HOBBS OCD

AT5-12-1123

FEB 1 3 2013

OCD Hobbs

Form 3160-3
(March 2012)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. NM-18848	
6. If Indian, Allotee or Tribe Name	
1a. Type of work: ☑ DRILL ☐ REENTER	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other ☑ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. SDE 18 FED 8H <39721>
2. Name of Operator XTO ENERGY, INC. <53807>	9. API Well No. 30-025-40992
3a. Address 200 N. LORAINE, SUITE 800 MIDLAND, TX. 79701	3b. Phone No. (include area code) 432-620-4323 (CHIP AMROCK)
	10. Field and Pool, or Exploratory <53800> Sand Dunes, Bone Spring
4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface 350 FSL & 660 FWL At proposed prod. zone 350 FNL & 660 FWL	11. Sec., T. R. M. or Blk. and Survey or Area SECTION 18, T. 23 S., R. 32 E.
14. Distance in miles and direction from nearest town or post office* 21 MILES NORTHEAST OF MALAGA, NM	12. County or Parish LEA / 13. State NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660' (SHL) 350' (BHL)	16. No. of acres in lease 1954.13	17. Spacing Unit dedicated to this well 160 ~~185~~ .28
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 700' (SHL) 5590' (BHL)	19. Proposed Depth TVD: 8409' MD: 12,738'	20. BLM/BIA Bond No. on file UTB000138
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3565' GL	22. Approximate date work will start*	23. Estimated duration 30 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature Barry W. Hunt	Name (Printed/Typed) BARRY W. HUNT	Date 8/17/12
Title PERMIT AGENT FOR XTO ENERGY, INC.		
Approved by (Signature) /s/ Don Peterson	Name (Printed/Typed)	Date FEB 13 2013
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached. APPROVAL FOR TWO YEARS

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Carlsbad Controlled Water Basin

Approval Subject to General Requirements & Special Stipulations Attached

SEE ATTACHED FOR CONDITIONS OF APPROVAL

FEB 14 2013

XTO ENERGY, INC.
DRILLING PLAN

SDE 18 Federal 8H
SHL: 350 FSL & 660 FWL
Unit "M" Section 18, T. 23 S., R. 32 E.
BHL: 350 FNL & 660 FWL
Unit "D" Section 18, T. 23 S., R. 32 E.
Lea County, NM

1. The elevation of the unprepared ground is 3565' feet above sea level.

2. The geologic name of the surface formation is Quaternary - Alluvium.

3. A rotary rig will be utilized to drill the well to 12738'MD and run casing. This equipment will then be rigged down and the well will be completed with a workover rig.

4. Proposed total depth is MD: 12738'/TVD: 8,409'.

5. Estimated tops of important geologic markers:

Quaternary – Alluvium	Surface*
Rustler	969'
Top of Salt	1287'
Base of Salt	4361'
Base Castile	4598'
Bell Canyon	4623'
Cherry Canyon	5509'
Brushy Canyon	7193'
Basal Brushy Canyon	8162'
Brushy Canyon E3	8263'
Brushy Canyon E5	8364'
TVD	8409' (150 degree F)

*Water at 180 ft.

6. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Bell Canyon	Oil (2,034 psi)
Cherry Canyon	Oil (2,424 psi)
Brushy Canyon	Oil (3,165 psi)
TVD	Oil (3,700 psi)

7. CASING PROGRAM:

Hole Size	Depth	OD Csg.	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
17-1/2"	0' – ~~1000'~~ 1020	13-3/8"	48#	STC	H-40	New	3.3	1.41	4.87
12-1/4"	0' – ~~4650'~~ 4550	9-5/8"	40#	LTC	HCL-80	New	2.11	1.56	3.26
8-3/4"	0' – 9000'	7"	26#	LTC	HCP-110	New	2.25	1.76	2.18
6-1/8"	8500' –12738'	4-1/2"	11.6#	LTC	P-110	New	2.42	1.71	1.98

8. CEMENT PROGRAM: (Note yields and DV tool depths if multiple stages)

i. Surface Cement:

Lead Slurry: Lead with 580 sks ExtendaCem - CZ (13.7 ppg, 1.68 cu ft/sk, 8.72 gal wtr/sk)

Tail Slurry: Tail-in with 340 sks HalCem – C, 2 % Calcium Chloride - Flake (Accelerator) (14.8 ppg, 1.35 cu ft/sk, 6.39 gal wtr/sk)

100% excess. Cement to surface.

ii. Intermediate Cement:

Lead Slurry: Lead with 1255 sks, EconoCem – HLC, 5 % Salt (Salt), 5 lbm/sk Kol-Seal (Lost Circulation Additive) (12.9 ppg, 1.88 ft^3/sk, 9.61 gal wtr/sk)

Tail Slurry: Tail-in with 250 sks, HalCem – C (14.8 ppg, 1.33 cu ft/sk, 6.34 gal wtr/sk)

100% excess. Cement to surface.

iii. Production Cement:

1st stage: Lead Slurry: Lead with 140 sks, CorrosaCem – H,0.4 % CFR-3 (Dispersant), 5 lbm/sk, Kol-Seal (Lost Circulation Additive), 0.25 lbm/sk D-AIR 5000 (Defoamer), 0.1 % H R-800 (Retarder) (14.4 ppg, 1.23 ft^3/sk, 5.09 gal wtr/sk)

Tail Slurry: Tail-in with 255 sks, HalCem – H, 0.5 % LAP-1 (Low Fluid Loss Control), 0.25 % CFR-3 (Dispersant), 5 lbm/sk Kol-Seal (Lost Circulation Additive), 0.25 lbm/sk D-AIR 5000 (Defoamer), 0.1 % HR-800 (Retarder) (15.8 ppg, 1.18 ft^3/sk, 4.8 gal/sx wtr)
1st DV tool - 6650'.

2nd Stage: Lead Slurry: 205 sks EconoCem – H, 0.1 % HR-601 (Retarder) (12.90 ppg, yield: 1.86 ft^3/sk, 9.96 Gal/sk wtr)

Tail Slurry: Tail-in with 100 sks HalCem – H (15.6 ppg, 1.19 ft^3/sk, 5.39 gal/sx wtr) 50% excess. Cement tie back 200 feet inside 9-5/8" casing.

iv. Liner Cement:

Halliburton swell packers will be installed on the 4-1/2" casing

9. PRESSURE CONTROL EQUIPMENT:

The blow out preventer equipment (BOP) diagram is attached to this Drilling Plan. The blowout preventer stack for the intermediate and production hole will consist of a double ram blowout preventer and annular preventer rated to 5000 psi working pressure. All BOP's and accessory equipment will be tested according to Onshore Order #2 before drilling out. A hydraulic closing unit will be a part of this equipment and will be function tested daily.

10. PROPOSED MUD CIRCULATION SYSTEM:

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' to 1000' 1020	17-1/2"	FW/Native	8.8 – 9.3	35-40	NC
1000' to 4650' 4550	12-1/4"	Brine/ Gel Sweeps	9.8 – 10.0	30-32	NC
4650' to 9000'	8-3/4"	FW/Polymer Sweeps	8.8-9.4	29-32	NC-20
9000'-12738'	6-1/8"	FW/Polymer Sweeps	8.8-9.4	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 13-3/8" surface casing with brine solution. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. 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.

11. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

i. A kelly cock will be in the drill string at all times.
ii. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
iii. Hydrogen sulfide detection equipment and breathing equipment will be in operation from drilling out the 9-5/8" casing shoe until the 7" casing is cemented.

12. LOGGING, CORING AND TESTING PROGRAM: See COA

A. Potential drill stem tests will be based on geological sample shows.
B. No coring is anticipated.
C. Mudlogger unit will be on and working from 4650' to TD.
D. Open hole logging to include Density/Neutron/PE/Dual Laterlog/Spectral Gamma from TD to intermediate casing, with Neutron/Gamma continuing to surface.

13. ABNORMAL PRESSURES AND TEMPERATURES / POTENTIAL HAZARDS:

No abnormal pressures are anticipated. Max bottom hole pressure should not exceed 3700 psi. BHT of 150° F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. An H2S contingency plan has also been submitted with this application. 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. Should any abnormal or hazardous circumstances be encountered personnel on location will take necessary steps to ensure safety of all personnel and environment. BHP=3700. BHT=150 degrees.

14. SPECIAL INSTRUCTIONS:

A. Reports will be filled out on the XTO Drilling Report form, and the Casing/Cementing Detail Forms provided.

B. Deviation:
   Surface Hole: Maximum of 1° and not more than 1° change per 100'.
   Production Hole: Maximum of 4° and not more than 1.5° change per 100'.
   Note: Maximum distance between surveys is 500'.

C. WOC a minimum of 18 hours or before cement gains compressive strength of 500 psi, whichever is greater, before drilling out shoe joint on surface casing string. Use minimal WOB and RPM until drill collars are below the shoe joints.

