

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies 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 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003 WELL API NO. 30-015-36033 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well. OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF ☐ WELL OVER BACK RESVR ☐ OTHER _____			7 Lease Name or Unit Agreement Name Y Energy State Com		
2 Name of Operator Marbob Energy Corporation			8 Well No 1-H		
3 Address of Operator PO Box 227 Artesia, NM 88211-0227			9 Pool name or Wildcat <i>Santo Nino</i> ; Bone Spring		
4 Well Location Unit Letter <u>L</u> <u>2235</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>18S</u> Range <u>30E</u> NMPM <u>Eddy</u> County					
10 Date Spudded 2/1/08	11 Date T.D Reached 3/1/08	12. Date Compl (Ready to Prod) 3/26/08	13 Elevations (DF& RKB, RT, GR, etc.) 3400' GL		
15 Total Depth 9060'	16 Plug Back T D. 9020'	17. If Multiple Compl How Many Zones?	18 Intervals Drilled By	Rotary Tools 0 - 9060'	
19. Producing Interval(s), of this completion - Top, Bottom, Name 7508' - 9000' Bone Spring				20 Was Directional Survey Made Yes	
21 Type Electric and Other Logs Run DLL, DSN			22 Was Well Cored No		
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	399'	17 1/2"	450 sx	None
9 5/8"	36#	1518'	12 1/4"	650 sx	None
5 1/2"	17#	9053'	7 7/8"	1300 sx	None
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 7/8"	6810'				
26 Perforation record (interval, size, and number) 7508' - 9000' (35 shots)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 7508' - 9000' Acdz w/ 4000 gal NE Fe 15% HCl		
28. PRODUCTION					
Date First Production 3/28/08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping		Well Status (Prod or Shut-in) Producing	
Date of Test 3/29/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 78	Gas - MCF 0
Water - Bbl 393	Gas - Oil Ratio				
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
Oil Gravity - API - (Corr)					
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold					Test Witnessed By Jim Auld
30 List Attachments Logs, Deviation Survey, Directional Survey					
31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature <i>Diana J. Briggs</i> E-mail Address production@marbob.com		Printed Name Diana J. Briggs Title Production Analyst Date 4/21/08			

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 1267'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 1484'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2547'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3592'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand 3977'	T. Todilto	T.
T. Drinkard	T. Bone Springs 4846'	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

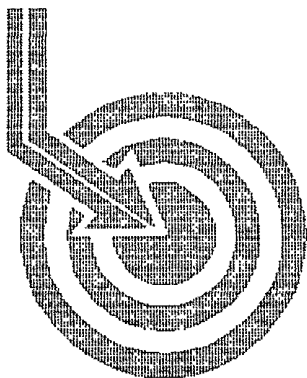
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.....
 No. 2, from to feet.....
 No. 3, from to feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology



Scientific Drilling

MARBOB ENERGY

Field: Turkey Track
Site: Eddy County, NM
Well: Y Energy State Com #1H
Wellpath: VH - Job #32K0208124
Survey: 02/20/08

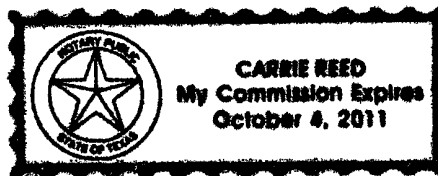
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Luha*.....Company Representative

Notorized this date 10th of March, 2007.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

