

District I
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
June 16, 2008

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 OGX RESOURCES, LLC. P. O. BOX 2064 MIDLAND, TEXAS 79702		² OGRID Number 217955
³ Property Code 37487		⁴ Property Name REPOSADO "2" STATE
⁵ Proposed Pool 1 (8085) BRUSHY DRAW DELAWARE-NORTH		⁶ 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
A	2	26S	29E		400'	North	990'	East
					County EDDY			

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
P	2	26S	29E		330'	South	990'	East
					County EDDY			

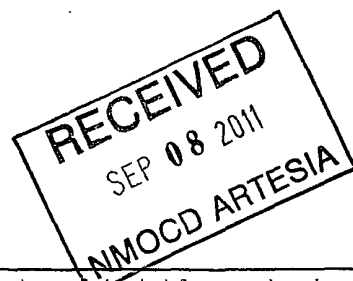
Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3027'
¹⁶ Multiple NO	¹⁷ Proposed Depth MD-11,895'	¹⁸ Formation LEANORD SHALE	¹⁹ Contractor SILVER OAK	²⁰ Spud Date WHEN APPROVED

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Conductor	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48#	525'	410 Sx.	Surface
11"	8 5/8"	32#	3170'	700 Sx.	Surface
7 7/8"	5 1/2"	17#	11,895'	1417 Sx.	2800' FS

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.



SEE ATTACHED SHEET FOR DETAIL

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: Joe T. Janica		Approved by: [Signature]	
Printed name: Joe T. Janica		Title:	
Title: Permit Eng.		Approval Date: 09/26/11	Expiration Date: 09/26/13
E-mail Address: joejanica@valornet.com			
Date: 09/06/11	Phone: 575-391-8503	Conditions of Approval Attached ☐	

OGX RESOURCES, LLC.
REPOSADO "2" STATE #2H
UNIT "A" SECTION 2
T26S-R29E EDDY CO. NM

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix
2. Drill 17½" hole to 525'. Run and set 525' of 13 3/8" 48# H-40 ST&C casing. Cement with 210 Sx. of 35/65 Class "C" Premium Plus POZ cement + 6% Bentonite + 5% Salt, + 0.7% Sodium Metasilicate, + 5# LCM/Sx. Yield 2.00, tail in with 200 Sx. of Class "C" Premium Plus cement + 2% CaCl, Yield 1.34, circulate cement to surface.
3. Drill 11" hole to 3170'. Run and set 3170' of 8 5/8" 32# J-55 ST&C casing. Cement with 500 Sx. of 35/65 Class "C" premium Plus POZ cement + 4% Bentonite, + 5% Salt, + 5% MPA-5, + 0.7% Sodium Metasilicate, + 5# LCM/Sx. Yield 2.02, tail in with 200 Sx. of Class "C" cement + 2% CaCl, Yield 1.34, circulate cement to surface.
4. Drill 5½" hole to 11,895' MD. Run and set 11,895' of 5½" casing as follows: 5000' of 5½" 17# N-80 BT&C, 6895' of 5½" 17# N-80 LT&C casing. Cement with 810 Sx. of Premium Plus Class "H" cement, + 0.75 FL-62, + 0.4% BA-10A, + 0.1% FL-62, Yield 2.44, tail in with 607 Sx. of Class "C" POZ cement + 10% Bentonite, + 5% Salt, Yield 1.33. Estimate top of cement 2800' from surface.

THIS WELL WILL BE DRILLED WITH A CLOSED MUD SYSTEM.



