

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

Operator Name and Address OGX RESOURCES, LLC. P. O. BOX 2064 MIDLAND, TEXAS 79702		OGRID Number 217955 ✓
Property Code 38510 ✓		API Number 30- C15-38500 ✓
Property Name SIDEWINDER		Well No. 1H ✓
Proposed Pool 1 WC -BONE SPRING		Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot 1	32	26S	29E		480'	SOUTH	480'	WEST	EDDY

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	County
Lot 4	32	26S	29E		330'	SOUTH	330'	EAST	EDDY

Additional Well Information

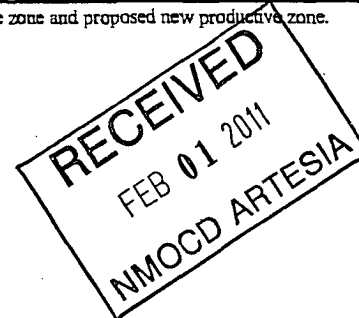
Work Type Code N ✓	Well Type Code O ✓	Cable/Rotary ROTARY ✓	Lease Type Code P ✓	Ground Level Elevation 2889' ✓
Multiple NO ✓	Proposed Depth MD-11,705 ✓	Formation BONE SPRING	Contractor SILVER OAK DRILL	Spud Date WHEN APPROVED

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 #	450'	425 Sx	Surface
11"	8 5/8"	32#	2625'	500 Sx.	Surface
7 7/8"	5 1/2"	17#	MD-11,705'	500 Sx.	2125' FS

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



I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Joe T. Janica</i> Printed name: Joe T. Janica Title: Permit Eng. E-mail Address: joejanica@valornet.com Date: 01/31/11		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: <i>Chad Baker</i> Approval Date: 2/24/2011 Expiration Date: 2/24/2013 Conditions of Approval Attached ☐	
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1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 450'. Run and set 450' of 13 3/8" 48# H-40 ST&C casing. Cement with 225 Sx. of 35/65/6 Class "C" Premium Plus POZ cement + 6% Bentonite + 5% Salt, + 5% MPA-5, + 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 2625'. Run and set 2625' of 8 5/8" 32# J-55 ST&C casing. Cement with 300 Sx. of Premium Plus Class "C" 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" Premium Plus cement + 2% CaCl, Yield 1.34 circulate cement to surface.
4. Drill 7 7/8" hole to 11,704'. Run and set 11,704' of 5½" casing as follows:
5104' of 5½" 17# P-110 BT&C, 6600' of 5½" 17# P-110 LT&C. Cement with 300 Sx. of 36/65 Premium Plus Class "C" 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 Premium Plus Class "C" cement + 2% CaCl, Yield 1.34 estimate top of cement 2125' from surface.

OGX

OGX Resources

Eddy County (NAD27)

Sidewinder

1H

OH



Plan: Plan #1

Pathfinder X & Y Planning Report

14 January, 2011

PATHFINDER
A Schlumberger Company



Pathfinder

Pathfinder X & Y Planning Report



Company:	OGX Resources	Local Co-ordinate Reference:	Site Sidewinder
Project:	Eddy County (NAD27)	TVD Reference:	Silver Oak #11 @ 2908.00usft (Original Well Elev)
Site:	Sidewinder	MD Reference:	Silver Oak #11 @ 2908.00usft (Original Well Elev)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Project:	Eddy County (NAD27), New Mexico	System Datum:	Mean Sea Level
Map System:	US State Plane 1927 (Exact solution)		
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Sidewinder		
Site Position:		Northing:	364,345,200 usft
From:	Map	Easting:	599,211,700 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.3/16 "
		Grid Convergence:	0.17 °

Well:	1H		
Well Position	+N/-S 0.00 usft	Northing:	364,345,200 usft
	+E/-W 0.00 usft	Easting:	599,211,700 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 0' 4.661 N
		Longitude:	104° 0' 47.831 W
		Ground Level:	2,889.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF200510	01/14/11	7.81
			59.93
		Dip Angle (°)	48.514
		Field Strength (nT)	

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	91.67

Survey Tool Program	Date	01/14/11	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
0.00	11,704.87	Plan #1 (OH)	MWD
			MWD - Standard



