Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

5. Lease Serial No.

	NMNM120898	
6.	If Indian, Allottee or Tribe Name	

7. If Unit or CA/Agreement, Name and/or No. 891000303X

1. Type of Well				8. Weil Name	and No. AKE UNIT 18 BD 121H
☑ Oil Well ☐ Gas Well ☐ Oth					
2. Name of Operator BOPCO LP		KELLY KARDOS os@xtoenergy.com			14893-00-X1
3a. Address 6401 HOLIDAY HILL RD BLD MIDLAND, TX 79707		3b. Phone No. (include Ph: 432-620-4374			Pool or Exploratory Area E SAGE-WOLFCAMP (GAS)
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County of	r Parish, State
Sec 18 T25S R30E 2310FNL	540FWL			EDDY C	OUNTY, NM
12. CHECK THE AI	PROPRIATE BOX(ES)	TO INDICATE NA	TURE OF N	NOTICE, REPORT, C	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF A	CTION	
Notice of Intent	☐ Acidize	□ Deepen	C	☐ Production (Start/Res	ume)
_	☐ Alter Casing	Hydraulic F	racturing [☐ Reclamation	■ Well Integrity
☐ Subsequent Report	□ Casing Repair	□ New Constr	uction [☐ Recomplete	Other Change to Original A
☐ Final Abandonment Notice	□ Change Plans	□ Plug and Ał	_	☐ Temporarily Abandor	PD
	Convert to Injection	□ Plug Back		☐ Water Disposal	
following completion of the involved testing has been completed. Final Al determined that the site is ready for f XTO Permian Operating, LLC 1. Add Pilot Hole 2. Drilling Program Attachments:	pandonment Notices must be fil inal inspection. . requests permission to r	ed only after all requirem	ents, including	reclamation, have been contained approved APD:	mpleted and the operator has
Drilling Program BOP/CM/FH		Car		l Field Off	
Drilling Program		Can		i Fieid Ofi) Artesia	fice RECEIVED
Drilling Program		Can			
Drilling Program BOP/CM/FH 14. I hereby certify that the foregoing is	Electronic Submission #	446854 verified by the	OCI	Artesia Information System	JAN 1 0 2019 DISTRICT II-ARTESIA O.C.D.
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PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME: | BOPCO LP

LEASE NO.: | NM120898

WELL NAME & NO.: | 121H – Poker Lake Unit 18 Brushy Draw

SURFACE HOLE FOOTAGE: | 2310'/N & 570'/W

BOTTOM HOLE FOOTAGE | 200'/S & 330'/W, sec. 19

LOCATION: Section 18, T. 25 S., R. 30 E. **COUNTY:** Eddy County, New Mexico

COA

H2S	• Yes	C No	
Potash	• None	Secretary	⊂ R-111-P
Cave/Karst Potential	€ Low		← High
Variance	○ None	Flex Hose	Other
Wellhead	Conventional	Multibowl	C Both
Other	□ 4 String Area	Capitan Reef	□ WIPP

All previous COAs still apply.

A. CASING

- 1. The 16 inch surface casing shall be set at approximately 700 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8** hours or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

- 2. The minimum required fill of cement behind the 11-3/4 inch intermediate casing shall be set at approximately 3400 feet is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above.
- 3. The minimum required fill of cement behind the 8-5/8 inch intermediate casing shall be set at approximately 9500 feet is:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
- b. Second stage above DV tool:
 - Cement should tie-back at least 200 feet into previous casing string.
 - If cement does not circulate see B.1.a, c-d above.

Pilot hole is required to have a plug at the bottom of the hole. The BLM is to be contacted prior to tagging the plug. Pilot hole cement is approved as proposed.

- 4. The minimum required fill of cement behind the 5-1/2 inch production casing is:
 - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

B. PRESSURE CONTROL

- 1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 2000 (2M) psi.
 - a. In the case where the only BOP installed is an annular preventer, it shall be tested to a minimum of 2000 psi (which may require upgrading to 3M or 5M annular).
- 3. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the 11-3/4 intermediate casing shoe shall be 5000 (5M) psi.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)
 - Chaves and Roosevelt Counties
 Call the Roswell Field Office, 2909 West Second St., Roswell NM 88201.
 During office hours call (575) 627-0272.
 After office hours call (575)
 - Eddy County
 Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822
 - ✓ Lea CountyCall the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575)393-3612
- 1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - Notify the BLM when moving in and removing the Spudder Rig.
 - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.
- 2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
- 3. The record of the drilling rate along with the GR/N well log (one log per well pad is acceptable) run from TD to surface (horizontal well vertical portion of hole) shall

be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

- 1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
- 2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.
- 4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
- 5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
- 6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- 7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a

- larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
- 8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

