

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-101

Revised July 18, 2013

State of New Mexico

Energy Minerals and Natural Resources APR 30 2015

Oil Conservation Division

☒ AMENDED REPORT

RECEIVED

1220 South St. Francis Dr.

Santa Fe, NM 87505

District I

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

District II

811 S. First St., Artesia, NM 88210
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

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

Operator Name and Address OGX OPERATING, LLC. P. O. BOX 2064 MIDLAND, TEXAS 79702		OGRID Number 310497
		API Number 30-015-42905
Property Code 314084	Property Name UNICORN "7" STATE	Well No. # 1H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	7	23S	26E		330'	NORTH	330'	EAST	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	7	23S	26E		330'	SOUTH	330'	EAST	EDDY

9. Pool Information

WC-015 G-06 5232607A	Pool Name WILDCAT-BONE SPRING	Pool Code 98115
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Additional Well Information

11. Work Type N	12. Well Type O	13. Cable/Rotary ROTARY	14. Lease Type S	15. Ground Level Elevation 3427'
16. Multiple NO	17. Proposed Depth TVD-6500 MD-10,996	18. Formation BONE SPRING	19. Contractor UNKNOWN	20. Spud Date WHEN APPROVED
Depth to Ground water 100'		Distance from nearest fresh water well .75 Miles Southwest of location		Distance to nearest surface water None Known

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
1st Inter	17 1/2"	13 3/8"	54.5#	675'	525 Sx.	Surface
2nd Inter	12 1/4"	9 5/8"	40#	1600'	560 Sx.	Surface
Prod.	8 3/4"	5 1/2"	17#	10,996' MD	2435 Sx.	Surface

Casing/Cement Program: Additional Comments

SEE ATTACHED SHEET FOR DETAIL

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000 PSI	1500 PSI	Cameron or Schaffer

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 I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable

Signature: *Joe T. Janica*

Printed name: Joe T. Janica

Title: Permit Eng.

E-mail Address: joejanica@valornet.com

Date: 04/28/15

Phone: 575-391-8503

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: 5/7/15

Expiration Date:

Conditions of Approval Attached

OGX OPERATING, LLC.

UNICORN "7" STATE #1H

330' FNL & 330' FEL SECTION 7 T23S-R26E

1. Drill 24" hole to 425'. Run and set 425' of 18 5/8" 87.5# H-40 ST&C casing. Cement with 795 Sx. of Class "C" cement + 2% CaCl, + 0.004GPS-CF-41L, Yield 1.34, 100% excess, circulate cement to surface.
2. Drill 17 1/2" hole to 675'. Run and set 675' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 325 Sx of Class "C" cement + 4% Gel, + 2% CaCl, + 0.25#/Sx. of Celo Flakes, + 0.004GPS of CF-41L, Yield 1.74, 100% excess, tail in with 200 Sx. of Class "C" cement + 2% CaCl, + 0.004GPS of CF-41L, Yield 1.34, circulate cement to surface.
3. Drill 12 1/4" hole to 1600'. Run and set 1600' of 9 5/8" 40# J-55 ST&C casing. Cement with 360 Sx. of Class "C" cement + 4% Gel, + 0.25#/Sx. Celo Flakes, + 2% CaCl, + 0.004GPS-CF-41L, Yield 1.74, 100% excess, tail in with 200 Sx. of Class "C" cement + 2% CaCl, + 0.004GPS-CF-41L, Yield 1.34, circulate cement to surface.
4. Drill 8 3/4" hole to KO Point of 6100', KO and drill to a TVD-6500' (TVD-6762') continue drilling lateral section to a MD-of 10,996'. Run and set 10,996' of 5 1/2" 17# HCP-110 BT&C casing. Cement with 1075 Sx. of Class "H" 50/50 POZ cement + 10% Gel, + 0.6% SMS, + 0.3C-20, + 3#/Sx. Kol-Seal, + 0.4% C-19, + 5% Salt, + 0.004GPS-CF-41L, Yield 2.93, 50% excess, tail in with 1360 Sx. of Class "H" 50/50 POZ cement + 2% Gel, + 0.5% FL-17, + 0.3% C-20, + 0.2% SMS, + 0.004gpscf-41l, Yield 1.22, 30% excess, circulate cement to surface.

NO H2S IS EXPECTED DURING THE DRILLING OF THIS WELL

DISTRICT I
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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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

Revised August 1, 2011

APR 30 2015 Submit one copy to appropriate District Office

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42905	Pool Code 98115	Pool Name WC-015 G906 5232607A WILDCAT-BONE SPRING
Property Code 314084	Property Name UNICORN STATE 7	Well Number 1H
OGRID No. 310497	Operator Name OGX OPERATING, LLC	Elevation 3427'

Surface Location

UL or lot No. A	Section 7	Township 23-S	Range 26-E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 330	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. P	Section 7	Township 23-S	Range 26-E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 330	East/West line EAST	County EDDY
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

GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 482047.7 N X= 502579.2 E LAT.=32.325265° N LONG.=104.324984° W	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 482106.1 N X= 543760.6 E LAT.=32.325381° N LONG.=104.325489° W	
NAD 27 NME BOTTOM HOLE LOCATION Y= 477355.3 N X= 502612.5 E LAT.=32.312366° N LONG.=104.324877° W	NAD 83 NME BOTTOM HOLE LOCATION Y= 477413.5 N X= 543794.0 E LAT.=32.312482° N LONG.=104.325382° 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.

