

MAR 16 2009

Km

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., 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-103
 June 19, 2008

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-36774
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Reposada 2 State
8. Well Number 1H
9. OGRID Number 217955
10. Pool name or Wildcat Brushy Draw Delaware - North

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
 OGX Resources, LLC

3. Address of Operator
 POB 2064 Midland, TX 79702

4. Well Location

Unit Letter B: 330 feet from the North line and 1980 feet from the East line

Section 2

Township 26S

Range 29E

NMPM

Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3012'GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
 PULL OR ALTER CASING ☐ MULTIPLE COMPL. ☐
 DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OGX Resources requests to drill said well as a horizontal pilot hole with a bottom hole location 650' FSL & 1980' FEL. The horizontal drilling plan is to drill a vertical pilot hole to $\pm$ 8300'. At 7500' start building a 10 degree/ 100' angle and continue building to establish a TVD of 8300', drilling horizontally to 12,407' TD. Anticipated pool is the Brushy Draw Delaware. Mud & cement program will remain the same as originally permitted with. Casing program for horizontal drilling: 13 3/8" 48# H-40 STC, 9 5/8" 36# J-55 LTC & 5 1/2" 17# N-80 BTC.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Angela Lightner TITLE Consultant DATE 12-26-08

Type or print name Angela Lightner E-mail address: angela@rkford.com PHONE: 432-682-0440

For State Use Only

APPROVED BY: Jacqui Reen TITLE Geologist DATE 3/16/09

Conditions of Approval (if any): mailed to OED 3/16/09
1-0-09

M

OGX Resources

Eddy County

Reposado 2 State #1H

Reposado 2 State #1H

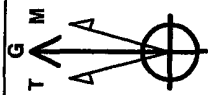
OH

Plan: Plan #2

Patfinder X & Y Survey Report

30 December, 2008

OGX Resources



Azimuths to Grid North
 True North: -0.20°
 Magnetic North: 7.83°
 Magnetic Field
 Strength: 48763.0nT
 Dip Angle: 60.06°
 Date: 12/16/2008
 Model: IGRF200510

WELL DETAILS: Reposado 2 State #1H

Ground Elevation: 3012.00
 RKB @ 3024.00ft (12' RKB JW #1)
 Rig Name: 12' RKB JW #1

Northing: 382286.500
 Easting: 618016.100
 Latitude: 32° 4' 40.579" N
 Longitude: 103° 57' 8.310" W
 Start