SECTION DETAILS

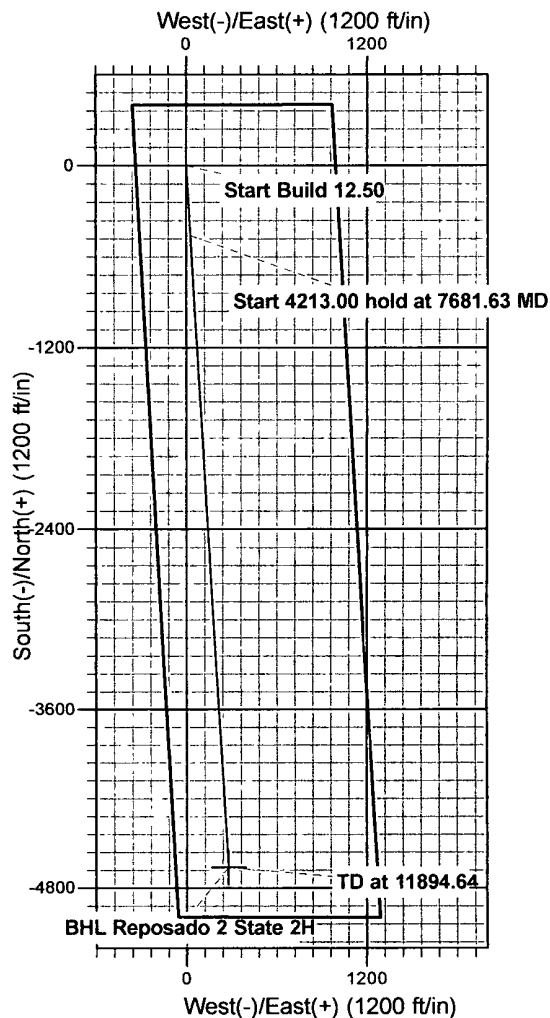
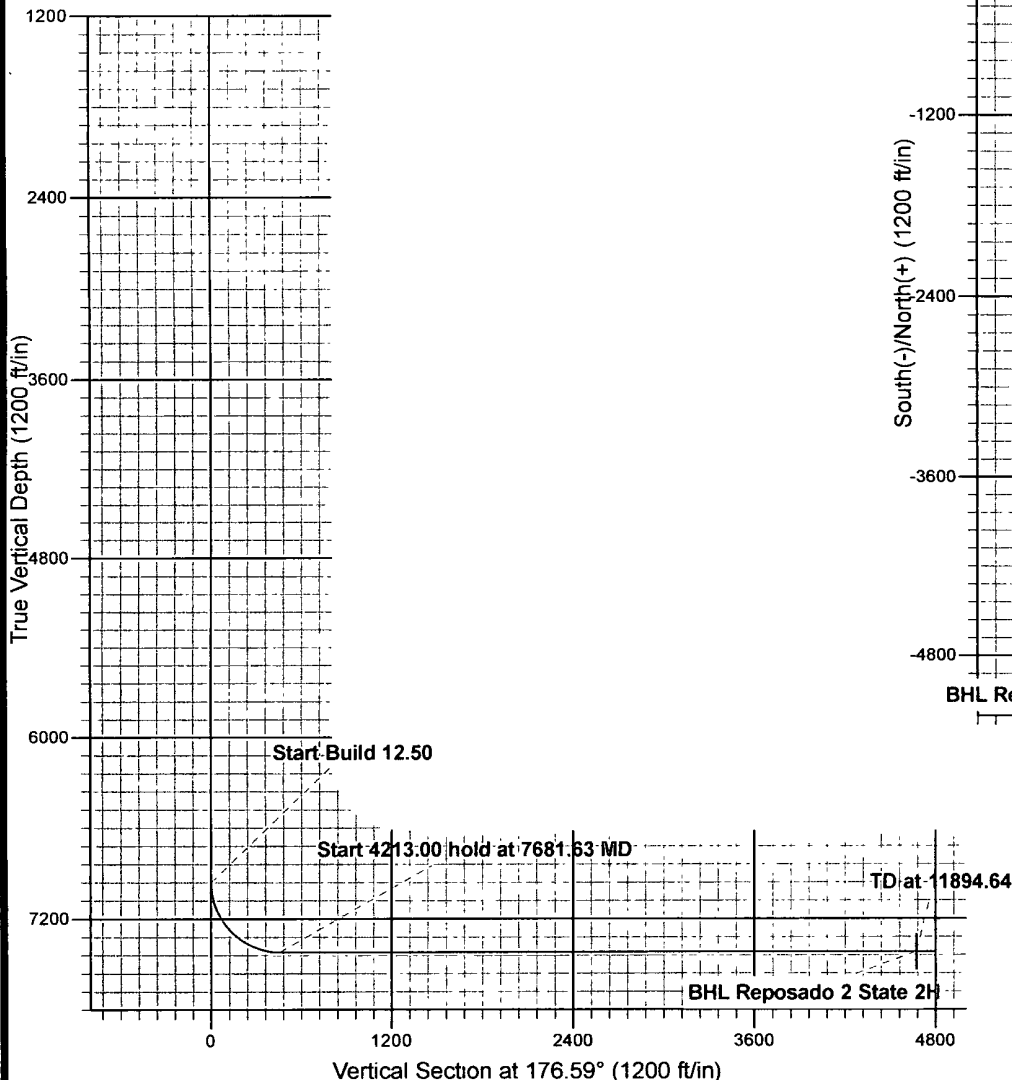
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSoc	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6961.63	0.00	0.00	6961.63	0.00	0.00	0.00	0.00	0.00	
7681.63	90.00	176.59	7420.00	-457.56	27 25	12.50	176 59	458 37	
11894.64	90.00	176.59	7420.00	-4663.11	277.70	0.00	0.00	4671 37	BHL Reposado 2 State 2H