Signature: *Joe T. Janica* Date: 04/28/15
Printed Name: Joe T. Janica
E-mail Address: joejanica@valornet.com

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.

OCTOBER 30, 2014

Date of Survey: Signature & Seal of Professional Surveyor: *Ronald J. Eidson*

Professional Surveyor Seal: RONALD J. EIDSON, NEW MEXICO, REG. NO. 3239, EXPIRATION DATE 11/10/2014

Certificate Number: Gary G. Eidson 12641, Ronald J. Eidson 3239

LSL: APPROVED BY WSC W.O.: 14.11.1170

CARLSBAD BPL.

SECTION 6

P.L. TRAIL. RD.

SECTION 7

600'

150' NORTH
OFFSET
3422.8'150' WEST
OFFSET
3423.5'

UNICORN STATE 7 #1H

ELEV. 3427.4'

NAD 27 NME

LAT.=32.325265° N

LONG.=104.324984° W

NAD 83 NME

LAT.=32.325381° N

LONG.=104.325382° W

150' EAST
OFFSET
3432.9'150' SOUTH
OFFSET
3435.7'

600'

NOTE:

1) SEE "LOCATION VERIFICATION MAP"
FOR PROPOSED ROAD LOCATION.

DIRECTIONS TO UNICORN STATE 7 #1H:

FROM THE INTERSECTION OF U.S. HWY 62 & 180 AND CO. RD. 408 (DARK CANYON) GO WEST ON CO RD. 408 APPROX. 3.9 MILES. TURN RIGHT ON CO. RD. 672 (HIDALGO RD.) AND GO NORTHEAST APPROX. 2.75 MILES TURN RIGHT ON PIPELINE ROAD 400' TO THIS LOCATION.

100 0 100 200 Feet

Scale: 1"=100'

OGX OPERATING, LLC

UNICORN STATE 7 #1H WELL
LOCATED 330 FEET FROM THE NORTH LINE
AND 330 FEET FROM THE EAST LINE OF SECTION 7,
TOWNSHIP 23 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

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



Survey Date: 10/30/14

CAD Date: 11/10/14

Drawn By: LSL

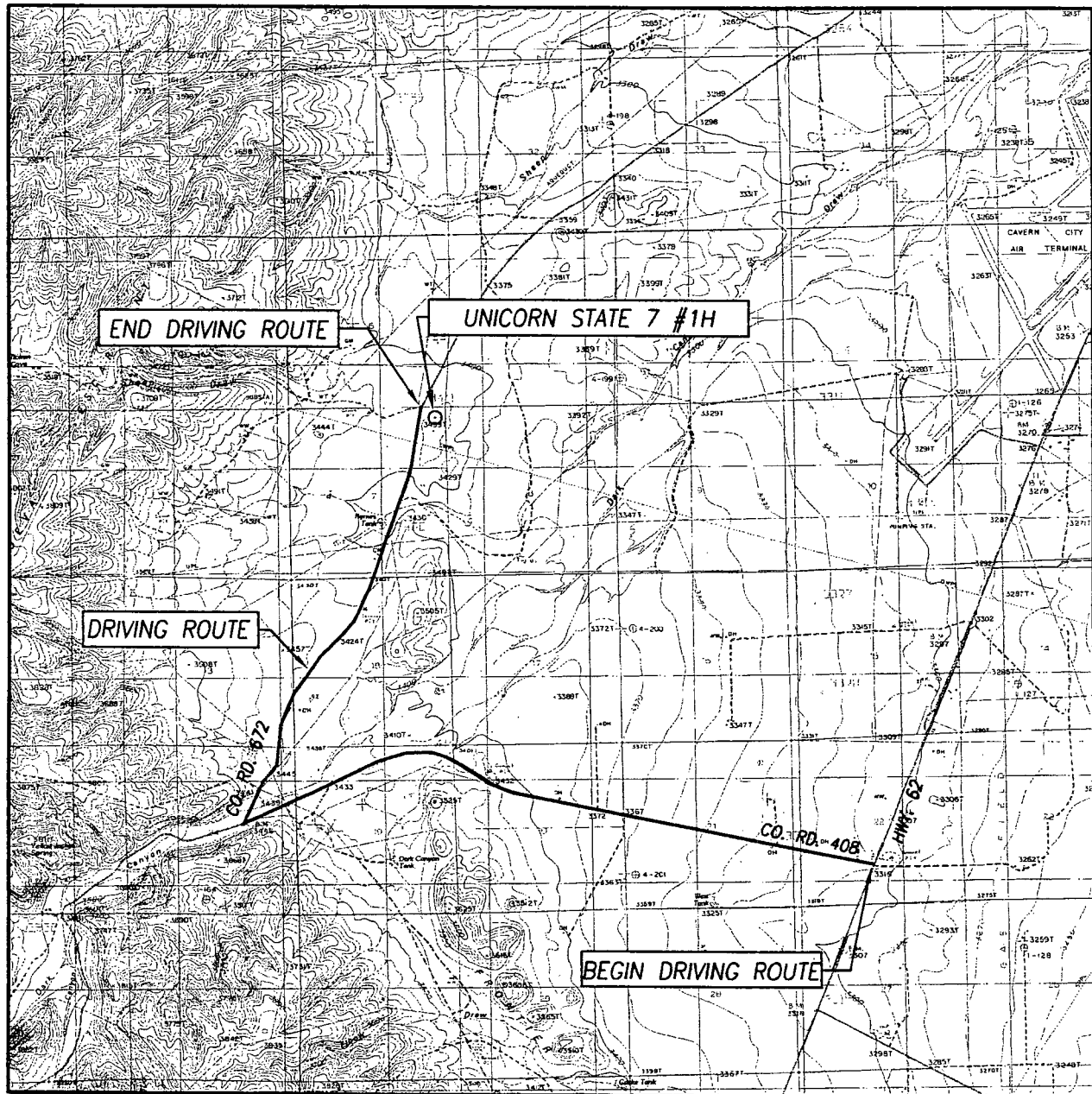
W.O. No.: 14111170

Rev: .