SECTION DETAILS

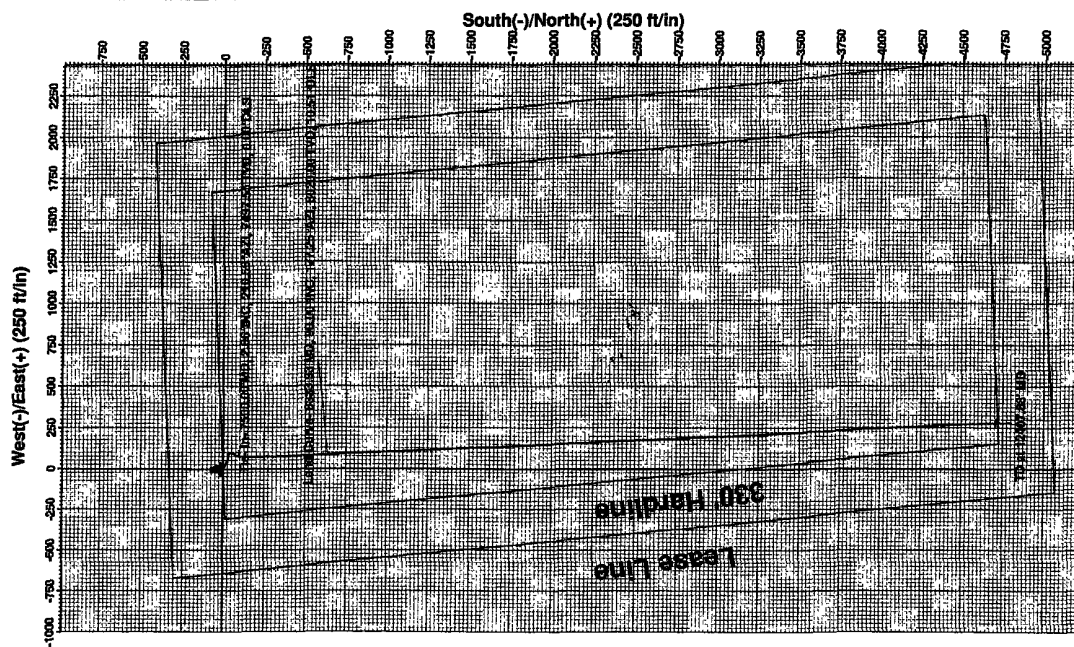
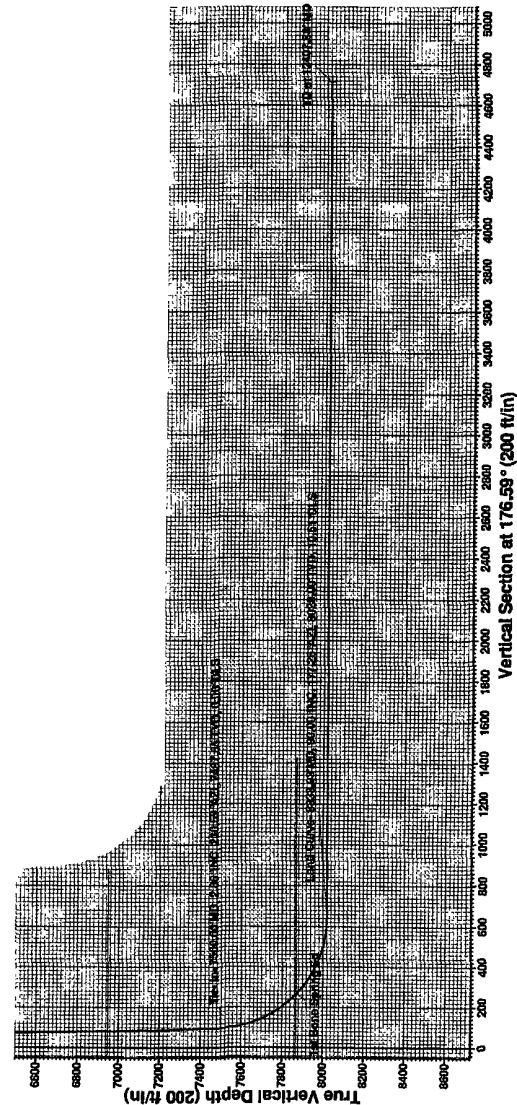
Sec	ID	Inc	Adj	TVD	+N-S	+E-W	DL-99	TF-99	VSec	Target
1	7500.00	2.56	210.59	7497.59	-92.67	73.15	0.00	0.00	95.86	
2	8333.53	90.00	177.25	8020.00	-657.64	84.98	10.51	-33.37	641.56	
3	12407.88	90.00	177.25	8020.00	-4706.89	280.42	0.00	0.00	4715.23	BHL(Rep#14)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
BHL(Rep#14)	8020.00	-4706.90	280.20	387978.700	618296.300	Point

Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Plan: Plan #2 (Reposado 2 State #1H/OH)

PROJECT DETAILS: Eddy 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



Pathfinder Energy Services Pathfinder X & Y Survey Report

Company:	OGX Resources	Well Name:	Well Reposado 2 State #1H
Project:	Eddy County	Well Depth:	WELL @ 3024.00ft (12' RKB JW #1)
Site:	Reposado 2 State #1H	Well Type:	WELL @ 3024.00ft (12' RKB JW #1)
Well:	Reposado 2 State #1H	Grid:	Grid
Wellbore:	OH	Minimum Curvature:	Minimum Curvature
Design:	Plan #2	EDM 2003.16 Single User Db	EDM 2003.16 Single User Db

Project:	Eddy County, 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:	Reposado 2 State #1H				
Site Position:		Northing:	392,286.600 ft	Latitude:	32° 4' 40.579 N
From:	Map	Easting:	618,016.100 ft	Longitude:	103° 57' 8.310 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	0.20 °

Well:	Reposado 2 State #1H					
Well Position	+N-S	0.00 ft	Northing:	392,286.600 ft	Latitude:	32° 4' 40.579 N
	+E-W	0.00 ft	Easting:	618,016.100 ft	Longitude:	103° 57' 8.310 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,012.00 ft

