

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
☒ AMENDED REPORT

RCVD AUG 10 1960
OIL CONS. DIV.
DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34920	² Pool Code 71629	³ Pool Name Basin Fruitland Coal Gas
⁴ Property Code 33206	⁵ Property Name BROOKHAVEN A	⁶ Well Number 2H
⁷ OGRID No 013998	⁸ Operator Name MARALEX RESOURCES, INC.	⁹ Elevation 6729

¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Ida.	Feet from the	North/South Line	Feet from the	East/West Line	County
O	29	25 N	10 W		660	South	1840	East	San Juan

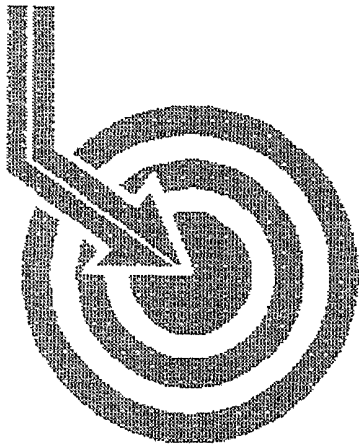
¹¹ Bottom Hole Location If Different From Surface

UL or Lot No. 1	Section 29	Township 25 N	Range 10 W	Lot Idn.	Feet from the 1554	North/South Line South	Feet from the 1037	East/West Line East	County San Juan
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¹² Dedicated Acres S/2 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

16 S 89° 47' W 79.55 Ch.	79.91 Ch.	17 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 8/6/10 Signature _____ Date _____ Printed Name <u>DORIS N. MAY</u>
Sec.		79.70 Ch.
29		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot 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. Rev. 18 Mar 2010 29 Sep 2008 Rev. 06 Aug 2010 Date of Survey _____ Signature and Seal of Professional Surveyor _____ William E. Mahanke II Certificate Number <u>8486</u>
North S 89° 56' W 79.97 Ch.		N 0° 03' W 1037' Bottom Hole 1554' 1840' N 41° 56' 34" E, 1202.06' Lat. 36.36669° N Long. 107.91719° W 660'



Scientific Drilling

RCWD SEP 3 '10
OIL CONS. DIV.
DIST. 3

MARALEX RESOURCES INC.

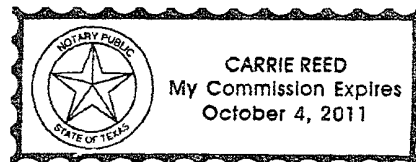
Field: Brookhaven
Site: San Juan County, NM
Well: Brookhaven A #2R/H
Wellpath: VH - Job #33K0510071
Survey: 05/20/10

This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]
Company Representative

Notarized this date 21st of June, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International, Inc.

Survey Report

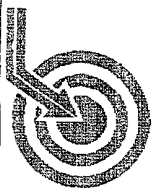
Company: MARALEX RESOURCES INC.
Field: Brookhaven
Site: San Juan County, NM
Well: Brookhaven #A2R
Wellpath: VH - Job #33K0510071

Date: 5/31/2010 Time: 21:16:43 Page: 1
Co-ordinate(NE) Reference: Site: San Juan County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N;0.00E,41.95Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 05/20/10 Start Date: 5/20/2010
KSRG 0'-1070'
Company: Scientific Drilling Internatio Engineer: Kasbaum
Tool: KSRG, Keeper Gyro Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.46	72.68	100.0	0.3	0.1	0.4	0.46	0.4	72.68
200.0	0.59	148.38	200.0	0.5	-0.2	1.0	0.65	1.1	100.89
300.0	0.99	163.38	300.0	-0.1	-1.5	1.6	0.45	2.1	133.34
400.0	1.22	168.16	400.0	-1.1	-3.3	2.0	0.25	3.9	148.81
500.0	1.29	175.31	499.9	-2.5	-5.5	2.3	0.17	6.0	157.04
600.0	1.17	178.59	599.9	-4.0	-7.6	2.4	0.14	8.0	162.25
700.0	1.15	179.68	699.9	-5.5	-9.7	2.5	0.03	10.0	165.62
800.0	1.42	177.28	799.9	-7.2	-11.9	2.5	0.28	12.2	167.95
900.0	1.70	173.46	899.8	-9.0	-14.6	2.8	0.30	14.9	169.27
1000.0	2.14	179.95	999.8	-11.4	-18.0	2.9	0.49	18.2	170.70
1070.0	2.58	184.61	1069.7	-13.6	-20.8	2.8	0.69	21.0	172.31



