



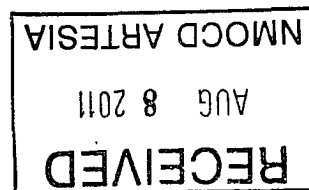
PHOENIX
TECHNOLOGY SERVICES

05 August 2011

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

Dear District 2 - Artesia

Re: OGX Resources LLC
Diamondback 22 State Com 2H
Eddy County, NM
API #30-015-39105
Job No. 1110410



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	6,070	10,723	07/23/11	08/02/11	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 7096

Phoenix Technology Services SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER

1110410

OPERATOR

OGX Resources

WELL NAME

Diamondback 22 State Com 2H

COUNTY & STATE

Eddy Co, New Mexico

API WELL NUMBER

3001539105

PROPOSED DIRECTION

183.03

TIE-IN DATA						
MEASURED DEPTH	VERTICAL DEPTH	INCLIN	AZIMUTH	N-S COORD	E-W COORD	DATA SOURCE
6047.00 ft	6045.69 ft	2.0 ft	203.4 ft	13.96 N	-16.16 ft	Scientific Drilling

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
23-Jul-11	6,070 ft	1.6	197.4

SURVEY INSTRUMENT

TYPE

Phoenix MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
2-Aug-11	10,723 ft	91.8	181.8

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

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
2-Aug-11	10,775 ft	91.8	181.8

Brad Hill

PRINT YOUR NAME ABOVE

SIGN YOUR NAME ABOVE

8/2/2011

TODAY'S DATE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	7.66
DECLINATION OR GRID	GRID

MWD SUPERVISOR 1

Brad Hill

DIRECTIONAL DRILLER 1

Ted LaPrarie

MWD SUPERVISOR 2

Brandon Davenport

DIRECTIONAL DRILLER 2

Jimmy Jenkins

1805 Brittmore Road

Houston, Texas 77043

(713)3370609 (Voice); (713)337-0599 (Fax)

DISTRICT I

1625 N. French Dr., Hobbs, 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

Form C-102

Revised October 15, 2009

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 16800	Pool Name DELAWARE RIVER-BONE SPRING
Property Code	Property Name DIAMONDBACK "22" STATE COM	Well Number 2H
GRID No. 217955	Operator Name OGX RESOURCES, LLC	Elevation 2981'

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	22	26 S	28 E		580	NORTH	580	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
M	22	26 S	28 E		330	SOUTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	ENL consolidation Code	Order No.
160			

NO ALLOWABLE V & ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
R A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION
Lat - N 32°02'00.87"
Long - W 104°04'53.32"
NMSPC- N 376043.739
E 619381.569
(NAD-83)

SURFACE LOCATION
Lat - N 32°02'00.42"
Long - W 104°04'51.57"
NMSPC- N 375986.484
E 578196.698
(NAD-27)

PROPOSED BOTTOM HOLE LOCATION
Lat - N 32°01'17.47"
Long - W 104°04'56.13"
NMSPC- N 371658.794
E 619149.913
(NAD-83)

PROPOSED BOTTOM HOLE LOCATION
Lat - N 32°01'17.03"
Long - W 104°04'54.38"
NMSPC- N 371601.629
E 577954.954
(NAD-27)

OPERATOR CERTIFICATION

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order, heretofore entered by the division.

Joe T. Janica
Signature
Date 06/03/11

Joe T. Janica
Printed Name

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.

MAY 3, 2011

Date Surveyed
Signature & Seal of Professional Surveyor
W.O. No. 24626
Certificate No. Gary L. Jones 7977
BASIN SURVEYS

SECTION 22, TOWNSHIP 26 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

150' NORTH
OFF SET
2982.8'
□

OGX RESOURCES, LLC
DIAMONDBACK "22" STATE COM #2H
ELEV. - 2981'

150' WEST OFF SET □ 2982.0' 150' EAST OFF SET □ 2978.4'