D. Check BOP blind rams each trip and pipe rams each day. Strap out of hole for logging and/or casing jobs.

E. A trash trailer will be provided on each location. Keep trash picked up and the location as clean as possible. All drilling line, oil filters, etc. should be hauled away at the Drilling Contractor's expense. At the conclusion of drilling operations, the contents of the trash trailer will be disposed of into a commercial sanitary landfill.

XTO ENERGY

Project: Lea County
Site: SDE Federal
Well: #8H
Wellbore: OH
Plan: Plan #1 (#8H/OH)

Azimuths to Grid North
True North: -0.33°
Magnetic North: 7.19°

Magnetic Field
Strength: 48574.0snT
Dip Angle: 60.23°
Date: 7/23/2012
Model: IGRF200510

PATHFINDER®
A Schlumberger Company

PROJECT DETAILS: Lea County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

WELL DETAILS: #8H

Ground Elevation:: 3565.0
RKB Elevation: KB = 17' @ 3582.0usft (Pioneer 33)
Rig Name: Pioneer 33

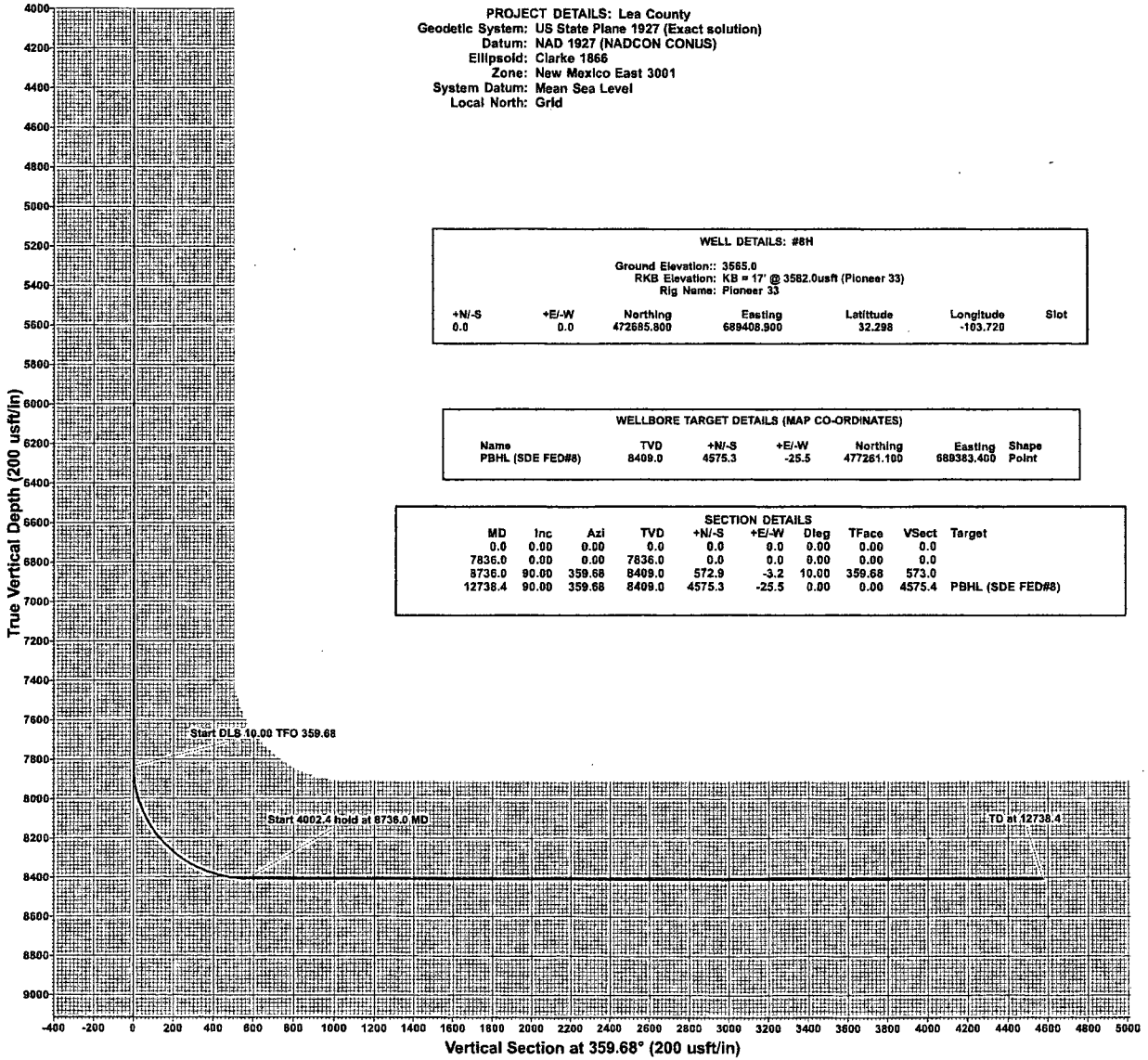
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	472685.800	689408.900	32.298	-103.720	

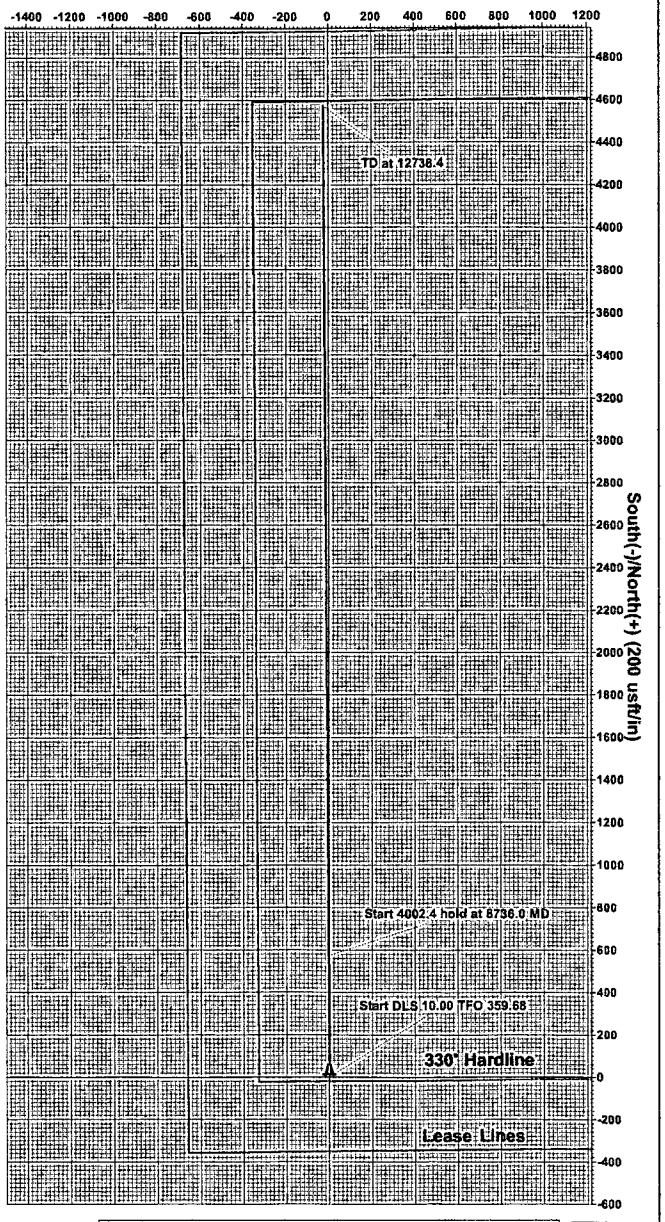
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL (SDE FED#8)	8409.0	4575.3	-25.5	477261.100	689383.400	Point

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
7836.0	0.00	0.00	7836.0	0.0	0.0	0.00	0.00	0.0	
8736.0	90.00	359.68	8409.0	572.9	-3.2	10.00	359.68	573.0	
12738.4	90.00	359.68	8409.0	4575.3	-25.5	0.00	0.00	4575.4	PBHL (SDE FED#8)





Plan: Plan #1 (#8H/OH)
Created By: Michael Trout Date: 12:46, July 25 2012
Checked: _____ Date: _____

XTO Energy Co
Lea County
SDE Federal
#8H
Pioneer 33
OH
Plan #1

XTO ENERGY

XTO Energy Co

Lea County
SDE Federal
#8H
OH

Plan: Plan #1

PathfinderX & Y Report

27 July, 2012

PATHFINDER®
A Schlumberger Company

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Project Lea County

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site SDE Federal

Site Position:		**Northing:**	472,685.800 usft	**Latitude:**	32.298
From:	Map	**Easting:**	689,408.900 usft	**Longitude:**	-103.720
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.33 °