Pathfinder
Pathfinder X & Y Planning Report



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Project: Eddy County (NAD27)
Site: Sidewinder
Well: 1H
Wellbore: OH
Design: Plan #1

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MD Reference: Silver Oak #11 @ 2908.00ustf (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey										
MD (ustf)	Inc (°)	Azi (°)	TVD (ustf)	TVDSS (ustf)	N/S (ustf)	EW (ustf)	V. Sec (ustf)	DLeg (°/100ustf)	Northing (ustf)	Easting (ustf)
0.00	0.00	0.00	0.00	2,908.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
100.00	0.00	0.00	100.00	2,808.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
200.00	0.00	0.00	200.00	2,708.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
300.00	0.00	0.00	300.00	2,608.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
400.00	0.00	0.00	400.00	2,508.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
500.00	0.00	0.00	500.00	2,408.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
600.00	0.00	0.00	600.00	2,308.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
700.00	0.00	0.00	700.00	2,208.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
800.00	0.00	0.00	800.00	2,108.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
900.00	0.00	0.00	900.00	2,008.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,000.00	0.00	0.00	1,000.00	1,908.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,100.00	0.00	0.00	1,100.00	1,808.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,200.00	0.00	0.00	1,200.00	1,708.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,300.00	0.00	0.00	1,300.00	1,608.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,400.00	0.00	0.00	1,400.00	1,508.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,500.00	0.00	0.00	1,500.00	1,408.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,600.00	0.00	0.00	1,600.00	1,308.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,700.00	0.00	0.00	1,700.00	1,208.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,800.00	0.00	0.00	1,800.00	1,108.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
1,900.00	0.00	0.00	1,900.00	1,008.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,000.00	0.00	0.00	2,000.00	908.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,100.00	0.00	0.00	2,100.00	808.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,200.00	0.00	0.00	2,200.00	708.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,300.00	0.00	0.00	2,300.00	608.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,400.00	0.00	0.00	2,400.00	508.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,500.00	0.00	0.00	2,500.00	408.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
2,600.00	0.00	0.00	2,600.00	308.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70



Pathfinder
Pathfinder X & Y Planning Report



Company: OGX Resources
Project: Eddy County (NAD27)
Site: Sidewinder
Well: 1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Site Sidewinder
Silver Oak #11 @ 2908.00ust (Original Well Elev)
Silver Oak #11 @ 2908.00ust (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey											
MD (ustf)	Inc (°)	Azi (°)	TVD (ustf)	TVDSS (ustf)	N/S (ustf)	EW (ustf)	V. Sec (ustf)	DLeg (°/100ustf)	Northing (ustf)	Easting (ustf)	
2,700.00	0.00	0.00	2,700.00	208.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
2,800.00	0.00	0.00	2,800.00	108.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
2,900.00	0.00	0.00	2,900.00	8.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,000.00	0.00	0.00	3,000.00	-92.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,100.00	0.00	0.00	3,100.00	-192.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,200.00	0.00	0.00	3,200.00	-292.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,300.00	0.00	0.00	3,300.00	-392.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,400.00	0.00	0.00	3,400.00	-492.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,500.00	0.00	0.00	3,500.00	-592.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,600.00	0.00	0.00	3,600.00	-692.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,700.00	0.00	0.00	3,700.00	-792.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,800.00	0.00	0.00	3,800.00	-892.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
3,900.00	0.00	0.00	3,900.00	-992.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,000.00	0.00	0.00	4,000.00	-1,092.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,100.00	0.00	0.00	4,100.00	-1,192.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,200.00	0.00	0.00	4,200.00	-1,292.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,300.00	0.00	0.00	4,300.00	-1,392.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,400.00	0.00	0.00	4,400.00	-1,492.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,500.00	0.00	0.00	4,500.00	-1,592.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,600.00	0.00	0.00	4,600.00	-1,692.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,700.00	0.00	0.00	4,700.00	-1,792.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,800.00	0.00	0.00	4,800.00	-1,892.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
4,900.00	0.00	0.00	4,900.00	-1,992.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
5,000.00	0.00	0.00	5,000.00	-2,092.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
5,100.00	0.00	0.00	5,100.00	-2,192.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
5,200.00	0.00	0.00	5,200.00	-2,292.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	
5,300.00	0.00	0.00	5,300.00	-2,392.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70	



