

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
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Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

HOBBS OCD

SEP 07 2016

RECEIVED

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-43410	Pool Code 41442	Pool Name Lusk Bone Spring, East
Property Code 316778	Property Name OCIOSO 21 FEDERAL COM	
OGRID No. 006380	Operator Name XTO ENERGY	Well Number 1H
		Elevation 3571'

Surface Location

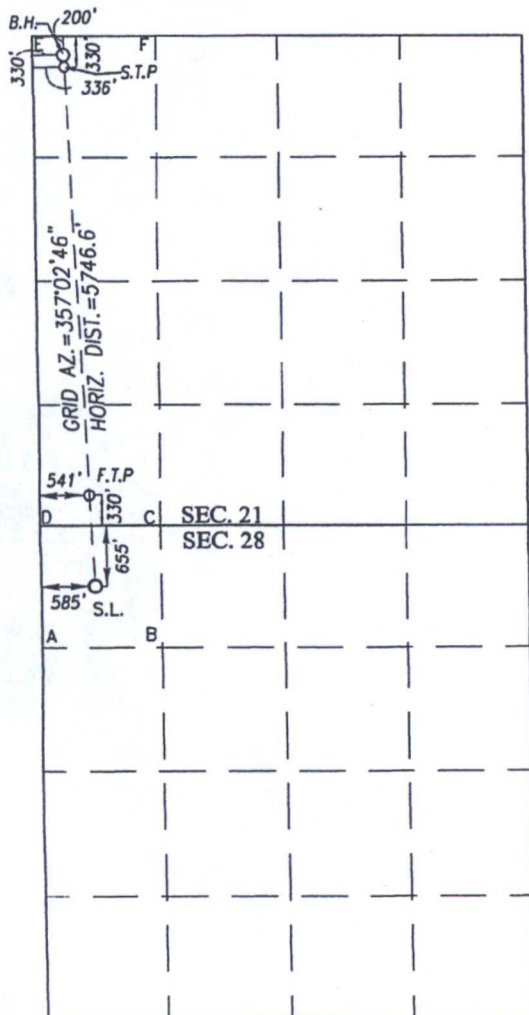
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	19-S	32-E		655	NORTH	585	WEST	LEA

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
D	21	19-S	32-E		200	NORTH	330	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

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



SCALE: 1"=2000'

GEODETIC COORDINATES
NAD 83 NME
BOTTOM HOLE LOCATION
Y= 601608.9 N
X= 712034.5 E
LAT.=32.652645° N
LONG.=103.778716° W

SECOND TAKE POINT
NAD 83 NME
Y= 601479.0 N
X= 712041.2 E
LAT.=32.652288° N
LONG.=103.778696° W

GEODETIC COORDINATES
NAD 27 NME
BOTTOM HOLE LOCATION
Y= 601546.1 N
X= 670854.9 E
LAT.=32.652524° N
LONG.=103.778215° W

SECOND TAKE POINT
NAD 27 NME
Y= 601416.1 N
X= 670861.6 E
LAT.=32.652167° N
LONG.=103.778196° W

CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 595141.8 N, X= 670570.7 E
B - Y= 595144.8 N, X= 671890.2 E
C - Y= 596465.1 N, X= 671881.0 E
D - Y= 596462.0 N, X= 670561.2 E
E - Y= 601744.5 N, X= 670523.6 E
F - Y= 601750.5 N, X= 671838.8 E

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 595204.5 N, X= 711750.5 E
B - Y= 595207.5 N, X= 713069.9 E
C - Y= 596527.8 N, X= 713060.7 E
D - Y= 596524.8 N, X= 711740.9 E
E - Y= 601807.4 N, X= 711703.1 E
F - Y= 601813.4 N, X= 713018.4 E