**Scientific
Drilling**

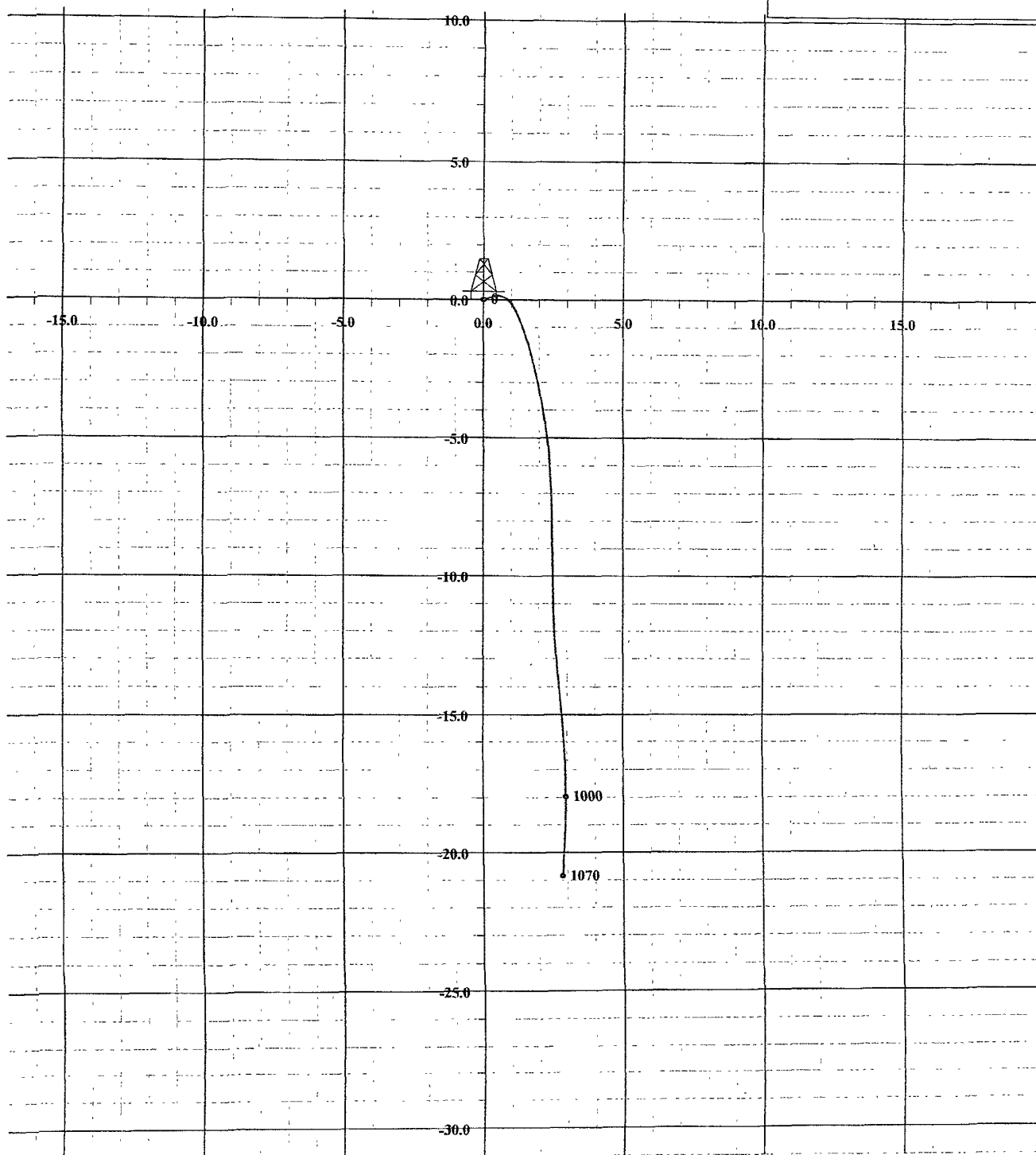
Field: Brookhaven
Site: San Juan County, NM
Well: Brookhaven #A2R
Survey: 05/20/10