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
BHL Reposado 2 State 2H	7420.00-4663.11	277.70	Point	

WELL DETAILS: Reposado 2 State 2H

	Ground Level:	3027.00		
Northing	Easting	Latitude	Longitude	
392220.00	619011.50	32° 4' 39.88 N	103° 56' 56.74 W	



OGX Resources

Eddy County, New Mexico (Nad27)

Reposado 2 State

Reposado 2 State 2H

Wellbore #1

Plan: Plan #1 082211

OGX Resources

22 August, 2011



Phoenix Technology Services
OGX Resources



Company:	OGX Resources	Local Co-ordinate Reference:	Well Reposado 2 State 2H
Project:	Eddy County, New Mexico (Nad27)	TVD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
Site:	Reposado 2 State	MD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
Well:	Reposado 2 State 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 082211	Database:	GCR3

Project	Eddy County, New Mexico (Nad27)		
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	Reposado 2 State		
Site Position:		Northing:	392,220.00 ft
From:	Map	Easting:	619,011.50 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 4' 39.88 N
		Longitude:	103° 56' 56.74 W
		Grid Convergence:	0.20 °

Well	Reposado 2 State 2H		
Well Position	+N/-S	0.00 ft	Northing: 392,220.00 ft
	+E/-W	0.00 ft	Easting: 619,011.50 ft
Position Uncertainty		0.00 ft	Wellhead Elevation: ft
			Latitude: 32° 4' 39.88 N
			Longitude: 103° 56' 56.74 W
			Ground Level: 3,027.00 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010_14	8/22/2011	7.72
			Dip Angle (°)
			59.98
			Field Strength (nT)
			48,469

Design	Plan #1 082211		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.00	0.00	0.00
			Direction (°)
			176.59

Survey Tool Program	Date	8/22/2011		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	11,894.64	Plan #1 082211 (Wellbore #1)	MWD	MWD - Standard

Phoenix Technology Services

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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 082211	Database:	GCR3