- 1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
- 2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
- 3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
- 4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
 - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
- 5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

- a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
- b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except the casing pressure test can be initiated immediately after bumping the plug (only applies to single stage cement jobs).
- c. The tests shall be done by an independent service company utilizing a test plug. The results of the test shall be reported to the appropriate BLM office.
- d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- e. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- f. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes. This test shall be performed prior to the test at full stack pressure.
- g. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

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

XTO Energy Inc. Poker Lake Unit 18 BD 121H Projected TD: 18740' MD / 10824' TVD SHL: 2310' FNL & 540' FWL, Section 18, T25S, R30E BHL: 200' FSL & 330' FWL , Section 19, T25S, R30E Eddy County, NM

1. Geologic Name of Surface Formation

Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	682'	Water
Top of Salt	995'	Water
Base of Salt	3243'	Water
Delaware	3466'	Water
Bone Spring	4328'	Water/Oil/Gas
1st Bone Spring Ss	8192'	Water/Oil/Gas
2nd Bone Spring Ss	8999'	Water/Oil/Gas
3rd Bone Spring Ss	10079'	Water/Oil/Gas
Wolfcamp	10480'	Water/Oil/Gas
Wolfcamp A	10608'	
Target/Land Curve	10824'	Water/Oil/Gas
Wolfcamp B	10959'	
Pilot Hole TD	11000'	Water/Oil/Gas

^{***} Hydrocarbons @ Brushy Canyon

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 16" inch casing @ 826" (175' above the salt) and circulating cement back to surface. The salt will be isolated by setting 11-3/4" inch casing at 3400' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 8-5/8" inch casing at 9580' and a DV tool at 3450'. A 7-7/8" inch vertical pilot hole will be drilled to 11,000' (barrel cores from 10,350' to TD). Well will be plugged back to KOP and curve and lateral hole will be drilled to MD/TD and 5-1/2 inch casing will be set at TD and cemented back up to 1000' above 8-5/8 inch shoe.

- see COA

3. Casing Design 🗸

Hole Size	Depth 700	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
18-1/2"	0' - 820'	16"	75	STC	J-55	New	2.58	2.72	11.54
14-3/4"	0' - 3400'	11-3/4"	47	STC	J-55	New	1.22	1.46	2.98
10-5/8"	0' - 95 8 0	8-5/8"	32	BTC	HCL-80	New	1.62	1.19	2.40
7-7/8"	0' – 18740'	5-1/2"	17	втс	P-110	New	1.12	1.27	2.31

- · XTO requests to utilize centralizers only in the curve after the KOP and only a minimum of one every other joint.
- · 11-3/4" Collapse analyzed using 50% evacuation based on regional experience.
- · 8-5/8" Collapse analyzed using 50% evacuation based on regional experience.
- · 5-1/2" Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35
- · Test on 2M Annular & Casing will be limited to 70% burst of the casing or 1500psi, whichever is less

Wellhead:

Temporary Wellhead

· 16" SOW bottom x 16-3/4" 2M top flange

Permanent Wellhead - GE RSH Mullibrary System

A. Starting Head: 13-5/8" 5M top flange x 11-3/4" SOW bottom

- B. Tubing Head: 13-5/8" 5M bottom flange x 7-1/16" 10M top flange
 - · Wellhead will be installed by manufacturer's representatives.
 - · Manufacturer will monitor welding process to ensure appropriate temperature of seal.
 - · Operator will test the 8-5/8" casing per BLM Onshore Order 2
 - · Wellhead Manufacturer representative will not be present for BOP test plug installation

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MELeaig
1211 18

^{***} Groundwater depth 40' (per NM State Engineers Office).

Surface Casing: 16", 75 New J-55, STC casing to be set at +/- 820'

Lead: 280 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water) Tail: 230 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

Compressives:

12-hr =

900 psi

24 hr = 1500 psi

1st Intermediate Casing: 11-3/4", 47 New J-55, STC casing to be set at +/- 3400'

Lead: 1250 sxs EconoCem-HLTRRC (mixed at 12.9 ppg, 1.87 ft3/sx, 10.13 gal/sx water) Tail: 440 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

12-hr =

900 psi

24 hr = 1500 psi

2nd Intermediate Casing: 8-5/8", 32 New HCL-80, BTC casing to be set at +/- 9550' ECP/DV Tool to be set at 3450' ECP/DV Tool to be set at 3450'

1st Stage

Lead: 1130 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water)

Tail: 310 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)

Compressives:

12-hr =

900 psi

24 hr = 1500 psi

2nd Stage

Lead: 430 sxs Halcem-C + 2% CaCl (mixed at 12.9 ppg, 1.88 ft3/sx, 9.61 gal/sx water)

Tail: 150 sxs Halcem-C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)

Compressives:

12-hr =

900 psi

24 hr = 1500 psi

Open Hole Isolation / Sidetrack Plug (1160 ft w/ 30% excess)

Tail: 477 sx Class H neat (1.07 ft3/sk) at mixed at 16.4 ppg, set from 11,000' to 9840'

Production Casing: 5-1/2", 17 New P-110, BTC casing to be set at +/- 18740'

Lead: 140 sxs NeoCem (mixed at 10.5 ppg, 2.69 ft3/sx, 12.26 gal/sx water)

Tail: 1180 sxs VersaCem (mixed at 13.2 ppg, 1.61 ft3/sx, 8.38 gal/sx water) 1375 psi

Compressives:

12-hr =

24 hr = 2285 psi

5. Pressure Control Equipment

The blow out preventer equipment (BOP) on surface casing temporary wellhead will consist of a 21-1/4" minimum 2M Hydril. MASP should not exceed 1020 psi.

Once the permanent WH is installed on the 11-3/4" casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 3529 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 11-3/4", 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nippling up on the 8-5/8", 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.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 8,20'	18-1/2"	FW/Native	8.4-8.8	35-40	NC
820' - 3400'	14-3/4"	Brine	9.8-10.2	30-32	NC
3400' to 9550'	10-5/8"	FW / Cut Brine	8.7-9.4	30-32	NC
95,50' to 18740'	7-7/8"	Cut Brine / Polymer	10.2 - 10.5	29-32	NC - 20

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 16" surface casing with brine solution. A ppg-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.
- 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 11-3/4" casing.

8. Logging, Coring and Testing Program

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

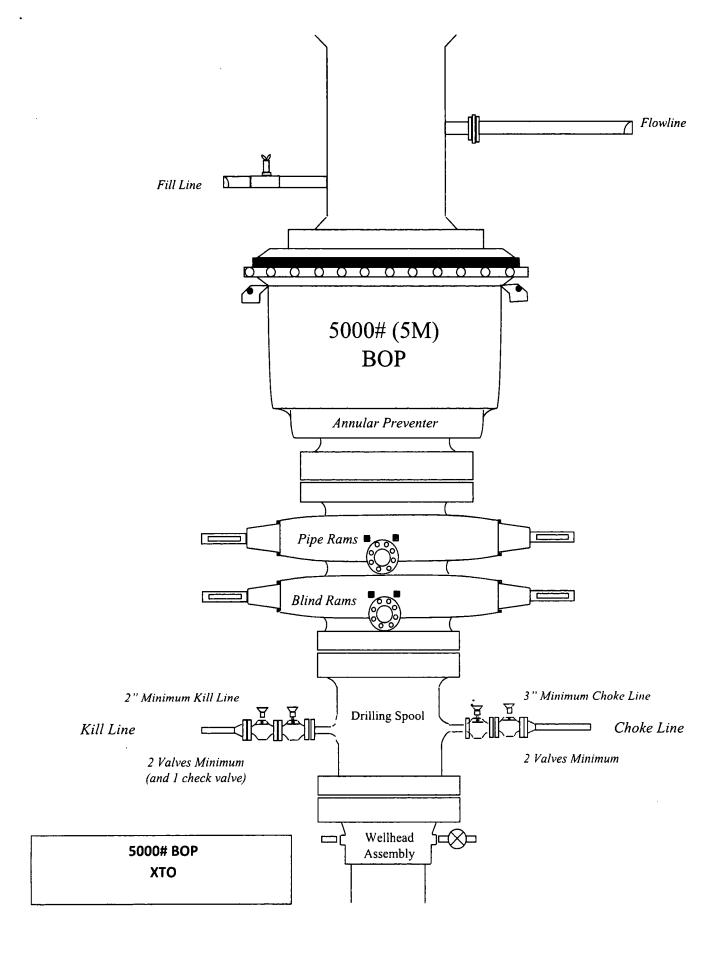
Open hole logging will include a Quad Combo & NMR in the pilot hole.