Rel. W.O.:

Sheet 1 of 1

LOCATION VERIFICATION MAP



SCALE: 1" = 5280'

CONTOUR INTERVAL:
KITCHEN COVE, N.M. - 10'

SEC. 7 TWP. 23-S RGE. 26-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 330' FNL & 330' FEL

ELEVATION 3427'

OPERATOR OGX OPERATING, LLC

LEASE UNICORN STATE 7

U.S.G.S. TOPOGRAPHIC MAP

KITCHEN COVE, N.M.

DIRECTIONS TO UNICORN STATE 7 #1H:

FROM THE INTERSECTION OF U.S. HWY 62 & 180 AND CO. RD. 408 (DARK CANYON) GO WEST ON CO. RD. 408 APPROX. 3.9 MILES. TURN RIGHT ON CO. RD. 672 (HIDALGO RD.) AND GO NORTHEAST APPROX. 2.75 MILES TURN RIGHT ON PIPELINE ROAD 400' TO THIS LOCATION.

PROVIDING SURVEYING SERVICES
SINCE 1946

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(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

OGX Operating LLC

Well: Unicorn State 7 Well No. 1H
 Site: Unicorn State 7
 Project: Eddy County, New Mexico
 Design: rev1
 Rig:

Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	-VSecl	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	6041.63	0.00	0.00	6041.63	0.00	0.00	0.00	0.00	0.00	KOP Begin 12.5°/100' build
3	6761.63	90.00	179.59	6500.00	-458.35	3.25	12.50	179.59	458.37	Begin 90.00 lateral section
4	10995.78	90.00	179.59	6500.00	-4692.40	33.30	0.00	0.00	4692.52	PBHL/TD

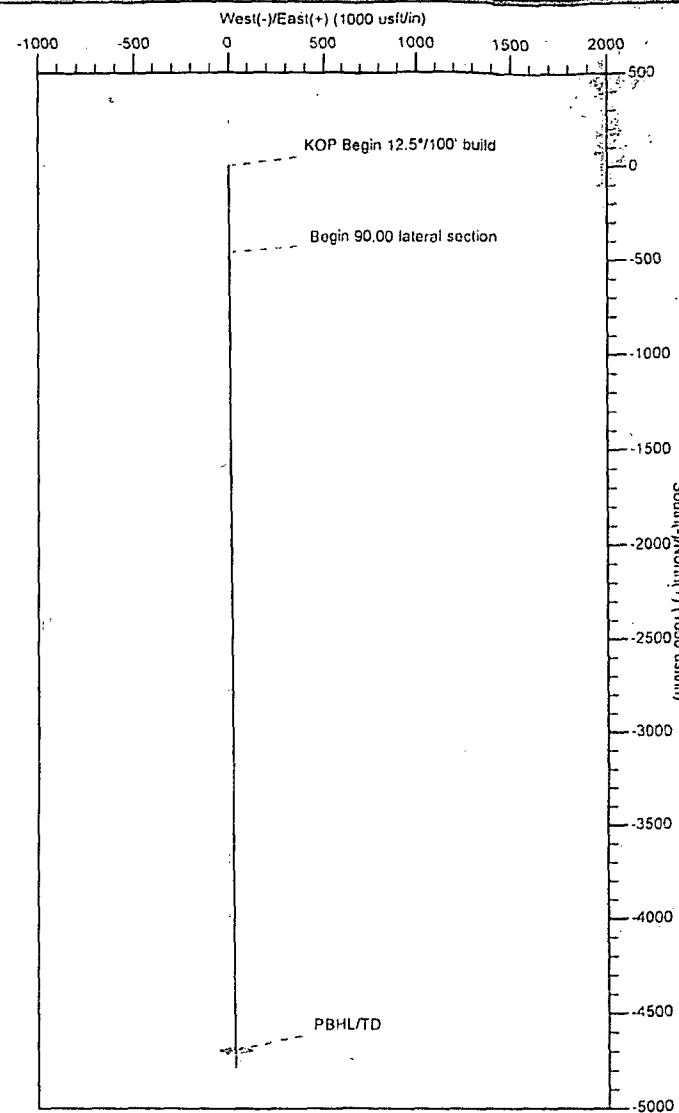
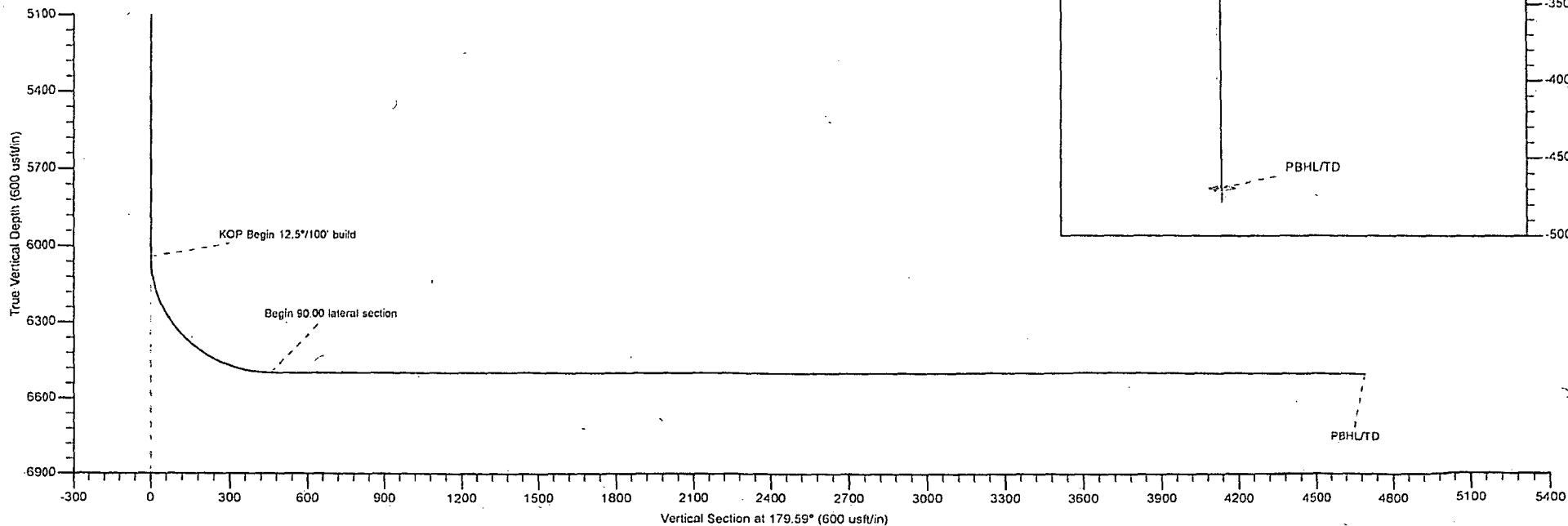
Surface Location: RKB @ 3427.00usft ()
 US State Plane 1927 (Exact solution)
 New Mexico East 3601