Pathfinder
Pathfinder X & Y Planning Report



Company: OGX Resources
Project: Eddy County (NAD27)
Site: Sidewinder
Well: 1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference: Silver Oak #11 @ 2908.00usft (Original Well Elev)
MD Reference: Silver Oak #11 @ 2908.00usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey	MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	Dleg (°/100usft)	Northing (usft)	Easting (usft)
	5,400.00	0.00	0.00	5,400.00	-2,492.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	5,500.00	0.00	0.00	5,500.00	-2,592.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	5,600.00	0.00	0.00	5,600.00	-2,692.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	5,700.00	0.00	0.00	5,700.00	-2,792.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	5,800.00	0.00	0.00	5,800.00	-2,892.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	5,900.00	0.00	0.00	5,900.00	-2,992.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,000.00	0.00	0.00	6,000.00	-3,092.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,100.00	0.00	0.00	6,100.00	-3,192.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,200.00	0.00	0.00	6,200.00	-3,292.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,300.00	0.00	0.00	6,300.00	-3,392.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,400.00	0.00	0.00	6,400.00	-3,492.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,500.00	0.00	0.00	6,500.00	-3,592.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,600.00	0.00	0.00	6,600.00	-3,692.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,700.00	0.00	0.00	6,700.00	-3,792.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,800.00	0.00	0.00	6,800.00	-3,892.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,900.00	0.00	0.00	6,900.00	-3,992.00	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,941.60	0.00	0.00	6,941.60	-4,033.60	0.00	0.00	0.00	0.00	364,345.20	599,211.70
	6,950.00	1.05	91.67	6,950.00	-4,042.00	0.00	0.08	0.08	12.50	364,345.20	599,211.78
	6,975.00	4.17	91.67	6,974.97	-4,066.97	-0.04	1.22	1.22	12.50	364,345.16	599,212.92
	7,000.00	7.30	91.67	6,999.84	-4,091.84	-0.11	3.71	3.71	12.50	364,345.09	599,215.41
	7,025.00	10.42	91.67	7,024.54	-4,116.54	-0.22	7.56	7.56	12.50	364,344.98	599,219.26
	7,050.00	13.54	91.67	7,048.99	-4,140.99	-0.37	12.75	12.75	12.50	364,344.83	599,224.45
	7,075.00	16.67	91.67	7,073.13	-4,165.13	-0.56	19.26	19.27	12.50	364,344.64	599,230.96
	7,100.00	19.79	91.67	7,096.87	-4,188.87	-0.79	27.08	27.09	12.50	364,344.41	599,238.78
	7,125.00	22.92	91.67	7,120.15	-4,212.15	-1.05	36.18	36.19	12.50	364,344.15	599,247.88
	7,150.00	26.04	91.67	7,142.90	-4,234.90	-1.36	46.53	46.55	12.50	364,343.84	599,258.23
	7,175.00	29.16	91.67	7,165.05	-4,257.05	-1.69	58.11	58.13	12.50	364,343.51	599,269.81