Azimuths to True North
Magnetic North 0 00°

Strength OnT
Date: 5/31/2010
Model igrf2000

South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]

Maralex Resources, Inc

Brookhaven A#2R
San Juan Co, New Mexico



FORMATION TOP DETAILS

No. TVDPath MDPath Formation
No formation top details fall on the wellpath.

SITE DETAILS

Brookhaven A#2R

Site Centre Latitude: 36°22'00.840N
Longitude: 107°55'01.884W

Ground Level: 6729.00
Positional Uncertainty: 0.00
Convergence: -0.05

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	1070.00	2.58	184.61	1069.72	-20.87	2.81	0.00	0.00	-13.64	
2	1341.44	30.00	0.00	1329.88	42.62	2.31	12.00	175.72	33.24	
3	1901.00	88.74	46.80	1613.25	420.55	234.89	12.30	51.41	469.79	
4	3159.83	88.74	46.80	1640.91	1282.01	1152.38	0.00	0.00	1723.81	Pbhl

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Brookhaven A#2R	0.00	0.00	1952867.82	2698408.72	36°22'00.840N	107°55'01.884W	N/A

LEGEND

Brookhaven A#2R, A#2R, Gyro
Brookhaven A#2R, A#2R, Plan #4
Wft Svy

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Pbhl	1640.91	1282.01	1152.38	1954148.83	2699562.21	Point



Azimuths to True North
Magnetic North: 10.05°

Magnetic Field
Strength: 50653nT
Dip Angle: 63.13°
Date: 5/20/2010
Model: IGRF2010

Total Correction to True North: 10.05°

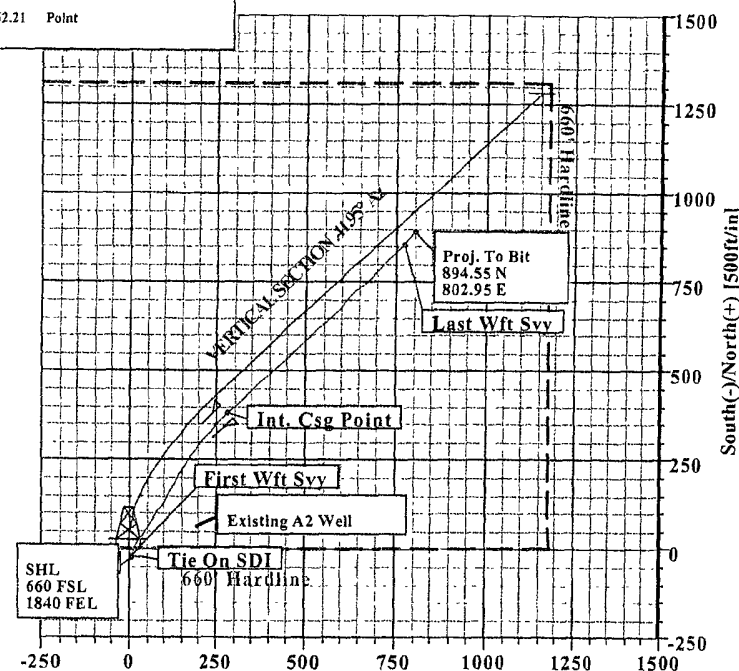
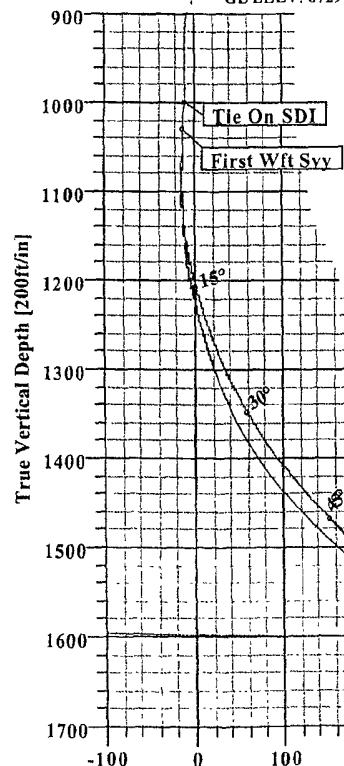
FIELD DETAILS

