

1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ 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 FARMINGTON, NM 87401		² OGRID Number 167067
		³ API Number 30 - 001 - 20011
⁴ Property Code 34233	⁵ Property Name WESTLAND "2"	⁶ Well No. #1
⁹ Proposed Pool 1 WILDCAT MORRISON		¹⁰ Proposed Pool 2

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
M	2	10N	01W		800'	SOUTH	800'	WEST	BERNALILLO

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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P (FEE)	¹⁵ Ground Level Elevation 5,396' GROUND LEVEL
¹⁶ Multiple NO	¹⁷ Proposed Depth 5,175'	¹⁸ Formation MORRISON	¹⁹ Contractor UNITED DRILLING	²⁰ Spud Date WITHIN 30 DAYS
Depth to Groundwater GREATER THAN 100'		Distance from nearest fresh water well OVER 1 MILE		Distance from nearest surface water OVER 3 MILES
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: ROTARY DRILLING WITH MUD				
Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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"	36.0#/FT	360' KB	200 SX	SURFACE
7-7/8"	5-1/2"	17.0#/FT	5,175' KB	700 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.

Drill to 360' KB. Run new 9-5/8" casing. Cement casing w/±200 sx Type III cement w/2% CC & 1/4#/sx cello (mixed at 14.5 ppg & 1.41 cuft/sx). Continue to pump cement to surface until cement is circ to surface. Disp cement with fresh water. NU BOPE. Mix mud. Drill ahead with 7-7/8" open hole.

Drill to 5,175' KB (TD). Log well. Run new 5-1/2", 17.0#, J-55, LT&C casing to bottom. Cement casing with (lead) ±550 sx Premium Lite cement with 6% gel, dispaersant, fluid loss & 1/4#/sx celloflake (mixed at 12.5 ppg & 2.07 cuft/sx) followed by (tail) 150 sx Class "H" cement with dispersant, fluid loss and bonding additives (mixed at 15.6 ppg & 1.18 cuft/sx). Attempt to circ cement to surface.

See enclosed drawing for BOP stack configuration.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Jeffrey W. Patton

Title: Drilling Engineer

E-mail Address: Jeff_Patton@xtoenergy.com

Date: 8/23/04

Phone: (505) 324-1090

OIL CONSERVATION DIVISION

Approved by:

Title:

DISTRICT SUPERVISOR

Approval Date: 8/25/04

Expiration Date: 8/25/05

Conditions of Approval Attached ☐

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

DISTRICT 1
1625 N. French Dr., Hobbs, N.M. 88240

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

1981-1982

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		2 Pool Code		3 Pool Name WILDCAT MORELSON	
4 Property Code		5 Property Name WESTLAND 2			6 Well Number 1
7 OGRID No. 167067		8 Operator Name XTO ENERGY INC.			9 Elevation 5396

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
M	2	10-N	1-W		800	SOUTH	800	WEST	BERNALILLO

¹¹ Bottom Hole Location If Different From Surface

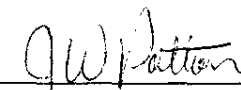
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
13 Dedicated Acres 160			13 Joint or Infill		14 Consolidation Code		15 Order No.		

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 PROJ'D. SEC. CORNER		
N 00-04-16 E 5284.6' (C)	2	
	LAT: 35°07'08.0" N. (NAD 27) LONG: 106°55'05.1" W. (NAD 27)	
800' PROJ'D. SEC. CORNER	N 89-43-55 W 5282.6' (C)	PROJ'D. SEC. CORNER

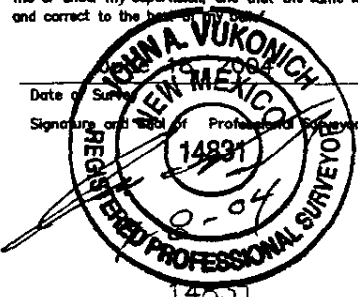
17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief


 Signature
 JEFFREY W. PATTON
 Printed Name
 DRILLING ENGINEER
 Title
 6-24-04
 Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot 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

