

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 28 2008

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM115411	
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Marbob Energy Corporation		7. Unit or CA Agreement Name and No	
3. Address PO Box 227 Artesia, NM 88211-0227		8. Lease Name and Well No. Really Scary Federal #1	
3a. Phone No. (include area code) 575-748-3303		9. AFI Well No. 30-015-35741	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 540 FSL 355 FEL, Unit P At top prod. interval reported below At total depth 340 FSL 2309 FEL, Unit O		10. Field and Pool, or Exploratory Willow Lake; Delaware, SW	
14. Date Spudded 11/27/2007		11. Sec., T., R., M., on Block and Survey or Area Sec. 33-T24S-R28E	
15. Date T.D. Reached 12/19/2007		12. County or Parish Eddy	
16. Date Completed 01/16/2008 ☐ D & A ☒ Ready to Prod.		13. State NM	
17. Elevations (DF, RKB, RT, GL)* 2998' GL			
18. Total Depth. MD 6550' TVD 4784'		19. Plug Back T.D.: MD 6540' TVD 4784'	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, DSN		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8"	36#	0	622'		500 sx		0	None
7 7/8"	5 1/2"	17#	0	6549'		1950 sx		600' TS	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	4341'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Delaware	5044'	6500'	5044' - 6500'		21	Open
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5044' - 6500'	Acid w/ 4000 gal NE Fe 15% HCl. Frac w/ 134784 gal fluid & 252169# sand.

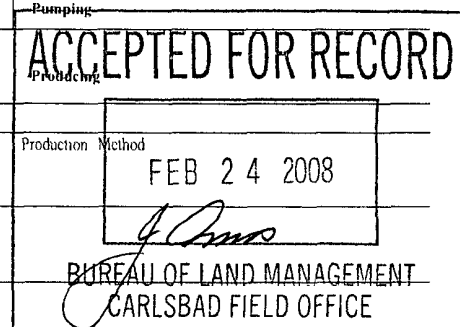
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/18/2008	01/25/2008	24	→	61	0	307			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Venting

30. Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

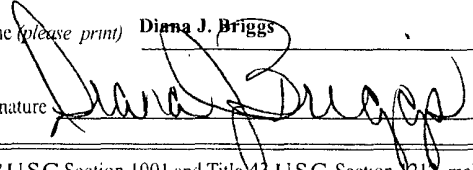
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				TOS BOS Bell Canyon Cherry Canyon	546' 2338' 2532' 3455'

32. Additional remarks (include plugging procedure):

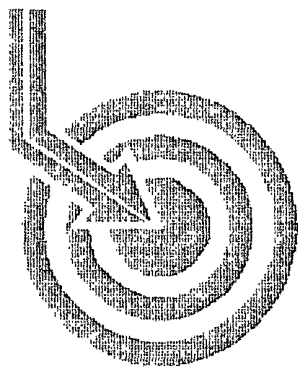
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☒ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Diana J. BriggsTitle Production AnalystSignature Date 02/19/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Scientific Drilling

MARBOB ENERGY

Field: Really Scary
Site: Eddy County, NM
Well: Really Scary #1
Wellpath: VH - Job #32K12071106
Survey: 12/06/07

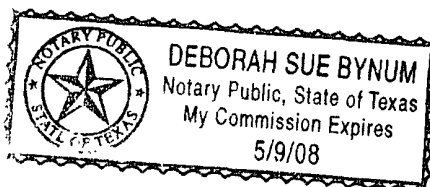
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....L. Wharton..... Company Representative

