

HOBBS OCD

MAY 23 2012

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240DISTRICT II
811 South First, Artesia, NM 88210DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410DISTRICT IV
2040 South Pecos, Santa Fe, NM 87505

State of New Mexico

Geology, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011Submit one copy to Appropriate
District Office

RECEIVED

OIL CONSERVATION DIVISION

1200 South St. Francis Dr.

Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40590	Pool Code 966-74	Pool Name Triple X Undesignated Bone Spring, West
Property Code 39241	Property Name Mis Amigos	Well Number 1
OGRIID No. 005380	Operator Name KTO Energy Inc.	Elevation 3864 feet

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	31	23-S	33-E		330	South	1980	East	LEA

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
B	31	23-S	33-E		330	North	1980	East	LEA
Dedicated Acres 160		Joint or Infill	Consolidation Code		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

Bottom Hole Location LAT-32°16'03.27"N LON-103°36'33.44"W		330'	1980'
SECTION 31 T-23-S, R-33-E		4622'	
LAT-32°15'17.54"N LON-103°36'33.44"W Mis Amigos #1 Surface Location		330'	1980'

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or compulsory pooling order heretofore entered by the division.

Signature: *Barry W. Hunt* Date: **5/21/12**

Printed Name: **Barry W. Hunt**

Date: _____

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 knowledge and belief.

Date Surveyed: _____

Signature & Seal of Professional Surveyor: *[Signature]* **3959**

Certificate No. **WILSON D. WATSON JR.**
P.L.S. #3959

WATSON PROFESSIONAL GROUP INC

MAY 29 2012



Project: Lea County
Site: Mis Amigos
Well: #1H
Wellbore: OH
Plan: Plan #1 (#1H/OH)



Azimuths to Grid North
True North: -0.39°
Magnetic North: 7.10°

Magnetic Field
Strength: 48577.4snT
Dip Angle: 60.21°
Date: 5/15/2012
Model: IGRF200510