Pathfinder Pathfinder X & Y Planning Report



A Schlumberger Company

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Planned Survey	MD (ustf)	Inc (°)	Azi (°)	TVD (ustf)	TVDSS (ustf)	N/S (ustf)	EW (ustf)	V. Sec (ustf)	Dlog (°/100ustf)	Northing (ustf)	Easting (ustf)
	7,200.00	32.29	91.67	7,186.54	-4,278.54	-2.07	70.87	70.90	12.50	364,343.13	599,282.57
	7,225.00	35.41	91.67	7,207.30	-4,299.30	-2.47	84.79	84.83	12.50	364,342.73	599,286.49
	7,250.00	38.54	91.67	7,227.27	-4,319.27	-2.91	99.82	99.86	12.50	364,342.29	599,311.52
	7,275.00	41.66	91.67	7,246.39	-4,338.39	-3.38	115.91	115.96	12.50	364,341.82	599,327.61
	7,300.00	44.78	91.67	7,264.61	-4,356.61	-3.88	133.02	133.08	12.50	364,341.32	599,344.72
	7,325.00	47.91	91.67	7,281.86	-4,373.86	-4.41	151.10	151.16	12.50	364,340.79	599,362.80
	7,350.00	51.03	91.67	7,298.11	-4,390.11	-4.96	170.09	170.16	12.50	364,340.24	599,381.79
	7,375.00	54.15	91.67	7,313.29	-4,405.29	-5.54	189.94	190.02	12.50	364,339.66	599,401.64
	7,400.00	57.28	91.67	7,327.37	-4,419.37	-6.14	210.58	210.67	12.50	364,339.06	599,422.28
	7,425.00	60.40	91.67	7,340.31	-4,432.31	-6.76	231.96	232.06	12.50	364,338.44	599,443.66
	7,450.00	63.53	91.67	7,352.06	-4,444.06	-7.41	254.02	254.13	12.50	364,337.79	599,465.72
	7,475.00	66.65	91.67	7,362.58	-4,454.58	-8.07	276.68	276.80	12.50	364,337.13	599,488.38
	7,500.00	69.77	91.67	7,371.86	-4,463.86	-8.74	299.88	300.01	12.50	364,336.46	599,511.58
	7,525.00	72.90	91.67	7,379.86	-4,471.86	-9.43	323.55	323.69	12.50	364,335.77	599,535.25
	7,550.00	76.02	91.67	7,386.56	-4,478.56	-10.14	347.63	347.77	12.50	364,335.06	599,559.33
	7,575.00	79.15	91.67	7,391.93	-4,483.93	-10.85	372.03	372.19	12.50	364,334.35	599,583.73
	7,600.00	82.27	91.67	7,395.97	-4,487.97	-11.57	396.69	396.86	12.50	364,333.63	599,608.39
	7,625.00	85.39	91.67	7,398.66	-4,490.66	-12.29	421.53	421.71	12.50	364,332.91	599,633.23
	7,650.59	88.59	91.67	7,400.00	-4,492.00	-13.03	447.07	447.26	12.50	364,332.17	599,658.77
	7,700.00	88.59	91.67	7,401.22	-4,493.22	-14.47	486.44	486.65	0.00	364,330.73	599,708.14
	7,800.00	88.59	91.67	7,403.68	-4,495.68	-17.39	596.37	596.62	0.00	364,327.81	599,808.07
	7,900.00	88.59	91.67	7,406.14	-4,498.14	-20.30	686.30	686.59	0.00	364,324.90	599,908.00
	8,000.00	88.59	91.67	7,408.60	-4,500.60	-23.21	786.22	786.56	0.00	364,321.99	600,007.92
	8,100.00	88.59	91.67	7,411.06	-4,503.06	-26.13	886.15	886.53	0.00	364,319.07	600,107.85
	8,200.00	88.59	91.67	7,413.52	-4,505.52	-29.04	986.08	986.50	0.00	364,316.16	600,207.78
	8,300.00	88.59	91.67	7,415.98	-4,507.98	-31.95	1,086.01	1,086.47	0.00	364,313.25	600,307.71
	8,400.00	88.59	91.67	7,418.44	-4,510.44	-34.87	1,185.93	1,186.44	0.00	364,310.33	600,407.63