FIRST TAKE POINT
NAD 83 NME
Y= 596855.9 N
X= 712279.8 E
LAT.=32.639577° N
LONG.=103.778000° W

FIRST TAKE POINT
NAD 27 NME
Y= 596793.2 N
X= 671100.1 E
LAT.=32.639457° N
LONG.=103.777500° W

SURFACE LOCATION
NAD 83 NME
Y= 595871.2 N
X= 712330.6 E
LAT.=32.636870° N
LONG.=103.777851° W

SURFACE LOCATION
NAD 27 NME
Y= 595808.5 N
X= 671150.9 E
LAT.=32.636749° N
LONG.=103.777352° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Stephanie Rabadue
Signature Date

Stephanie Rabadue
Printed Name

Stephanie.rabadue@xtoenergy.com
E-mail Address

SURVEYOR CERTIFICATION

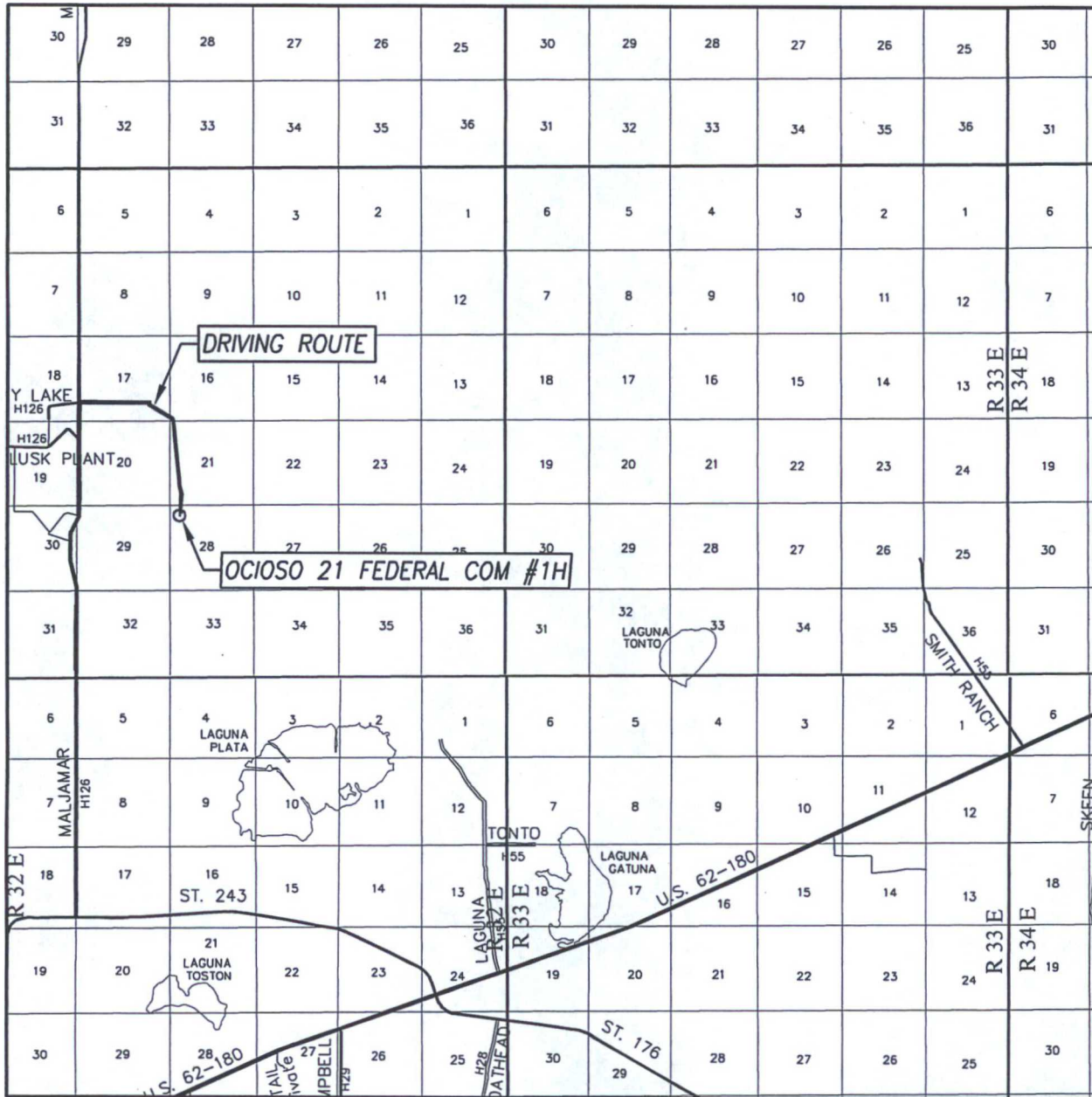
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