Notorized this date 28th of December, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MARBOB ENERGY	Date: 12/28/2007	Time: 12:36:02	Page: 1
Field: Really Scary	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Really Scary #1	Section (VS) Reference:	Well (0.00N,0.00E,121.99Azi)	
Wellpath: VH - Job #32K12071106	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 12/06/07	Start Date: 12/06/2007
KSRG 0'-5090'	
Company: Scientific Drilling Internatio	Engineer: Madrid w/GeoGyro
Tool: Keeper;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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.35	85.69	100.00	0.25	0.02	0.30	0.35	0.31	85.69
200.00	0.45	113.08	200.00	0.88	-0.11	0.97	0.21	0.98	96.35
300.00	1.04	133.01	299.99	2.16	-0.88	2.00	0.64	2.18	113.82
400.00	1.33	135.86	399.97	4.18	-2.33	3.47	0.30	4.18	123.94
500.00	1.53	110.81	499.94	6.61	-3.64	5.52	0.65	6.61	123.39
600.00	0.88	131.52	599.91	8.68	-4.62	7.35	0.77	8.68	122.18
700.00	0.92	137.53	699.90	10.21	-5.72	8.46	0.10	10.22	124.08
800.00	1.05	155.62	799.89	11.75	-7.15	9.38	0.34	11.80	127.31
900.00	1.11	169.53	899.87	13.16	-8.94	9.94	0.27	13.37	131.97
1000.00	1.10	164.88	999.85	14.52	-10.82	10.36	0.09	14.98	136.23
1100.00	1.19	186.86	1099.83	15.67	-12.78	10.49	0.45	16.53	140.61
1200.00	1.50	191.67	1199.80	16.56	-15.09	10.10	0.33	18.16	146.20
1300.00	1.43	191.76	1299.77	17.45	-17.59	9.58	0.07	20.03	151.42
1400.00	1.33	206.87	1399.74	17.98	-19.85	8.80	0.38	21.71	156.08
1500.00	1.13	217.30	1499.72	17.99	-21.67	7.68	0.30	22.99	160.48
1600.00	1.38	239.57	1599.70	17.35	-23.06	6.05	0.54	23.84	165.31
1700.00	1.30	238.30	1699.67	16.29	-24.27	4.04	0.09	24.60	170.54
1800.00	0.84	217.24	1799.65	15.72	-25.45	2.63	0.60	25.58	174.09
1900.00	0.70	160.08	1899.64	16.13	-26.61	2.40	0.75	26.71	174.85
2000.00	0.89	126.85	1999.63	17.38	-27.65	3.23	0.49	27.83	173.34
2100.00	1.25	114.62	2099.62	19.24	-28.57	4.84	0.42	28.97	170.38
2200.00	1.75	111.04	2199.58	21.82	-29.57	7.26	0.51	30.45	166.21
2300.00	2.05	108.44	2299.53	25.06	-30.68	10.38	0.31	32.39	161.31
2400.00	2.05	99.93	2399.46	28.45	-31.56	13.84	0.30	34.46	156.32
2500.00	1.71	95.33	2499.41	31.45	-32.00	17.09	0.37	36.28	151.90
2600.00	1.40	94.10	2599.37	33.86	-32.23	19.79	0.31	37.82	148.45
2700.00	1.40	93.99	2699.34	36.02	-32.40	22.23	0.00	39.29	145.55
2800.00	1.27	90.06	2799.32	38.04	-32.49	24.55	0.16	40.72	142.92
2900.00	1.17	88.09	2899.29	39.82	-32.46	26.68	0.11	42.02	140.58
3000.00	1.31	84.31	2999.27	41.58	-32.31	28.84	0.16	43.31	138.25
3100.00	0.95	81.48	3099.25	43.11	-32.07	30.80	0.36	44.46	136.16
3200.00	0.83	75.63	3199.24	44.24	-31.77	32.32	0.15	45.32	134.51
3300.00	0.82	80.95	3299.23	45.28	-31.48	33.73	0.08	46.13	133.02
3400.00	0.65	75.05	3399.22	46.21	-31.22	34.98	0.19	46.89	131.75
3500.00	0.60	75.35	3499.21	46.95	-30.94	36.04	0.05	47.50	130.65
3600.00	0.40	73.42	3599.21	47.54	-30.71	36.88	0.20	47.99	129.78
3700.00	0.35	69.54	3699.21	47.96	-30.50	37.50	0.06	48.34	129.12
3800.00	0.33	67.04	3799.21	48.31	-30.28	38.05	0.02	48.63	128.51
3900.00	0.28	61.72	3899.20	48.60	-30.05	38.53	0.06	48.86	127.95
4000.00	0.41	63.59	3999.20	48.91	-29.78	39.07	0.13	49.12	127.32
4100.00	0.27	43.49	4099.20	49.14	-29.45	39.55	0.18	49.31	126.67
4200.00	0.31	18.29	4199.20	49.13	-29.02	39.80	0.13	49.25	126.10
4300.00	0.38	346.54	4299.20	48.83	-28.44	39.80	0.20	48.92	125.55
4400.00	0.47	341.90	4399.20	48.27	-27.73	39.60	0.10	48.34	125.00
4500.00	0.58	347.43	4499.19	47.61	-26.85	39.36	0.12	47.64	124.30
4600.00	0.73	333.16	4599.18	46.70	-25.78	38.96	0.22	46.72	123.49
4700.00	0.69	318.53	4699.18	45.58	-24.76	38.28	0.19	45.59	122.90
4800.00	0.79	322.52	4799.17	44.36	-23.76	37.46	0.11	44.36	122.39