Survey Report

Company: MARBOB ENERGY	Date: 03/09/2008	Time: 10:05:31	Page: 1
Field: Turkey Track	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Y Energy State Com #1H	Section (VS) Reference:	Well (0.00N,0.00E,3.77Azi)	
Wellpath: VH - Job #32K0208124	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 02/20/08	Start Date: 02/20/2008
Company: Scientific Drilling Internatio	Engineer: Melendez w/P&M
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	0.04	285.73	100.00	0.01	0.01	-0.03	0.04	0.03	285.73
200.00	0.35	91.27	200.00	0.03	0.01	0.24	0.39	0.24	87.07
300.00	0.88	122.69	299.99	-0.33	-0.41	1.19	0.61	1.26	108.99
400.00	0.54	131.83	399.99	-0.99	-1.14	2.19	0.36	2.46	117.50
500.00	0.28	156.65	499.98	-1.50	-1.68	2.63	0.31	3.12	122.48
600.00	0.41	134.58	599.98	-1.95	-2.15	2.99	0.18	3.68	125.79
700.00	0.24	113.48	699.98	-2.26	-2.49	3.43	0.20	4.24	125.92
800.00	0.12	29.32	799.98	-2.23	-2.48	3.68	0.26	4.43	124.00
900.00	0.32	113.81	899.98	-2.23	-2.50	3.98	0.33	4.70	122.12
1000.00	0.36	102.14	999.98	-2.37	-2.68	4.54	0.08	5.28	120.52
1100.00	0.62	96.59	1099.97	-2.45	-2.81	5.39	0.26	6.08	117.52
1200.00	1.21	81.79	1199.96	-2.25	-2.72	6.97	0.63	7.48	111.31
1300.00	1.00	67.09	1299.94	-1.64	-2.23	8.82	0.35	9.10	104.18
1400.00	0.72	36.77	1399.93	-0.72	-1.38	10.00	0.52	10.09	97.89
1500.00	0.68	4.71	1499.92	0.40	-0.29	10.42	0.39	10.43	91.60
1600.00	0.95	344.12	1599.91	1.77	1.10	10.25	0.39	10.31	83.88
1700.00	1.03	342.06	1699.90	3.39	2.75	9.74	0.09	10.12	74.24
1800.00	0.98	334.08	1799.88	4.96	4.37	9.09	0.15	10.09	64.31
1900.00	0.92	319.29	1899.87	6.28	5.75	8.19	0.25	10.01	54.93
2000.00	0.94	326.41	1999.86	7.50	7.04	7.22	0.12	10.09	45.70
2100.00	0.86	333.23	2099.84	8.80	8.40	6.43	0.13	10.57	37.42
2200.00	0.62	346.89	2199.84	9.97	9.59	5.96	0.30	11.30	31.87
2300.00	0.72	19.64	2299.83	11.09	10.71	6.05	0.39	12.31	29.47
2400.00	0.86	43.74	2399.82	12.27	11.85	6.78	0.36	13.65	29.79
2500.00	0.99	52.42	2499.81	13.41	12.92	7.99	0.19	15.19	31.73
2600.00	1.07	48.49	2599.79	14.65	14.06	9.37	0.11	16.90	33.68
2700.00	0.90	42.76	2699.78	15.92	15.26	10.60	0.20	18.58	34.80
2800.00	0.85	42.25	2799.76	17.11	16.38	11.63	0.05	20.09	35.38
2900.00	0.94	21.00	2899.75	18.48	17.70	12.43	0.34	21.63	35.08
3000.00	0.85	12.63	2999.74	19.99	19.19	12.88	0.16	23.11	33.88
3100.00	0.93	14.98	3099.73	21.52	20.69	13.26	0.09	24.58	32.64
3200.00	0.97	10.51	3199.71	23.16	22.31	13.62	0.08	26.14	31.40
3300.00	0.99	12.59	3299.70	24.85	23.99	13.96	0.04	27.75	30.20
3400.00	1.06	10.20	3399.68	26.63	25.74	14.31	0.08	29.45	29.08
3500.00	0.92	11.74	3499.67	28.34	27.44	14.64	0.14	31.10	28.09
3600.00	0.94	9.14	3599.66	29.95	29.03	14.94	0.05	32.65	27.22
3700.00	0.96	15.50	3699.64	31.59	30.65	15.29	0.11	34.25	26.51
3800.00	1.04	11.82	3799.63	33.31	32.34	15.70	0.10	35.95	25.89
3900.00	1.07	4.90	3899.61	35.14	34.16	15.97	0.13	37.71	25.05
4000.00	0.99	358.68	3999.59	36.93	35.96	16.02	0.14	39.37	24.02
4100.00	1.20	10.63	4099.58	38.83	37.85	16.20	0.31	41.17	23.17
4200.00	1.35	16.48	4199.55	41.02	40.01	16.73	0.20	43.36	22.69
4300.00	1.44	18.52	4299.52	43.39	42.33	17.46	0.10	45.79	22.41
4400.00	1.42	22.73	4399.49	45.77	44.66	18.34	0.11	48.28	22.32
4500.00	1.48	23.88	4499.46	48.16	46.99	19.34	0.07	50.81	22.37
4600.00	1.61	24.58	4599.42	50.68	49.45	20.44	0.13	53.51	22.46
4700.00	1.69	16.30	4699.38	53.44	52.14	21.44	0.25	56.37	22.36
4800.00	1.70	17.00	4799.34	56.32	54.97	22.29	0.02	59.32	22.07



Scientific Drilling International

Survey Report

Company: MARBOB ENERGY

Field: Turkey Track

Site: Eddy County, NM

Well: Y Energy State Com #1H

Wellpath: VH - Job #32K0208124

Date: 03/09/2008

Time: 10:05:31

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,3.77Azi)