DECEMBER 29, 2014

Date of Survey
Signature & Seal of Professional Surveyor:

Ronald F. Eidson
Professional Surveyor
3239
Certificate Number... 12641
JWSC W.O. 14.11.1365

VICINITY MAP



SCALE: 1" = 2 MILES

DRIVING ROUTE: SEE TOPOGRAPHIC AND ACCESS ROAD MAP

SEC. 28 TWP. 19-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 655' FNL & 585' FWL

ELEVATION 3571'

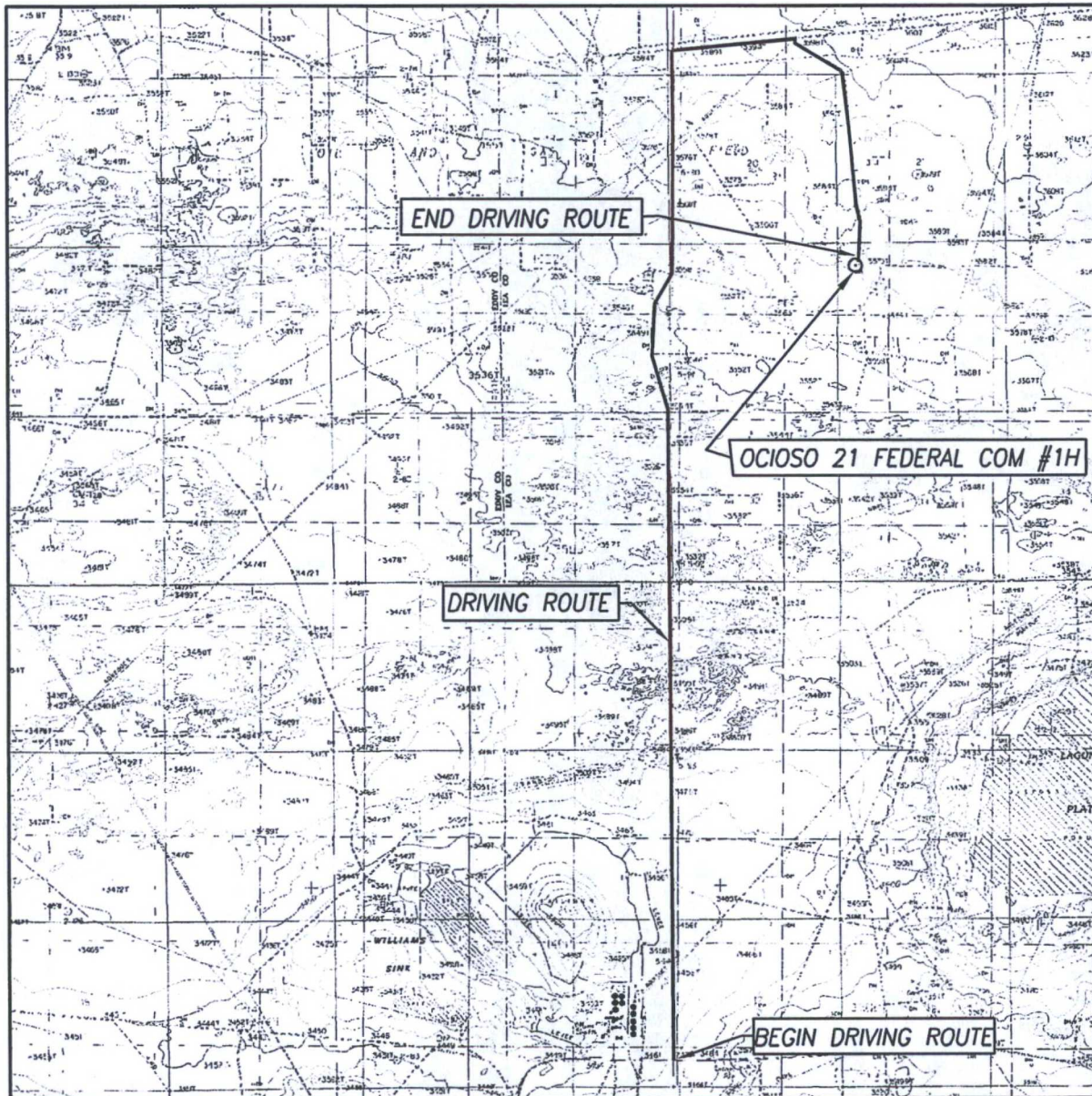
OPERATOR XTO ENERGY

LEASE OCIOSO 21 FEDERAL COM