Planned Survey										
MD (ft)	Inc (°)	Azi (azimuth) (°)	TVDSS (ft)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0 00	0 00	0 00	-3,045.00	0 00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
100.00	0 00	0 00	-2,945.00	100.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
200.00	0 00	0 00	-2,845.00	200.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
300.00	0 00	0 00	-2,745.00	300.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
400.00	0 00	0 00	-2,645.00	400.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
500.00	0 00	0 00	-2,545.00	500.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
600.00	0 00	0 00	-2,445.00	600.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
700.00	0 00	0 00	-2,345.00	700.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
800.00	0 00	0 00	-2,245.00	800.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
900.00	0 00	0 00	-2,145.00	900.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,000.00	0 00	0 00	-2,045.00	1,000.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,100.00	0 00	0 00	-1,945.00	1,100.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,200.00	0 00	0 00	-1,845.00	1,200.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,300.00	0 00	0 00	-1,745.00	1,300.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,400.00	0 00	0 00	-1,645.00	1,400.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,500.00	0 00	0 00	-1,545.00	1,500.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,600.00	0 00	0 00	-1,445.00	1,600.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,700.00	0 00	0 00	-1,345.00	1,700.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,800.00	0 00	0 00	-1,245.00	1,800.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
1,900.00	0 00	0 00	-1,145.00	1,900.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,000.00	0 00	0 00	-1,045.00	2,000.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,100.00	0 00	0 00	-945.00	2,100.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,200.00	0 00	0 00	-845.00	2,200.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,300.00	0 00	0 00	-745.00	2,300.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,400.00	0 00	0 00	-645.00	2,400.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,500.00	0 00	0 00	-545.00	2,500.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50
2,600.00	0 00	0 00	-445.00	2,600.00	0 00	0 00	0 00	0 00	392,220.00	619,011.50

Phoenix Technology Services
OGX Resources



Company:	OGX Resources	Local Co-ordinate Reference:	Well Reposado 2 State 2H
Project:	Eddy County, New Mexico (Nad27)	TVD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 082211	Database:	GCR3

Planned Survey										
MD (ft)	Inc (°)	Azi (azimuth) (°)	TVDSS (ft)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
2,700.00	0.00	0.00	-345.00	2,700.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
2,800.00	0.00	0.00	-245.00	2,800.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
2,900.00	0.00	0.00	-145.00	2,900.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,000.00	0.00	0.00	-45.00	3,000.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,100.00	0.00	0.00	55.00	3,100.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,200.00	0.00	0.00	155.00	3,200.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,300.00	0.00	0.00	255.00	3,300.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,400.00	0.00	0.00	355.00	3,400.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,500.00	0.00	0.00	455.00	3,500.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,600.00	0.00	0.00	555.00	3,600.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,700.00	0.00	0.00	655.00	3,700.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,800.00	0.00	0.00	755.00	3,800.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
3,900.00	0.00	0.00	855.00	3,900.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,000.00	0.00	0.00	955.00	4,000.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,100.00	0.00	0.00	1,055.00	4,100.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,200.00	0.00	0.00	1,155.00	4,200.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,300.00	0.00	0.00	1,255.00	4,300.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,400.00	0.00	0.00	1,355.00	4,400.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,500.00	0.00	0.00	1,455.00	4,500.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,600.00	0.00	0.00	1,555.00	4,600.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,700.00	0.00	0.00	1,655.00	4,700.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,800.00	0.00	0.00	1,755.00	4,800.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
4,900.00	0.00	0.00	1,855.00	4,900.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
5,000.00	0.00	0.00	1,955.00	5,000.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
5,100.00	0.00	0.00	2,055.00	5,100.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
5,200.00	0.00	0.00	2,155.00	5,200.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50
5,300.00	0.00	0.00	2,255.00	5,300.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50

Phoenix Technology Services
OGX Resources



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Project:	Eddy County, New Mexico (Nad27)	TVD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
Site:	Reposado 2 State	MD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
Well:	Reposado 2 State 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 082211	Database:	GCR3

