



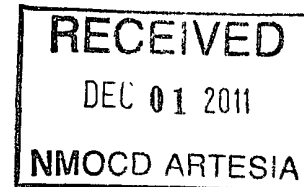
PHOENIX
TECHNOLOGY SERVICES

November 28, 2011

Oil Conservation Division
State of New Mexico
811 S. First St.
Artesia, New Mexico 88210

Dear District 2 - Artesia

Re: OGX Resources LLC
Sidewinder #2H *Unit D*
Eddy County, NM
API #30-015-38501
Job No. 1110673



Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. Other information required by your office is as follows:

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Brad Hill	2H	6,459	11,144	11/17/11	11/24/11	MWD

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,


Gretchen Briggs
Operations Administrator

Certified mail receipt number: 7010 1670 0000 9227 7201

Phoenix Technology Services
SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER	1110673	OPERATOR	OGX Resources
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WELL NAME	Sidewinder 2H	COUNTY & STATE	Eddy County, NM
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API WELL NUMBER	30-015-38501	PROPOSED DIRECTION	86.05
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TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
6,370 ft	6,368.66 ft	1.3 ft	163.0 ft	-27.61 ft	33.47 ft	Well Plan #2 111511 (OGX)

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
17-Nov-11	6,459 ft	6.8	98.0

SURVEY INSTRUMENT
TYPE
Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
24-Nov-11	11,144 ft	86.5	85.2

TO THE BEST OF MY KNOWLEDGE I
 CERTIFY THIS SURVEY DATA TO BE
 TRUE AND CORRECT.

PROJECTED	PROJECTED		
TD SURVEY	TD SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
24-Nov-11	11,200 ft	86.5	85.2

Brad Hill

PRINT YOUR NAME ABOVE

Brad Hill

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.55
DECLINATION OR GRID	DEC

11-24-11

TODAY'S DATE

MWD SUPERVISOR 1

Brad Hill

DIRECTIONAL DRILLER 1

Ted LaPrairie

MWD SUPERVISOR 2

Will Stanley

DIRECTIONAL DRILLER 2

Jamie Allen

DISTRICT I

1525 N. FRENCH DR., HOBUS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, 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 Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38501	Pool Code WC	Pool Name -BONE SPRING
Property Code 38510	Property Name SIDEWINDER	Well Number 2H
OGRID No. 217955	Operator Name OGX RESOURCES	Elevation 2994'

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	32	26-S	29-E		480	NORTH	480	WEST	EDDY

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
A	32	26-S	29-E		330	NORTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
138			

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

GRID AZ - 86° 02' 44" HORZ. DIST. - 4525.1' 680' FNL & 414' FNL LOT 1 LOT 2 LOT 3 LOT 4 PROJECT AREA PRODUCING AREA GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=365587.8 N X=599205.8 E LAT.=32.004711' N LONG.=104.013294' W BOTTOM HOLE LOCATION Y=365899.8 N X=603719.0 E RECEIVED FEB 01 2011 NMOC ARTESIA	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: <i>Joe T. Janica</i> Date: 01/31/11 Printed Name: Joe T. Janica 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. JANUARY 3, 2011 Date Surveyed: 01/31/2011 Signature: <i>Donald J. Eidson</i> Professional Surveyor NEW MEXICO No. 11,1939 Certificate No. GARY EIDSON 12641 DONALD J. EIDSON 3234
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OGX Resources

Eddy County, New Mexico (Nad27)

Sidewinder

Sidewinder 2H

Wellbore #1

Survey: Phoenix MWD Surveys

OGX Resources Survey Report

25 November, 2011

30-015-38501

Phoenix Technology Services

OGX Resources Survey Report

Company:	OGX Resources	Local Co-ordinate Reference:	Well Sidewinder 2H
Project:	Eddy County, New Mexico (Nad27)	TVD Reference:	WELL @ 3012.00usft (Original Well Elev + 18' KB)
Site:	Sidewinder	MD Reference:	WELL @ 3012.00usft (Original Well Elev + 18' KB)
Well:	Sidewinder 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	GCR DB v5000