Northing: 482047.70 Easting: 502579.20 Latitude: 32.32528495 Longitude: -104.32498358
 Total Correction (M => G) To convert a Magnetic Direction to a Grid Direction, Add 7.51°



Azimuths to Grid North
 True North: 0.00°
 Magnetic North: 7.52°

Magnetic Field
 Strength: 48253.1nT
 Dip Angle: 60.07°
 Date: 11/16/2014
 Model: IGRF2010



Standard_report

Company:	OGX Operating LLC	Local Co-ordinate Reference:	Well Unicorn State 7 Well No. 1H
Project:	Eddy County, New Mexico	TVD Reference:	RKB @ 3427.00usft ()
Site:	Unicorn State 7	MD Reference:	RKB @ 3427.00usft ()
Well:	Unicorn State 7 Well No. 1H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	rev1	Database:	Dbase Nov0914

Project	Eddy County, New Mexico		
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	Unicorn State 7		
Site Position:	Northings:	482,047.70 usft	Latitude: 32.32526495
From: Map	Easting:	502,579.20 usft	Longitude: -104.32498358
Position Uncertainty:	Slot Radius:	13-3/16 "	Grid Convergence: 0.00 °

Well	Unicorn State 7 Well No. 1H, Surf Loc: 330 FNL 330 FEL Sect 7		
Well Position	+N-S	0.00 usft	Northings: 482,047.70 usft
	+E-W	0.00 usft	Easting: 502,579.20 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
			Ground Level: 3,427.00 usft

Wellbore	Original hole		
Magnetics	Model Name	Sample Date	Declination
	IGRF2010	11/16/2014	7.52
			Dip Angle
			60.07
			Field Strength
			48,253

Design	rev1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			179.59

Survey Tool Program	Date 4/21/2015		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		Description
0.00	10,995.78	rev1 (Original hole)	MWD
			MWD - Standard

Standard_report

Company: OGX Operating LLC
 Project: Eddy County, New Mexico
 Site: Unicorn State 7
 Well: Unicorn State 7 Well No. 1H
 Wellbore: Original hole
 Design: rev1

Local Co-ordinate Reference: Well Unicorn State 7 Well No. 1H
 TVD Reference: RKB @ 3427.00usft (-)
 MD Reference: RKB @ 3427.00usft (-)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: Dbase Nov0914

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20

Standard_report

Company:	OGX Operating LLC	Local Co-ordinate Reference:	Well: Unicorn State 7 Well No. 1H
Project:	Eddy County, New Mexico	TVD Reference:	RKB @ 3427.00usft ()
Site:	Unicorn State 7	MD Reference:	RKB @ 3427.00usft ()
Well:	Unicorn State 7 Well No. 1H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	rev1	Database:	Dbase Nov0914

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)		
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20		

Standard_report

Company:	OGX Operating LLC	Local Co-ordinate Reference:	Well Unicorn State 7 Well No. 1H
Project:	Eddy County, New Mexico	TVD Reference:	RKB @ 3427.00usft ()
Site:	Unicorn State 7	MD Reference:	RKB @ 3427.00usft ()
Well:	Unicorn State 7 Well No. 1H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	rev1	Database:	Dbase Nov0914