Scientific
Drilling

Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: Really Scary
Site: Eddy County, NM
Well: Really Scary #1
Wellpath: VH - Job #32K12071106

Date: 12/28/2007 Time: 12:36:02 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,121.99Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

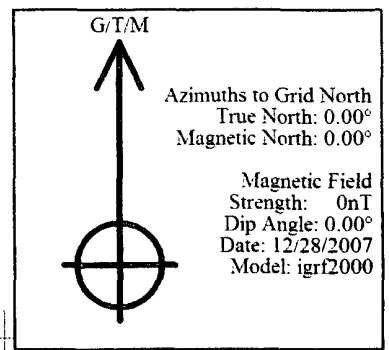
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.88	307.17	4899.16	42.95	-22.75	36.43	0.24	42.95	121.99
5000.00	0.84	303.73	4999.15	41.45	-21.88	35.21	0.07	41.45	121.86
5090.00	0.92	293.11	5089.14	40.08	-21.23	33.99	0.20	40.08	121.99

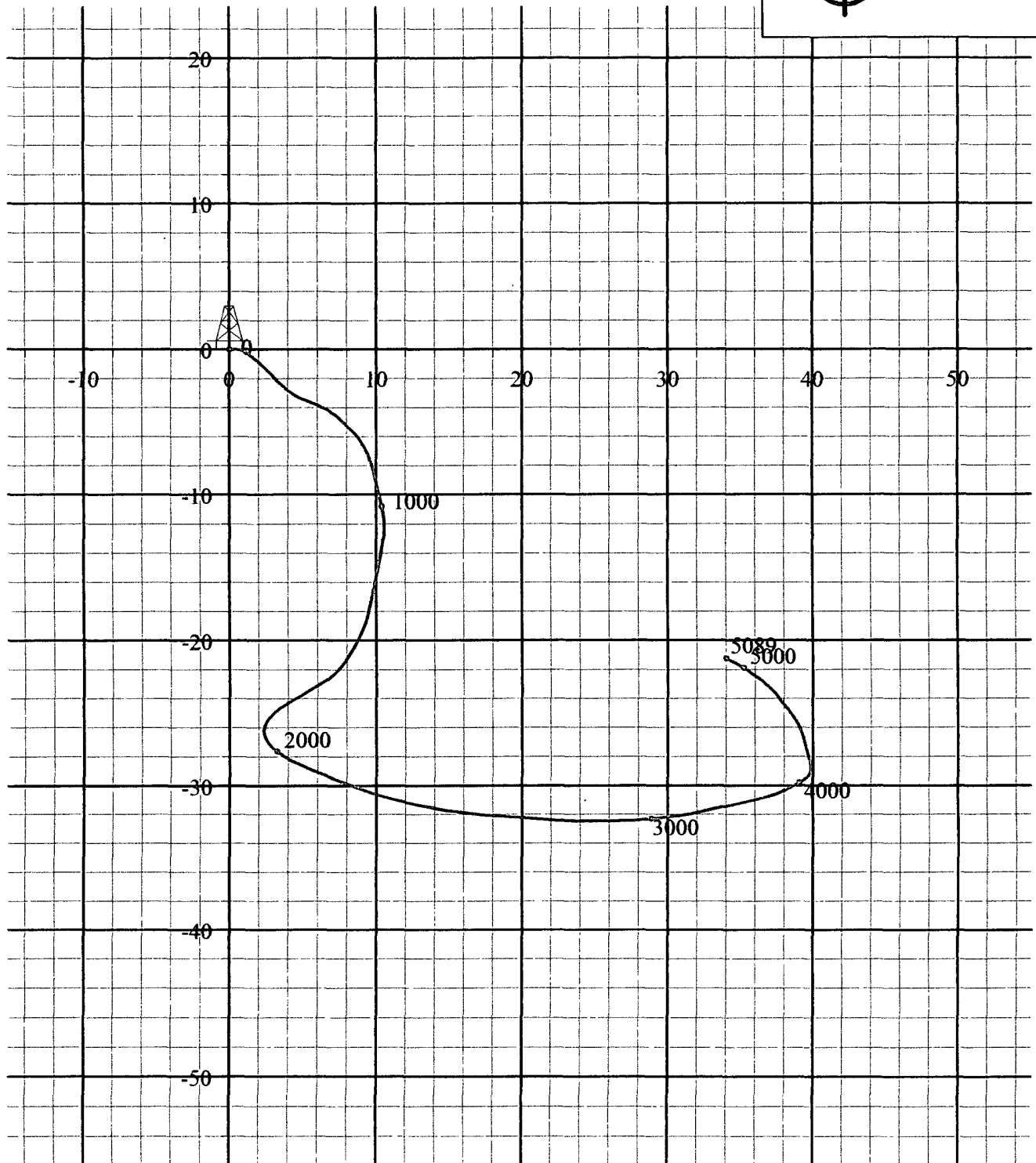


Scientific
Drilling

Field: Really Scary
Site: Eddy County, NM
Well: Really Scary #1
Wellpath: VH - Job #32K12071106
Survey: 12/06/07



South(-)/North(+) [10ft/in]



West(-)/East(+) [10ft/in]



DIRECTIONAL SURVEY REPORT

MARBOB ENERGY

REALLY SCARY FED #1

EDDY COUNTY, NEW MEXICO

PREPARED BY: CODY MEBANE

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) MIKE EVANS
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 12/11/07 TO 12/19/07
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: EDDY COUNTY, NM
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

MARBOB ENERGY CORPORATION.
REALLY SCARY FED #1
EDDY COUNTY, NM
RIG: PERMIAN #4
9. SURVEY CERTIFIED FROM: 4320 TO 6472 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 1964.02 FEET ON A BEARING OF 264.16 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 6550 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



Cody Mebane
M/LWD SERVICE COORDINATOR

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 12/10/2007