Wellbore:	OH				
Magnetics:	IGRF200510	12/16/2008	8.03	60.06	48,763

Design:	Plan #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	7,500.00	
Vertical Section:	Depth from TVD	0.00	0.00	0.00	176.59

Pathfinder Energy Services

Pathfinder X & Y Survey Report

Company: OGX Resources
 Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Top of Corrosion Protection
 TVD (Surface)
 MD (Surface)
 North East Arrow
 Survey Date/Time/Station
 Database

Well Reposado 2 State #1H
 WELL @ 3024.00ft (12' RKB JW #1)
 WELL @ 3024.00ft (12' RKB JW #1)
 Grid
 Minimum Curvature
 EDM 2003.16 Single User Db

Survey Tool Program		Date 12/30/2008			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100.00	7,500.00	GYRO (OH)	CB-GYRO-MS	Camera based gyro multishot	
7,500.00	12,407.88	Plan #2 (OH)	MWD	MWD - Standard	

Planned Survey													
MD (ft)	Inc (ft)	Age (ft)	Wp (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)	Time (ft)
0.00	0.00	0.00	0.00	0.00	-3,024.00	0.00	0.00	0.00	0.00	0.00	0.00	392,286.60	618,016.10
100.00	0.20	133.84	100.00	-2,924.00	-0.12	0.13	0.13	0.20	392,286.48	618,016.23			
200.00	0.53	144.07	200.00	-2,824.00	-0.62	0.52	0.65	0.34	392,285.98	618,016.62			
300.00	1.03	135.73	299.99	-2,724.01	-1.63	1.42	1.72	0.51	392,284.97	618,017.52			
400.00	1.26	115.10	399.97	-2,624.03	-2.74	3.05	2.92	0.47	392,283.86	618,019.15			
500.00	2.75	105.67	499.90	-2,524.10	-3.86	6.35	4.23	1.52	392,282.74	618,022.45			
600.00	2.75	118.18	599.79	-2,424.21	-5.64	10.77	6.27	0.60	392,280.96	618,026.87			
700.00	2.47	122.56	699.69	-2,324.31	-7.93	14.71	8.79	0.34	392,278.67	618,030.81			
800.00	2.27	122.47	799.60	-2,224.40	-10.16	18.19	11.22	0.20	392,276.44	618,034.29			
900.00	2.22	111.65	899.52	-2,124.48	-11.93	21.66	13.20	0.43	392,274.67	618,037.76			
1,000.00	2.43	115.54	999.44	-2,024.56	-13.56	25.38	15.05	0.26	392,273.04	618,041.48			
1,100.00	2.41	112.04	1,099.35	-1,924.65	-15.26	29.24	16.98	0.15	392,271.34	618,045.34			
1,200.00	2.43	111.22	1,199.26	-1,824.74	-16.82	33.16	18.76	0.04	392,269.78	618,049.26			
1,300.00	2.54	120.55	1,299.17	-1,724.83	-18.71	37.05	20.88	0.42	392,267.89	618,053.15			
1,400.00	2.61	123.62	1,399.07	-1,624.93	-21.10	40.85	23.49	0.15	392,265.50	618,056.95			
1,500.00	2.33	127.98	1,498.98	-1,525.02	-23.61	44.35	26.21	0.34	392,262.99	618,060.45			
1,600.00	1.74	128.43	1,598.91	-1,425.09	-25.81	47.14	28.57	0.59	392,260.79	618,063.24			
1,700.00	1.04	122.66	1,698.88	-1,325.12	-27.24	49.10	30.11	0.71	392,259.36	618,065.20			
1,800.00	0.83	136.70	1,798.87	-1,225.13	-28.26	50.36	31.20	0.31	392,258.34	618,066.46			
1,900.00	0.64	155.94	1,898.86	-1,125.14	-29.29	51.08	32.28	0.31	392,257.31	618,067.18			
2,000.00	0.14	278.81	1,998.86	-1,025.14	-29.79	51.19	32.78	0.73	392,256.81	618,067.29			

Pathfinder Energy Services

Pathfinder X & Y Survey Report

Company: OGX Resources
 Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Location: Minimum Reference
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Well Reposado 2 State #1H
 WELL @ 3024.00ft (12' RKB JW #1)
 WELL @ 3024.00ft (12' RKB JW #1)
 Grid
 Minimum Curvature
 EDM 2003.16 Single User Db