Planned Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (%/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)	
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
6,041.63	0.00	0.00	6,041.63	0.00	0.00	0.00	0.00	482,047.70	502,579.20	
KOP Begin 12.5°/100' build										
6,100.00	7.30	179.59	6,099.84	-3.71	0.03	12.50	3.71	482,043.99	502,579.23	
6,200.00	19.80	179.59	6,196.87	-27.09	0.19	12.50	27.09	482,020.61	502,579.39	
6,300.00	32.30	179.59	6,286.53	-70.91	0.50	12.50	70.91	481,976.79	502,579.70	
6,400.00	44.80	179.59	6,364.59	-133.10	0.94	12.50	133.10	481,914.60	502,580.14	
6,500.00	57.30	179.59	6,427.33	-210.71	1.50	12.50	210.71	481,836.99	502,580.70	
6,600.00	69.80	179.59	6,471.79	-300.06	2.13	12.50	300.07	481,747.64	502,581.33	
6,700.00	82.30	179.59	6,495.86	-396.91	2.82	12.50	396.92	481,650.79	502,582.02	
6,761.63	90.00	179.59	6,500.00	-458.35	3.25	12.50	458.37	481,589.35	502,582.45	
Begin 90.00 lateral section										
6,800.00	90.00	179.59	6,500.00	-496.72	3.53	0.00	496.74	481,550.98	502,582.73	
6,900.00	90.00	179.59	6,500.00	-596.72	4.23	0.00	596.74	481,450.98	502,583.43	
7,000.00	90.00	179.59	6,500.00	-696.72	4.94	0.00	696.74	481,350.98	502,584.14	
7,100.00	90.00	179.59	6,500.00	-796.72	5.65	0.00	796.74	481,250.98	502,584.85	
7,200.00	90.00	179.59	6,500.00	-896.71	6.36	0.00	896.74	481,150.99	502,585.56	
7,300.00	90.00	179.59	6,500.00	-996.71	7.07	0.00	996.74	481,050.99	502,586.27	
7,400.00	90.00	179.59	6,500.00	-1,096.71	7.78	0.00	1,096.74	480,950.99	502,586.98	
7,500.00	90.00	179.59	6,500.00	-1,196.71	8.49	0.00	1,196.74	480,850.99	502,587.69	
7,600.00	90.00	179.59	6,500.00	-1,296.70	9.20	0.00	1,296.74	480,751.00	502,588.40	

Standard_report

Company: OGX Operating LLC
 Project: Eddy County, New Mexico
 Site: Unicorn State 7
 Well: Unicorn State 7 Well No. 1H
 Wellbore: Original hole
 Design: rev1

Local Co-ordinate Reference: Well Unicorn State 7 Well No. 1H
 TVD Reference: RKB @ 3427.00usft ()
 MD Reference: RKB @ 3427.00usft ()
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: Dbase Nov0914

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (%/100usft)	V-Sec (usft)	Northing (usft)	Easting (usft)
7,700.00	90.00	179.59	6,500.00	-1,396.70	9.91	0.00	1,396.74	480,651.00	502,589.11
7,800.00	90.00	179.59	6,500.00	-1,496.70	10.62	0.00	1,496.74	480,551.00	502,589.82
7,900.00	90.00	179.59	6,500.00	-1,596.70	11.33	0.00	1,596.74	480,451.00	502,590.53
8,000.00	90.00	179.59	6,500.00	-1,696.69	12.04	0.00	1,696.74	480,351.01	502,591.24
8,100.00	90.00	179.59	6,500.00	-1,796.69	12.75	0.00	1,796.74	480,251.01	502,591.95
8,200.00	90.00	179.59	6,500.00	-1,896.69	13.46	0.00	1,896.74	480,151.01	502,592.66
8,300.00	90.00	179.59	6,500.00	-1,996.69	14.17	0.00	1,996.74	480,051.01	502,593.37
8,400.00	90.00	179.59	6,500.00	-2,096.68	14.88	0.00	2,096.74	479,951.02	502,594.08
8,500.00	90.00	179.59	6,500.00	-2,196.68	15.59	0.00	2,196.74	479,851.02	502,594.79
8,600.00	90.00	179.59	6,500.00	-2,296.68	16.30	0.00	2,296.74	479,751.02	502,595.50
8,700.00	90.00	179.59	6,500.00	-2,396.68	17.01	0.00	2,396.74	479,651.02	502,596.21
8,800.00	90.00	179.59	6,500.00	-2,496.67	17.72	0.00	2,496.74	479,551.03	502,596.92
8,900.00	90.00	179.59	6,500.00	-2,596.67	18.43	0.00	2,596.74	479,451.03	502,597.63
9,000.00	90.00	179.59	6,500.00	-2,696.67	19.14	0.00	2,696.74	479,351.03	502,598.34
9,100.00	90.00	179.59	6,500.00	-2,796.67	19.85	0.00	2,796.74	479,251.03	502,599.05
9,200.00	90.00	179.59	6,500.00	-2,896.66	20.56	0.00	2,896.74	479,151.04	502,599.76
9,300.00	90.00	179.59	6,500.00	-2,996.66	21.27	0.00	2,996.74	479,051.04	502,600.47
9,400.00	90.00	179.59	6,500.00	-3,096.66	21.98	0.00	3,096.74	478,951.04	502,601.18
9,500.00	90.00	179.59	6,500.00	-3,196.66	22.69	0.00	3,196.74	478,851.04	502,601.89
9,600.00	90.00	179.59	6,500.00	-3,296.65	23.39	0.00	3,296.74	478,751.05	502,602.59
9,700.00	90.00	179.59	6,500.00	-3,396.65	24.10	0.00	3,396.74	478,651.05	502,603.30
9,800.00	90.00	179.59	6,500.00	-3,496.65	24.81	0.00	3,496.74	478,551.05	502,604.01
9,900.00	90.00	179.59	6,500.00	-3,596.65	25.52	0.00	3,596.74	478,451.05	502,604.72
10,000.00	90.00	179.59	6,500.00	-3,696.64	26.23	0.00	3,696.74	478,351.06	502,605.43
10,100.00	90.00	179.59	6,500.00	-3,796.64	26.94	0.00	3,796.74	478,251.06	502,606.14
10,200.00	90.00	179.59	6,500.00	-3,896.64	27.65	0.00	3,896.74	478,151.06	502,606.85
10,300.00	90.00	179.59	6,500.00	-3,996.64	28.36	0.00	3,996.74	478,051.06	502,607.56