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	Sidewinder		
Site Position:		Northing:	365,587.80 usft
From:	Map	Easting:	599,205.80 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 16.959 N
		Longitude:	104° 0' 47.857 W
		Grid Convergence:	0.17 °

Well	Sidewinder 2H					
Well Position	+N/-S	0.00 usft	Northing:	365,587.80 usft	Latitude:	32° 0' 16.959 N
	+E/-W	0.00 usft	Easting:	599,205.80 usft	Longitude:	104° 0' 47.857 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	2,994.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010_14	11/08/11	7.72	59.90	48,397

Design		Wellbore #1		
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	86.05

Phoenix Technology Services

OGX Resources Survey Report

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Site:	Sidewinder	MD Reference:	WELL @ 3012.00usft (Original Well Elev + 18' KB)
Well:	Sidewinder 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	GCR DB v5000

Survey Program		Date 11/25/11		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.00	6,370.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard
6,459.00	11,200.00	Phoenix MWD Surveys (Wellbore #1)	MWD	MWD - Standard

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVDSS (usft)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Easting (usft)	Northing (usft)
6,370.00	1.31	163.03	-3,356.66	6,368.66	-27.61	33.92	31.94	0.00	599,239.72	365,560.19
6,459.00	6.80	98.00	-3,445.43	6,457.43	-29.31	39.44	37.33	7.14	599,245.24	365,558.49
6,490.00	11.10	91.30	-3,476.05	6,488.05	-29.64	44.24	42.10	14.25	599,250.04	365,558.16
6,521.00	14.90	92.50	-3,506.25	6,518.25	-29.88	51.21	49.03	12.29	599,257.01	365,557.92
6,552.00	19.20	89.60	-3,535.88	6,547.88	-30.02	60.29	58.08	14.14	599,266.09	365,557.78
6,583.00	23.50	85.90	-3,564.74	6,576.74	-29.54	71.56	69.36	14.53	599,277.36	365,558.26
6,614.00	27.60	84.80	-3,592.71	6,604.71	-28.45	84.88	82.72	13.31	599,290.68	365,559.35
6,645.00	31.00	84.40	-3,619.74	6,631.74	-27.02	99.99	97.89	10.99	599,305.79	365,560.78
6,676.00	34.20	85.10	-3,645.85	6,657.85	-25.49	116.62	114.58	10.39	599,322.42	365,562.31
6,708.00	37.40	86.80	-3,671.80	6,683.80	-24.18	135.28	133.30	10.47	599,341.08	365,563.62
6,739.00	40.60	88.20	-3,695.89	6,707.89	-23.34	154.77	152.80	10.71	599,360.57	365,564.46
6,770.00	44.10	87.10	-3,718.80	6,730.80	-22.48	175.63	173.67	11.54	599,381.43	365,565.32
6,801.00	46.90	84.80	-3,740.52	6,752.52	-20.90	197.68	195.77	10.47	599,403.48	365,566.90
6,832.00	48.70	83.50	-3,761.35	6,773.35	-18.56	220.53	218.72	6.59	599,426.33	365,569.24
6,863.00	52.20	82.90	-3,781.08	6,793.08	-15.73	244.26	242.59	11.39	599,450.06	365,572.07
6,895.00	56.00	83.00	-3,799.84	6,811.84	-12.55	269.98	268.47	11.88	599,475.78	365,575.25
6,926.00	58.20	83.00	-3,816.68	6,828.68	-9.37	295.81	294.46	7.10	599,501.61	365,578.43
6,957.00	60.60	83.80	-3,832.46	6,844.46	-6.31	322.31	321.11	8.05	599,528.11	365,581.49
6,988.00	64.30	84.30	-3,846.80	6,858.80	-3.46	349.65	348.58	12.02	599,555.45	365,584.34
7,019.00	66.20	86.10	-3,859.78	6,871.78	-1.11	377.70	376.72	8.08	599,583.50	365,586.69
7,050.00	68.50	88.30	-3,871.71	6,883.71	0.28	406.27	405.32	9.90	599,612.07	365,588.08