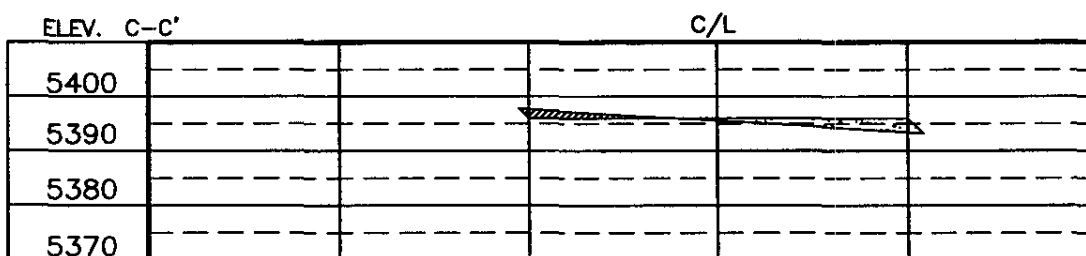
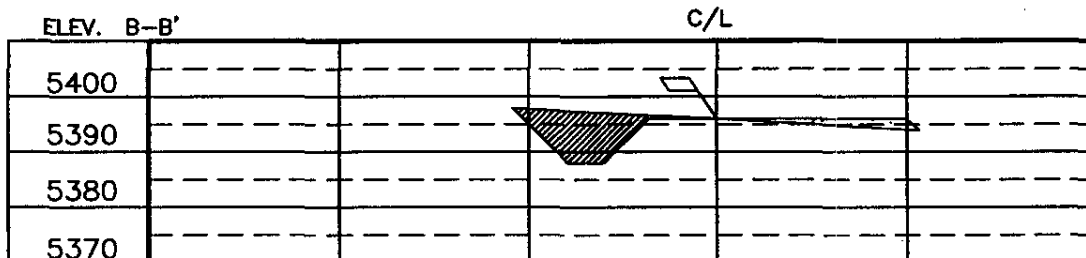

 Date of Survey
 Signature and Seal of Registered Professional Surveyor

Certificate Number

LAT. = 35°07'08.0" N.
LONG. = 106°55'05.1" W
NAD 27




ELEV. A-A'	C/L
5400	
5390	
5380	
5370	



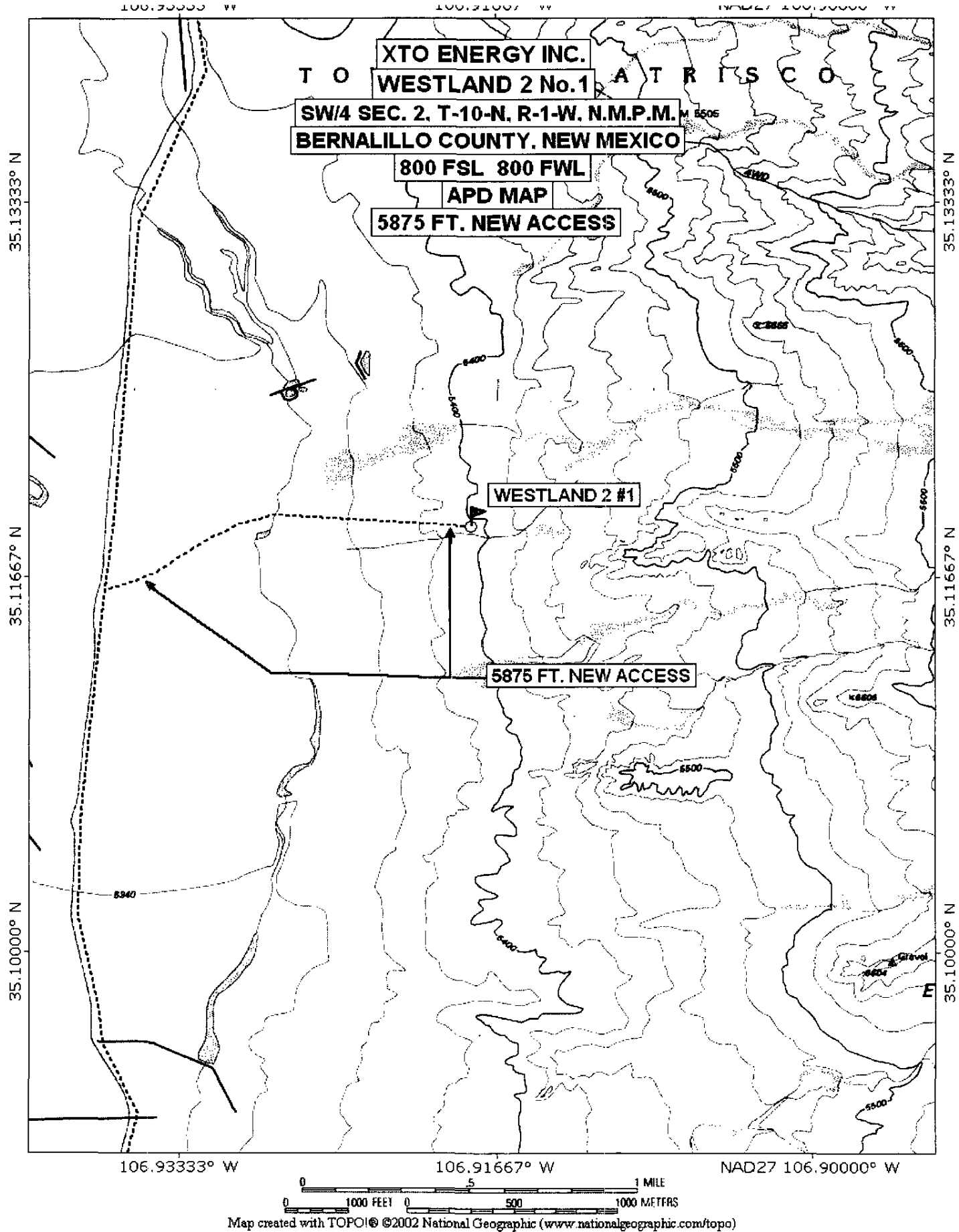
NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISION	DATE	REASON