Standard_report

Company:	OGX Operating LLC	Local Co-ordinate Reference:	Well Unicorn State 7 Well No. 1H
Project:	Eddy County, New Mexico	TVD Reference:	RKB @ 3427.00usft ()
Site:	Unicorn State 7	MD Reference:	RKB @ 3427.00usft ()
Well:	Unicorn State 7 Well No. 1H	North Reference:	Grid
Wellbore:	Original hole	Survey Calculation Method:	Minimum Curvature
Design:	rev1	Database:	Dbase Nov0914

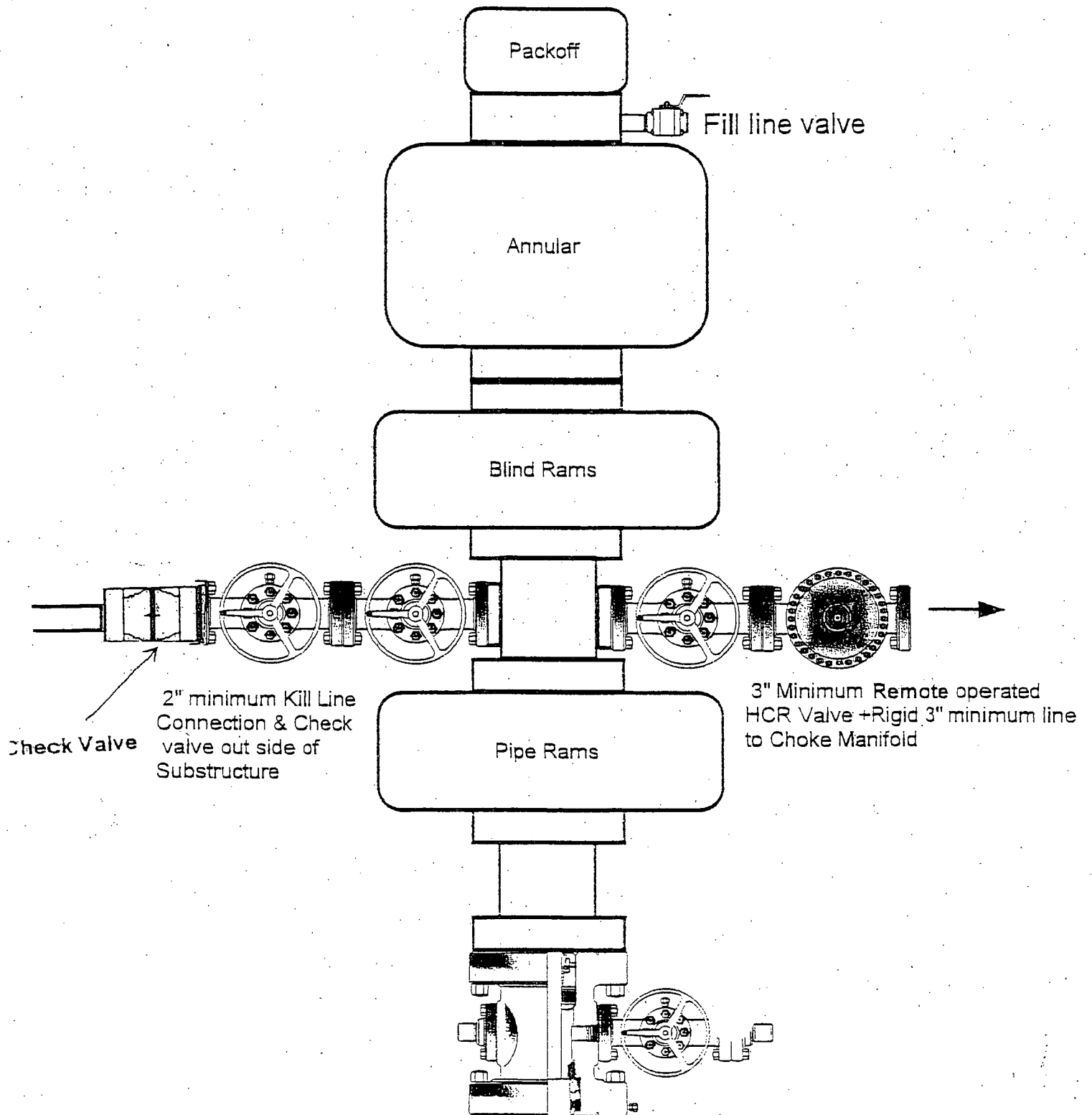
Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
10,400.00	90.00	179.59	6,500.00	-4,096.63	29.07	0.00	4,096.74	477,951.07	502,608.27
10,500.00	90.00	179.59	6,500.00	-4,196.63	29.78	0.00	4,196.74	477,851.07	502,608.98
10,600.00	90.00	179.59	6,500.00	-4,296.63	30.49	0.00	4,296.74	477,751.07	502,609.69
10,700.00	90.00	179.59	6,500.00	-4,396.63	31.20	0.00	4,396.74	477,651.07	502,610.40
10,800.00	90.00	179.59	6,500.00	-4,496.62	31.91	0.00	4,496.74	477,551.08	502,611.11
10,900.00	90.00	179.59	6,500.00	-4,596.62	32.62	0.00	4,596.74	477,451.08	502,611.82
10,995.78	90.00	179.59	6,500.00	-4,692.40	33.30	0.00	4,692.52	477,355.30	502,612.50
PBHL/TD									