Planned Survey											
MD (ft)	Inc (°)	Azi (azimuth) (°)	TVDSS (ft)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
5,400.00	0.00	0.00	2,355.00	5,400.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
5,500.00	0.00	0.00	2,455.00	5,500.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
5,600.00	0.00	0.00	2,555.00	5,600.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
5,700.00	0.00	0.00	2,655.00	5,700.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
5,800.00	0.00	0.00	2,755.00	5,800.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
5,900.00	0.00	0.00	2,855.00	5,900.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,000.00	0.00	0.00	2,955.00	6,000.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,100.00	0.00	0.00	3,055.00	6,100.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,200.00	0.00	0.00	3,155.00	6,200.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,300.00	0.00	0.00	3,255.00	6,300.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,400.00	0.00	0.00	3,355.00	6,400.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,500.00	0.00	0.00	3,455.00	6,500.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,600.00	0.00	0.00	3,555.00	6,600.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,700.00	0.00	0.00	3,655.00	6,700.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,800.00	0.00	0.00	3,755.00	6,800.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,900.00	0.00	0.00	3,855.00	6,900.00	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
6,961.63	0.00	0.00	3,916.63	6,961.63	0.00	0.00	0.00	0.00	392,220.00	619,011.50	
Start Build 12.50											
7,000.00	4.80	176.59	3,954.96	6,999.96	-1.60	0.10	1.60	12.50	392,218.40	619,011.60	
7,100.00	17.30	176.59	4,052.91	7,097.91	-20.69	1.23	20.73	12.50	392,199.31	619,012.73	
7,200.00	29.80	176.59	4,144.40	7,189.40	-60.49	3.60	60.60	12.50	392,159.51	619,015.10	
7,300.00	42.30	176.59	4,225.09	7,270.09	-119.11	7.09	119.32	12.50	392,100.89	619,018.59	
7,400.00	54.80	176.59	4,291.17	7,336.17	-193.78	11.54	194.12	12.50	392,026.22	619,023.04	
7,500.00	67.30	176.59	4,339.48	7,384.48	-280.95	16.73	281.45	12.50	391,939.05	619,028.23	
7,600.00	79.80	176.59	4,367.75	7,412.75	-376.50	22.42	377.16	12.50	391,843.50	619,033.92	
7,681.63	90.00	176.59	4,375.00	7,420.00	-457.56	27.25	458.37	12.50	391,762.44	619,038.75	
Start 4213.00 hold at 7681.63 MD											