Station	Offset	North	East	True	Mag	Decl	Mag	Decl	Mag	Decl	Mag	Decl
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
2,100.00	0.30	285.38	2,098.86	-925.14	-29.70	50.81	32.67	0.16	392,256.90	618,066.91		
2,200.00	0.52	318.59	2,198.86	-825.14	-29.29	50.26	32.23	0.32	392,257.31	618,066.36		
2,300.00	0.59	14.01	2,298.85	-725.15	-28.45	50.09	31.38	0.52	392,258.15	618,066.19		
2,400.00	0.62	29.07	2,398.85	-625.15	-27.48	50.47	30.43	0.16	392,259.12	618,066.57		
2,500.00	1.52	76.68	2,498.83	-525.17	-26.70	52.03	29.74	1.19	392,259.90	618,068.13		
2,600.00	2.00	85.66	2,598.78	-425.22	-26.26	55.06	29.49	0.55	392,260.34	618,071.16		
2,700.00	2.00	79.98	2,698.72	-325.28	-25.82	58.52	29.26	0.20	392,260.78	618,074.62		
2,800.00	2.36	93.81	2,798.65	-225.35	-25.66	62.29	29.32	0.63	392,260.94	618,078.39		
2,900.00	2.60	101.64	2,898.56	-125.44	-26.25	66.56	30.16	0.41	392,260.35	618,082.66		
3,000.00	2.24	99.67	2,998.47	-25.53	-27.04	70.71	31.20	0.37	392,259.56	618,086.81		
3,100.00	1.80	110.97	3,098.41	74.41	-27.93	74.11	32.29	0.59	392,258.67	618,090.21		
3,200.00	1.37	116.86	3,198.37	174.37	-29.03	76.64	33.54	0.46	392,257.57	618,092.74		
3,300.00	1.27	110.72	3,298.34	274.34	-29.96	78.74	34.59	0.17	392,256.64	618,094.84		
3,400.00	1.32	112.45	3,398.31	374.31	-30.79	80.84	35.55	0.06	392,255.81	618,096.94		
3,500.00	1.22	113.37	3,498.29	474.29	-31.66	82.88	36.53	0.10	392,254.94	618,098.98		
3,600.00	1.16	119.15	3,598.27	574.27	-32.57	84.75	37.55	0.13	392,254.03	618,100.85		
3,700.00	1.08	123.21	3,698.25	674.25	-33.58	86.42	38.66	0.11	392,253.02	618,102.52		
3,800.00	0.95	124.42	3,798.23	774.23	-34.57	87.89	39.73	0.13	392,252.03	618,103.99		
3,900.00	1.02	125.70	3,898.22	874.22	-35.55	89.30	40.80	0.07	392,251.05	618,105.40		
4,000.00	0.98	134.77	3,998.20	974.20	-36.68	90.63	42.00	0.16	392,249.92	618,106.73		
4,100.00	0.86	149.84	4,098.19	1,074.19	-37.93	91.61	43.31	0.27	392,248.67	618,107.71		
4,200.00	0.87	147.34	4,198.18	1,174.18	-39.21	92.40	44.64	0.04	392,247.39	618,108.50		
4,300.00	0.68	157.46	4,298.17	1,274.17	-40.40	93.04	45.86	0.23	392,246.20	618,109.14		
4,400.00	0.62	162.06	4,398.16	1,374.16	-41.46	93.43	46.95	0.08	392,245.14	618,109.53		
4,500.00	0.61	167.89	4,498.16	1,474.16	-42.50	93.71	48.00	0.06	392,244.10	618,109.81		
4,600.00	0.63	178.69	4,598.15	1,574.15	-43.57	93.83	49.07	0.12	392,243.03	618,109.93		
4,700.00	0.64	177.48	4,698.15	1,674.15	-44.68	93.87	50.18	0.02	392,241.92	618,109.97		

Pathfinder Energy Services

Pathfinder X & Y Survey Report

Company: OGX Resources
 Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Well: Reposado 2 State #1H
 Well @ 3024.00ft (12' RKB JW #1)
 Well @ 3024.00ft (12' RKB JW #1)
 Grid
 Minimum Curvature
 EDM 2003.16 Single User Db