Well #8H

Well Position	**+N/-S**	0.0 usft	**Northing:**	472,685.800 usft	**Latitude:**	32.298
	+E/-W	0.0 usft	**Easting:**	689,408.900 usft	**Longitude:**	-103.720
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,565.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	7/23/2012	7.52	60.23	48,574

Design Plan #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.68

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Survey Tool Program **Date** 7/23/2012

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	7,832.0	Plan #1 (OH)	Gyro	GYRO
7,832.0	12,738.4	Plan #1 (OH)	MWD	MWD - Standard

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
0.0	0.00	0.00	0.0	-3,582.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
100.0	0.00	0.00	100.0	-3,482.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
200.0	0.00	0.00	200.0	-3,382.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
300.0	0.00	0.00	300.0	-3,282.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
400.0	0.00	0.00	400.0	-3,182.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
500.0	0.00	0.00	500.0	-3,082.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
600.0	0.00	0.00	600.0	-2,982.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
700.0	0.00	0.00	700.0	-2,882.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
800.0	0.00	0.00	800.0	-2,782.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
900.0	0.00	0.00	900.0	-2,682.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,000.0	0.00	0.00	1,000.0	-2,582.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,100.0	0.00	0.00	1,100.0	-2,482.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,200.0	0.00	0.00	1,200.0	-2,382.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,300.0	0.00	0.00	1,300.0	-2,282.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,400.0	0.00	0.00	1,400.0	-2,182.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,500.0	0.00	0.00	1,500.0	-2,082.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,600.0	0.00	0.00	1,600.0	-1,982.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,700.0	0.00	0.00	1,700.0	-1,882.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,800.0	0.00	0.00	1,800.0	-1,782.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
1,900.0	0.00	0.00	1,900.0	-1,682.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,000.0	0.00	0.00	2,000.0	-1,582.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,100.0	0.00	0.00	2,100.0	-1,482.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,200.0	0.00	0.00	2,200.0	-1,382.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,300.0	0.00	0.00	2,300.0	-1,282.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,400.0	0.00	0.00	2,400.0	-1,182.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,500.0	0.00	0.00	2,500.0	-1,082.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,600.0	0.00	0.00	2,600.0	-982.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,700.0	0.00	0.00	2,700.0	-882.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,800.0	0.00	0.00	2,800.0	-782.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
2,900.0	0.00	0.00	2,900.0	-682.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,000.0	0.00	0.00	3,000.0	-582.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,100.0	0.00	0.00	3,100.0	-482.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,200.0	0.00	0.00	3,200.0	-382.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,300.0	0.00	0.00	3,300.0	-282.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,400.0	0.00	0.00	3,400.0	-182.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,500.0	0.00	0.00	3,500.0	-82.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,600.0	0.00	0.00	3,600.0	18.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,700.0	0.00	0.00	3,700.0	118.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,800.0	0.00	0.00	3,800.0	218.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
3,900.0	0.00	0.00	3,900.0	318.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,000.0	0.00	0.00	4,000.0	418.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,100.0	0.00	0.00	4,100.0	518.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,200.0	0.00	0.00	4,200.0	618.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,300.0	0.00	0.00	4,300.0	718.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,400.0	0.00	0.00	4,400.0	818.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,500.0	0.00	0.00	4,500.0	918.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,600.0	0.00	0.00	4,600.0	1,018.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,700.0	0.00	0.00	4,700.0	1,118.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
4,800.0	0.00	0.00	4,800.0	1,218.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
4,900.0	0.00	0.00	4,900.0	1,318.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,000.0	0.00	0.00	5,000.0	1,418.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,100.0	0.00	0.00	5,100.0	1,518.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,200.0	0.00	0.00	5,200.0	1,618.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,300.0	0.00	0.00	5,300.0	1,718.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,400.0	0.00	0.00	5,400.0	1,818.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,500.0	0.00	0.00	5,500.0	1,918.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,600.0	0.00	0.00	5,600.0	2,018.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,700.0	0.00	0.00	5,700.0	2,118.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,800.0	0.00	0.00	5,800.0	2,218.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
5,900.0	0.00	0.00	5,900.0	2,318.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,000.0	0.00	0.00	6,000.0	2,418.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,100.0	0.00	0.00	6,100.0	2,518.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,200.0	0.00	0.00	6,200.0	2,618.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,300.0	0.00	0.00	6,300.0	2,718.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,400.0	0.00	0.00	6,400.0	2,818.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,500.0	0.00	0.00	6,500.0	2,918.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,600.0	0.00	0.00	6,600.0	3,018.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,700.0	0.00	0.00	6,700.0	3,118.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,800.0	0.00	0.00	6,800.0	3,218.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
6,900.0	0.00	0.00	6,900.0	3,318.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,000.0	0.00	0.00	7,000.0	3,418.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,100.0	0.00	0.00	7,100.0	3,518.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,200.0	0.00	0.00	7,200.0	3,618.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,300.0	0.00	0.00	7,300.0	3,718.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,400.0	0.00	0.00	7,400.0	3,818.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
7,500.0	0.00	0.00	7,500.0	3,918.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,600.0	0.00	0.00	7,600.0	4,018.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,700.0	0.00	0.00	7,700.0	4,118.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,800.0	0.00	0.00	7,800.0	4,218.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,836.0	0.00	0.00	7,836.0	4,254.0	0.0	0.0	0.0	0.00	472,685.80	689,408.90
7,850.0	1.40	359.68	7,850.0	4,268.0	0.2	0.0	0.2	10.00	472,685.97	689,408.90
7,900.0	6.40	359.68	7,899.9	4,317.9	3.6	0.0	3.6	10.00	472,689.37	689,408.88
7,950.0	11.40	359.68	7,949.2	4,367.2	11.3	-0.1	11.3	10.00	472,697.10	689,408.84
8,000.0	16.40	359.68	7,997.8	4,415.8	23.3	-0.1	23.3	10.00	472,709.11	689,408.77
8,050.0	21.40	359.68	8,045.1	4,463.1	39.5	-0.2	39.5	10.00	472,725.30	689,408.68
8,100.0	26.40	359.68	8,090.8	4,508.8	59.8	-0.3	59.8	10.00	472,745.55	689,408.57
8,150.0	31.40	359.68	8,134.5	4,552.5	83.9	-0.5	83.9	10.00	472,769.71	689,408.43
8,200.0	36.40	359.68	8,176.0	4,594.0	111.8	-0.6	111.8	10.00	472,797.59	689,408.28
8,250.0	41.40	359.68	8,214.9	4,632.9	143.2	-0.8	143.2	10.00	472,828.97	689,408.10
8,300.0	46.40	359.68	8,250.9	4,668.9	177.8	-1.0	177.8	10.00	472,863.63	689,407.91
8,350.0	51.40	359.68	8,283.8	4,701.8	215.5	-1.2	215.5	10.00	472,901.30	689,407.70
8,400.0	56.40	359.68	8,313.2	4,731.2	255.9	-1.4	255.9	10.00	472,941.68	689,407.47
8,450.0	61.40	359.68	8,339.0	4,757.0	298.7	-1.7	298.7	10.00	472,984.48	689,407.24
8,500.0	66.40	359.68	8,361.0	4,779.0	343.6	-1.9	343.6	10.00	473,029.37	689,406.99
8,550.0	71.40	359.68	8,379.0	4,797.0	390.2	-2.2	390.2	10.00	473,076.00	689,406.73
8,600.0	76.40	359.68	8,392.9	4,810.9	438.2	-2.4	438.2	10.00	473,124.02	689,406.46
8,650.0	81.40	359.68	8,402.5	4,820.5	487.3	-2.7	487.3	10.00	473,173.07	689,406.18
8,700.0	86.40	359.68	8,407.8	4,825.8	537.0	-3.0	537.0	10.00	473,222.77	689,405.91
8,736.0	90.00	359.68	8,409.0	4,827.0	572.9	-3.2	573.0	10.00	473,258.74	689,405.71
8,800.0	90.00	359.68	8,409.0	4,827.0	636.9	-3.5	637.0	0.00	473,322.75	689,405.35
8,900.0	90.00	359.68	8,409.0	4,827.0	736.9	-4.1	737.0	0.00	473,422.75	689,404.79
9,000.0	90.00	359.68	8,409.0	4,827.0	836.9	-4.7	837.0	0.00	473,522.74	689,404.24

Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,100.0	90.00	359.68	8,409.0	4,827.0	936.9	-5.2	937.0	0.00	473,622.74	689,403.68
9,200.0	90.00	359.68	8,409.0	4,827.0	1,036.9	-5.8	1,037.0	0.00	473,722.74	689,403.12
9,300.0	90.00	359.68	8,409.0	4,827.0	1,136.9	-6.3	1,137.0	0.00	473,822.74	689,402.56
9,400.0	90.00	359.68	8,409.0	4,827.0	1,236.9	-6.9	1,237.0	0.00	473,922.74	689,402.01
9,500.0	90.00	359.68	8,409.0	4,827.0	1,336.9	-7.5	1,337.0	0.00	474,022.74	689,401.45
9,600.0	90.00	359.68	8,409.0	4,827.0	1,436.9	-8.0	1,437.0	0.00	474,122.74	689,400.89
9,700.0	90.00	359.68	8,409.0	4,827.0	1,536.9	-8.6	1,537.0	0.00	474,222.73	689,400.33
9,800.0	90.00	359.68	8,409.0	4,827.0	1,636.9	-9.1	1,637.0	0.00	474,322.73	689,399.78
9,900.0	90.00	359.68	8,409.0	4,827.0	1,736.9	-9.7	1,737.0	0.00	474,422.73	689,399.22
10,000.0	90.00	359.68	8,409.0	4,827.0	1,836.9	-10.2	1,837.0	0.00	474,522.73	689,398.66
10,100.0	90.00	359.68	8,409.0	4,827.0	1,936.9	-10.8	1,937.0	0.00	474,622.73	689,398.10
10,200.0	90.00	359.68	8,409.0	4,827.0	2,036.9	-11.4	2,037.0	0.00	474,722.73	689,397.55
10,300.0	90.00	359.68	8,409.0	4,827.0	2,136.9	-11.9	2,137.0	0.00	474,822.72	689,396.99
10,400.0	90.00	359.68	8,409.0	4,827.0	2,236.9	-12.5	2,237.0	0.00	474,922.72	689,396.43
10,500.0	90.00	359.68	8,409.0	4,827.0	2,336.9	-13.0	2,337.0	0.00	475,022.72	689,395.88
10,600.0	90.00	359.68	8,409.0	4,827.0	2,436.9	-13.6	2,437.0	0.00	475,122.72	689,395.32
10,700.0	90.00	359.68	8,409.0	4,827.0	2,536.9	-14.1	2,537.0	0.00	475,222.72	689,394.76
10,800.0	90.00	359.68	8,409.0	4,827.0	2,636.9	-14.7	2,637.0	0.00	475,322.72	689,394.20
10,900.0	90.00	359.68	8,409.0	4,827.0	2,736.9	-15.3	2,737.0	0.00	475,422.72	689,393.65
11,000.0	90.00	359.68	8,409.0	4,827.0	2,836.9	-15.8	2,837.0	0.00	475,522.71	689,393.09
11,100.0	90.00	359.68	8,409.0	4,827.0	2,936.9	-16.4	2,937.0	0.00	475,622.71	689,392.53
11,200.0	90.00	359.68	8,409.0	4,827.0	3,036.9	-16.9	3,037.0	0.00	475,722.71	689,391.97
11,300.0	90.00	359.68	8,409.0	4,827.0	3,136.9	-17.5	3,137.0	0.00	475,822.71	689,391.42
11,400.0	90.00	359.68	8,409.0	4,827.0	3,236.9	-18.0	3,237.0	0.00	475,922.71	689,390.86
11,500.0	90.00	359.68	8,409.0	4,827.0	3,336.9	-18.6	3,337.0	0.00	476,022.71	689,390.30
11,600.0	90.00	359.68	8,409.0	4,827.0	3,436.9	-19.2	3,437.0	0.00	476,122.70	689,389.74
11,700.0	90.00	359.68	8,409.0	4,827.0	3,536.9	-19.7	3,537.0	0.00	476,222.70	689,389.19

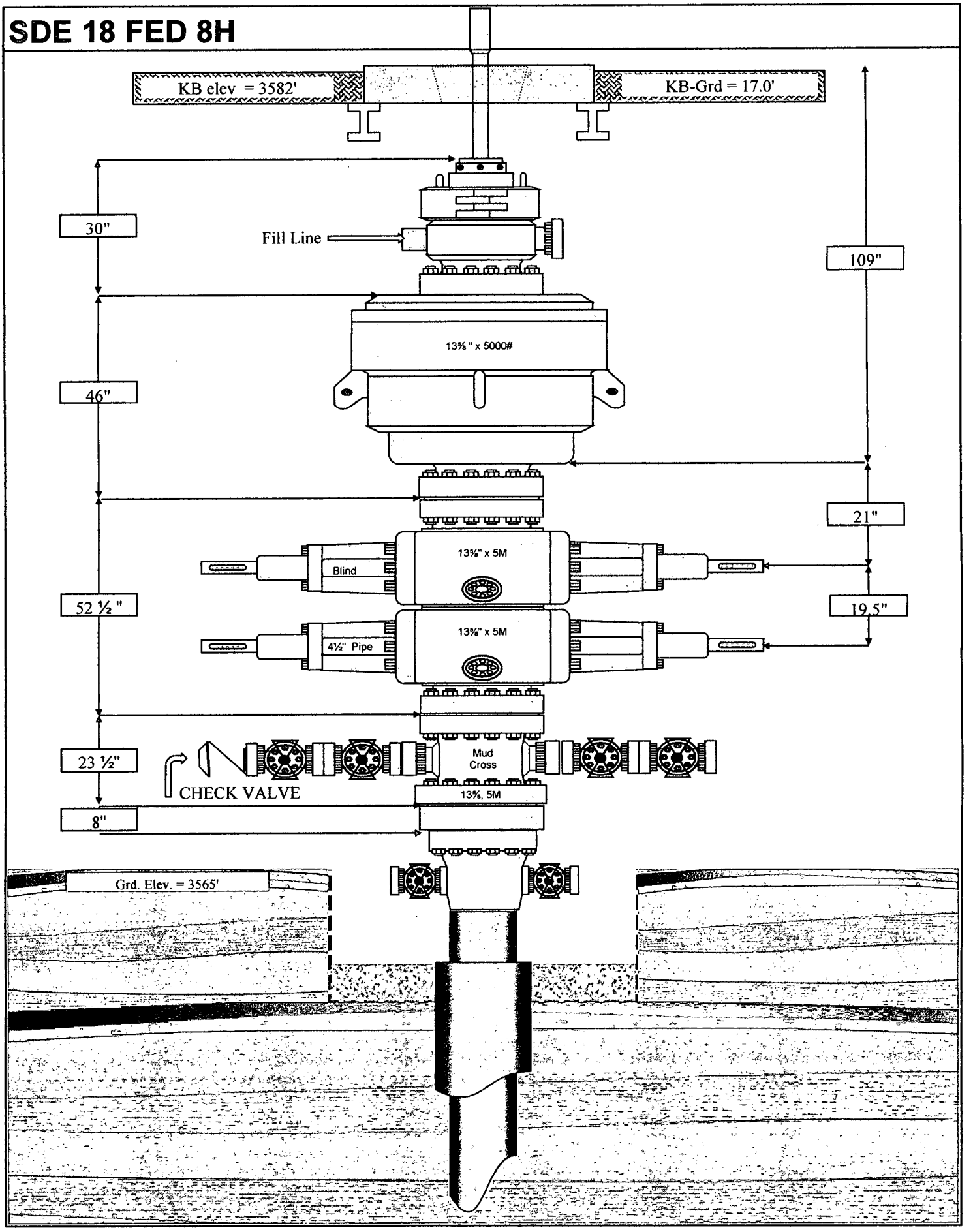
Company:	XTO Energy Co	**Local Co-ordinate Reference:**	Well #8H
Project:	Lea County	**TVD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Site:	SDE Federal	**MD Reference:**	KB = 17' @ 3582.0usft (Pioneer 33)
Well:	#8H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	Plan #1	**Database:**	EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
11,800.0	90.00	359.68	8,409.0	4,827.0	3,636.9	-20.3	3,637.0	0.00	476,322.70	689,388.63
11,900.0	90.00	359.68	8,409.0	4,827.0	3,736.9	-20.8	3,737.0	0.00	476,422.70	689,388.07
12,000.0	90.00	359.68	8,409.0	4,827.0	3,836.9	-21.4	3,837.0	0.00	476,522.70	689,387.52
12,100.0	90.00	359.68	8,409.0	4,827.0	3,936.9	-21.9	3,937.0	0.00	476,622.70	689,386.96
12,200.0	90.00	359.68	8,409.0	4,827.0	4,036.9	-22.5	4,037.0	0.00	476,722.70	689,386.40
12,300.0	90.00	359.68	8,409.0	4,827.0	4,136.9	-23.1	4,137.0	0.00	476,822.69	689,385.84
12,400.0	90.00	359.68	8,409.0	4,827.0	4,236.9	-23.6	4,237.0	0.00	476,922.69	689,385.29
12,500.0	90.00	359.68	8,409.0	4,827.0	4,336.9	-24.2	4,337.0	0.00	477,022.69	689,384.73
12,600.0	90.00	359.68	8,409.0	4,827.0	4,436.9	-24.7	4,437.0	0.00	477,122.69	689,384.17
12,700.0	90.00	359.68	8,409.0	4,827.0	4,536.9	-25.3	4,537.0	0.00	477,222.69	689,383.61
12,738.4	90.00	359.68	8,409.0	4,827.0	4,575.3	-25.5	4,575.4	0.00	477,261.10	689,383.40