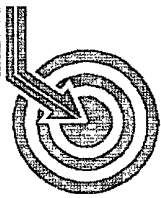
Survey Calculation Method:

Minimum Curvature

Db: Sybase

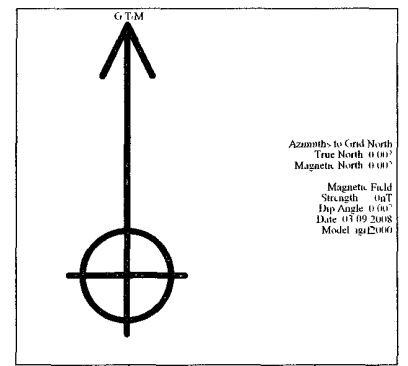
Survey

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	1.65	14.85	4899.29	59.18	57.78	23.09	0.08	62.23	21.78
5000.00	1.51	11.05	4999.26	61.90	60.47	23.71	0.17	64.95	21.41
5100.00	1.58	7.63	5099.22	64.58	63.13	24.15	0.12	67.59	20.94
5200.00	1.44	2.12	5199.19	67.21	65.75	24.38	0.20	70.12	20.35
5300.00	1.67	358.28	5299.15	69.92	68.46	24.38	0.25	72.67	19.60
5400.00	1.95	350.77	5399.10	73.02	71.60	24.07	0.37	75.53	18.58
5500.00	1.95	346.75	5499.04	76.31	74.93	23.40	0.14	78.50	17.34
5600.00	1.98	346.63	5598.98	79.59	78.27	22.61	0.03	81.47	16.12
5700.00	1.84	345.72	5698.93	82.76	81.50	21.82	0.14	84.37	14.99
5800.00	1.65	338.52	5798.88	85.59	84.40	20.89	0.29	86.95	13.91
5900.00	1.76	335.95	5898.84	88.25	87.14	19.74	0.13	89.35	12.76
6000.00	1.57	330.77	5998.79	90.76	89.74	18.45	0.24	91.62	11.62
6100.00	1.41	326.65	6098.76	92.89	91.96	17.10	0.19	93.54	10.53
6200.00	1.52	326.75	6198.73	94.93	94.10	15.70	0.11	95.40	9.47
6300.00	1.57	325.47	6298.69	97.06	96.34	14.19	0.06	97.38	8.38
6400.00	1.50	321.59	6398.65	99.11	98.49	12.60	0.13	99.30	7.29
6500.00	1.54	321.11	6498.62	101.07	100.56	10.95	0.04	101.16	6.21
6600.00	1.89	322.44	6598.57	103.29	102.92	9.10	0.35	103.32	5.05
6696.00	1.98	314.21	6694.52	105.56	105.33	6.95	0.30	105.56	3.77