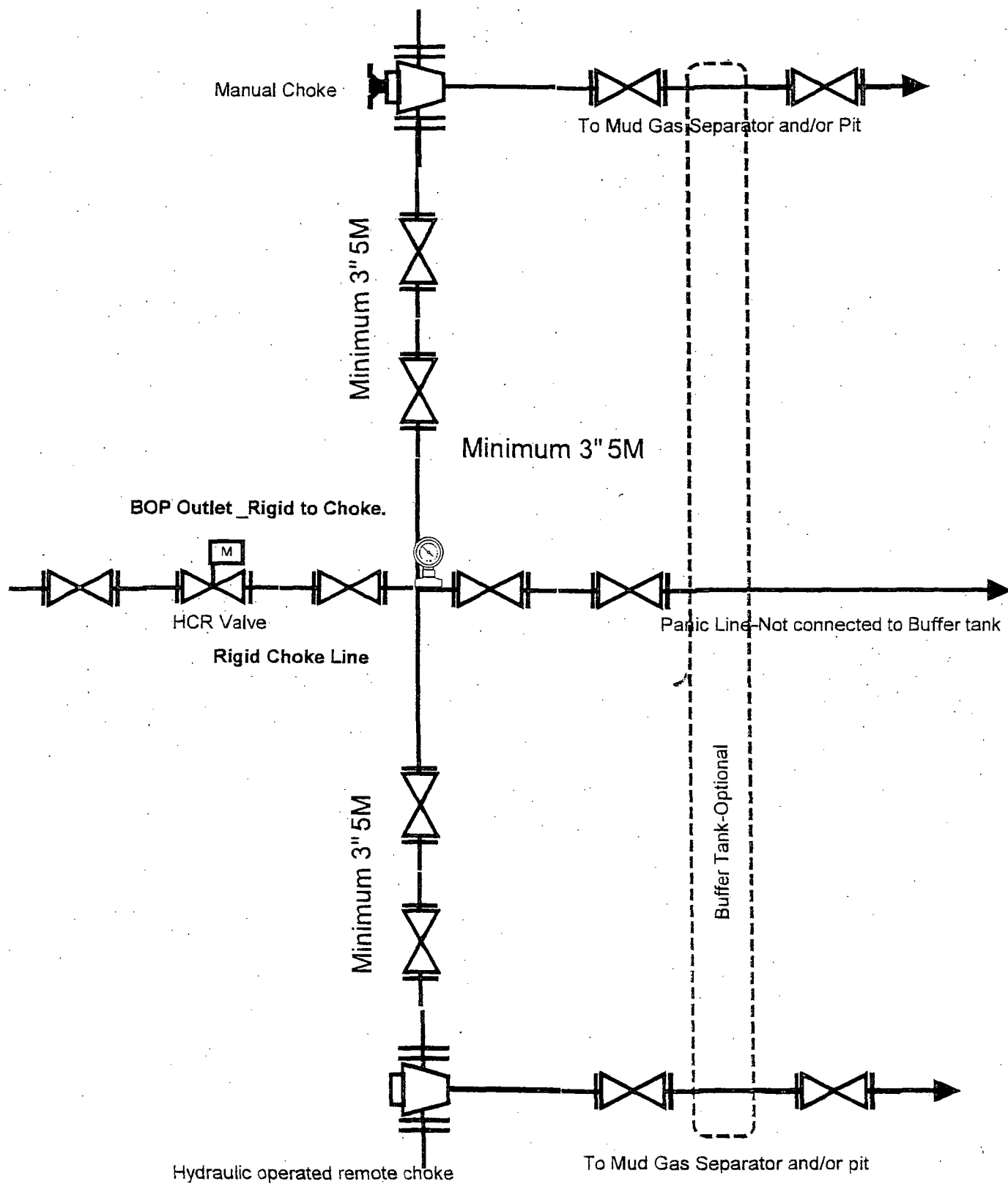
Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
6,041.63	6,041.63	0.00	0.00	KOP Begin 12.5°/100' build
6,761.63	6,500.00	-458.35	3.25	Begin 90.00 lateral section
10,995.78	6,500.00	-4,692.40	33.30	PBHL/TD

OGX OPERATING, LLC.
UNICORN "7" STATE #1H
5000 PSI 13 5/8" BOP



5,000 psi Manifold Equipment- Configuration of chokes may vary.