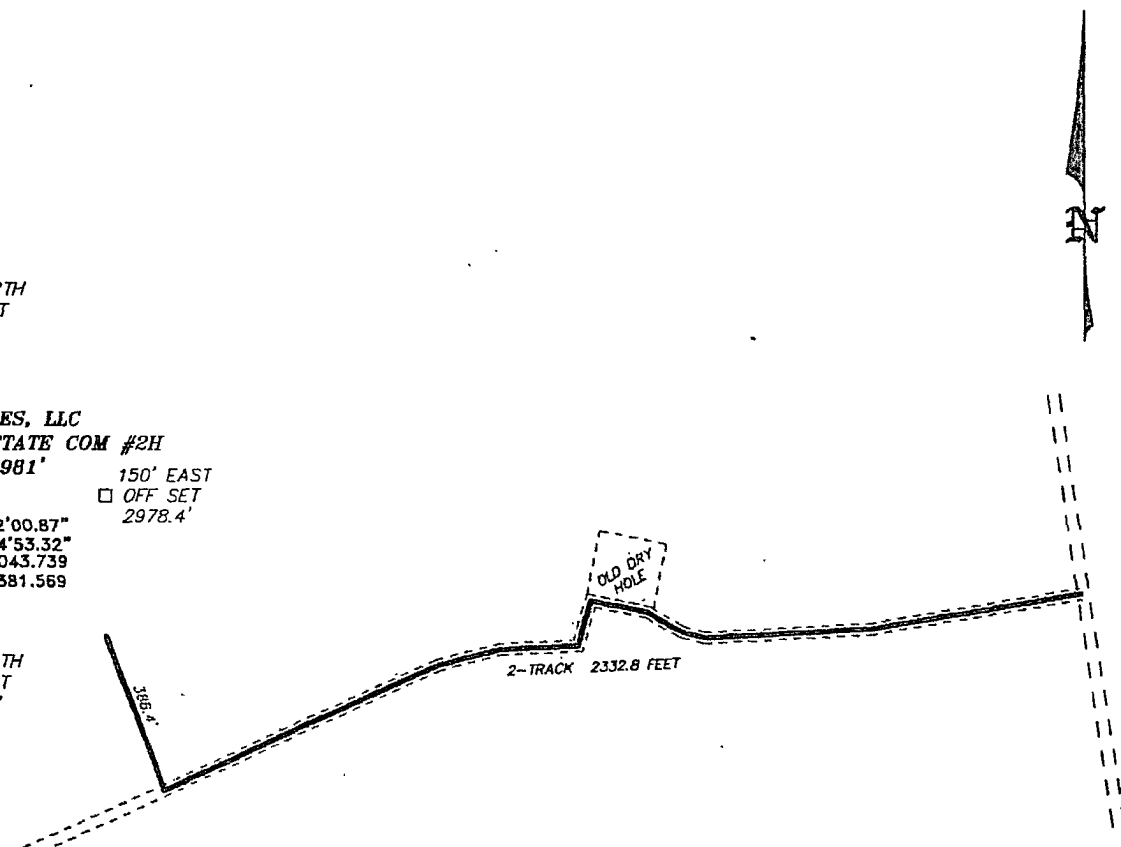
Lat - N 32°02'00.87"
Long - W 104°04'53.32"
NMSPCE- N 376043.739
E 619381.569
(NAD-83)
□

150' SOUTH
OFF SET
2978.0'

388.2'

2-TRACK 2332.8 FEET

OLD DRY HOLE



200 0 200 400 FEET
SCALE: 1" = 200'

Directions to Location:

FROM MILE MARKER 4 OF HWY 285, GO SOUTH 0.2
MILES TO LEASE ROAD, ON LEASE ROAD GO WEST
0.9 MILES TO PIPELINE ROW AND ROAD, GO SOUTH
0.5 MILES TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 24626 Drawn By: J. SMALL