MD (ft)	Inc (°)	Azi (°)	TVL (ft)	WDCS (ft)	ONS (ft)	EN (ft)	W Sec (ft)	Blas (2000)	Northing (ft)	Easting (ft)
4,800.00	0.67	179.54	4,798.14	1,774.14	-45.82	93.90	51.32	0.04	392,240.78	618,110.00
4,900.00	0.53	180.04	4,898.13	1,874.13	-46.87	93.90	52.37	0.14	392,239.73	618,110.00
5,000.00	0.57	177.17	4,998.13	1,974.13	-47.83	93.93	53.33	0.05	392,238.77	618,110.03
5,100.00	0.72	180.82	5,098.12	2,074.12	-48.95	93.94	54.45	0.16	392,237.65	618,110.04
5,200.00	0.74	179.16	5,198.12	2,174.12	-50.23	93.94	55.72	0.03	392,236.37	618,110.04
5,300.00	0.82	189.76	5,298.11	2,274.11	-51.58	93.83	57.07	0.16	392,235.02	618,109.93
5,400.00	0.87	199.60	5,398.10	2,374.10	-53.00	93.46	58.46	0.15	392,233.60	618,109.56
5,500.00	0.72	200.78	5,498.09	2,474.09	-54.30	92.98	59.73	0.15	392,232.30	618,109.08
5,600.00	0.64	201.55	5,598.08	2,574.08	-55.41	92.55	60.81	0.08	392,231.19	618,108.65
5,700.00	0.64	199.55	5,698.07	2,674.07	-56.45	92.16	61.83	0.02	392,230.15	618,108.26
5,800.00	0.65	200.67	5,798.07	2,774.07	-57.51	91.77	62.86	0.02	392,229.09	618,107.87
5,900.00	0.70	199.81	5,898.06	2,874.06	-58.61	91.36	63.94	0.05	392,227.99	618,107.46
6,000.00	0.87	203.18	5,998.05	2,974.05	-59.89	90.86	65.18	0.18	392,226.71	618,106.96
6,100.00	1.01	207.03	6,098.04	3,074.04	-61.37	90.16	66.62	0.15	392,225.23	618,106.26
6,200.00	1.00	200.82	6,198.02	3,174.02	-62.97	89.45	68.18	0.11	392,223.63	618,105.55
6,300.00	1.02	206.89	6,298.01	3,274.01	-64.58	88.73	69.74	0.11	392,222.02	618,104.83
6,400.00	1.16	203.02	6,397.99	3,373.99	-66.31	87.94	71.42	0.16	392,220.29	618,104.04
6,500.00	1.69	219.61	6,497.96	3,473.96	-68.37	86.60	73.40	0.67	392,218.23	618,102.70
6,600.00	1.63	217.74	6,597.91	3,573.91	-70.63	84.79	75.55	0.08	392,215.97	618,100.89
6,700.00	1.57	215.66	6,697.88	3,673.88	-72.87	83.12	77.69	0.08	392,213.73	618,099.22
6,800.00	1.57	219.27	6,797.84	3,773.84	-75.05	81.45	79.76	0.10	392,211.55	618,097.55
6,900.00	1.44	207.62	6,897.80	3,873.80	-77.22	80.01	81.84	0.33	392,209.38	618,096.11
6,952.21	1.40	208.17	6,950.00	3,926.00	-78.36	79.40	82.95	0.08	392,208.24	618,095.50
Bone Spring										
7,000.00	1.36	208.70	6,997.77	3,973.77	-79.37	78.85	83.92	0.08	392,207.23	618,094.95
7,100.00	1.43	205.66	7,097.74	4,073.74	-81.54	77.74	86.02	0.10	392,205.06	618,093.84
7,200.00	1.41	204.89	7,197.71	4,173.71	-83.78	76.68	88.19	0.03	392,202.82	618,092.78

Pathfinder Energy Services

Pathfinder X & Y Survey Report

Company: OGX Resources
Project: Eddy County
Site: Reposado 2 State #1H
Well: Reposado 2 State #1H
Wellbore: OH
Design: Plan #2

Local Coordinates Reference:
WGS 1984
Datum: NAD 83
Units: Meters
Datum Transformation Method:
Datum

Well Reposado 2 State #1H
WELL @ 3024.00ft (12' RKB JW #1)
WELL @ 3024.00ft (12' RKB JW #1)
Grid
Minimum Curvature
EDM 2003.16 Single User Db

Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	WGS (ft)	EW (ft)	N. Sec (ft)	DLS (1/100ft)	Northings (ft)	Eastings (ft)
7,300.00	1.83	199.29	7,297.67	4,273.67	-86.40	75.64	90.75	0.45	392,200.20	618,091.74
7,400.00	1.55	194.83	7,397.63	4,373.63	-89.22	74.77	93.51	0.31	392,197.38	618,090.87
7,500.00	2.86	210.59	7,497.55	4,473.55	-92.67	73.15	96.86	1.43	392,193.93	618,089.25
Tie-In- 7500.00'MD, 2.86°INC, 210.59°AZI, 7497.55'TVD, 0.00°DLS										
7,550.00	7.80	188.81	7,547.33	4,523.33	-97.10	71.99	101.21	10.51	392,189.50	618,088.09
7,600.00	12.99	184.09	7,596.49	4,572.49	-106.07	71.07	110.11	10.51	392,180.53	618,087.17
7,650.00	18.21	182.04	7,644.63	4,620.63	-119.49	70.39	123.47	10.51	392,167.11	618,086.49
7,700.00	23.45	180.88	7,691.35	4,667.35	-137.26	69.96	141.18	10.51	392,149.34	618,086.06
7,750.00	28.69	180.13	7,736.24	4,712.24	-159.23	69.79	163.09	10.51	392,127.37	618,085.89
7,800.00	33.94	179.59	7,778.95	4,754.95	-185.20	69.86	189.03	10.51	392,101.40	618,085.96
7,850.00	39.19	179.18	7,819.09	4,795.09	-214.98	70.19	218.77	10.51	392,071.62	618,086.29
7,900.00	44.43	178.85	7,856.35	4,832.35	-248.29	70.76	252.06	10.51	392,038.31	618,086.86
7,919.46	46.48	178.74	7,870.00	4,846.00	-262.16	71.05	265.92	10.51	392,024.44	618,087.15
1st Bone Spring Sd										
7,950.00	49.68	178.59	7,890.40	4,866.40	-284.87	71.58	288.63	10.51	392,001.73	618,087.68
8,000.00	54.93	178.35	7,920.96	4,896.96	-324.41	72.64	328.16	10.51	391,962.19	618,088.74
8,050.00	60.18	178.15	7,947.77	4,923.77	-366.57	73.93	370.32	10.51	391,920.03	618,090.03
8,100.00	65.43	177.97	7,970.61	4,946.61	-411.01	75.44	414.76	10.51	391,875.59	618,091.54
8,150.00	70.68	177.80	7,989.29	4,965.29	-457.34	77.15	461.11	10.51	391,829.26	618,093.25
8,200.00	75.93	177.64	8,003.64	4,979.64	-505.17	79.05	508.98	10.51	391,781.43	618,095.15
8,250.00	81.19	177.49	8,013.56	4,989.56	-554.12	81.13	557.96	10.51	391,732.48	618,097.23
8,300.00	86.44	177.35	8,018.95	4,994.95	-603.76	83.37	607.65	10.51	391,682.84	618,099.47
8,333.93	90.00	177.25	8,020.00	4,996.00	-637.64	84.96	641.56	10.51	391,648.96	618,101.06
Land Curve- 8333.93'MD, 90.00°INC, 177.25°AZI, 8020.00'TVD, 10.51°DLS										
8,400.00	90.00	177.25	8,020.00	4,996.00	-703.62	88.13	707.62	0.00	391,582.98	618,104.23
8,500.00	90.00	177.25	8,020.00	4,996.00	-803.51	92.93	807.61	0.00	391,483.09	618,109.03
8,600.00	90.00	177.25	8,020.00	4,996.00	-903.39	97.73	907.61	0.00	391,383.21	618,113.83

Pathfinder Energy Services

Pathfinder X & Y Survey Report

Company: OGX Resources
 Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Local Co-ordinate Reference
 UTM Zone 18N
 UTM Datum
 UTM Spheroid
 UTM Units
 UTM Projection Method
 Database

Well Reposado 2 State #1H
 WELL @ 3024.00ft (12' RKB JW #1)
 WELL @ 3024.00ft (12' RKB JW #1)
 Grid
 Minimum Curvature
 EDM 2003.16 Single User Db