Phoenix Technology Services
OGX Resources



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Planned Survey										
MD (ft)	Inc (°)	Azi (azimuth) (°)	TVDSS (ft)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
7,700.00	90.00	176.59	4,375.00	7,420.00	-475.89	28.34	476.73	0.00	391,744.11	619,039.84
7,800.00	90.00	176.59	4,375.00	7,420.00	-575.71	34.29	576.73	0.00	391,644.28	619,045.79
7,900.00	90.00	176.59	4,375.00	7,420.00	-675.54	40.23	676.73	0.00	391,544.47	619,051.73
8,000.00	90.00	176.59	4,375.00	7,420.00	-775.36	46.17	776.73	0.00	391,444.64	619,057.67
8,100.00	90.00	176.59	4,375.00	7,420.00	-875.18	52.12	876.73	0.00	391,344.82	619,063.62
8,200.00	90.00	176.59	4,375.00	7,420.00	-975.01	58.06	976.73	0.00	391,245.00	619,069.56
8,300.00	90.00	176.59	4,375.00	7,420.00	-1,074.83	64.01	1,076.73	0.00	391,145.17	619,075.51
8,400.00	90.00	176.59	4,375.00	7,420.00	-1,174.65	69.95	1,176.73	0.00	391,045.35	619,081.45
8,500.00	90.00	176.59	4,375.00	7,420.00	-1,274.47	75.90	1,276.73	0.00	390,945.53	619,087.40
8,600.00	90.00	176.59	4,375.00	7,420.00	-1,374.30	81.84	1,376.73	0.00	390,845.70	619,093.34
8,700.00	90.00	176.59	4,375.00	7,420.00	-1,474.12	87.79	1,476.73	0.00	390,745.88	619,099.29
8,800.00	90.00	176.59	4,375.00	7,420.00	-1,573.94	93.73	1,576.73	0.00	390,646.06	619,105.23
8,900.00	90.00	176.59	4,375.00	7,420.00	-1,673.77	99.68	1,676.73	0.00	390,546.24	619,111.18
9,000.00	90.00	176.59	4,375.00	7,420.00	-1,773.59	105.62	1,776.73	0.00	390,446.41	619,117.12
9,100.00	90.00	176.59	4,375.00	7,420.00	-1,873.41	111.57	1,876.73	0.00	390,346.59	619,123.07
9,200.00	90.00	176.59	4,375.00	7,420.00	-1,973.24	117.51	1,976.73	0.00	390,246.77	619,129.01
9,300.00	90.00	176.59	4,375.00	7,420.00	-2,073.06	123.46	2,076.73	0.00	390,146.94	619,134.96
9,400.00	90.00	176.59	4,375.00	7,420.00	-2,172.88	129.40	2,176.73	0.00	390,047.12	619,140.90
9,500.00	90.00	176.59	4,375.00	7,420.00	-2,272.71	135.35	2,276.73	0.00	389,947.30	619,146.85
9,600.00	90.00	176.59	4,375.00	7,420.00	-2,372.53	141.29	2,376.73	0.00	389,847.48	619,152.79
9,700.00	90.00	176.59	4,375.00	7,420.00	-2,472.35	147.24	2,476.73	0.00	389,747.65	619,158.73
9,800.00	90.00	176.59	4,375.00	7,420.00	-2,572.18	153.18	2,576.73	0.00	389,647.83	619,164.68
9,900.00	90.00	176.59	4,375.00	7,420.00	-2,672.00	159.12	2,676.73	0.00	389,548.01	619,170.62
10,000.00	90.00	176.59	4,375.00	7,420.00	-2,771.82	165.07	2,776.73	0.00	389,448.18	619,176.57
10,100.00	90.00	176.59	4,375.00	7,420.00	-2,871.65	171.01	2,876.73	0.00	389,348.36	619,182.51
10,200.00	90.00	176.59	4,375.00	7,420.00	-2,971.47	176.96	2,976.73	0.00	389,248.54	619,188.46
10,300.00	90.00	176.59	4,375.00	7,420.00	-3,071.29	182.90	3,076.73	0.00	389,148.71	619,194.40

Phoenix Technology Services
OGX Resources



Company:	OGX Resources	Local Co-ordinate Reference:	Well Reposado 2 State 2H
Project:	Eddy County, New Mexico (Nad27)	TVD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
Site:	Reposado 2 State	MD Reference:	WELL @ 3045.00ft (Original Well Elev + 18' KB)
Well:	Reposado 2 State 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1 082211	Database:	GCR3