Checked By: _____ Approved By: _____ Date: _____

SDE 18 FED 8H


KB elev = 3582'
KB-Grd = 17.0'
30"
Fill Line
109"
13⅝" x 5000#
46"
21"
13⅝" x 5M
Blind
52 ½ "
19.5"
13⅝" x 5M
4½" Pipe
23 ½"
Mud
Cross
CHECK VALVE
13⅝, 5M
8"
Grd. Elev. = 3565'

Drilling Operations
Choke Manifold
5M Service

Exhibit E-1 – Choke Manifold Diagram

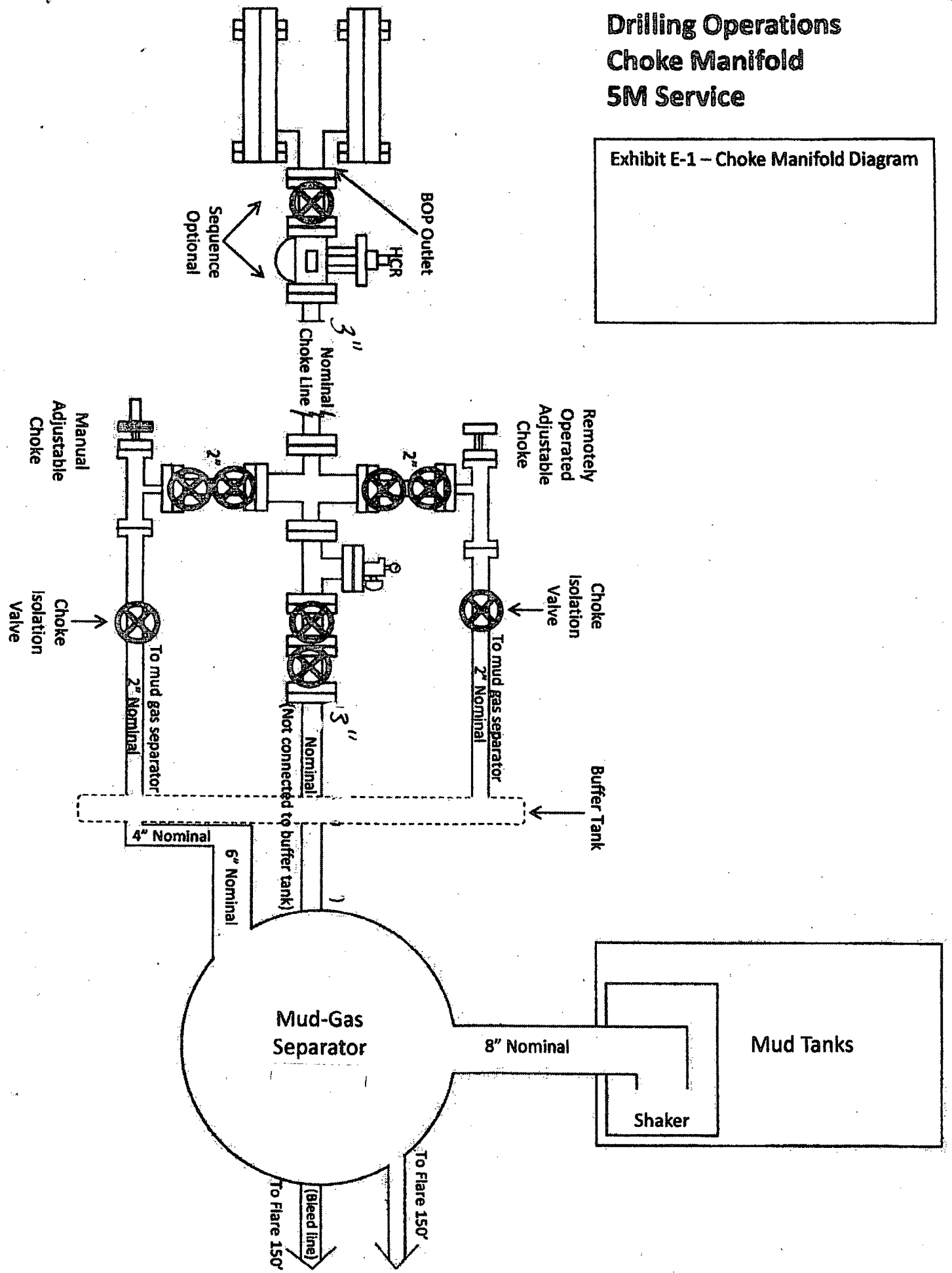
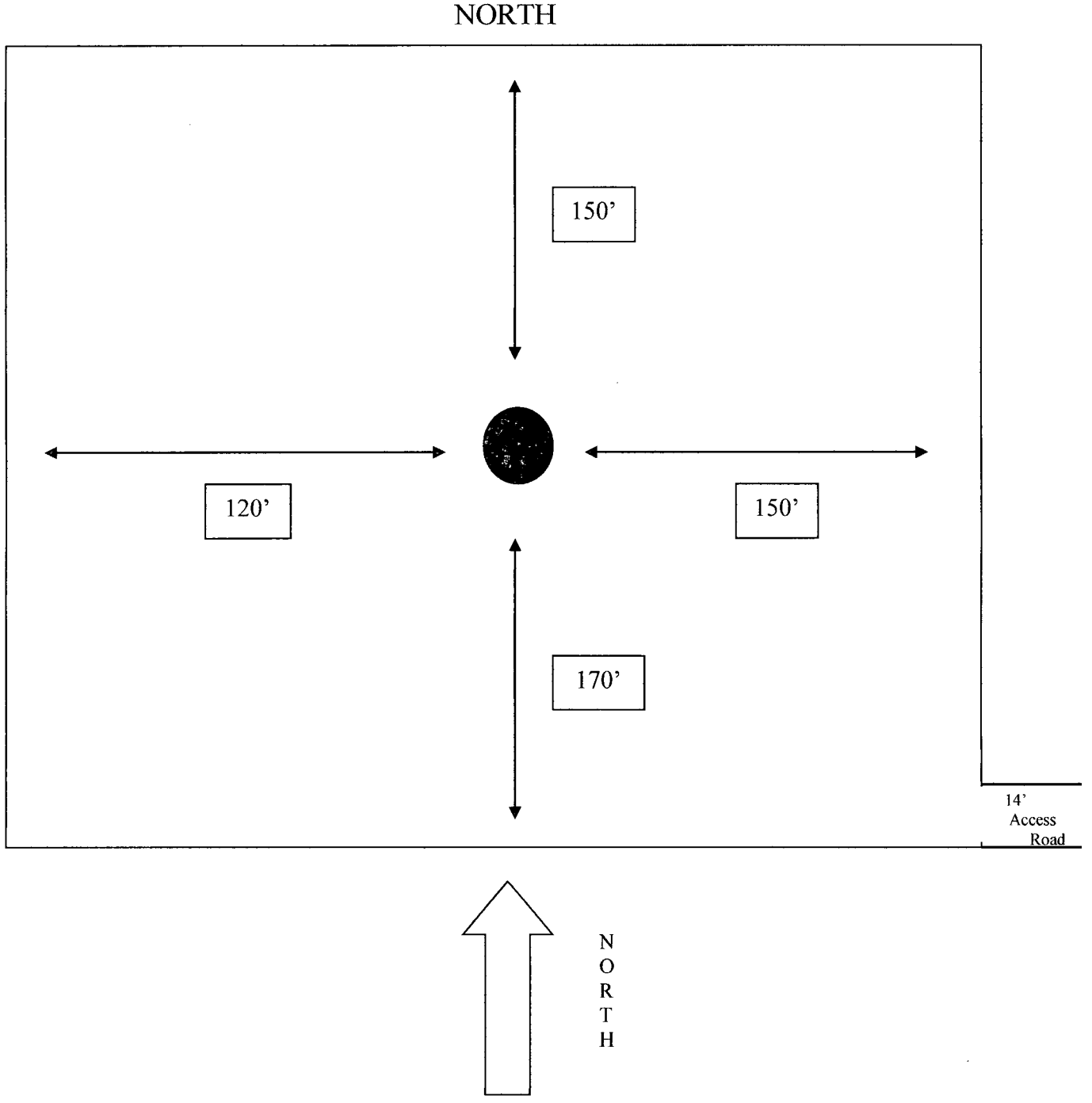
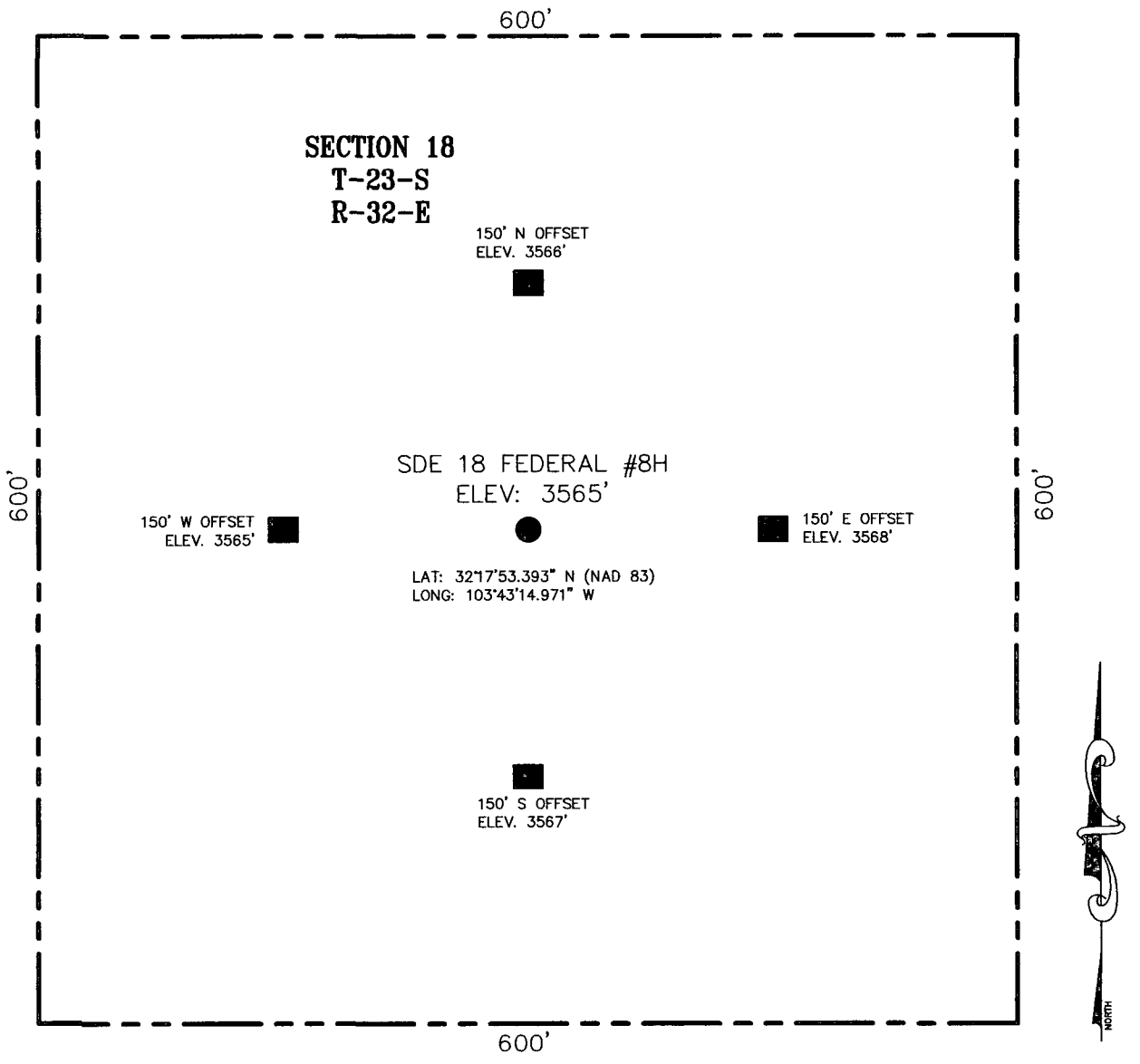