Date Completed: 12/19/2007

MARBOB ENERGY
REALLY SCARY FED #1
EDDY COUNTY, NM
Rig:PERMIAN #4
PathFinder Office Supervisor: CODY MEBANE
PathFinder Field Engineers:N. TVRDY
J. PATTERSON

Survey Horiz. Reference:WELLHEAD
Ref Coordinates: LAT:32.10.4.2996 N LON:104.5.4.1028 W
GRID Reference:NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 577004.6125 Y: 424877.7108
North Aligned To:GRID NORTH
Total Magnetic Correction: 8.09° EAST TO GRID
Vertical Section Plane: 264.16
Survey Vert. Reference: 10.00' Kelly Bushing To Ground
Altitude:2988.00' Ground To MSL

Measured Depth	6550.00	(feet)
Inclination	89.52	(deg)
Azimuth	264.11	(deg)
True Vertical Depth	4783.54	(feet)
Vertical Section	1964.02	(feet)
Survey X cord	575050.78	(feet)
Survey Y cord	424677.95	(feet)
Survey Lat	32.16732412 N	(deg)
Survey Lon	104.09078874 W	(deg)
Rectangular Corr. N/S	199.76 S	(feet)
Rectangular Corr. E/W	1953.84 W	(feet)
Closure Distance	1964.02	(feet)
Direction of Closure	264.16	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.**Survey Report**

MARBOB ENERGY
 REALLY SCARY FED #1
 EDDY COUNTY, NM
 Rig:PERMIAN #4
 PathFinder Office Supervisor: CODY MEBANE
 PathFinder Field Engineers: N. TVRDY
 J. PATTERSON

Survey Horiz. Reference:WELLHEAD
 Ref Coordinates: LAT:32.10.4.2996 N LON:104.5.4.1028 W
 Reference:NAD27 new mexico east Transverse Mercator
 Ref GRID Coord: X: 577004.6125 Y: 424877.7108
 North Aligned To:GRID NORTH
 Total Magnetic Correction: 8.09° EAST TO GRID
 Vertical Section Plane: 264.16
 Survey Vert. Reference: 10.00' Kelly Bushing To Ground
 Altitude:2988.00' Ground To MSL