Pathfinder

Pathfinder X & Y Planning Report



Company: OGX Resources
Project: Eddy County (NAD27)
Site: Sidewinder
Well: 1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Site Sidewinder
Silver Oak #1.1 @ 2908.00usft (Original Well Elev)
Silver Oak #1.1 @ 2908.00usft (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	Dleg (°/100usft)	Northing (usft)	Easting (usft)	
8,500.00	88.59	91.67	7,420.90	-4,512.90	-37.78	1,295.86	1,296.41	0.00	364,307.42	600,507.56	
8,600.00	88.59	91.67	7,423.36	-4,515.36	-40.69	1,395.79	1,396.38	0.00	364,304.51	600,507.49	
8,700.00	88.59	91.67	7,425.82	-4,517.82	-43.61	1,495.72	1,496.35	0.00	364,301.59	600,707.42	
8,800.00	88.59	91.67	7,428.28	-4,520.28	-46.52	1,595.64	1,596.32	0.00	364,298.68	600,907.34	
8,900.00	88.59	91.67	7,430.74	-4,522.74	-49.43	1,695.57	1,696.29	0.00	364,295.77	600,907.27	
9,000.00	88.59	91.67	7,433.20	-4,525.20	-52.35	1,795.50	1,796.26	0.00	364,292.85	601,007.20	
9,100.00	88.59	91.67	7,435.67	-4,527.67	-55.26	1,895.42	1,896.23	0.00	364,289.94	601,107.12	
9,200.00	88.59	91.67	7,438.13	-4,530.13	-58.17	1,995.35	1,996.20	0.00	364,287.03	601,207.05	
9,300.00	88.59	91.67	7,440.59	-4,532.59	-61.09	2,095.28	2,096.17	0.00	364,284.11	601,306.98	
9,400.00	88.59	91.67	7,443.05	-4,535.05	-64.00	2,195.21	2,196.14	0.00	364,281.20	601,406.91	
9,500.00	88.59	91.67	7,445.51	-4,537.51	-66.92	2,295.13	2,296.11	0.00	364,278.28	601,506.83	
9,600.00	88.59	91.67	7,447.97	-4,539.97	-69.83	2,395.06	2,396.08	0.00	364,275.37	601,606.76	
9,700.00	88.59	91.67	7,450.43	-4,542.43	-72.74	2,494.99	2,496.05	0.00	364,272.46	601,706.69	
9,800.00	88.59	91.67	7,452.89	-4,544.89	-75.66	2,594.92	2,596.02	0.00	364,269.54	601,806.62	
9,900.00	88.59	91.67	7,455.35	-4,547.35	-78.57	2,694.84	2,695.99	0.00	364,266.63	601,906.54	
10,000.00	88.59	91.67	7,457.81	-4,549.81	-81.48	2,794.77	2,795.96	0.00	364,263.72	602,006.47	
10,100.00	88.59	91.67	7,460.27	-4,552.27	-84.40	2,894.70	2,895.93	0.00	364,260.80	602,106.40	
10,200.00	88.59	91.67	7,462.73	-4,554.73	-87.31	2,994.62	2,995.90	0.00	364,257.89	602,206.32	
10,300.00	88.59	91.67	7,465.19	-4,557.19	-90.22	3,094.55	3,095.87	0.00	364,254.98	602,306.25	
10,400.00	88.59	91.67	7,467.65	-4,559.65	-93.14	3,194.48	3,195.84	0.00	364,252.06	602,406.18	
10,500.00	88.59	91.67	7,470.11	-4,562.11	-96.05	3,294.41	3,295.81	0.00	364,249.15	602,506.11	
10,600.00	88.59	91.67	7,472.58	-4,564.58	-98.96	3,394.33	3,395.78	0.00	364,246.24	602,606.03	
10,700.00	88.59	91.67	7,475.04	-4,567.04	-101.88	3,494.26	3,495.75	0.00	364,243.32	602,705.96	
10,800.00	88.59	91.67	7,477.50	-4,569.50	-104.79	3,594.19	3,595.72	0.00	364,240.41	602,805.89	
10,900.00	88.59	91.67	7,479.96	-4,571.96	-107.70	3,694.12	3,695.68	0.00	364,237.50	602,905.82	
11,000.00	88.59	91.67	7,482.42	-4,574.42	-110.62	3,794.04	3,795.65	0.00	364,234.58	603,005.74	
11,100.00	88.59	91.67	7,484.88	-4,576.88	-113.53	3,893.97	3,895.62	0.00	364,231.67	603,105.67	



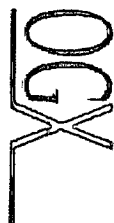
Pathfinder
Pathfinder X & Y Planning Report



