

State of New Mexico
Energy, Minerals & Natural Resources

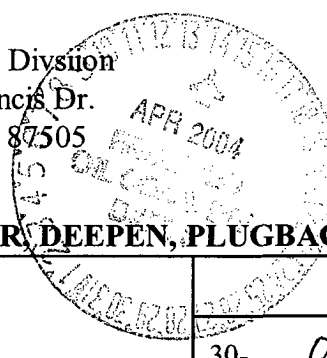
Form C-101
Revised March 17, 1999

District I
4625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address XTO Energy Inc. 2700 Farmington Ave., Bldg. K. Ste 1		² OGRID Number 167067
⁴ Property Code 22631	⁵ Property Name RB Sullivan	³ API Number 30-045-32300
		⁶ Well No. #4

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	11	27N	10W		1,750'	North	665'	East	San Juan

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Basin Dakota					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 6,007' Ground Level
¹⁶ Multiple No	¹⁷ Proposed Depth 6,900'	¹⁸ Formation Dakota	¹⁹ Contractor Aztec Well Service	²⁰ Spud Date Summer, 2004

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	32.3#/ft	320'	+150 sx	Surface
7-7/8"	4-1/2"	10.5 #/ft	6,900'	+1,000 sx	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Dril to 320'. Cmt 9-5/8" csg w/150 sx Type III cmt w/2% CC & 1/4#/sx cello (14.5 ppg, 1.39 cuft, 6.8 gal/sx).
Set 4-1/2" csg @ 7,100'. Cmt first stg (lead) w/320 sx Cl H w/4% gel, 2% Phenoseal, 1/4#/sx cello, 0.5% FL & 0.25% disp (14.7 ppg, 1.38 cuft, 6.7 gal/sx) followed by 110 sx Cl H w/2% econolite, 2% Phenoseal & 1/4# celloflake (11.8 ppg, 1.96 cuft, 14.7 gal/sx). Cement second stg w/220 sx Premium Lite HS w/2% KCl, 2% Phenoseal & 1/4# cello (12.5 ppg, 2.01 cuft, 10.7 gal/sx) followed by 350 sx Type III w/3% econolite, 2% Phenoseal & 1/4# cello (11.4 ppg, 2.83 cuft, 17.6 gal/sx).
Final volume will be obtained from caliper log +40%. See attached BOP diagram.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Jeffrey W. Patton</i> 4/14/04		Approved by: <i>[Signature]</i>	
Printed name: Jeffrey W. Patton		Title: DEPUTY OIL & GAS INSPECTOR, DIST. #4	
Title: Drilling Engineer		Approval Date: APR 14 2004	Expiration Date: APR 14 2005
Date:	Phone:	Conditions of Approval:	
		Attached <input type="checkbox"/>	

✓

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30045-32300	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 22631	⁵ Property Name R B SULLIVAN	⁶ Well Number 4
⁷ GRID No. 167DL7	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 6007'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	11	27-N	10-W		1750	NORTH	665	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320	¹³ Joint or Infill N/Z	¹⁴ Consolidation Code I	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ SEC. CORNER FD 2 1/2" BC 1913 U.S.G.L.O.	N 89-54-51 W	5263.5' (M)	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <u>JW Patton</u> Printed Name <u>JEREMY W PATTON</u> Title <u>DRILLING ENGINEER</u> Date <u>4-13-04</u>
		SEC. CORNER FD 2 1/2" BC 1913 U.S.G.L.O.	
		LAT: 36°35'32" N. (NAD 27) LONG: 107°51'28" W. (NAD 27)	
		11	
		1750'	
		665'	
		5280.5' (M)	
		00-00-24 E	
		SEC. CORNER FD 2 1/2" BC 1913 U.S.G.L.O.	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey <u>4-13-04</u> Signature and Title of Professional Surveyor: <u>NEW MEXICO</u> <u>REGISTERED PROFESSIONAL SURVEYOR</u> <u>14831</u> Certificate Number

BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

TESTING PROCEDURE

1. Test BOP after installation:

Pressure test BOP to 200-300
psig (low pressure) for 5 min.

Test BOP to Working Press or
to 70% internal yield of surf csg
(10 min).