OGX RESOURCES, LLC.

UNICORN "7" STATE #1H

330' FNL & 330' FEL

SECTION 7 T23S-R26E EDDY CO. NM

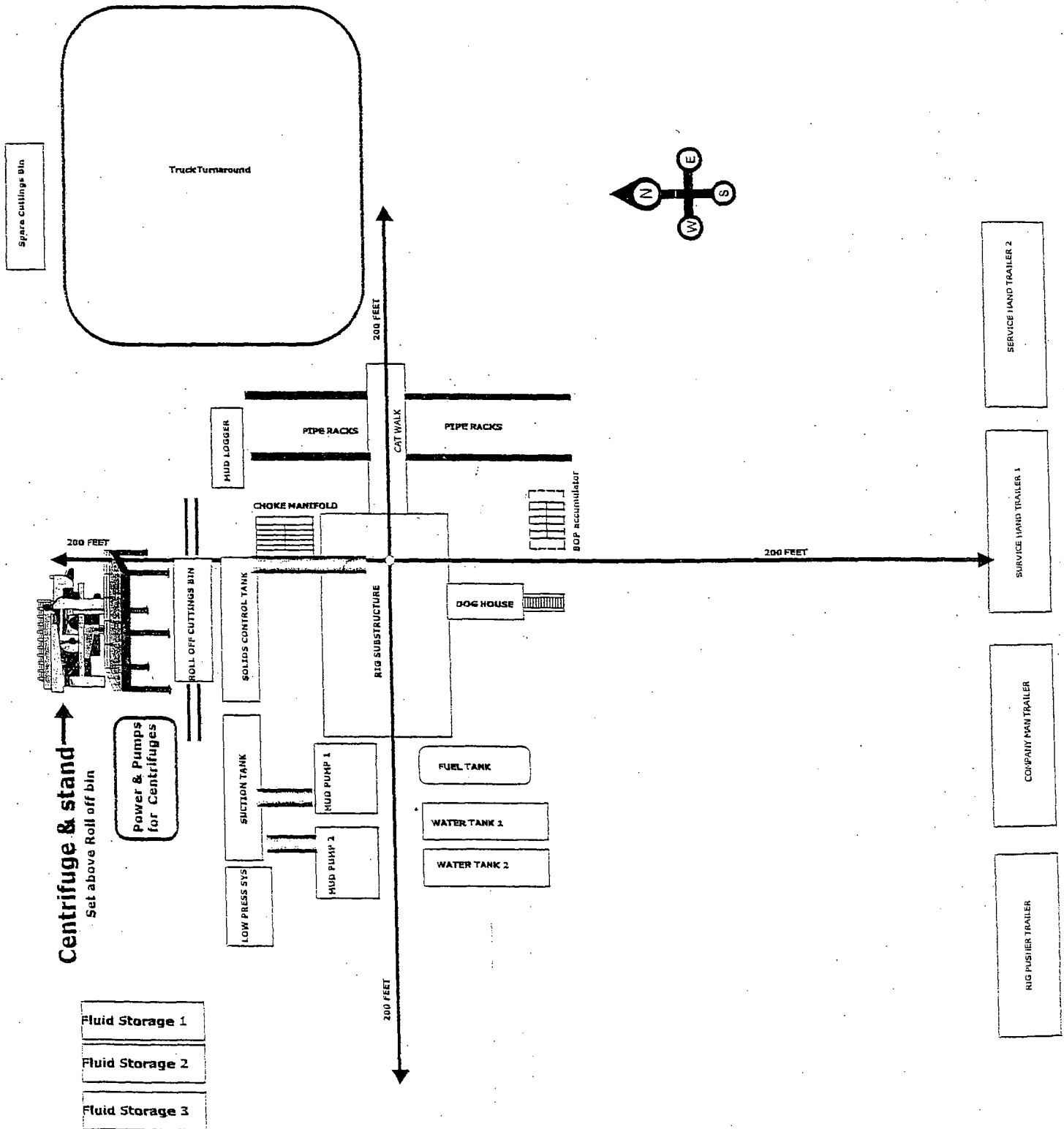
OPERATIONS AND MAINTENANCE PLAN

Closed loop equipment will be inspected and monitored closely on a daily basis by each drilling rig Tour and by those hired specifically to operate the equipment. Any leak or release detected will be repaired immediately and the proper NMOCD official will be notified within 48 hour requirement. A large release will require OGX RESOURCES, LLC. Representatives to contact OCD immediately at the Artesia field office 748-1283 as stated by NMOCD rule 116 .

CLOSURE PLAN

During and after drilling operations, liquids (which apply) all drill cuttings and drilling fluids will be handled and disposed of at the R-360 disposal (permit number NM-01-0006) located approximately 30 miles East of Carlsbad, New Mexico. An alternate approved disposal site has been selected Parabo disposal "Sundance " which is 4 miles East of Eunice (permit # NM 01-0003). The second site would be used in the event of economics or physical problems with R-360 disposal.

Closed Loop Oil Well



Note: The Rig and Closed System Company for this well have not been selected thus the set up shown is simply generic.