Company:	OGX Resources	Local Co-ordinate Reference:	Site Sidewinder
Project:	Eddy County (NAD27)	TVD Reference:	Silver Oak #11 @ 2908.00ustf (Original Well Elev)
Site:	Sidewinder	MD Reference:	Silver Oak #11 @ 2908.00ustf (Original Well Elev)
Well:	1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey										
MD (ustf)	Inc (°)	Azi (°)	TVD (ustf)	TVDSS (ustf)	N/S (ustf)	EW (ustf)	V. Sec (ustf)	Dleg (°/100ustf)	Northing (ustf)	Easting (ustf)
11,200.00	88.59	91.67	7,487.34	-4,579.34	-116.44	3,993.90	3,995.59	0.00	364,228.76	603,205.60
11,300.00	88.59	91.67	7,489.80	-4,581.80	-119.36	4,093.82	4,095.56	0.00	364,225.84	603,305.52
11,400.00	88.59	91.67	7,492.26	-4,584.26	-122.27	4,193.75	4,195.53	0.00	364,222.93	603,405.45
11,500.00	88.59	91.67	7,494.72	-4,586.72	-125.18	4,293.68	4,295.50	0.00	364,220.02	603,505.38
11,600.00	88.59	91.67	7,497.18	-4,589.18	-128.10	4,393.61	4,395.47	0.00	364,217.10	603,605.31
11,704.87	88.59	91.67	7,499.76	-4,591.76	-131.15	4,498.40	4,500.31	0.00	364,214.05	603,710.10
PBHL (SW1)										

Checked By: _____	Approved By: _____	Date: _____
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Project: Eddy County (NAD27)
Site: Slidewinder
Well: #1H
Wellbore: OH
Plan: Plan #1 (#1H/OH)