San Juan Co., NM

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Western Zone
Magnetic Model: IGRF2010

System Datum: Mean Sea Level
Local North: True North

KB ELEV: NA
GL ELEV: 6729



Survey: Wft Svy (Brookhaven A#2R/A#2R)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
51	2608.00	86.04	42.76	1622.78	894.55	802.95	0.00	0.00	1202.06

Last Wft Svy
Proj. To Bit

Pbhl

Survey: Wft Svy (Brookhaven A#2R/A#2R)

Created By: Russell W Joyner

Date: 5/27/2010

Weatherford

Client : Maralex Resources, Inc.
Well : Brookhaven A#2R
Location : San Juan Co.NM
License :

Page: 1
Date: 5/26/2010
File : 4019486

UWI #:

Vertical Section Calculated Along Azimuth 41.95° KB Elevation = 6729.00ft GR. Elevation = 6712.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
0	1000.00	2.14	179.95	999.78	-17.98	2.94	-11.41	0.00	0.00	0.00
1	1030.00	2.29	182.27	1029.76	-19.14	2.92	-12.28	0.58	0.50	7.73
2	1068.00	2.16	178.61	1067.73	-20.61	2.90	-13.39	0.51	-0.34	-9.63
3	1098.00	0.87	82.52	1097.72	-21.15	3.14	-13.63	8.04	-4.30	-320.30
4	1129.00	4.39	30.78	1128.69	-20.10	3.98	-12.28	12.62	11.35	-166.90
5	1160.00	8.65	25.26	1159.48	-16.97	5.59	-8.89	13.87	13.74	-17.81
6	1194.00	13.13	19.80	1192.86	-11.02	7.99	-2.86	13.51	13.18	-16.06
7	1226.00	17.04	23.11	1223.75	-3.29	11.06	4.95	12.51	12.22	10.34
8	1258.00	20.13	27.43	1254.08	5.92	15.44	14.72	10.57	9.66	13.50
9	1291.00	24.06	30.55	1284.65	16.75	21.48	26.82	12.42	11.91	9.45
10	1323.00	26.71	33.20	1313.56	28.39	28.73	40.32	9.01	8.28	8.28
11	1355.00	29.25	33.80	1341.82	40.91	37.02	55.17	7.99	7.94	1.88
12	1387.00	32.94	34.37	1369.21	54.59	46.28	71.54	11.57	11.53	1.78
13	1419.00	37.00	34.68	1395.43	69.70	56.68	89.72	12.70	12.69	0.97
14	1452.00	40.40	34.22	1421.18	86.71	68.35	110.18	10.34	10.30	-1.39
15	1484.00	42.50	33.05	1445.17	104.35	80.07	131.13	6.99	6.56	-3.66
16	1516.00	45.00	32.55	1468.28	122.95	92.06	152.98	7.89	7.81	-1.56
17	1548.00	48.11	31.22	1490.28	142.68	104.32	175.85	10.18	9.72	-4.16
18	1580.00	51.94	29.43	1510.84	163.84	116.69	199.86	12.71	11.97	-5.59
19	1612.00	55.10	28.93	1529.86	186.31	129.23	224.95	9.95	9.88	-1.56
20	1645.00	59.56	30.43	1547.67	210.43	142.99	252.09	14.05	13.52	4.55
21	1676.00	64.03	32.60	1562.32	233.70	157.28	278.95	15.68	14.42	7.00
22	1709.00	68.75	35.30	1575.54	258.77	174.17	308.88	16.15	14.30	8.18
23	1741.00	73.31	37.18	1585.94	283.17	192.06	338.99	15.29	14.25	5.87
24	1773.00	77.63	39.57	1593.96	307.44	211.29	369.89	15.31	13.50	7.47
25	1805.00	82.28	42.08	1599.54	331.27	231.88	401.38	16.46	14.53	7.84
26	1826.00	84.92	44.65	1601.89	346.44	246.21	422.24	17.49	12.57	12.24
27	1878.00	87.99	45.70	1605.10	383.02	283.02	474.05	6.24	5.90	2.02
28	1911.00	88.06	47.55	1606.24	405.67	306.99	506.92	5.61	0.21	5.61
29	1942.00	88.95	48.03	1607.05	426.49	329.94	537.75	3.26	2.87	1.55
30	1974.00	89.50	46.93	1607.48	448.11	353.52	569.60	3.84	1.72	-3.44
31	2006.00	89.54	46.92	1607.75	469.97	376.90	601.48	0.13	0.13	-0.03
32	2038.00	89.56	46.93	1608.00	491.82	400.27	633.36	0.07	0.06	0.03