EXHIBIT D

Rig Plat Only
SDE 18 FED 8H
V-DOOR NORTH



LEA COUNTY, NEW MEXICO
SECTION 18, TOWNSHIP 23 SOUTH, RANGE 32 EAST
NEW MEXICO PRINCIPAL MERIDIAN

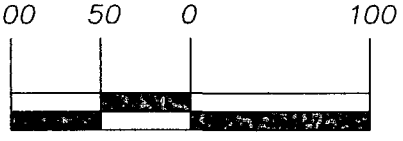


DIRECTIONS TO LOCATION
BEGINNING AT THE INTERSECTION OF US HIGHWAY 128 (JAL HIGHWAY) AND A CALICHE ROAD (RED ROAD).

THENCE NORTH ALONG SAID RED ROAD A DISTANCE OF 1.7 MILES TO A CALICHE ROAD,

THENCE EAST–SOUTHEAST ALONG SAID ROAD A DISTANCE OF 1.1 MILES TO A CALICHE ROAD,

THENCE NORTH ALONG SAID ROAD A DISTANCE OF 1.8 MILES TO A POINT, SDE 18 FEDERAL #8H IS 350 FEET WEST.



SCALE 1"= 100'
GRID

John F. Watson & Company
LAND & DEVELOPMENT SERVICES
PROFESSIONAL LAND SURVEYORS
200 N. Loraine, Suite 220
Midland, Texas 79701
jwatson@windearthwater.com
off. (432) 520-2400
fax. (432) 520-2404
mob. (432) 528-0074
Your Partner for Responsible Development

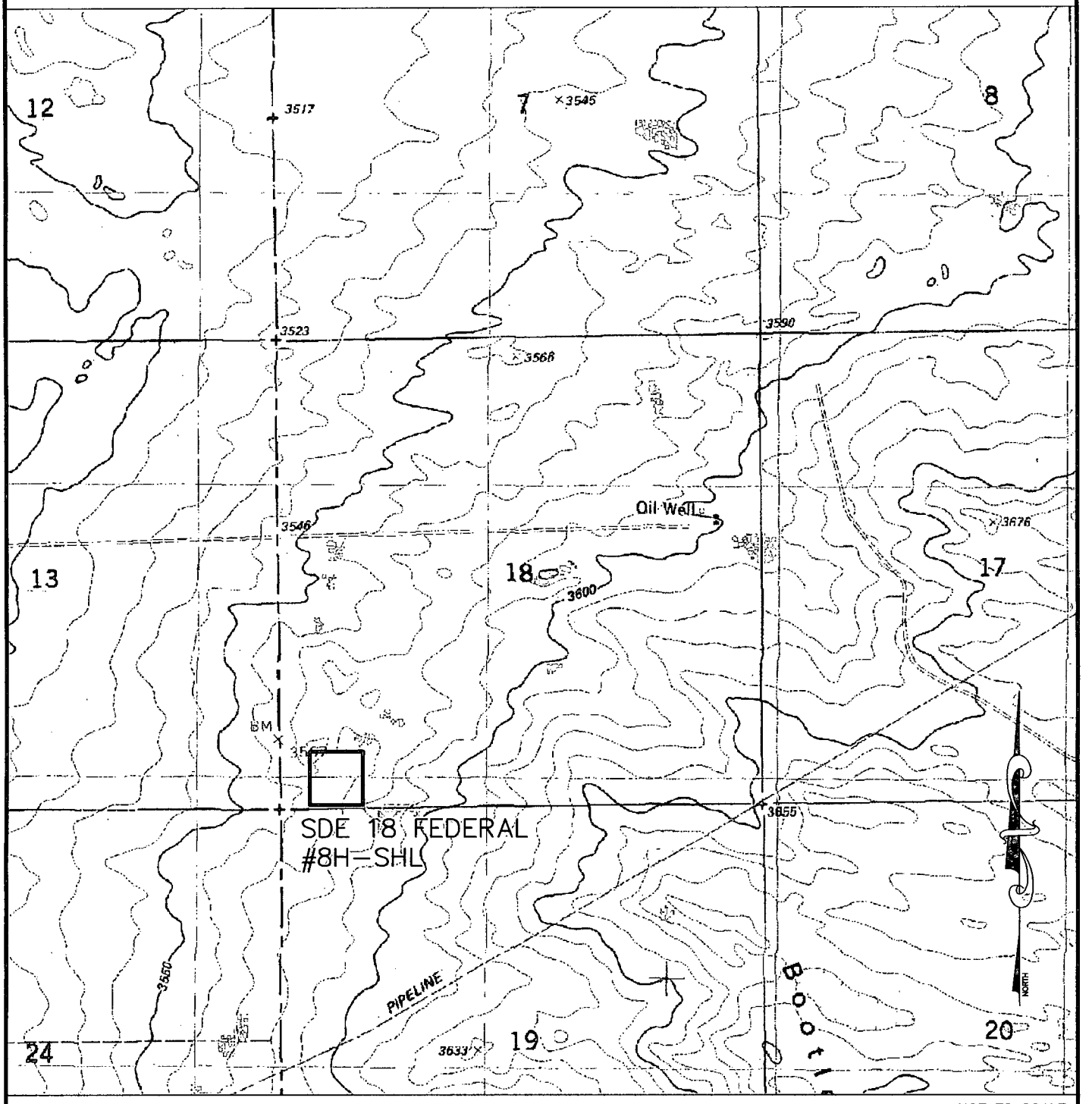
Watson Professional Group Inc
CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS
P.O. DRAWER 11186
MIDLAND, TEXAS
79702
(432) 520-9200
FAX (432)
520-9212
wdwatson@wpg-us.com

XTO ENERGY, INC.
SDE 18 FEDERAL #8H
660' FWL & 350' FSL
SECTION 18
T-23-S,
R-32-E,
LEA COUNTY,
NEW MEXICO

DATE: 08/19/2012
JOB No.: 12-0114
FIELD BOOK: JC 105/39
DRAWN BY: KP
CKD BY: JFW/KP
FILE: S:\2012\LEA CO.\T-23-S, R-32-E LEA CO.