Survey Calculations by RX5 V5.11E using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
TIE-IN PROVIDED BY SCIENTIFIC DRILLING @ 4300' MD.										
4300.00	0.38	346.41	4299.20	0.00	-36.78	28.35 S	39.87 E	48.92@	125.42	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
4320.00	3.25	265.61	4319.19	20.00	-36.20	28.33 S	39.29 E	48.44@	125.79	16.06
4352.00	8.09	265.06	4351.02	32.00	-33.04	28.59 S	36.14 E	46.08@	128.35	15.13
4383.00	12.93	264.43	4381.49	31.00	-27.39	29.12 S	30.51 E	42.18@	133.66	15.62
4415.00	17.94	264.46	4412.33	32.00	-18.88	29.94 S	22.04 E	37.18@	143.65	15.66
4447.00	22.51	262.95	4442.35	32.00	-7.82	31.17 S	11.05 E	33.07@	160.49	14.37
4478.00	27.44	263.22	4470.44	31.00	5.26	32.74 S	1.94 W	32.80@	183.40	15.91
4510.00	32.62	263.63	4498.14	32.00	21.27	34.57 S	17.85 W	38.91@	207.31	16.20
4542.00	37.02	261.31	4524.40	32.00	39.53	36.98 S	35.95 W	51.58@	224.19	14.36
4574.00	40.45	262.09	4549.36	32.00	59.53	39.87 S	55.76 W	68.55@	234.44	10.83
4606.00	43.96	263.78	4573.06	32.00	81.02	42.50 S	77.09 W	88.03@	241.13	11.53
4637.00	47.40	264.06	4594.72	31.00	103.19	44.85 S	99.14 W	108.82@	245.66	11.12
4669.00	50.47	264.44	4615.74	32.00	127.32	47.26 S	123.15 W	131.91@	249.00	9.63
4700.00	52.94	264.89	4634.94	31.00	151.64	49.52 S	147.37 W	155.47@	251.42	8.05
4732.00	54.61	265.36	4653.85	32.00	177.45	51.72 S	173.09 W	180.65@	253.36	5.35
4764.00	56.45	265.72	4671.97	32.00	203.83	53.77 S	199.39 W	206.51@	254.91	5.82
4796.00	59.09	265.65	4689.03	32.00	230.88	55.80 S	226.38 W	233.16@	256.15	8.25
4828.00	61.99	266.08	4704.77	32.00	258.73	57.81 S	254.17 W	260.66@	257.19	9.14
4859.00	64.98	265.82	4718.60	31.00	286.45	59.77 S	281.83 W	288.10@	258.03	9.67
4891.00	66.13	265.57	4731.85	32.00	315.57	61.96 S	310.88 W	317.00@	258.73	3.66
4923.00	67.44	266.02	4744.46	32.00	344.97	64.11 S	340.21 W	346.20@	259.33	4.29
4954.00	70.00	265.92	4755.71	31.00	373.84	66.14 S	369.02 W	374.91@	259.84	8.26
4986.00	73.34	265.74	4765.77	32.00	404.20	68.35 S	399.32 W	405.12@	260.29	10.45