Planned Survey											
MD (ft)	Inc (°)	Asz (ft)	TVL (ft)	TVLSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	Mag (°/1000)	Northleg (ft)	Eastng (ft)	
8,700.00	90.00	177.25	8,020.00	4,996.00	-1,003.28	102.53	1,007.60	0.00	391,283.32	618,118.63	
8,800.00	90.00	177.25	8,020.00	4,996.00	-1,103.16	107.33	1,107.59	0.00	391,183.44	618,123.43	
8,900.00	90.00	177.25	8,020.00	4,996.00	-1,203.05	112.12	1,207.59	0.00	391,083.55	618,128.22	
9,000.00	90.00	177.25	8,020.00	4,996.00	-1,302.93	116.92	1,307.58	0.00	390,983.67	618,133.02	
9,100.00	90.00	177.25	8,020.00	4,996.00	-1,402.82	121.72	1,407.57	0.00	390,883.78	618,137.82	
9,200.00	90.00	177.25	8,020.00	4,996.00	-1,502.70	126.52	1,507.57	0.00	390,783.90	618,142.62	
9,300.00	90.00	177.25	8,020.00	4,996.00	-1,602.59	131.31	1,607.56	0.00	390,684.01	618,147.41	
9,400.00	90.00	177.25	8,020.00	4,996.00	-1,702.47	136.11	1,707.55	0.00	390,584.13	618,152.21	
9,500.00	90.00	177.25	8,020.00	4,996.00	-1,802.36	140.91	1,807.55	0.00	390,484.24	618,157.01	
9,600.00	90.00	177.25	8,020.00	4,996.00	-1,902.24	145.71	1,907.54	0.00	390,384.36	618,161.81	
9,700.00	90.00	177.25	8,020.00	4,996.00	-2,002.13	150.51	2,007.53	0.00	390,284.47	618,166.61	
9,800.00	90.00	177.25	8,020.00	4,996.00	-2,102.01	155.30	2,107.53	0.00	390,184.59	618,171.40	
9,900.00	90.00	177.25	8,020.00	4,996.00	-2,201.90	160.10	2,207.52	0.00	390,084.70	618,176.20	
10,000.00	90.00	177.25	8,020.00	4,996.00	-2,301.78	164.90	2,307.51	0.00	389,984.82	618,181.00	
10,100.00	90.00	177.25	8,020.00	4,996.00	-2,401.67	169.70	2,407.51	0.00	389,884.93	618,185.80	
10,200.00	90.00	177.25	8,020.00	4,996.00	-2,501.55	174.50	2,507.50	0.00	389,785.05	618,190.60	
10,300.00	90.00	177.25	8,020.00	4,996.00	-2,601.44	179.29	2,607.50	0.00	389,685.16	618,195.39	
10,400.00	90.00	177.25	8,020.00	4,996.00	-2,701.32	184.09	2,707.49	0.00	389,585.28	618,200.19	
10,500.00	90.00	177.25	8,020.00	4,996.00	-2,801.21	188.89	2,807.48	0.00	389,485.39	618,204.99	
10,600.00	90.00	177.25	8,020.00	4,996.00	-2,901.09	193.69	2,907.48	0.00	389,385.51	618,209.79	
10,700.00	90.00	177.25	8,020.00	4,996.00	-3,000.98	198.48	3,007.47	0.00	389,285.62	618,214.58	
10,800.00	90.00	177.25	8,020.00	4,996.00	-3,100.86	203.28	3,107.46	0.00	389,185.74	618,219.38	
10,900.00	90.00	177.25	8,020.00	4,996.00	-3,200.75	208.08	3,207.46	0.00	389,085.85	618,224.18	
11,000.00	90.00	177.25	8,020.00	4,996.00	-3,300.63	212.88	3,307.45	0.00	388,985.97	618,228.98	
11,100.00	90.00	177.25	8,020.00	4,996.00	-3,400.52	217.68	3,407.44	0.00	388,886.08	618,233.78	
11,200.00	90.00	177.25	8,020.00	4,996.00	-3,500.40	222.47	3,507.44	0.00	388,786.20	618,238.57	
11,300.00	90.00	177.25	8,020.00	4,996.00	-3,600.29	227.27	3,607.43	0.00	388,686.31	618,243.37	

Pathfinder Energy Services

Pathfinder X & Y Survey Report

Company: OGX Resources
 Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Local Origin: 3024.00ft (12' RKB JW #1)
 Survey: 3024.00ft (12' RKB JW #1)
 Grid: Minimum Curvature
 EDM: 2003.16 Single User Db