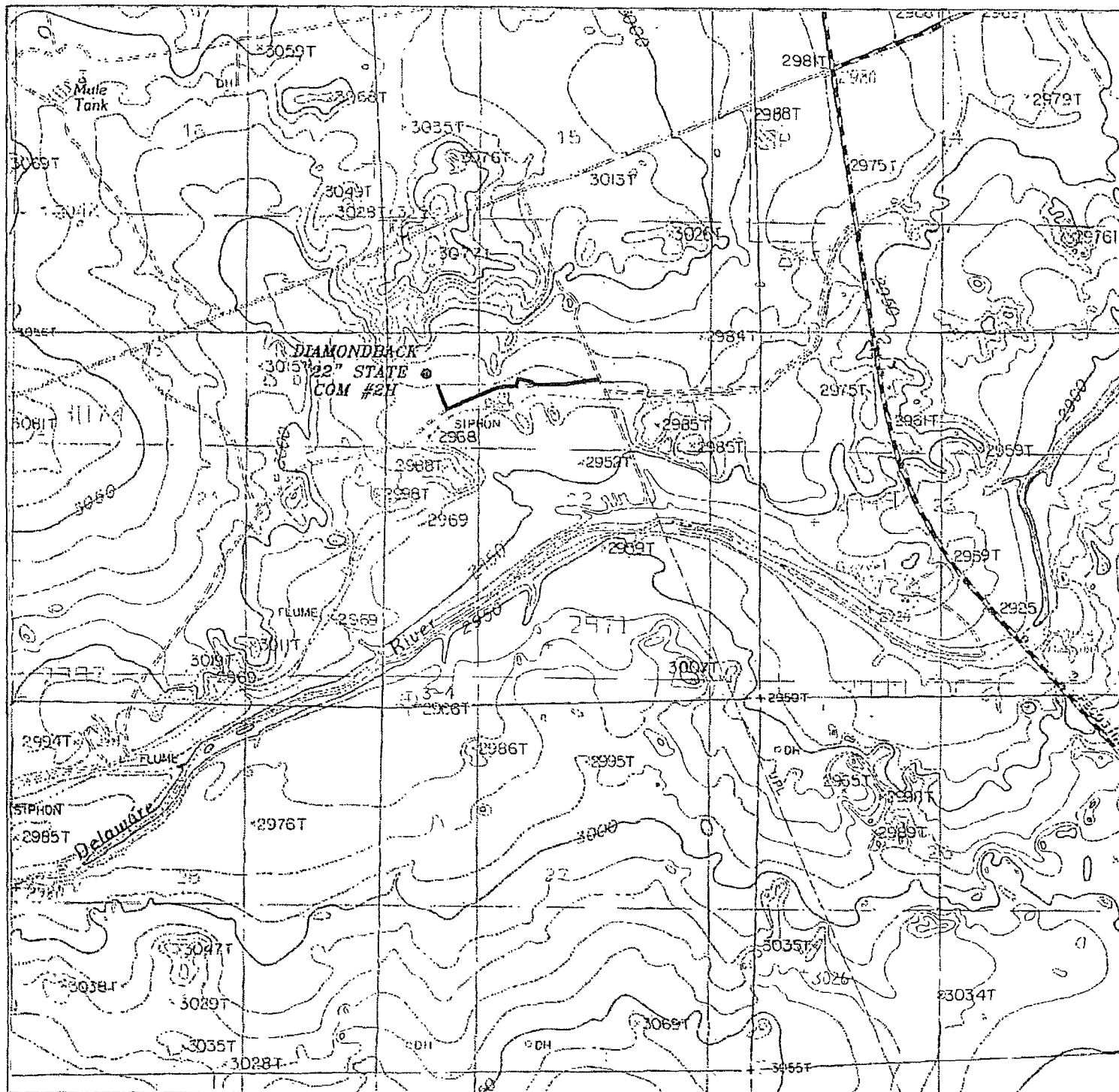
Date: 05-18-2011 Disk: JMS 24626

OGX RESOURCES, LLC

REF: DIAMONDBACK "22" STATE COM #2H / WELL PAD TOPO

THE DIAMONDBACK "22" STATE COM #2H LOCATED 580'
FROM THE NORTH LINE AND 580' FROM THE WEST LINE OF
SECTION 22, TOWNSHIP 26 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 05-03-2011 Sheet 1 of 1 Sheets



DIAMONDBACK "22" STATE COM #2H
 Located 580' FNL and 580' FWL
 Section 22, Township 26 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.