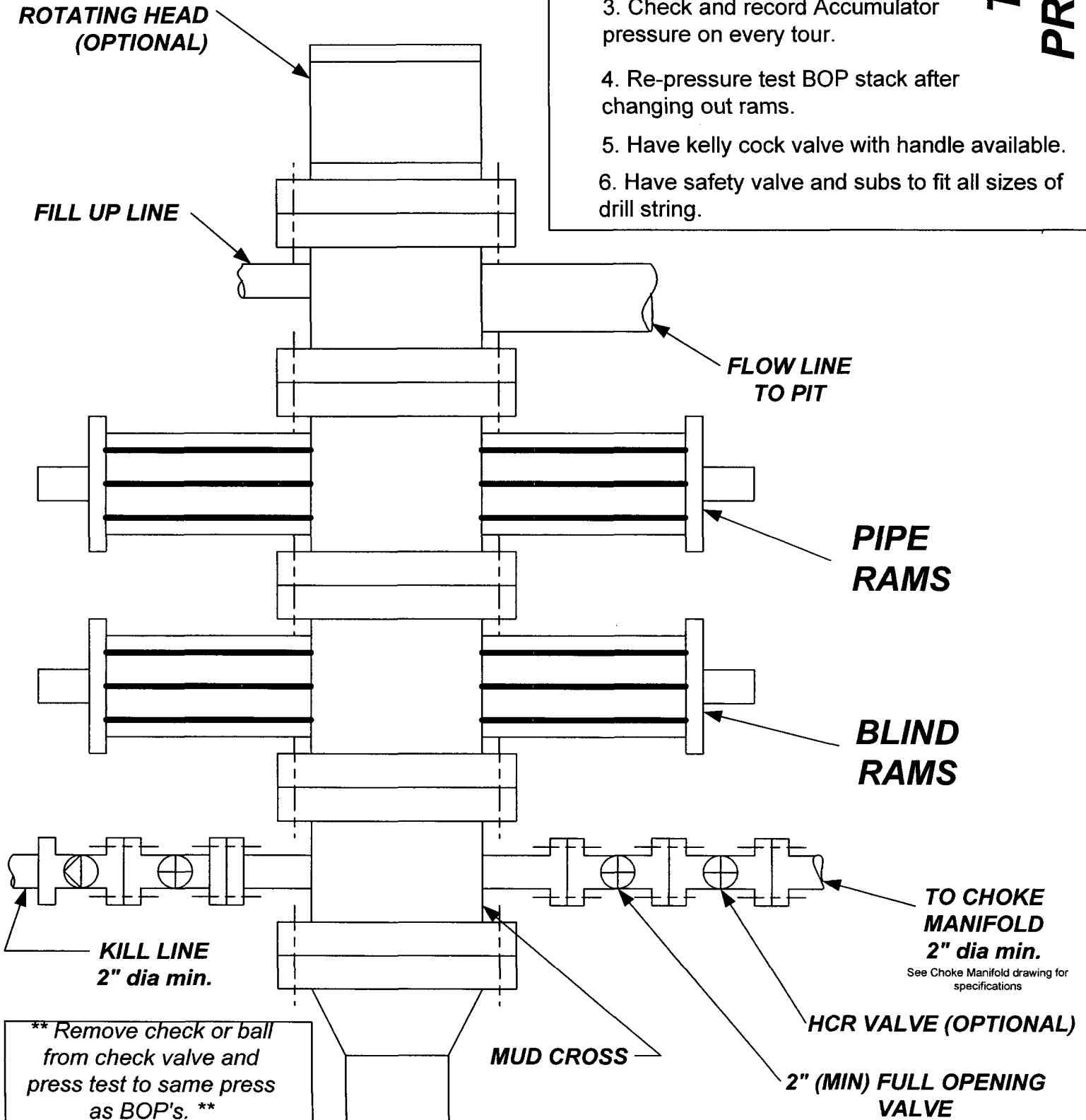
2. Test operation of (both) rams on every trip.

3. Check and record Accumulator pressure on every tour.

4. Re-pressure test BOP stack after changing out rams.

5. Have kelly cock valve with handle available.

6. Have safety valve and subs to fit all sizes of drill string.



CHOKE MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

1. Stake all lines from choke manifold to pit.
2. Pressure test choke manifold after installation.
3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.

TESTING PROCEDURE