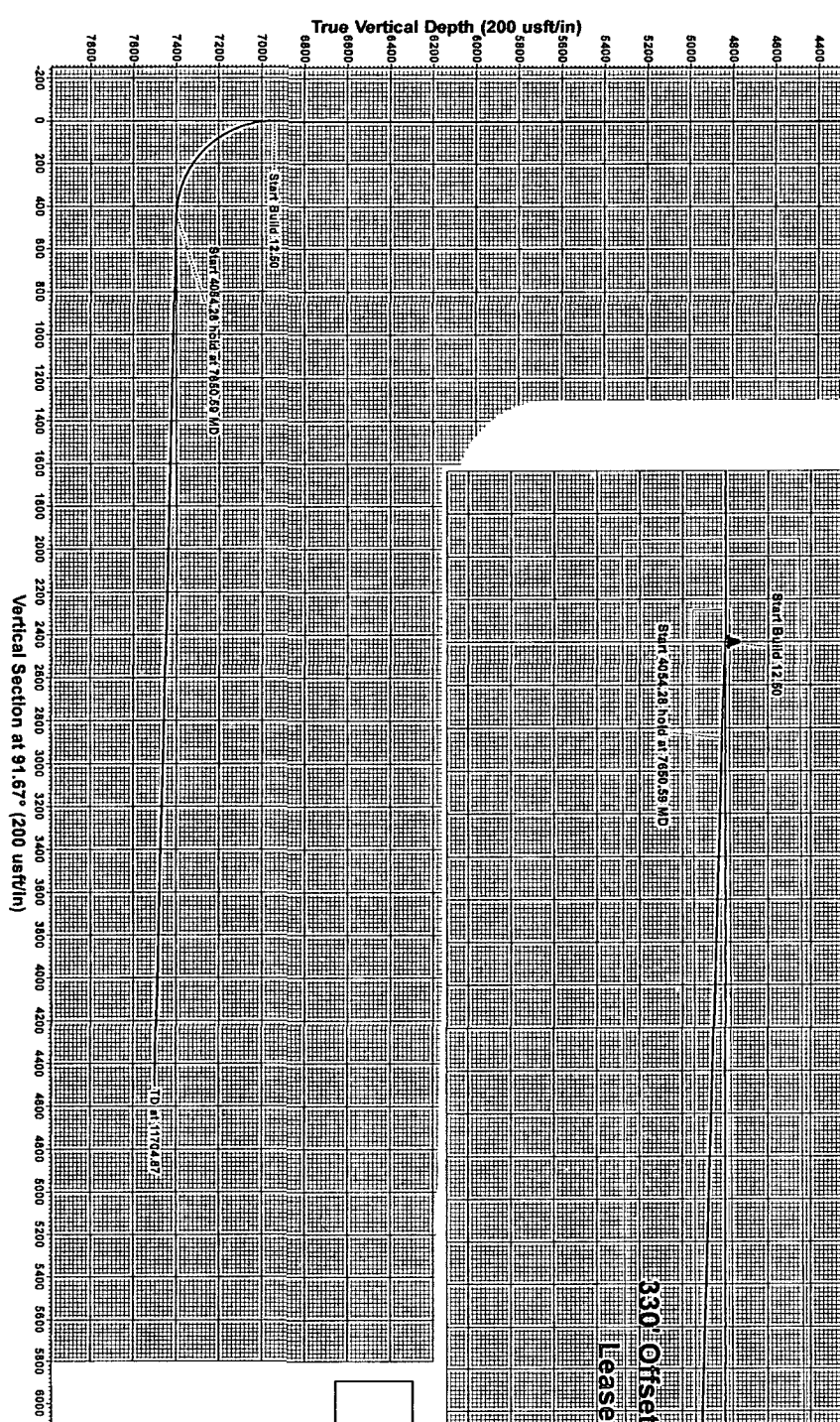
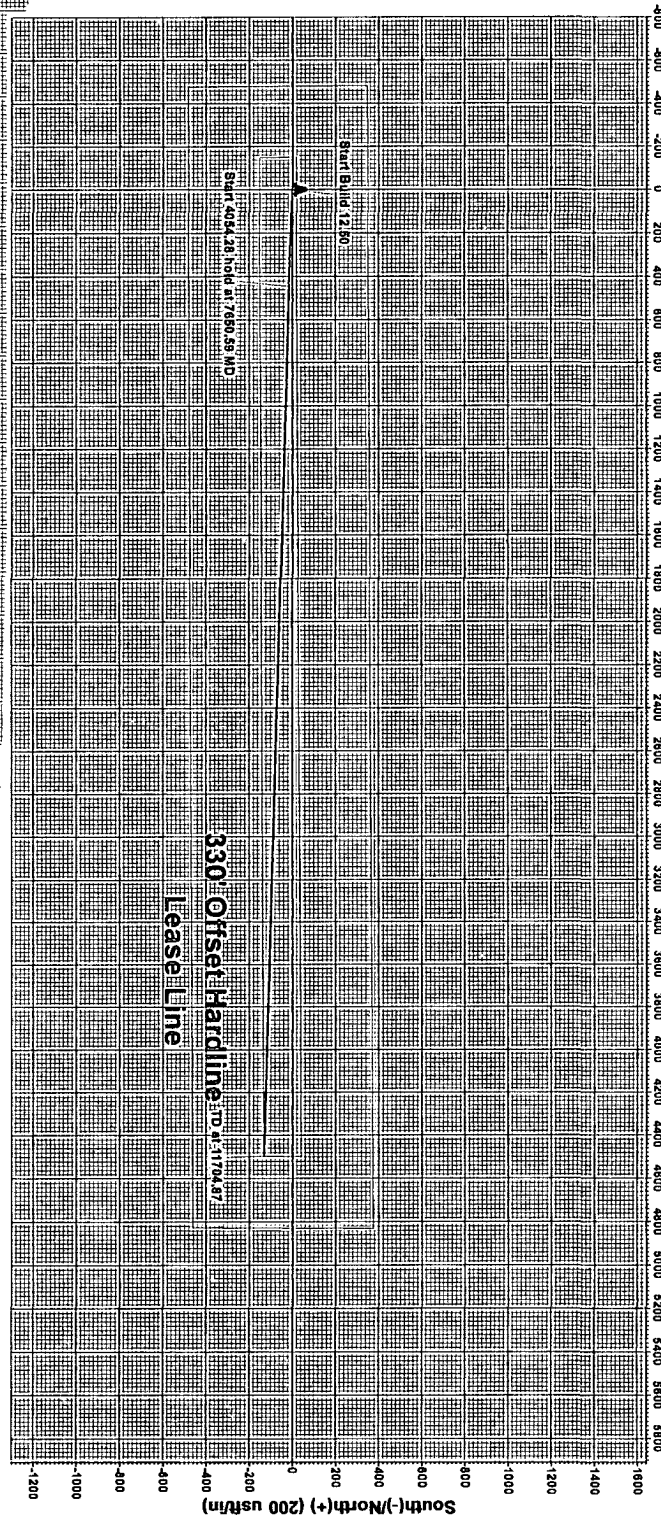
WELL DETAILS: #1H					
Ground Elevation:	2888.00				
RKB Elevation:	Silver Oak #11 @ 2808.00usft (Original Well Elev)				
Rig Name:	Original Well Elev				
+N/S	0.00	+E/W	36427.100	Northing	589271.700
				Eastings	32° 0' 43.81" N
				Latitude	106° 0' 47.831" W
				Longitude	Set