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

TOPOGRAPHIC AND ACCESS ROAD MAP



SCALE: 1" = 5280'

CONTOUR INTERVAL:
GREENWOOD LAKE, N.M. - 10'
WILLIAMS SINK, N.M. - 10'

SEC. 28 TWP. 19-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 655' FNL & 585' FWL

ELEVATION 3571'

OPERATOR XTO ENERGY

LEASE OCIOSO 21 FEDERAL COM

U.S.G.S. TOPOGRAPHIC MAP
GREENWOOD LAKE, N.M.

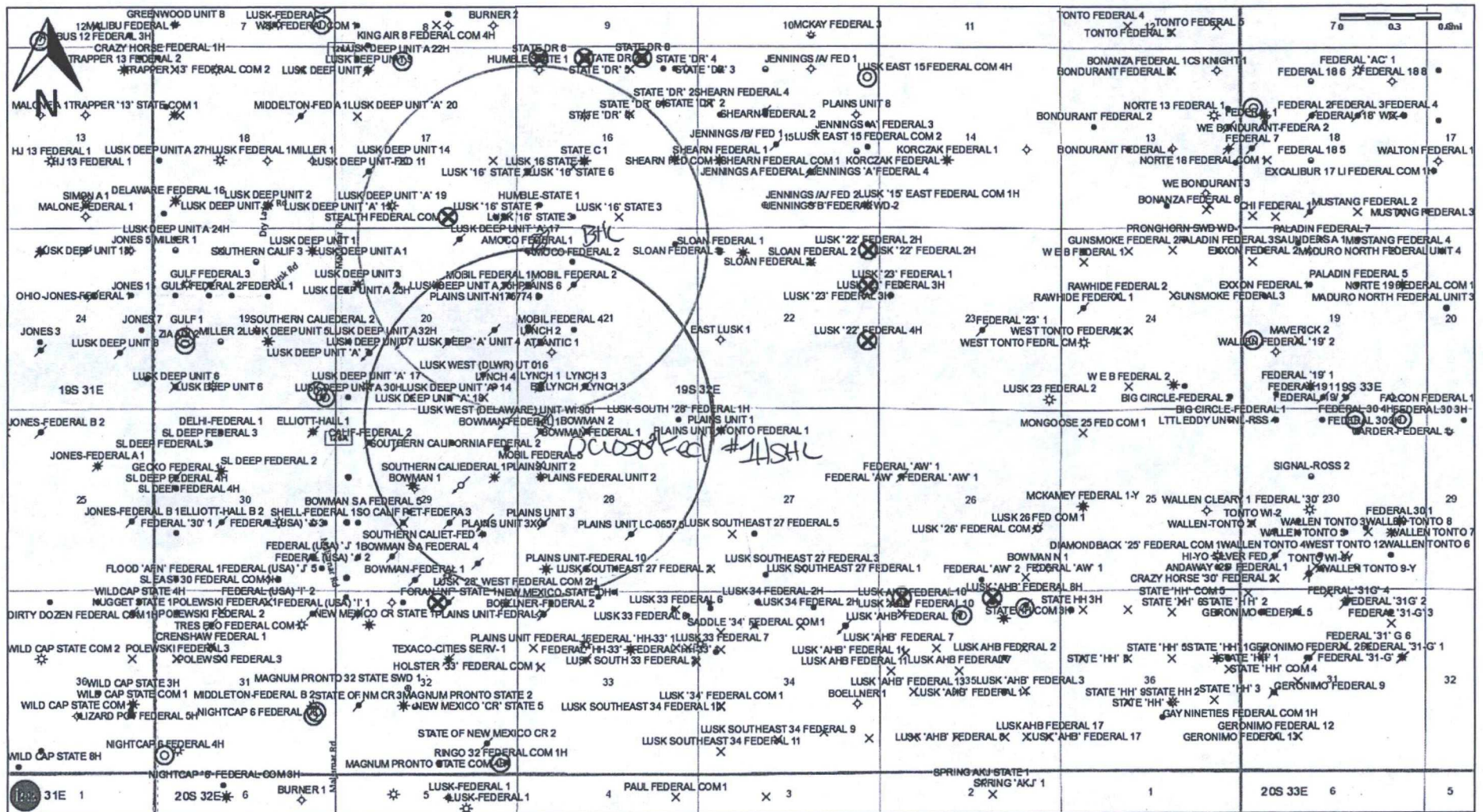
DIRECTIONS TO OCIOSO 21 FEDERAL COM #1H:

FROM THE INTERSECTION OF ST. 243 AND CO. RD. 126 (MALJAMAR)
GO NORTH ON CO. RD. 126 APPROX. 6.0 MILES TO DRY LAKE ROAD
TURN RIGHT AND GO EAST 0.7 MILES TURN RIGHT AND GO
SOUTHEAST THEN SOUTH 1.4 MILES TO THIS LOCATION.



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Ociosos Federal Com



HOBBS OCD
SEP 07 2016
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XTOENERGY

Project: Lea County, NM (NAD27)
Site: Ochozo 21 Federal Com
Well: 1H
Wellbore: Wellbore #1
Design: Plan 1 05-01-15
Rig: Noram 25

PHOENIX
TECHNOLOGY SERVICES

Asimuths to Grid North
True North: -0.30°
Magnetic North: 7.12°
Magnetic Field
Strength: 48819.8nT
Dip Angle: 60.67°
Date: 6/1/2016
Model: HDGM

WELL DETAILS											
				Ground Level		3571.00					
+N-S		+E-W		Northing		Easting		Latitude		Longitude	
0.00				59508.50		67150.90		32° 38' 12.29091 N		103° 40' 38.46509 W	
SECTION DETAILS											
Sec	MD	Inc	Asn	TVD	+N-S	+E-W	Day	Face	VSet	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	8814.08	0.00	0.00	8814.08	0.00	0.00	0.00	0.00	0.00	0.00	KOP, Begin 10.00°/100' Build
3	9716.48	90.44	357.05	9387.00	576.59	-29.75	10.00	357.05	577.38		LP, Hold 90.44° Inc
4	14886.48	90.44	357.05	9347.31	578.60	-29.60	0.00	0.00	5745.23	BH _L 1H	TD at 14886.48 MD

FORMATION TOP DETAILS											
TVD	MD	Formation	Dip	Angle	Dip	Dr					
838.00	838.00	Fluster	-44	357.05							
965.00	965.00	Top Salt	-44	357.05							
2447.00	2447.00	Base Salt	-44	357.05							
2524.00	2524.00	Yates	-44	357.05							
2941.00	2941.00	Seven Rivers	-44	357.05							
4756.00	4756.00	Delaware	-44	357.05							
5639.00	5639.00	Brushy Canyon	-44	357.05							
7233.00	7233.00	Bone Spring	-44	357.05							
8434.00	8434.00	First Bone Spring Sand	-44	357.05							
9160.11	9160.11	Second Bone Spring Sand	-44	357.05							