PATHFINDER
A Schlumberger Company

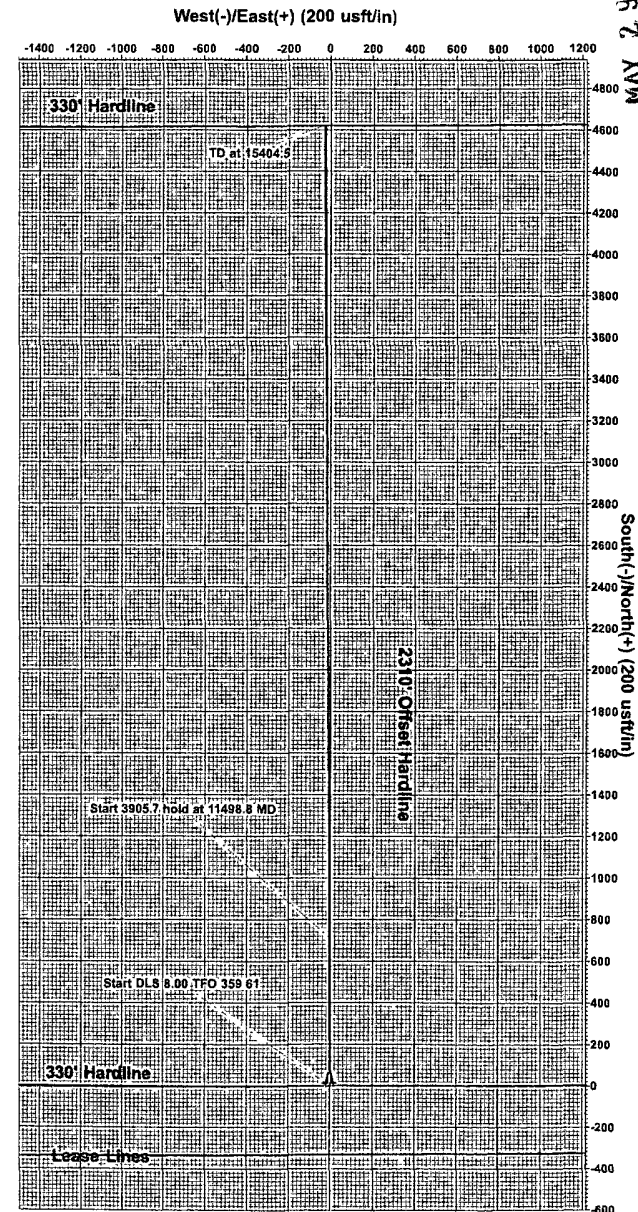
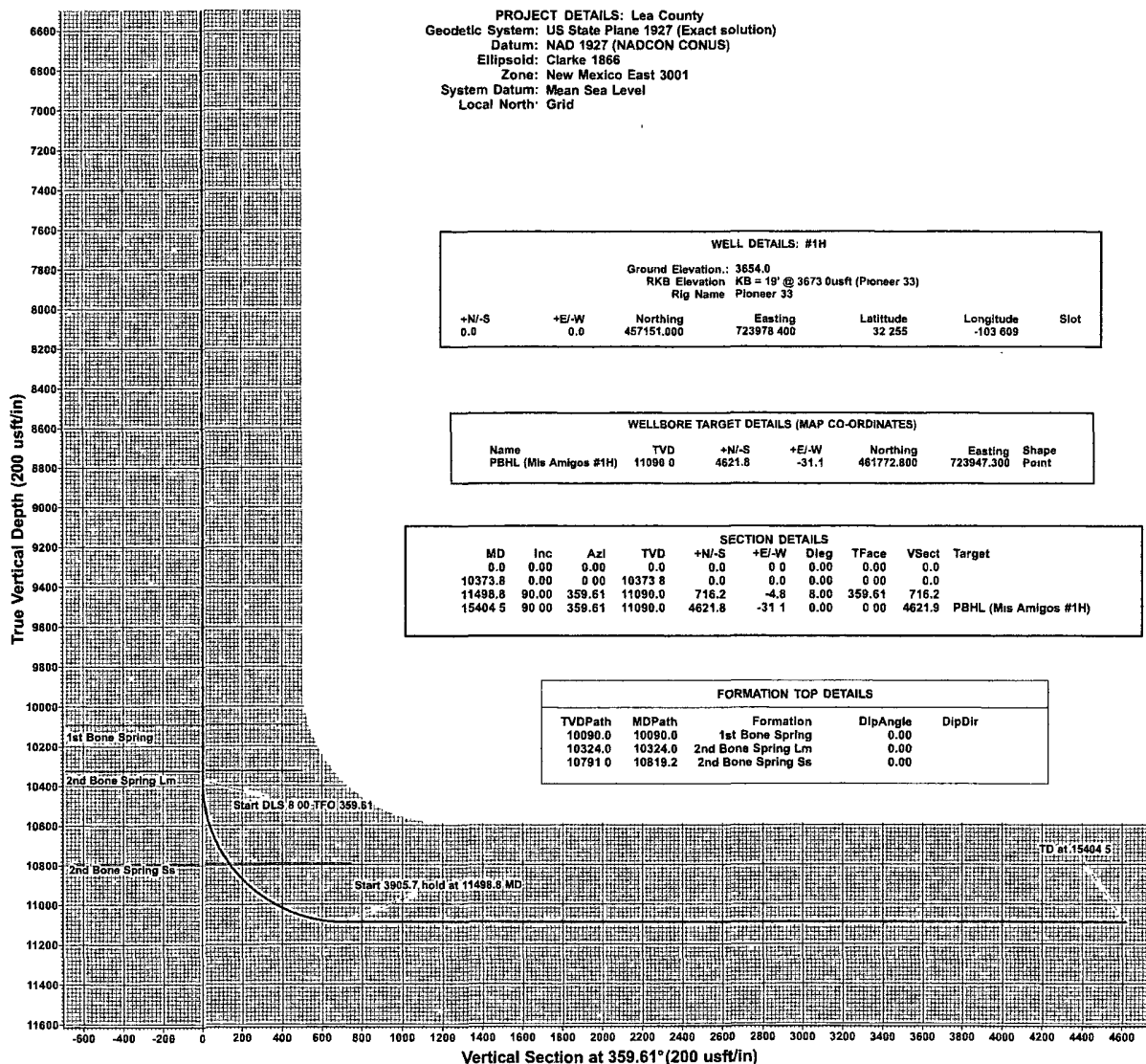
PROJECT DETAILS: Lea County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