Azimuths to Grid North
True North: -0.17°
Magnetic North: 7.64°
Magnetic Field
Strength: 48513.5nT
Dip Angle: 59.93°
Date: 01/14/2011
Model: GRC200510



SECTION DETAILS									
MD	Inc	Azi	TVD	+N/S	+E/W	Deg	TFace	Vsect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6941.60	0.00	0.00	6941.60	0.00	0.00	0.00	0.00	0.00	
7650.59	88.59	91.67	7400.00	-13.03	447.07	12.50	91.67	447.26	
11704.87	88.59	91.67	7499.76	-131.15	4498.40	0.00	0.00	4500.31	PBHL (SW1)

West(-)/East(+) (200 usft/in)



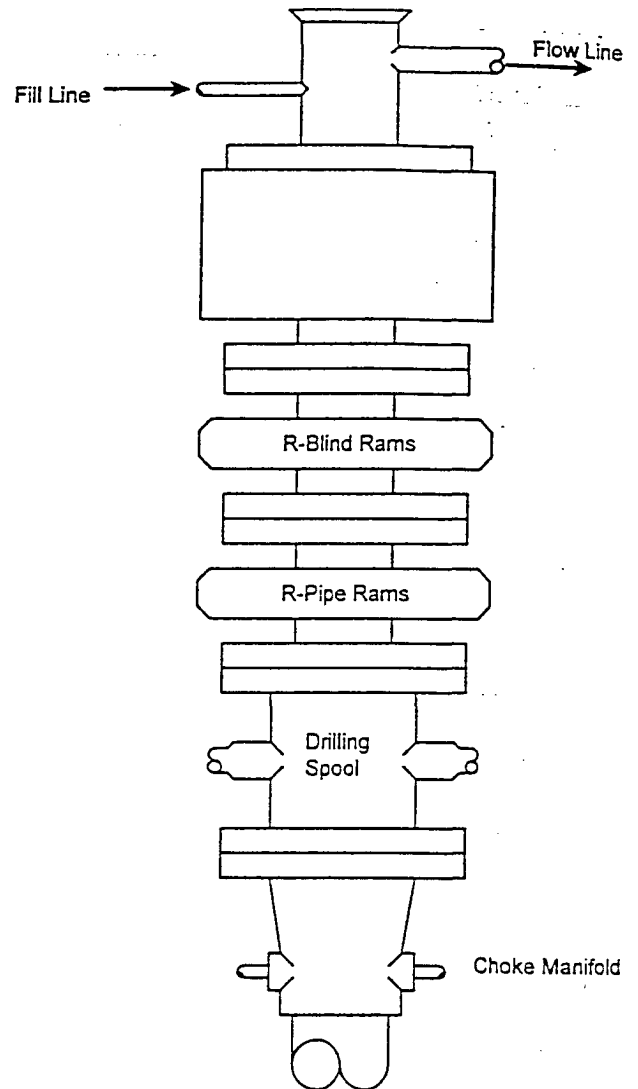
Vertical Section at 91.67° (200 usft/in)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N/S	+E/W	Northing	Eastings
PBHL (SW1)	7500.00	-131.10	4498.40	36427.100	603716.700
				Point	

PROJECT DETAILS: Eddy County (NAD27)
Geoidetic 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

BLOWOUT PREVENTER SYSTEM

3000 PSI



Type 900 SERIES
3000 PSI WP

Choke Manifold Assembly for 5M WP System