Basin
surveys

Surveying & Engineering
 in the field

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7313 - Office
 (575) 392-1206 - Cell
 basin-surveys.com

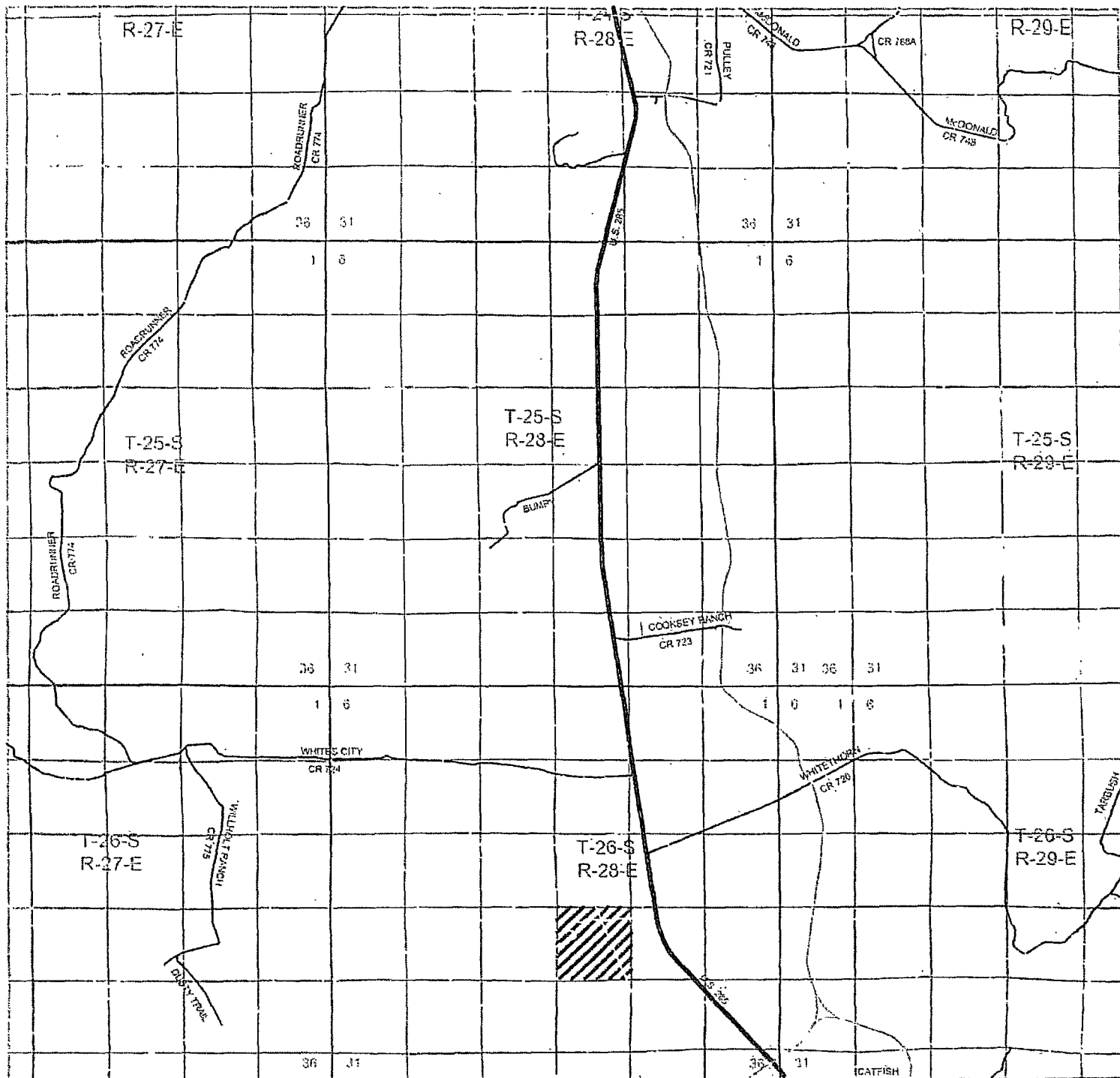
W.O. Number: JMS 24626

Survey Date: 05-03-2011

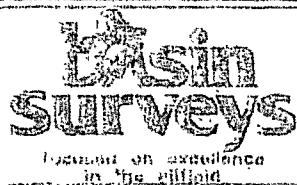
Scale: 1" = 400'

Date: 05-18-2011

OGX
RESOURCES,
LLC



DIAMONDBACK "22" STATE COM #2H
 Located 580' FNL and 580' FWL
 Section 22, Township 26 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7314 - Office
 (575) 392-4228 - Fax
 basin-surveys.com

W.O. Number: JMS 24626

Survey Date: 05-03-2011

Scale: 1" = 2 Miles

Date: 05-18-2011

OGX
RESOURCES,
LLC



DIAMONDBACK "22" STATE COM #2H

Locality 580' ...