Weatherford

Client : Maralex Resources, Inc.
Well : Brookhaven A#2R
Location : San Juan Co.NM
License :

Page: 2
Date : 5/26/2010
File : 4019486

UWI #:

Vertical Section Calculated Along Azimuth 41.95°
KB Elevation = 6729.00ft GR. Elevation = 6712.00ft

	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
33	2069.00	89.81	46.93	1608.17	512.99	422.92	664.24	0.81	0.81	0.00
34	2100.00	88.44	46.18	1608.64	534.31	445.42	695.13	5.04	-4.42	-2.42
35	2130.00	88.04	46.13	1609.56	555.08	467.05	725.04	1.34	-1.33	-0.17
36	2160.00	87.81	45.80	1610.65	575.92	488.60	754.95	1.34	-0.77	-1.10
37	2190.00	88.00	45.93	1611.75	596.79	510.12	784.86	0.77	0.63	0.43
38	2221.00	88.50	45.93	1612.69	618.34	532.38	815.77	1.61	1.61	0.00
39	2252.00	88.75	46.30	1613.44	639.83	554.72	846.68	1.44	0.81	1.19
40	2282.00	88.94	46.30	1614.04	660.55	576.40	876.58	0.63	0.63	0.00
41	2313.00	89.31	45.68	1614.52	682.09	598.69	907.50	2.33	1.19	-2.00
42	2344.00	89.25	45.80	1614.90	703.72	620.89	938.43	0.43	-0.19	0.39
43	2374.00	89.38	45.80	1615.26	724.63	642.40	968.36	0.43	0.43	0.00
44	2405.00	89.88	44.17	1615.46	746.56	664.31	999.32	5.50	1.61	-5.26
45	2435.00	90.20	43.66	1615.44	768.17	685.12	1029.30	2.01	1.07	-1.70
46	2466.00	89.56	43.30	1615.51	790.66	706.45	1060.29	2.37	-2.06	-1.16
47	2496.00	88.06	42.80	1616.13	812.58	726.93	1090.28	5.27	-5.00	-1.67
48	2527.00	87.06	43.05	1617.45	835.26	748.02	1121.24	3.32	-3.23	0.81
49	2557.00	86.04	42.76	1619.26	857.19	768.40	1151.18	3.53	-3.40	-0.97
EXT	2608.00	86.04	42.76	1622.78	894.55	802.95	1202.06	0.00	0.00	0.00

Bottom Hole Closure 1202.06ft Along Azimuth 41.91°