WELL DETAILS: #1H						
Ground Elevation: 3654.0						
RKB Elevation: KB + 19' @ 3673.0usft (Pioneer 33)						
Rig Name: Pioneer 33						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	457151.000	723978.400	32.255	-103.609	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Mis Amigos #1H)	11099.0	4621.8	-31.1	461772.800	723947.300
				Shape	Point

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dip	TFace	VSect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
10373.8	0.00	0.00	10373.8	0.0	0.0	0.00	0.00	0.0	
11498.8	90.00	359.61	11099.0	716.2	-4.8	8.00	359.61	716.2	
15404.5	90.00	359.61	11099.0	4621.8	-31.1	0.00	0.00	4621.9	PBHL (Mis Amigos #1H)

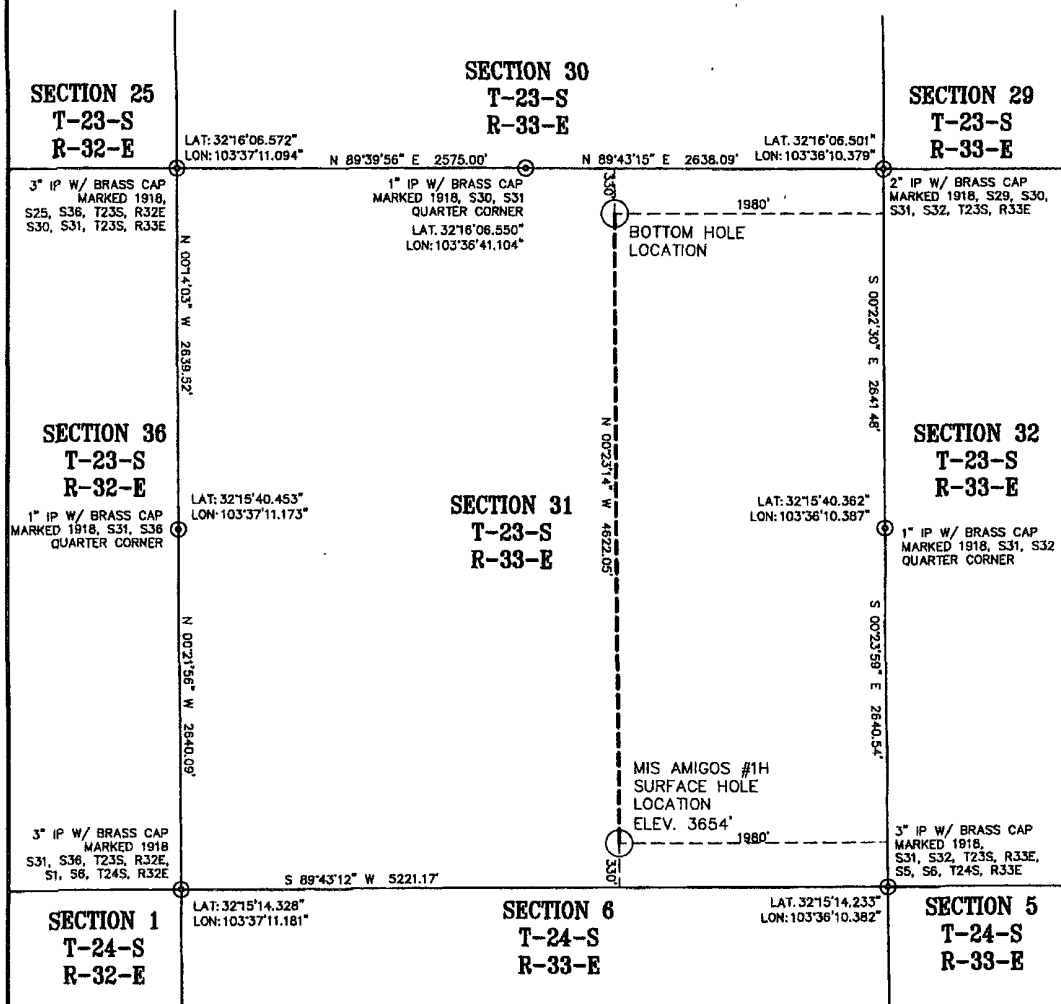
FORMATION TOP DETAILS				
TVDPath	MDPath	Formation	DipAngle	DipDir
10090.0	10090.0	1st Bone Spring	0.00	
10324.0	10324.0	2nd Bone Spring Lm	0.00	
10791.0	10819.2	2nd Bone Spring Ss	0.00	