DESIGN TARGET DETAILS											
Name	TVD	+N-S	+E-W	North	East	Latitude	Longitude	Shape			
BH _L 1H	9347.31	578.59	-29.75	601546.10	670854.90	32° 38' 9.08720 N	103° 40' 41.57507 W	Rectangle (Sides: L5168.02 W100.00)			
TP2 1H	9348.31	5807.60	-289.80	601416.10	670861.10	32° 38' 7.80050 N	103° 40' 41.51130 W	Point			
TP1 1H	9343.86	984.70	-50.80	596793.20	671100.10	32° 38' 22.04340 N	103° 40' 38.99890 W	Point			

CASING DETAILS

No casing data is available

LEGEND

-- 4H Wellbore #1, Plan 1 05-01-15 VO
--- Plan 1 05-01-15

Map System: US State Plane 1927 (Exact solution)

Datum: NAD 1987 (NADCON CONUS)

Ellipsoid: Clarke 1866

Zone Name: New Mexico East 3001

Local Origin: Well 1H, Grid North

Latitude: 32° 38' 12.29091 N

Longitude: 103° 40' 38.46509 W

Grid East: 671150.80

Grid North: 59508.50

Scale Factor: 1.000

Geomagnetic Model: HDGM

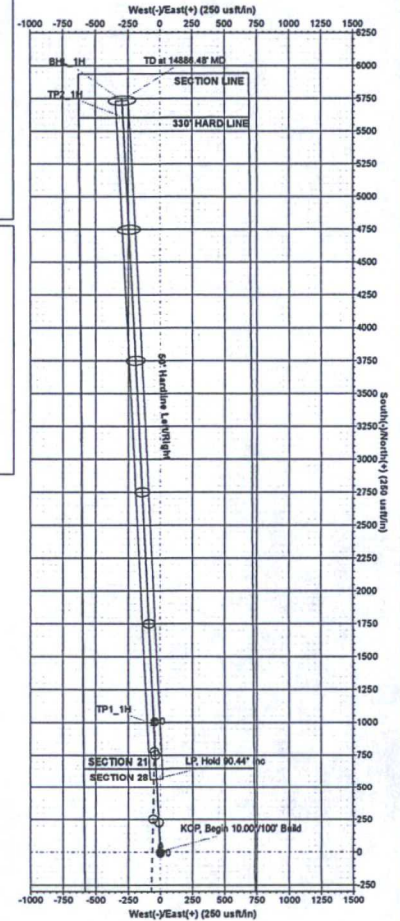
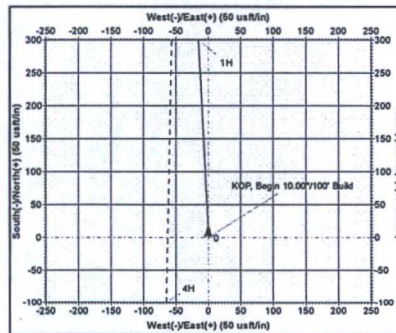
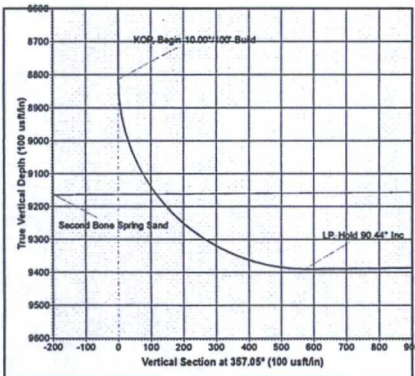
Sample Date: 01-May-15

Magnetic Declination: 7.42°

Dip Angle from Horizontal: 60.67°

Magnetic Field Strength: 48820

To convert a Magnetic Direction to a True Direction, Add 7.42° East
To convert a True Direction to a Grid Direction, Subtract 0.30°



Created By: Treva Knox Date: 13.14, May 01 2015