Well Reposado 2 State #1H
 WELL @ 3024.00ft (12' RKB JW #1)
 WELL @ 3024.00ft (12' RKB JW #1)
 Grid
 Minimum Curvature
 EDM 2003.16 Single User Db

MD	Inc	AZ	TVL	TVLSS	MS	CH	V. Sec	Plan	North	East
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
11,400.00	90.00	177.25	8,020.00	4,996.00	-3,700.17	232.07	3,707.42	0.00	388,586.43	618,248.17
11,500.00	90.00	177.25	8,020.00	4,996.00	-3,800.05	236.87	3,807.42	0.00	388,486.55	618,252.97
11,600.00	90.00	177.25	8,020.00	4,996.00	-3,899.94	241.66	3,907.41	0.00	388,386.66	618,257.76
11,700.00	90.00	177.25	8,020.00	4,996.00	-3,999.82	246.46	4,007.40	0.00	388,286.78	618,262.56
11,800.00	90.00	177.25	8,020.00	4,996.00	-4,099.71	251.26	4,107.40	0.00	388,186.89	618,267.36
11,900.00	90.00	177.25	8,020.00	4,996.00	-4,199.59	256.06	4,207.39	0.00	388,087.01	618,272.16
12,000.00	90.00	177.25	8,020.00	4,996.00	-4,299.48	260.86	4,307.38	0.00	387,987.12	618,276.96
12,100.00	90.00	177.25	8,020.00	4,996.00	-4,399.36	265.65	4,407.38	0.00	387,887.24	618,281.75
12,200.00	90.00	177.25	8,020.00	4,996.00	-4,499.25	270.45	4,507.37	0.00	387,787.35	618,286.55
12,300.00	90.00	177.25	8,020.00	4,996.00	-4,599.13	275.25	4,607.36	0.00	387,687.47	618,291.35
12,407.88	90.00	177.25	8,020.00	4,996.00	-4,706.89	280.42	4,715.23	0.00	387,579.71	618,296.52
TD at 12407.88' MD - BHL(Rep#1H)										

Pathfinder Energy Services

Patfinder X & Y Survey Report

Company: OGX Resources
 Project: Eddy County
 Site: Reposado 2 State #1H
 Well: Reposado 2 State #1H
 Wellbore: OH
 Design: Plan #2

Survey Control Point Reference:
 Survey Control Point:
 Survey Control Point:
 Survey Control Point:
 Survey Control Point:
 Survey Control Point:

Well Reposado 2 State #1H
 WELL @ 3024.00ft (12' RKB JW #1)
 WELL @ 3024.00ft (12' RKB JW #1)
 Grid
 Minimum Curvature
 EDM 2003.16 Single User Db

Targets									
Target Name	Target Shape	Depth (ft)	MD (ft)	DLS (ft)	ELW (ft)	North (ft)	East (ft)	Latitude	Longitude
BHL(Rep#1H)		0.00	357.35	8,020.00	-4,706.90	280.20	387,579.700	618,296.300	32° 3' 53.988 N 103° 57' 5.247 W
- plan hits target									
- Point									

Formations						
North (ft)	Depth (ft)	Name	Lithology	MD (ft)	DLS (ft)	ELW (ft)
7,919.46	7,870.00	1st Bone Spring Sd		0.00		
6,952.21	6,950.00	Bone Spring		0.00		
4,021.80	4,020.00	Cherry Canyon		0.00		
3,171.62	3,170.00	Bell Canyon		0.00		
3,071.58	3,070.00	Base of Salt		0.00		
5,321.90	5,320.00	Brushy Canyon		0.00		
	8,750.00	2nd Bone Spring Sd		0.00		
3,141.61	3,140.00	Lamar		0.00		

Plan Annotations					
MD (ft)	Depth (ft)	Angle (°)	Distance (ft)	Description	
7,500.00	7,497.55	-92.67	73.15	Tie-In- 7500.00'MD, 2.86°INC, 210.59°AZI, 7497.55'TVD, 0.00°DLS	
8,333.93	8,020.00	-637.64	84.96	Land Curve- 8333.93'MD, 90.00°INC, 177.25°AZI, 8020.00'TVD, 10.51	
12,407.88	8,020.00	-4,706.89	280.42	TD at 12407.88' MD	

Checked By: _____ Approved By: _____ Date: _____