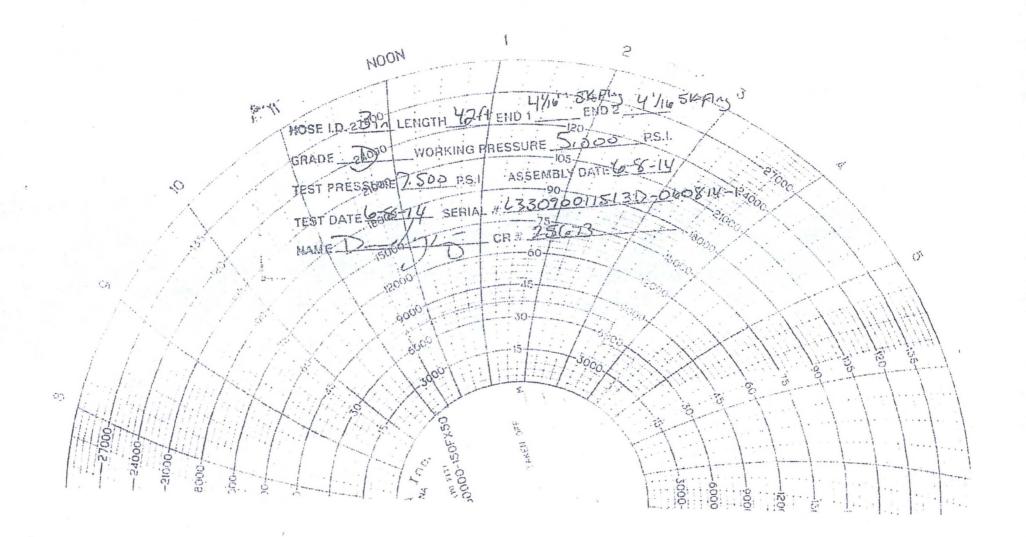
GRADE D PRESSURE TEST CERTIFICATE

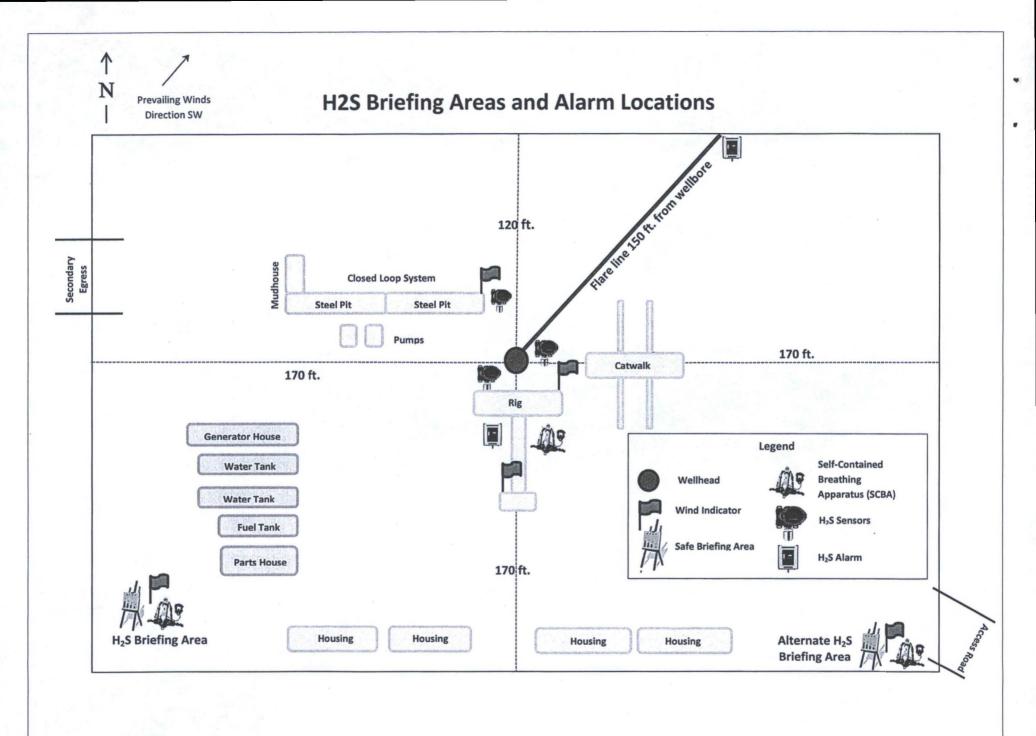


Gates E & S North America, Inc. certifies that the following hose assembly has been tested to the Gates Oilfield Roughneck Agreement/Specification requirements and passed the 15 minute hydrostatic test per API Spec 7K/Q1, Fifth Edition, June 2010, Test pressure 9.6.7 and per Table 9 to 7,500 psi in accordance with this product number. Hose burst pressure 9.6.7.2 exceeds the minimum of 2.5 times the working pressure per Table 9.

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uality:	QUALITY ,	Technical Supervisor :	PRODUCTION
ate :	1/1, 6/8/20141/	Date :	6/8/2014
ignature :	MANINA MATA	Signature :	12-2-2

Form PTC - 01 Rev.0 2







May 30, 2015

Stephanie Rabadue XTO Energy Inc. 500 W. Illinois St Ste 100 Midland, TX 79701 432-620-6714 stephanie_rabadue@xtoenergy.com

Bureau of Land Management 620 E. Greene Carlsbad, NM 88220 575-887-6544

Dear Sirs:

XTO Energy Inc. does not anticipate encountering H2S while drilling the Ocioso 21 Federal Com #2H located in Section 28, T19S, R32E, in Lea County, New Mexico. As a precaution, I have attached an H2S contingency plan along with a gas analysis of our well stream. If you need anything further, please contact me at the telephone number or email listed above.

Thank you,

Attahanie Rabadue

Stephanie Rabadue Regulatory Analyst