Phoenix Technology Services

OGX Resources Survey Report

Company:	OGX Resources	Local Co-ordinate Reference:	Well Sidewinder 2H
Project:	Eddy County, New Mexico (Nad27)	TVD Reference:	WELL @ 3012.00usft (Original Well Elev + 18' KB)
Site:	Sidewinder	MD Reference:	WELL @ 3012.00usft (Original Well Elev + 18' KB)
Well:	Sidewinder 2H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	GCR DB v5000

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVDSS (usft)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Easting (usft)	Northing (usft)
7,082.00	72.50	88.80	-3,882.39	6,894.39	1.04	436.42	435.45	12.59	599,642.22	365,588.84
7,113.00	77.20	88.10	-3,890.49	6,902.49	1.85	466.32	465.34	15.32	599,672.12	365,589.65
7,144.00	81.90	87.50	-3,896.11	6,908.11	3.03	496.77	495.80	15.28	599,702.57	365,590.83
7,183.00	87.20	87.30	-3,899.82	6,911.82	4.79	535.54	534.60	13.60	599,741.34	365,592.59
7,214.00	88.20	87.40	-3,901.06	6,913.06	6.22	566.49	565.57	3.24	599,772.29	365,594.02
7,308.00	88.20	87.20	-3,904.01	6,916.01	10.64	660.33	659.50	0.21	599,866.13	365,598.44
7,401.00	88.00	87.40	-3,907.10	6,919.10	15.02	753.18	752.43	0.30	599,958.98	365,602.82
7,495.00	89.40	86.90	-3,909.23	6,921.23	19.70	847.04	846.38	1.58	600,052.84	365,607.50
7,589.00	89.60	86.50	-3,910.05	6,922.05	25.11	940.88	940.37	0.48	600,146.68	365,612.91
7,682.00	89.70	85.20	-3,910.62	6,922.62	31.84	1,033.63	1,033.37	1.40	600,239.43	365,619.64
7,776.00	89.00	84.70	-3,911.69	6,923.69	40.11	1,127.26	1,127.34	0.92	600,333.06	365,627.91
7,869.00	88.80	84.80	-3,913.47	6,925.47	48.62	1,219.85	1,220.30	0.24	600,425.65	365,636.42
7,962.00	88.70	84.80	-3,915.50	6,927.50	57.04	1,312.45	1,313.26	0.11	600,518.25	365,644.84
8,056.00	88.40	84.50	-3,917.88	6,929.88	65.81	1,406.01	1,407.20	0.45	600,611.81	365,653.61
8,150.00	87.80	84.50	-3,920.99	6,932.99	74.81	1,499.52	1,501.11	0.64	600,705.32	365,662.61
8,244.00	86.80	84.30	-3,925.42	6,937.42	83.97	1,592.97	1,594.97	1.08	600,798.77	365,671.77
8,337.00	87.50	85.50	-3,930.05	6,942.05	92.23	1,685.48	1,687.83	1.49	600,891.28	365,680.03
8,431.00	88.20	86.70	-3,933.57	6,945.57	98.62	1,779.20	1,781.76	1.48	600,985.00	365,686.42
8,524.00	88.70	87.70	-3,936.09	6,948.09	103.16	1,872.05	1,874.71	1.20	601,077.85	365,690.96
8,618.00	88.70	87.60	-3,938.22	6,950.22	107.01	1,965.95	1,968.65	0.11	601,171.75	365,694.81
8,711.00	88.40	87.50	-3,940.57	6,952.57	110.99	2,058.83	2,061.59	0.34	601,264.63	365,698.79
8,805.00	89.00	86.00	-3,942.71	6,954.71	116.31	2,152.65	2,155.55	1.72	601,358.45	365,704.11
8,898.00	89.00	85.80	-3,944.33	6,956.33	122.96	2,245.40	2,248.54	0.22	601,451.20	365,710.76
8,991.00	89.40	84.80	-3,945.63	6,957.63	130.58	2,338.08	2,341.52	1.16	601,543.88	365,718.38
9,085.00	89.60	84.80	-3,946.45	6,958.45	139.10	2,431.69	2,435.49	0.21	601,637.49	365,726.90
9,178.00	89.40	84.10	-3,947.26	6,959.26	148.10	2,524.25	2,528.45	0.78	601,730.05	365,735.90
9,272.00	89.00	84.10	-3,948.57	6,960.57	157.76	2,617.74	2,622.39	0.43	601,823.54	365,745.56