...

SURVEYS

OGX
RESOURCES,
LLC

Job Number: ☐State/Country: ☐Company: ☐Declination: ☐Lease/Well: ☐Grid: ☐Location: ☐

File name: F:\1110410.SVY

Rig Name: ☐

Date/Time: 03-Aug-11 / 12:42

RKB: ☐

Curve Name: Diamondback 2H

G.L. or M.S.L.: ☐

Scientific Drilling

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 183.03
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

RECEIVED

AUG 8 2011

NMOCD ARTESIA

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
6047.00	1.99	203.40	6045.69	13.96	-16.16	-13.09	21.35	310.82	.00
6070.00	1.60	197.40	6068.68	13.29	-16.41	-12.40	21.12	308.99	1.88
6101.00	2.00	191.80	6099.66	12.34	-16.65	-11.45	20.73	306.55	1.41
6133.00	6.50	182.50	6131.57	9.99	-16.85	-9.08	19.59	300.66	14.18
6164.00	11.60	179.10	6162.17	5.11	-16.88	-4.22	17.63	286.86	16.53
6195.00	16.80	180.70	6192.21	-2.49	-16.88	3.38	17.06	261.62	16.82
6226.00	21.70	184.00	6221.47	-12.69	-17.34	13.59	21.48	233.80	16.19
6257.00	26.30	190.00	6249.79	-25.18	-18.93	26.14	31.50	216.94	16.78
6288.00	29.40	193.30	6277.20	-39.35	-21.87	40.45	45.02	209.07	11.16
6320.00	31.70	191.70	6304.75	-55.23	-25.39	56.50	60.79	204.69	7.62
6351.00	35.20	189.00	6330.62	-72.04	-28.44	73.44	77.45	201.54	12.27
6382.00	38.70	184.00	6355.39	-90.54	-30.51	92.03	95.54	198.62	14.87
6413.00	41.40	179.70	6379.12	-110.46	-31.13	111.96	114.77	195.74	12.47
6444.00	45.20	178.90	6401.68	-131.72	-30.87	133.17	135.29	193.19	12.38
6475.00	49.20	179.00	6422.74	-154.46	-30.45	155.85	157.43	191.15	12.91
6506.00	51.90	180.10	6442.44	-178.39	-30.27	179.74	180.94	189.63	9.13
6538.00	54.20	181.10	6461.67	-203.96	-30.54	205.29	206.23	188.52	7.61
6569.00	57.40	182.10	6479.09	-229.59	-31.26	230.92	231.70	187.75	10.66
6600.00	59.50	183.20	6495.31	-255.97	-32.48	257.33	258.03	187.23	7.42
6631.00	60.50	183.40	6510.81	-282.77	-34.03	284.18	284.81	186.86	3.27
6662.00	62.80	183.40	6525.53	-310.01	-35.65	311.46	312.05	186.56	7.42
6693.00	67.20	182.70	6538.63	-338.06	-37.14	339.55	340.09	186.27	14.34
6725.00	71.60	182.20	6549.89	-367.97	-38.42	369.49	369.97	185.96	13.83