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY
REALLY SCARY FED #1
EDDY COUNTY, NM
RIG:PERMIAN #4

Page 02/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
5018.00	76.33	265.82	4774.14	32.00	435.07	70.63 S	430.11 W	435.87@	260.68	9.35
5050.00	77.73	265.79	4781.32	32.00	466.24	72.91 S	461.21 W	466.94@	261.02	4.38
5081.00	80.11	266.16	4787.28	31.00	496.64	75.04 S	491.56 W	497.25@	261.32	7.77
5113.00	83.45	266.86	4791.86	32.00	528.28	76.97 S	523.17 W	528.80@	261.63	10.66
5145.00	86.26	266.30	4794.73	32.00	560.12	78.87 S	554.98 W	560.55@	261.91	8.95
5176.00	86.97	265.94	4796.56	31.00	591.05	80.96 S	585.85 W	591.42@	262.13	2.57
5208.00	88.64	265.75	4797.78	32.00	623.01	83.28 S	617.74 W	623.33@	262.32	5.25
5240.00	90.48	265.16	4798.03	32.00	655.00	85.82 S	649.64 W	655.28@	262.47	6.04
5272.00	91.01	264.93	4797.61	32.00	686.99	88.58 S	681.52 W	687.25@	262.59	1.81
5303.00	93.39	265.00	4796.42	31.00	717.97	91.30 S	712.37 W	718.20@	262.70	7.68
5335.00	93.74	265.41	4794.43	32.00	749.90	93.97 S	744.20 W	750.11@	262.80	1.68
5367.00	93.83	265.15	4792.32	32.00	781.82	96.60 S	776.02 W	782.01@	262.90	0.86
5398.00	93.65	264.88	4790.30	31.00	812.75	99.28 S	806.84 W	812.92@	262.98	1.04
5430.00	93.21	264.87	4788.38	32.00	844.69	102.14 S	838.65 W	844.85@	263.06	1.38
5462.00	92.68	265.16	4786.74	32.00	876.65	104.91 S	870.49 W	876.79@	263.13	1.89
5493.00	94.35	266.02	4784.84	31.00	907.58	107.29 S	901.34 W	907.70@	263.21	6.06
5525.00	94.53	265.58	4782.36	32.00	939.47	109.63 S	933.16 W	939.57@	263.30	1.48
5556.00	92.95	265.30	4780.34	31.00	970.39	112.09 S	963.99 W	970.49@	263.37	5.18
5588.00	92.24	265.13	4778.89	32.00	1002.36	114.76 S	995.85 W	1002.44@	263.43	2.28
5619.00	92.33	264.90	4777.65	31.00	1033.33	117.45 S	1026.71 W	1033.40@	263.47	0.80
5651.00	90.92	264.65	4776.75	32.00	1065.31	120.36 S	1058.56 W	1065.38@	263.51	4.47
5682.00	89.43	264.01	4776.65	31.00	1096.31	123.42 S	1089.41 W	1096.38@	263.54	5.23
5714.00	88.11	264.31	4777.34	32.00	1128.30	126.68 S	1121.23 W	1128.37@	263.55	4.23
5746.00	87.93	264.56	4778.44	32.00	1160.28	129.78 S	1153.06 W	1160.34@	263.58	0.96
5777.00	87.49	265.66	4779.68	31.00	1191.25	132.42 S	1183.92 W	1191.31@	263.62	3.82
5809.00	87.85	265.15	4780.98	32.00	1223.22	134.98 S	1215.79 W	1223.26@	263.66	1.95
5841.00	89.16	265.51	4781.82	32.00	1255.20	137.59 S	1247.68 W	1255.24@	263.71	4.25
5872.00	89.34	265.69	4782.22	31.00	1286.19	139.96 S	1278.58 W	1286.22@	263.75	0.82
5904.00	89.08	265.76	4782.67	32.00	1318.17	142.35 S	1310.49 W	1318.20@	263.80	0.84
5936.00	88.37	265.19	4783.38	32.00	1350.16	144.87 S	1342.38 W	1350.18@	263.84	2.84