Phoenix Technology Services
OGX Resources Survey Report

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Design:	Wellbore #1	Database:	GCR DB v5000

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVDSS (usft)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Easting (usft)	Northing (usft)
9,366.00	87.70	85.20	-3,951.28	6,963.28	166.52	2,711.29	2,716.32	1.81	601,917.09	365,754.32
9,460.00	87.80	84.80	-3,954.97	6,966.97	174.70	2,804.86	2,810.23	0.44	602,010.66	365,762.50
9,554.00	87.40	84.00	-3,958.91	6,970.91	183.87	2,898.33	2,904.11	0.95	602,104.13	365,771.67
9,649.00	87.30	84.20	-3,963.30	6,975.30	193.62	2,992.72	2,998.95	0.24	602,198.52	365,781.42
9,742.00	87.80	84.40	-3,967.27	6,979.27	202.85	3,085.18	3,091.82	0.58	602,290.98	365,790.65
9,835.00	88.00	83.90	-3,970.68	6,982.68	212.32	3,177.63	3,184.71	0.58	602,383.43	365,800.12
9,929.00	88.60	85.80	-3,973.47	6,985.47	220.76	3,271.21	3,278.64	2.12	602,477.01	365,808.56
10,023.00	89.10	85.20	-3,975.36	6,987.36	228.13	3,364.90	3,372.62	0.83	602,570.70	365,815.93
10,117.00	89.10	84.90	-3,976.83	6,988.83	236.24	3,458.53	3,466.59	0.32	602,664.33	365,824.04
10,211.00	89.10	86.60	-3,978.31	6,990.31	243.21	3,552.26	3,560.58	1.81	602,758.06	365,831.01
10,304.00	89.60	86.50	-3,979.37	6,991.37	248.80	3,645.09	3,653.57	0.55	602,850.89	365,836.60
10,398.00	90.40	86.80	-3,979.37	6,991.37	254.30	3,738.92	3,747.56	0.91	602,944.72	365,842.10
10,491.00	87.80	87.50	-3,980.83	6,992.83	258.92	3,831.79	3,840.52	2.90	603,037.59	365,846.72
10,584.00	87.70	87.40	-3,984.48	6,996.48	263.05	3,924.63	3,933.42	0.15	603,130.43	365,850.85
10,677.00	87.10	87.20	-3,988.70	7,000.70	267.43	4,017.43	4,026.31	0.68	603,223.23	365,855.23
10,770.00	87.80	85.10	-3,992.83	7,004.83	273.67	4,110.12	4,119.21	2.38	603,315.92	365,861.47
10,863.00	87.60	85.00	-3,996.57	7,008.57	281.69	4,202.70	4,212.12	0.24	603,408.50	365,869.49
10,956.00	86.70	85.00	-4,001.19	7,013.19	289.78	4,295.23	4,304.99	0.97	603,501.03	365,877.58
11,050.00	86.40	85.40	-4,006.85	7,018.85	297.63	4,388.73	4,398.81	0.53	603,594.53	365,885.43
11,144.00	86.50	85.20	-4,012.67	7,024.67	305.32	4,482.23	4,492.62	0.24	603,688.03	365,893.12
11,200.00	86.50	85.20	-4,016.09	7,028.09	310.00	4,537.93	4,548.51	0.00	603,743.73	365,897.80

Checked By: _____	Approved By: _____	Date: _____
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