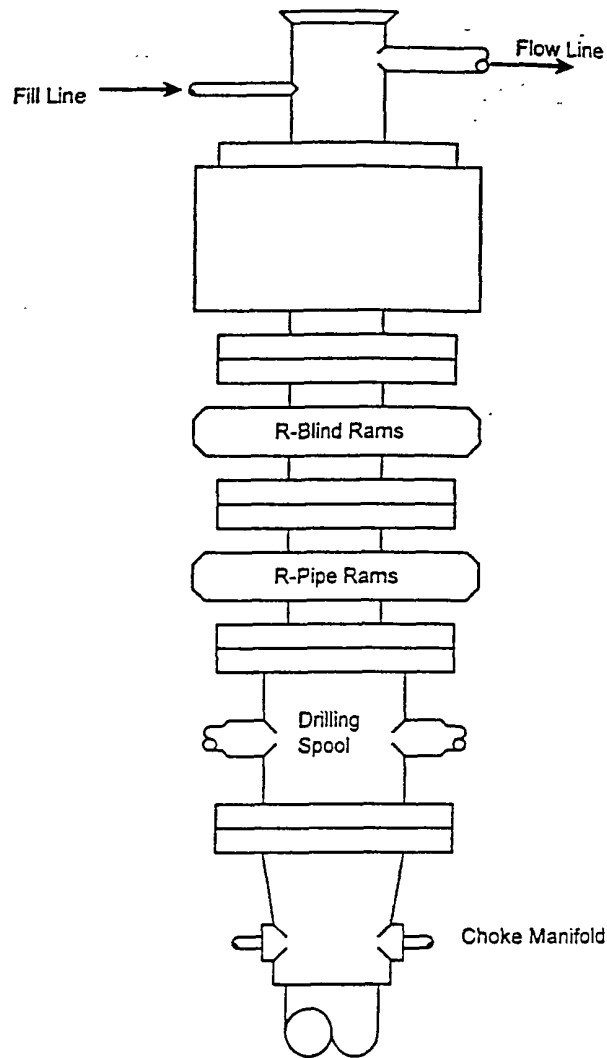
Planned Survey											
MD (ft)	Inc (°)	Azi (azimuth) (°)	TVDSS (ft)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
10,400.00	90.00	176.59	4,375.00	7,420.00	-3,171.11	188.85	3,176.73	0.00	389,048.89	619,200.35	
10,500.00	90.00	176.59	4,375.00	7,420.00	-3,270.94	194.79	3,276.73	0.00	388,949.07	619,206.29	
10,600.00	90.00	176.59	4,375.00	7,420.00	-3,370.76	200.74	3,376.73	0.00	388,849.25	619,212.24	
10,700.00	90.00	176.59	4,375.00	7,420.00	-3,470.58	206.68	3,476.73	0.00	388,749.42	619,218.18	
10,800.00	90.00	176.59	4,375.00	7,420.00	-3,570.41	212.63	3,576.73	0.00	388,649.60	619,224.13	
10,900.00	90.00	176.59	4,375.00	7,420.00	-3,670.23	218.57	3,676.73	0.00	388,549.78	619,230.07	
11,000.00	90.00	176.59	4,375.00	7,420.00	-3,770.05	224.52	3,776.73	0.00	388,449.95	619,236.02	
11,100.00	90.00	176.59	4,375.00	7,420.00	-3,869.88	230.46	3,876.73	0.00	388,350.13	619,241.96	
11,200.00	90.00	176.59	4,375.00	7,420.00	-3,969.70	236.41	3,976.73	0.00	388,250.31	619,247.91	
11,300.00	90.00	176.59	4,375.00	7,420.00	-4,069.52	242.35	4,076.73	0.00	388,150.49	619,253.85	
11,400.00	90.00	176.59	4,375.00	7,420.00	-4,169.35	248.30	4,176.73	0.00	388,050.66	619,259.80	
11,500.00	90.00	176.59	4,375.00	7,420.00	-4,269.17	254.24	4,276.73	0.00	387,950.84	619,265.74	
11,600.00	90.00	176.59	4,375.00	7,420.00	-4,368.99	260.19	4,376.73	0.00	387,851.02	619,271.68	
11,700.00	90.00	176.59	4,375.00	7,420.00	-4,468.82	266.13	4,476.73	0.00	387,751.19	619,277.63	
11,800.00	90.00	176.59	4,375.00	7,420.00	-4,568.64	272.07	4,576.73	0.00	387,651.37	619,283.57	
11,894.64	90.00	176.59	4,375.00	7,420.00	-4,663.11	277.70	4,671.37	0.00	387,556.90	619,289.20	
TD at 11894.64											

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,961.63	6,961.63	0.00	0.00	Start Build 12.50
7,681.63	7,420.00	-457.56	27.25	Start 4213.00 hold at 7681.63 MD
11,894.64	7,420.00	-4,663.11	277.70	TD at 11894.64

Checked By: _____	Approved By: _____	Date: _____
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BLOWOUT PREVENTER SYSTEM

3000 PSI



Type 900 SERIES
3000 PSI WP

Choke Manifold Assembly for 5M WP System