LOCATION VERIFICATION MAP

LEA COUNTY, NEW MEXICO
SECTION 18, TOWNSHIP 23 SOUTH, RANGE 32 EAST
NEW MEXICO PRINCIPAL MERIDIAN



USGS QUAD MAP:
MALJAMAR

NOT TO SCALE

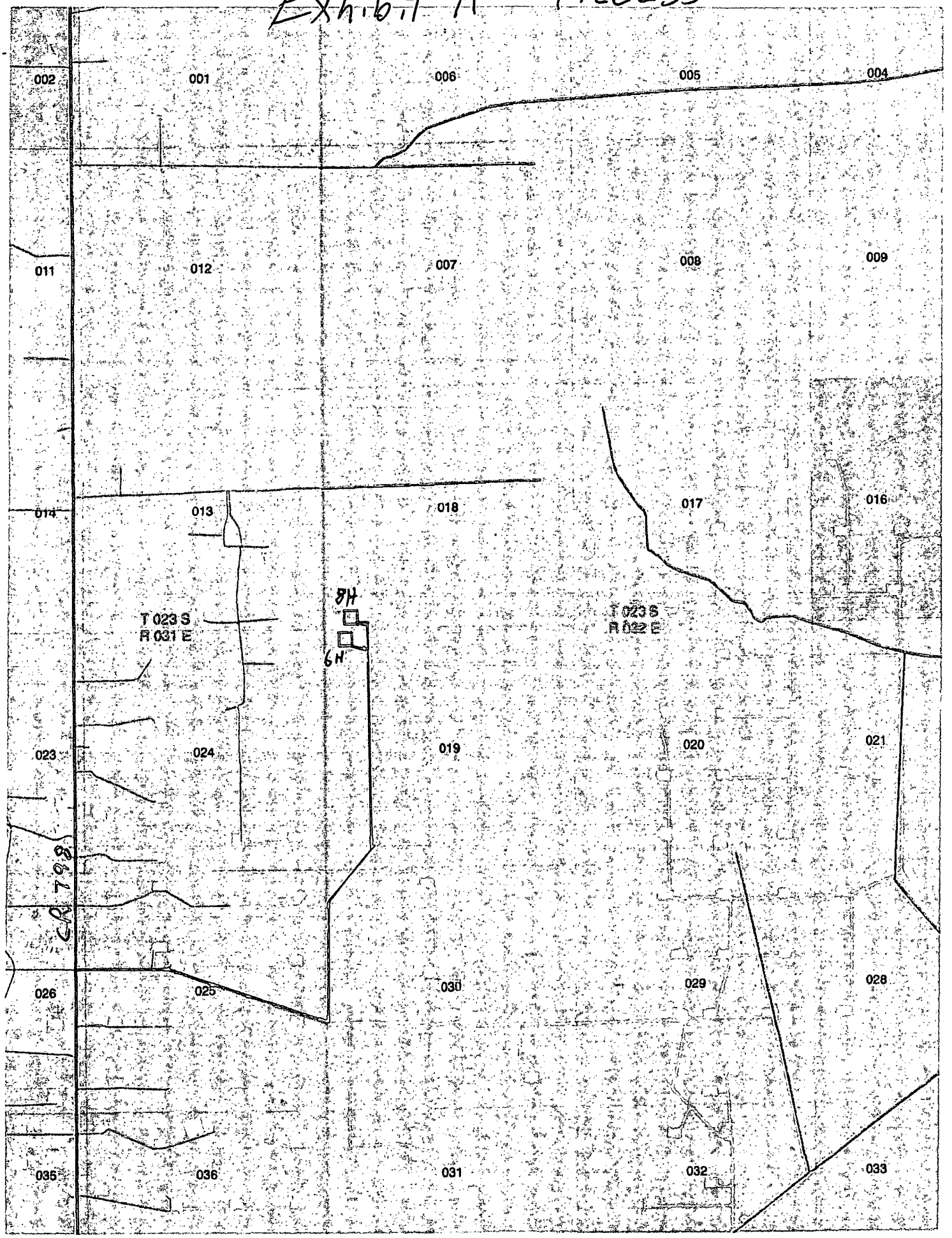
John F. Watson & Company
LAND & DEVELOPMENT SERVICES
PROFESSIONAL LAND SURVEYORS
200 N. Loraine, Suite 220
Midland, Texas 79701
jwatson@windearthwater.com
off. (432) 520-2400
fax. (432) 520-2404
mob. (432) 528-0074
Your Partner for Responsible Development

Watson Professional Group Inc
CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS
P.O. DRAWER 11186
MIDLAND, TEXAS
79702
(432) 520-9200
FAX (432)
520-9212
wdwatson@wpg-us.com

XTO ENERGY, INC.
SDE FEDERAL #8H
660' FWL & 350' FSL
SECTION 18
T-23-S,
R-32-E,
LEA COUNTY,
NEW MEXICO

DATE: 08/19/2012
JOB No.: 12-0114
FIELD BOOK: JC 105/39
DRAWN BY: KP
CKD BY: JFW/KP
FILE: S:\2012\LEA CO.\T-23-S, R-32-E LEA CO.