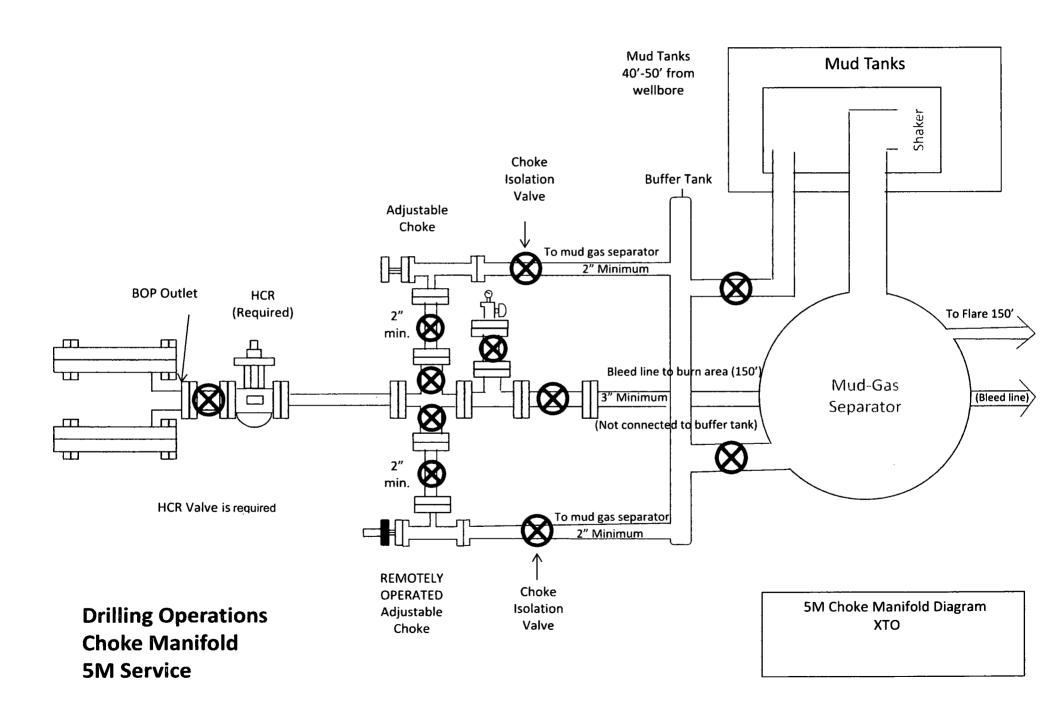
9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 150 to 170 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. The maximum anticipated bottom hole pressure for this well is 5910 psi.

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

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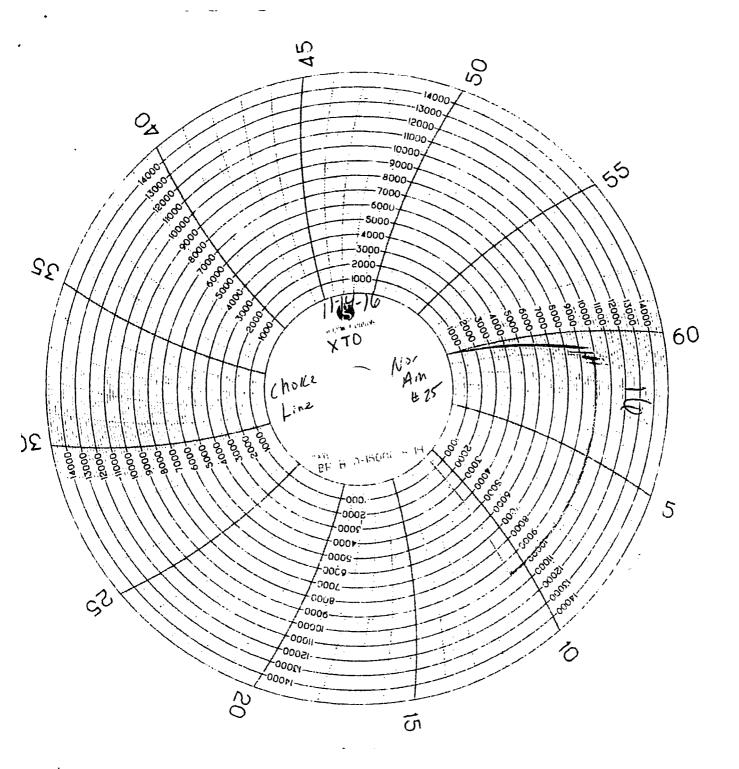
GRADE D PRESSURE TEST CERTIFICATE

Customer :	AUSTIN DISTRIBUTING	Test Data:	6/5/201-1	
Castomer Ref. :	PENDING	Hose Senal No.:		
nvaice No. :	201709	- ''' }	D-060814-1	
<u> </u>		Created By:	MORI-IA	
Product Description:		FD3.042.0R41/16.5KFLGE/E	LE	
		FD3.042.0R41/16.5KFLGE/E	LE	
ind Fitting 1:	-1 1/16 m.SK FLG			
Product Description: End Pitting 1 : Sales Part No. : Verking Pressure :	4 1/16 m.5K FLG 4774-6001	FD3.042.0R41/16.5KFLGE/E End Fitting 2 · Assembly Code :	4 1/16 in.5K FLG £33090011513D-060814-1	

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.

	1/		
Quarter Draw : Signature :	QUALITY // \ b/8/2UAF// // W//// / //S/J	Technical Supervisor : Date : Signature :	PRODUCTION ——6/8/2014

Form PTC | 01 Rev.0 2



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