Plan: Plan #1 (#1H/OH)
Created By: Michael Trout Date: 10/01, May 16 2012
Checked: _____ Date: _____

XTO Energy Co
Lea County
Mis Amigos
#1H
Pioneer 33
OH
Plan #1

LEA COUNTY, NEW MEXICO
SECTION 31, TOWNSHIP 23 SOUTH, RANGE 33 EAST
NEW MEXICO PRINCIPAL MERIDIAN



APPROXIMATELY 26.2 MILES NORTHWEST OF JAL, NEW MEXICO

SURFACE LOCATION:

NAD 83, NEW MEXICO EAST ZONE COORD'S
OF THE MIS AMIGOS #1H: N(Y)= 457210.1', E(X)= 765162.2'.
NAD 27, NEW MEXICO EAST ZONE COORD'S
OF THE MIS AMIGOS #1H: N(Y)= 457151.0', E(X)= 723978.4'.
WGS84, LATITUDE & LONGITUDE OF THE MIS AMIGOS #1H:
LAT= N 32°15'17.536", W 103°36'33.439".

BOTTOM HOLE LOCATION:

NAD 83, NEW MEXICO EAST ZONE COORD'S
OF THE MIS AMIGOS #1H: N(Y)= 461832.0', E(X)= 765131.0'.
NAD 27, NEW MEXICO EAST ZONE COORD'S
OF THE MIS AMIGOS #1H: N(Y)= 461772.8', E(X)= 723947.3'.
WGS84, LATITUDE & LONGITUDE OF THE MIS AMIGOS #1H:
LAT= N 32°16'03.273", W 103°36'33.440".

1000 500 0 1000



SCALE 1"= 1000'
GRID

LEGEND:

- WELL
- ⊙ IRON PIPE FOUND (IP)



I hereby certify that the foregoing description and plot attached hereto is a representation of a survey completed on the ground under my supervision and is true and correct to the best of my knowledge and belief.

5/10/12
DATE

W.D. WATSON, JR. NEW MEXICO P.L.S. No. 3959

John F. Watson & Company

LAND & DEVELOPMENT SERVICES
PROFESSIONAL LAND SURVEYORS

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Your Partner for Responsible Development

**Watson
Professional
Group Inc**



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w@watsongroup-usa.com

CONSULTING ENGINEERS, LAND SURVEYORS & PLANNERS

XTO ENERGY, INC.
MIS AMIGOS #1H
330' FSL & 1980' FEL
SECTION 31
T-23-S,
R-33-E,
LEA COUNTY,
NEW MEXICO

REV: 05/04/12
JOB No. 12-0107
FIELD BOOK: JC
105/24
DRAWN BY: JFW/XP
CRO BY: JFW/XP
FILE: S:\2012\T-23-S,
R-33-E, LEA CO. NEW
MEXICO
PAGE 1 OF 1

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