Exhibit A Access



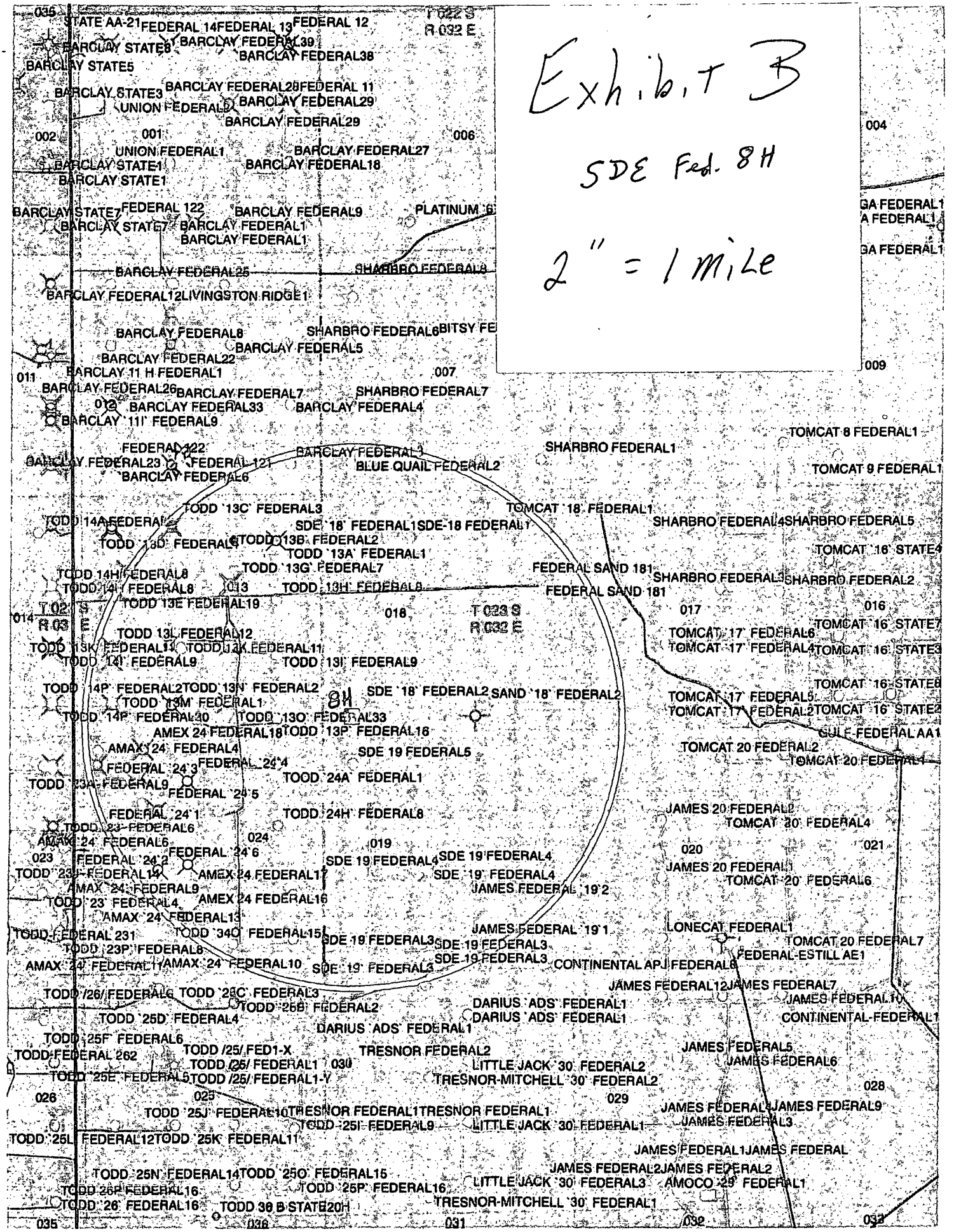


Exhibit B
SDE Fed. 8H
2" = 1 Mile
T 022 S
R 032 E
T 023 S
R 032 E
8H
035
036
031
032
033
001
002
004
006
007
009
011
012
013
014
016
017
018
020
021
022
023
024
025
026
027
028
029
030
BARCLAY STATE8
BARCLAY STATE5
BARCLAY STATE3
BARCLAY STATE1
BARCLAY STATE7
BARCLAY FEDERAL12
BARCLAY FEDERAL8
BARCLAY FEDERAL22
BARCLAY 11 H FEDERAL1
BARCLAY FEDERAL26
BARCLAY 11I FEDERAL9
BARCLAY FEDERAL23
BARCLAY FEDERAL6
BARCLAY FEDERAL25
BARCLAY FEDERAL1
BARCLAY FEDERAL9
BARCLAY FEDERAL7
BARCLAY FEDERAL33
BARCLAY FEDERAL4
BARCLAY FEDERAL5
BARCLAY FEDERAL39
BARCLAY FEDERAL38
BARCLAY FEDERAL28
BARCLAY FEDERAL29
BARCLAY FEDERAL27
BARCLAY FEDERAL18
UNION FEDERAL2
UNION FEDERAL1
STATE AA-21
FEDERAL 14
FEDERAL 13
FEDERAL 12
FEDERAL 11
FEDERAL 122
FEDERAL 322
FEDERAL 121
LIVINGSTON RIDGE1
SHARBRO FEDERAL8
SHARBRO FEDERAL6
SHARBRO FEDERAL7
BITSY FE
PLATINUM 6
BLUE QUAIL FEDERAL2
SHARBRO FEDERAL1
TOMCAT 8 FEDERAL1
TOMCAT 9 FEDERAL1
TOMCAT 18 FEDERAL1
SHARBRO FEDERAL4
SHARBRO FEDERAL5
TOMCAT 16 STATE4
SHARBRO FEDERAL3
SHARBRO FEDERAL2
TOMCAT 16 STATE7
TOMCAT 17 FEDERAL6
TOMCAT 17 FEDERAL4
TOMCAT 16 STATE3
TOMCAT 16 STATE6
TOMCAT 17 FEDERAL5
TOMCAT 17 FEDERAL2
TOMCAT 16 STATE2
GULF FEDERAL AA1
TOMCAT 20 FEDERAL2
TOMCAT 20 FEDERAL4
JAMES 20 FEDERAL2
TOMCAT 20 FEDERAL4
JAMES 20 FEDERAL1
TOMCAT 20 FEDERAL6
LONECAT FEDERAL1
TOMCAT 20 FEDERAL7
FEDERAL-ESTILL AE1
CONTINENTAL APJ FEDERAL8
JAMES FEDERAL12
JAMES FEDERAL7
JAMES FEDERAL10
CONTINENTAL-FEDERAL1
JAMES FEDERAL5
JAMES FEDERAL6
JAMES FEDERAL4
JAMES FEDERAL9
JAMES FEDERAL3
JAMES FEDERAL1
JAMES FEDERAL
JAMES FEDERAL2
JAMES FEDERAL2
AMOCO 29 FEDERAL1
TRESNOR-MITCHELL 30 FEDERAL1
LITTLE JACK 30 FEDERAL3
LITTLE JACK 30 FEDERAL2
TRESNOR-MITCHELL 30 FEDERAL2
LITTLE JACK 30 FEDERAL1
TRESNOR FEDERAL2
TRESNOR FEDERAL1
TRESNOR FEDERAL1
DARIUS ADS FEDERAL1
DARIUS ADS FEDERAL1
DARIUS ADS FEDERAL1
JAMES FEDERAL 19 2
JAMES FEDERAL 19 1
CONTINENTAL FEDERAL1
SDE 19 FEDERAL4
SDE 19 FEDERAL4
SDE 19 FEDERAL4
SDE 19 FEDERAL3
SDE 19 FEDERAL3
SDE 19 FEDERAL3
SDE 19 FEDERAL5
SDE 18 FEDERAL2
SDE 18 FEDERAL1
SDE-18 FEDERAL1
SAND 18 FEDERAL2
FEDERAL SAND 181
FEDERAL SAND 181
TODD 13C FEDERAL3
TODD 13D FEDERAL3
TODD 13B FEDERAL2
TODD 13A FEDERAL1
TODD 13G FEDERAL7
TODD 13H FEDERAL8
TODD 13E FEDERAL19
TODD 13L FEDERAL12
TODD 13K FEDERAL11
TODD 13J FEDERAL11
TODD 13I FEDERAL9
TODD 13N FEDERAL2
TODD 13M FEDERAL1
TODD 13O FEDERAL33
TODD 13P FEDERAL16
TODD 14A FEDERAL
TODD 14H FEDERAL8
TODD 14I FEDERAL8
TODD 14I FEDERAL9
TODD 14P FEDERAL2
TODD 14P FEDERAL30
TODD 24A FEDERAL1
TODD 24H FEDERAL8
TODD 23A FEDERAL9
TODD 23 FEDERAL6
TODD 23 FEDERAL14
TODD 23 FEDERAL4
TODD 23P FEDERAL8
TODD 34O FEDERAL15
TODD 26 FEDERAL16
TODD 26 FEDERAL16
TODD 30 B STATE20H
TODD 25C FEDERAL3
TODD 25B FEDERAL2
TODD 25D FEDERAL4
TODD 25F FEDERAL6
TODD 25E FEDERAL5
TODD 25J FEDERAL10
TODD 25L FEDERAL12
TODD 25K FEDERAL11
TODD 25N FEDERAL14
TODD 25O FEDERAL15
TODD 25P FEDERAL16
TODD FEDERAL 231
TODD FEDERAL 262
TODD /26/ FEDERAL6
TODD /25/ FED1-X
TODD /25/ FEDERAL1
TODD /25/ FEDERAL1-Y
TODD 25I FEDERAL9
AMAX 24 FEDERAL6
AMAX 24 FEDERAL6
AMAX 24 FEDERAL14
AMAX 24 FEDERAL9
AMAX 24 FEDERAL4
AMAX 24 FEDERAL10
AMAX 24 FEDERAL13
AMEX 24 FEDERAL18
AMEX 24 FEDERAL17
AMEX 24 FEDERAL16
FEDERAL 24 3
FEDERAL 24 4
FEDERAL 24 5
FEDERAL 24 1
FEDERAL 24 6
FEDERAL 24 2
SHARBRO FEDERAL 1H
SHARBRO FEDERAL 2H
SHARBRO FEDERAL 3H
SHARBRO FEDERAL 4H
SHARBRO FEDERAL 5H
SHARBRO FEDERAL 6H
SHARBRO FEDERAL 7H
SHARBRO FEDERAL 8H
SHARBRO FEDERAL 9H
SHARBRO FEDERAL 10H
SHARBRO FEDERAL 11H
SHARBRO FEDERAL 12H
SHARBRO FEDERAL 13H
SHARBRO FEDERAL 14H
SHARBRO FEDERAL 15H
SHARBRO FEDERAL 16H
SHARBRO FEDERAL 17H
SHARBRO FEDERAL 18H
SHARBRO FEDERAL 19H
SHARBRO FEDERAL 20H
SHARBRO FEDERAL 21H
SHARBRO FEDERAL 22H
SHARBRO FEDERAL 23H
SHARBRO FEDERAL 24H
SHARBRO FEDERAL 25H
SHARBRO FEDERAL 26H
SHARBRO FEDERAL 27H
SHARBRO FEDERAL 28H
SHARBRO FEDERAL 29H
SHARBRO FEDERAL 30H
SHARBRO FEDERAL 31H
SHARBRO FEDERAL 32H
SHARBRO FEDERAL 33H
SHARBRO FEDERAL 34H
SHARBRO FEDERAL 35H
SHARBRO FEDERAL 36H