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
6756.00	74.70	182.10	6558.87	-397.62	-39.53	399.15	399.58	185.68	10.00
6787.00	78.40	182.10	6566.08	-427.74	-40.64	429.29	429.67	185.43	11.94
6858.00	87.50	183.40	6574.79	-498.05	-44.02	499.68	499.99	185.05	12.94
6951.00	91.80	184.80	6575.35	-590.79	-50.67	592.64	592.95	184.90	4.86
7045.00	93.60	184.00	6570.93	-684.40	-57.87	686.50	686.84	184.83	2.10
7138.00	92.60	184.30	6565.90	-777.02	-64.59	779.35	779.70	184.75	1.12
7232.00	91.30	184.40	6562.70	-870.69	-71.72	873.27	873.64	184.71	1.39
7326.00	87.80	184.10	6563.44	-964.42	-78.68	967.23	967.62	184.66	3.74
7419.00	88.40	183.20	6566.52	-1057.17	-84.60	1060.17	1060.55	184.58	1.16
7513.00	88.90	183.40	6568.74	-1150.99	-90.01	1154.14	1154.51	184.47	.57
7607.00	87.90	183.40	6571.36	-1244.79	-95.58	1248.10	1248.45	184.39	1.06
7700.00	89.80	182.50	6573.23	-1337.64	-100.37	1341.08	1341.40	184.29	2.26
7795.00	89.70	182.70	6573.64	-1432.54	-104.68	1436.07	1436.36	184.18	.24
7888.00	90.10	182.60	6573.80	-1525.44	-108.98	1529.07	1529.33	184.09	.44
7982.00	89.60	182.00	6574.05	-1619.37	-112.75	1623.06	1623.29	183.98	.83
8076.00	88.50	181.40	6575.61	-1713.31	-115.54	1717.02	1717.20	183.86	1.33
8170.00	89.10	180.80	6577.58	-1807.27	-117.34	1810.95	1811.08	183.71	.90
8264.00	90.30	181.70	6578.07	-1901.25	-119.39	1904.90	1904.99	183.59	1.60
8357.00	90.30	181.50	6577.58	-1994.21	-121.99	1997.87	1997.94	183.50	.22
8450.00	90.20	181.00	6577.18	-2087.18	-124.02	2090.82	2090.87	183.40	.55
8544.00	92.00	181.60	6575.37	-2181.14	-126.15	2184.76	2184.78	183.31	2.02
8638.00	90.40	183.30	6573.40	-2275.03	-130.17	2278.73	2278.75	183.27	2.48
8731.00	90.50	182.50	6572.67	-2367.90	-134.87	2371.72	2371.74	183.26	.87
8824.00	89.60	181.70	6572.59	-2460.84	-138.28	2464.71	2464.72	183.22	1.29
8918.00	90.90	182.20	6572.18	-2554.78	-141.48	2558.69	2558.70	183.17	1.48
9011.00	91.00	181.60	6570.64	-2647.72	-144.56	2651.66	2651.66	183.13	.65
9104.00	90.20	182.90	6569.67	-2740.64	-148.21	2744.64	2744.64	183.10	1.64
9198.00	90.40	183.10	6569.17	-2834.51	-153.13	2838.64	2838.64	183.09	.30
9292.00	90.70	183.80	6568.27	-2928.33	-158.79	2932.63	2932.63	183.10	.81
9385.00	90.00	184.10	6567.70	-3021.11	-165.19	3025.62	3025.62	183.13	.82
9479.00	87.10	183.30	6570.08	-3114.87	-171.26	3119.57	3119.58	183.15	3.20
9572.00	86.50	182.10	6575.27	-3207.62	-175.63	3212.42	3212.43	183.13	1.44
9666.00	89.00	183.40	6578.96	-3301.43	-180.14	3306.34	3306.34	183.12	3.00
9761.00	87.60	182.40	6581.78	-3396.26	-184.94	3401.29	3401.30	183.12	1.81
9855.00	88.30	183.70	6585.14	-3490.07	-189.94	3495.23	3495.23	183.12	1.57
9948.00	90.80	183.60	6585.87	-3582.87	-195.86	3588.21	3588.22	183.13	2.69
10041.00	90.50	183.50	6584.82	-3675.68	-201.62	3681.20	3681.21	183.14	.34
10135.00	91.30	182.00	6583.34	-3769.56	-206.13	3775.19	3775.19	183.13	1.81
10230.00	89.50	182.70	6582.68	-3864.47	-210.02	3870.17	3870.18	183.11	2.03
10324.00	91.30	181.50	6582.02	-3958.40	-213.47	3964.15	3964.16	183.09	2.30
10417.00	93.30	180.50	6578.29	-4051.31	-215.09	4057.01	4057.01	183.04	2.40
10511.00	92.90	180.90	6573.21	-4145.16	-216.24	4150.80	4150.80	182.99	.60
10604.00	92.40	181.90	6568.91	-4238.04	-218.51	4243.66	4243.66	182.95	1.20

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
10698.00	92.00	181.70	6565.30	-4331.92	-221.46	4337.57	4337.58	182.93	.48
TD									
10723.00	91.80	181.80	6564.47	-4356.89	-222.22	4362.55	4362.56	182.92	.89
STRAIGHT LINE PTB AT TD 11' high and 8' left									
10775.00	91.80	181.80	6562.84	-4408.84	-223.85	4414.51	4414.52	182.91	.00