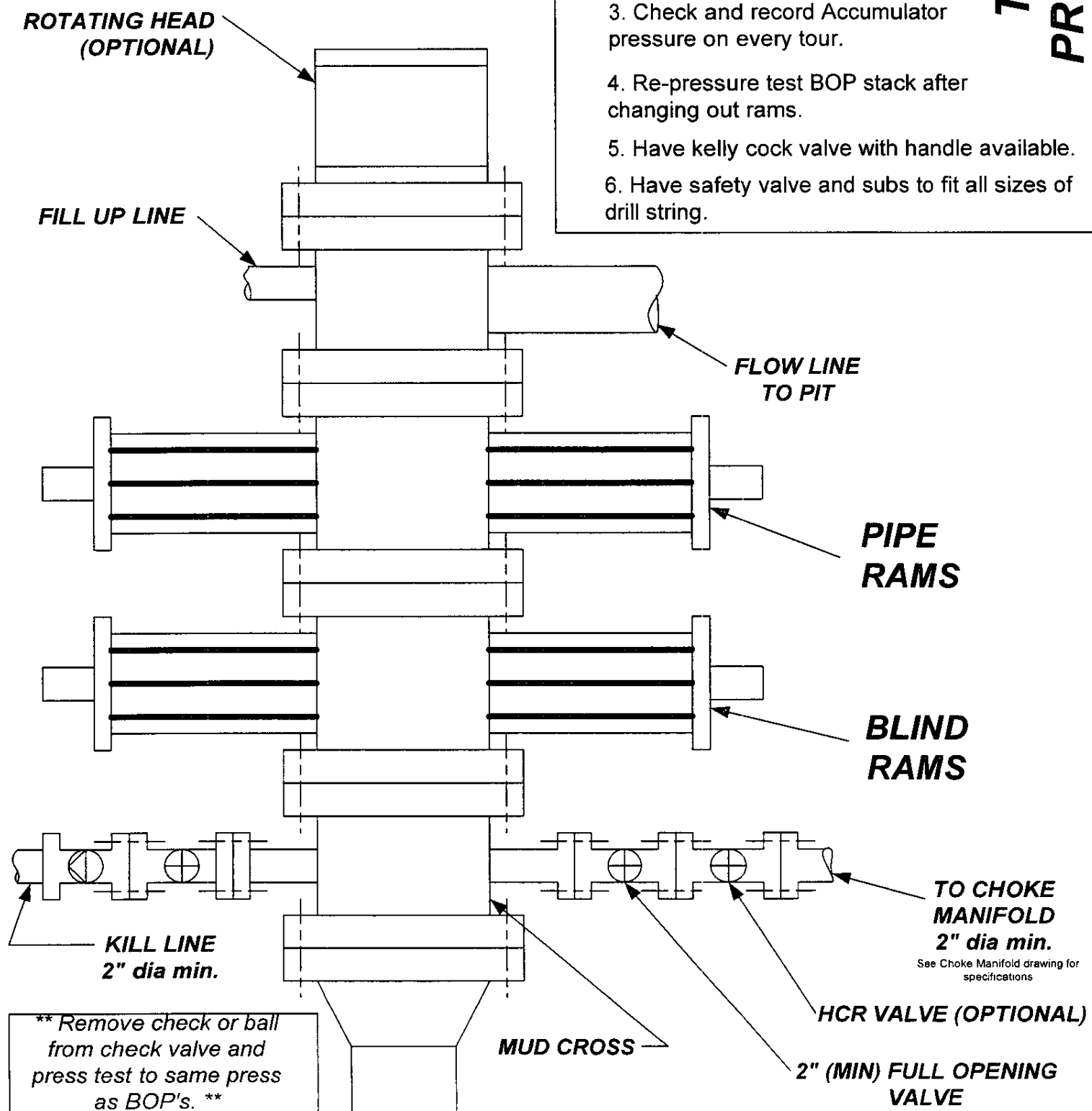


Daggett Enterprises, Inc.
Surveying and Oil Field Services
 P. O. Box 15068 • Farmington, NM 87401
 Phone (505) 326-1772 • Fax (505) 326-6019

NEW MEXICO U.S. No. 14831						
<table border="1"> <tr> <td>OWNER</td> <td>DATE</td> </tr> <tr> <td>DOWN TOWN Bldg.</td> <td>DATE 07/07/04</td> </tr> <tr> <td>WORK ORDER</td> <td>DATE 07/07/04</td> </tr> </table>	OWNER	DATE	DOWN TOWN Bldg.	DATE 07/07/04	WORK ORDER	DATE 07/07/04
OWNER	DATE					
DOWN TOWN Bldg.	DATE 07/07/04					
WORK ORDER	DATE 07/07/04					



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



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.

TESTING PROCEDURE

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