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY
REALLY SCARY FED #1
EDDY COUNTY, NM
RIG:PERMIAN #4

Page 03/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
5968.00	88.81	265.17	4784.16	32.00	1382.14	147.56 S	1374.26 W	1382.16@	263.87	1.38
5999.00	88.55	265.04	4784.88	31.00	1413.13	150.21 S	1405.14 W	1413.14@	263.90	0.94
6031.00	88.72	264.83	4785.64	32.00	1445.12	153.03 S	1437.00 W	1445.13@	263.92	0.84
6063.00	90.13	265.21	4785.96	32.00	1477.11	155.81 S	1468.88 W	1477.12@	263.95	4.56
6095.00	90.48	265.12	4785.79	32.00	1509.11	158.50 S	1500.77 W	1509.11@	263.97	1.13
6126.00	89.78	265.25	4785.72	31.00	1540.10	161.11 S	1531.66 W	1540.11@	264.00	2.30
6158.00	89.43	264.89	4785.94	32.00	1572.10	163.86 S	1563.54 W	1572.10@	264.02	1.57
6190.00	90.48	265.06	4785.97	32.00	1604.09	166.66 S	1595.41 W	1604.10@	264.04	3.32
6222.00	91.63	265.61	4785.38	32.00	1636.08	169.26 S	1627.30 W	1636.08@	264.06	3.98
6253.00	91.28	265.63	4784.59	31.00	1667.06	171.63 S	1658.20 W	1667.06@	264.09	1.13
6285.00	90.92	265.30	4783.98	32.00	1699.04	174.16 S	1690.10 W	1699.05@	264.12	1.53
6316.00	90.66	264.81	4783.55	31.00	1730.04	176.83 S	1720.98 W	1730.04@	264.13	1.79
6348.00	90.66	265.10	4783.18	32.00	1762.03	179.64 S	1752.85 W	1762.03@	264.15	0.91
6380.00	90.66	264.72	4782.81	32.00	1794.03	182.48 S	1784.72 W	1794.03@	264.16	1.19
6412.00	89.96	264.42	4782.64	32.00	1826.03	185.51 S	1816.58 W	1826.03@	264.17	2.38
6443.00	89.78	263.78	4782.71	31.00	1857.03	188.70 S	1847.41 W	1857.03@	264.17	2.14
6472.00	89.52	264.11	4782.89	29.00	1886.02	191.76 S	1876.25 W	1886.02@	264.16	1.45
STRAIGHT LINE PROJECTION TO BIT @ 6550' MD.										
6550.00	89.52	264.11	4783.54	78.00	1964.02	199.76 S	1953.84 W	1964.02@	264.16	0.00

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

MARBOB ENERGY
REALLY SCARY FED #1
EDDY COUNTY, NEW MEXICO

Office

Tue Dec 04 17:00:43 2007

Coordinates

Latitude: 32.167861 N (32 deg. 10 min. 4.2985 sec.)
Longitude: 104.084473 W (-104 deg. 5 min. 4.1018 sec.)
Elevation: 2998.00 feet.
Calculation Date: Dec/04/2007

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.1392 degrees
Total Magnetic Field: 0.48902 gauss
Magnetic Declination: 8.222349 degrees
Horizontal Intensity: 0.243481 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.222349 Degr

Transverse Mercator Grid Calculations NAD27

Grid System: Transverse Mercator: new mexico east
Ellipsoid: Clarke 1866
X: 577004.7000 feet
Y: 424877.6000 feet
True to Grid: (convergence) -0.132494 degrees
Magnetic to Grid: 8.089854 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 8.089854 Degr.

S C I E N T I F I C D R I L L I N G C O N T R O L S

KEEPER GYRO SURVEY
Directional Survey Report
for

HARBOR ENERGY

Well Number	:	REALLY SCARY #1
Well Location	:	EDDY COUNTY, NEW MEXICO
Job Number	:	32K12071106
Location Latitude	:	32.168
Survey Date	:	6-DEC-2007
S.D.C. Personnel	:	ANGELO MADRID
Length Units	:	Feet
North Reference	:	TRUE North
Grid Correction	:	0.00 Degrees
Survey Depth Zero	:	RKB
Proposal Direction	:	
Calculation Method	:	Minimum Curvature

Remarks : The OUTPUT Survey will be called definitive

SCIENTIFIC DRILLING CONTROLS

Outcrop Survey
for
MARBOB ENERGY

Page 1

Well No.: REALLY SUGRY #1

Date : 6 DEC-2007

Job No. : 32F12071106

TRUE

Proposal : 0.00

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Arimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
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0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	0.02	0.35	85.69	0.02	0.30	0.35
200.00	200.00	-0.11	0.45	113.08	-0.11	0.97	0.21
300.00	299.99	-0.88	1.04	133.01	-0.88	2.00	0.64
400.00	399.97	-2.33	1.33	135.86	-2.33	3.47	0.30
500.00	499.94	-3.64	1.53	110.81	-3.64	5.52	0.65
600.00	599.91	-4.62	0.88	131.52	-4.62	7.35	0.77
700.00	699.90	-5.72	0.92	137.53	-5.72	8.46	0.10
800.00	799.89	-7.15	1.05	155.62	-7.15	9.38	0.34
900.00	899.87	-8.94	1.11	169.55	-8.94	9.94	0.27
1000.00	999.85	-10.82	1.10	164.88	-10.82	10.36	0.09
1100.00	1099.83	-12.78	1.19	186.86	-12.78	10.49	0.45
1200.00	1199.80	-15.09	1.50	191.67	-15.09	10.10	0.33
1300.00	1299.77	-17.59	1.43	191.76	-17.59	9.58	0.07
1400.00	1399.74	-19.85	1.33	206.87	-19.85	8.80	0.38
1500.00	1499.72	-21.67	1.13	217.30	-21.67	7.68	0.30
1600.00	1599.69	-23.06	1.38	239.57	-23.06	6.05	0.54
1700.00	1699.67	-24.27	1.30	238.30	-24.27	4.04	0.09
1800.00	1799.65	-25.45	0.84	217.24	-25.45	2.63	0.60
1900.00	1899.64	-26.61	0.70	160.08	-26.61	2.40	0.75
2000.00	1999.63	-27.65	0.89	126.85	-27.65	3.23	0.49
2100.00	2099.61	-28.57	1.25	114.67	-28.57	4.94	0.42
2200.00	2199.58	-29.57	1.75	111.04	-29.57	7.26	0.51
2300.00	2299.52	-30.68	2.05	108.44	-30.68	10.38	0.31
2400.00	2399.46	-31.56	2.05	99.93	-31.56	13.84	0.00
2500.00	2499.40	-32.00	1.71	95.33	-32.00	17.09	0.37
2600.00	2599.37	-32.73	1.40	94.10	-32.23	19.79	0.31
2700.00	2699.34	-32.40	1.40	93.99	-32.40	22.53	0.00
2800.00	2799.31	-32.49	1.27	90.06	-32.49	24.55	0.16
2900.00	2899.29	-32.45	1.17	88.09	-32.45	26.63	0.11
3000.00	2999.26	-32.31	1.31	84.31	-32.31	38.84	0.16
3100.00	3099.24	-32.07	0.95	81.48	-32.07	30.80	0.16
3200.00	3199.23	-31.77	0.83	75.63	-31.77	32.32	0.15
3300.00	3299.22	-31.48	0.82	80.75	-31.48	35.73	0.08
3400.00	3399.21	-31.22	0.65	75.05	-31.22	34.98	0.19
3500.00	3499.21	-30.94	0.60	75.35	-30.94	36.04	0.05
3600.00	3599.19	-30.71	0.40	73.43	-30.71	36.88	0.10
3700.00	3699.10	-30.50	0.35	69.54	-30.50	37.50	0.06
3800.00	3799.20	-30.28	0.33	67.04	-30.28	38.05	0.02
3900.00	3899.20	-30.05	0.28	61.72	-30.05	38.53	0.06

S C I E N T I F I C D R I L L I N G C O N T R O L S

Outcrop Survey
for
HARBOR ENERGY

Page 2

Well No.: REALLY SCARY #1

Date : 6-DEC-2007

Job No. : 32K13071106

TRUE

Proposal : 0.00

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-Log /100
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4000.00	3999.20	-29.78	0.41	63.59	-29.78	39.06	0.13
4100.00	4099.19	-29.45	0.27	43.49	-29.45	39.55	0.18
4200.00	4199.19	-29.02	0.31	18.29	-29.02	39.80	0.13
4300.00	4299.19	-28.44	0.38	346.54	-28.44	39.80	0.20
4400.00	4399.19	-27.73	0.47	341.90	-27.73	39.60	0.10
4500.00	4499.18	-26.84	0.58	347.43	-26.84	39.36	0.12
4600.00	4599.18	-25.78	0.73	333.16	-25.78	38.96	0.22
4700.00	4699.17	-24.76	0.69	318.53	-24.76	38.28	0.19
4800.00	4799.16	-23.77	0.79	322.52	-23.77	37.46	0.11
4900.00	4899.15	-22.75	0.88	307.17	-22.75	36.43	0.24
5000.00	4999.14	-21.88	0.84	303.73	-21.88	35.20	0.07
5090.00	5089.13	-21.23	0.92	293.11	-21.23	33.99	0.20

The Horizontal Displacement (in Feet) at
Measured Depth 5090.00 is 40.08 in a Direction of 121.99 Degrees