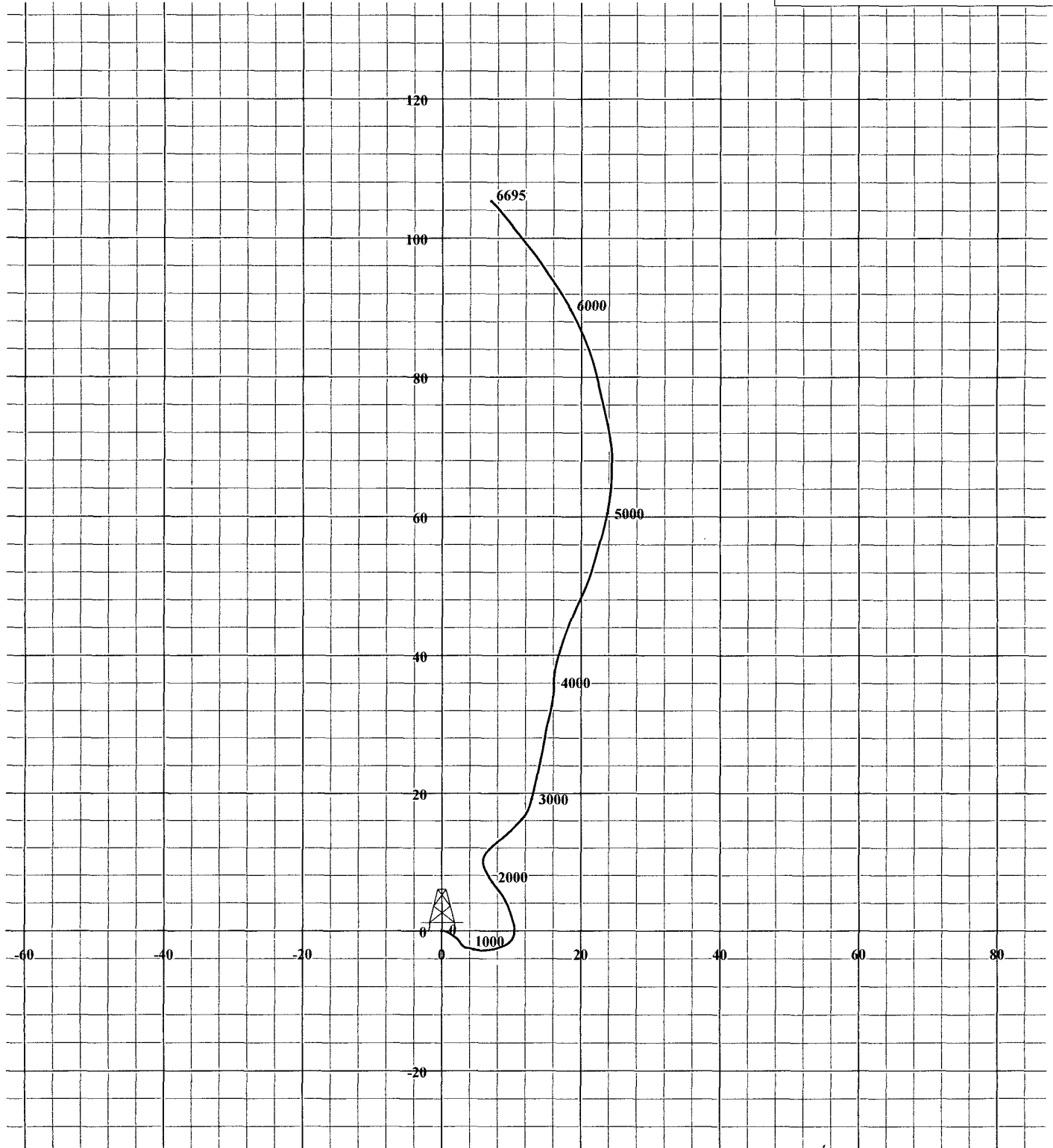


Scientific
Drilling

Field: Turkey Track
Site: Eddy County, NM
Well: Y Energy State Com #1H
Wellpath: VH - Job #32K0208124
Survey: 02/20/08



South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]



DIRECTIONAL SURVEY REPORT

MARBOB ENERGY

Y ENERGY ST COM #1H

EDDY COUNTY, NEW MEXICO

PREPARED BY: CODY MEBANE

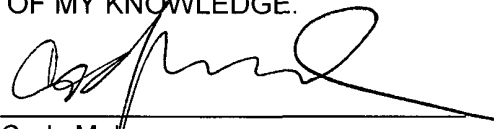
Pathfinder Energy Services, Inc.
6213 W. County Road 112 • Midland, TX • 79706
(432)681-6000

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) SAM DEMORY
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 2/20/08 TO 3/1/08
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.
Y ENERGY ST COM #1H
EDDY COUNTY, NM
RIG: PATRIOT #2
9. SURVEY CERTIFIED FROM: 6753 TO 9013 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 1896.59 FEET ON A BEARING OF 182.38 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 9060 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: 02/20/2008
Date Completed: 03/01/2008

MARBOB ENERGY CORPORATION
Y ENERGY ST COM #1H
EDDY COUNTY, NEW MEXICO
Rig: PATRIOT #2
PathFinder Office Supervisor: CODY MEBANE
PathFinder Field Engineers: S. DEMORY
W. TEETER
C. CARSON

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.39.24.2362 N LON: 103.56.41.8123 W
GRID Reference: NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 619531.8000 Y: 602849.0000
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.97° EAST TO GRID
Vertical Section Plane: 182.63
Survey Vert. Reference: 13.00' Kelly Bushing To Ground
Altitude: 3400.00' Ground To MSL

Measured Depth	9060.00	(feet)
Inclination	86.61	(deg)
Azimuth	178.47	(deg)
True Vertical Depth	7383.76	(feet)
Vertical Section	1896.57	(feet)
Survey X cord	619452.90	(feet)
Survey Y cord	600954.05	(feet)
Survey Lat	32.65152433 N	(deg)
Survey Lon	103.94522671 W	(deg)
Rectangular Corr. N/S	1894.95 S	(feet)
Rectangular Corr. E/W	78.90 W	(feet)
Closure Distance	1896.59	(feet)
Direction of Closure	182.38	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORPORATION

Y ENERGY ST COM #1H

EDDY COUNTY, NEW MEXICO

Rig: PATRIOT #2

PathFinder Office Supervisor: CODY MEBANE

PathFinder Field Engineers: S. DEMORY

W. TEETER

C. CARSON

R. MacCALLISTER

Survey Calculations by RX5 V5.11G using Minimum Curvature

Survey Horiz. Reference: WELLHEAD

Ref Coordinates: LAT: 32.39.24.2362 N LON: 103.56.41.8123 W

Reference: NAD27 new mexico east Transverse Mercator

Ref GRID Coord: X: 619531.8000 Y: 602849.0000

North Aligned To: GRID NORTH

Total Magnetic Correction: 7.97° EAST TO GRID

Vertical Section Plane: 182.63

Survey Vert. Reference: 13.00' Kelly Bushing To Ground

Altitude: 3400.00' Ground To MSL

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 INFORMATION PROVIDED BY GYRO.										
6696.00	1.98	314.03	6694.50	0.00	-105.59	105.40 N	6.60 E	105.61@	3.58	0.00
THE FOLLOWING ARE PATHFINDER SURVEYS.										
6753.00	2.11	313.74	6751.46	57.00	-106.93	106.81 N	5.13 E	106.93@	2.75	0.23
6785.00	1.23	274.80	6783.45	32.00	-107.33	107.25 N	4.37 E	107.33@	2.33	4.34
6817.00	4.13	199.13	6815.42	32.00	-106.24	106.19 N	3.65 E	106.25@	1.97	12.52
6848.00	9.58	187.79	6846.19	31.00	-102.60	102.57 N	2.93 E	102.61@	1.64	18.03
6880.00	14.95	187.35	6877.44	32.00	-95.83	95.84 N	2.04 E	95.86@	1.22	16.78
6912.00	19.35	185.95	6908.01	32.00	-86.42	86.46 N	0.96 E	86.47@	0.64	13.81
6944.00	21.90	182.34	6937.96	32.00	-75.15	75.23 N	0.17 E	75.23@	0.13	8.90
6976.00	24.62	180.41	6967.36	32.00	-62.52	62.60 N	0.12 W	62.60@	359.89	8.83
7007.00	28.31	180.23	6995.11	31.00	-48.72	48.78 N	0.20 W	48.78@	359.77	11.91
7039.00	32.71	181.55	7022.67	32.00	-32.49	32.54 N	0.46 W	32.55@	359.18	13.91
7071.00	35.70	182.69	7049.13	32.00	-14.50	14.57 N	1.14 W	14.61@	355.55	9.56
7103.00	39.22	183.57	7074.53	32.00	4.96	4.86 S	2.20 W	5.34@	204.39	11.13
7135.00	43.44	184.28	7098.55	32.00	26.08	25.94 S	3.66 W	26.19@	188.02	13.27
7166.00	46.60	184.98	7120.46	31.00	47.99	47.79 S	5.43 W	48.10@	186.48	10.32
7198.00	48.80	184.19	7142.00	32.00	71.64	71.38 S	7.32 W	71.76@	185.85	7.11
7230.00	53.20	183.57	7162.13	32.00	96.50	96.19 S	9.00 W	96.61@	185.34	13.83
7262.00	58.04	183.31	7180.20	32.00	122.90	122.54 S	10.58 W	123.00@	184.93	15.14
7293.00	60.41	183.22	7196.06	31.00	149.53	149.13 S	12.10 W	149.62@	184.64	7.65
7325.00	62.96	183.66	7211.23	32.00	177.69	177.25 S	13.79 W	177.78@	184.45	8.06
7357.00	66.21	184.54	7224.96	32.00	206.58	206.07 S	15.86 W	206.68@	184.40	10.46
7388.00	68.85	185.24	7236.81	31.00	235.21	234.61 S	18.30 W	235.33@	184.46	8.77

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORPORATION
Y ENERGY ST COM #1H
EDDY COUNTY, NEW MEXICO
RIG:PATRIOT #2

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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)
7420.00	72.72	186.47	7247.34	32.00	265.37	264.67 S	21.38 W	265.53@	184.62	12.63
7452.00	77.03	187.53	7255.69	32.00	296.16	295.32 S	25.15 W	296.39@	184.87	13.84
7484.00	82.13	187.44	7261.48	32.00	327.51	326.51 S	29.25 W	327.82@	185.12	15.94
7515.00	86.61	187.00	7264.52	31.00	358.25	357.11 S	33.13 W	358.64@	185.30	14.52
7547.00	87.93	187.18	7266.04	32.00	390.12	388.83 S	37.07 W	390.59@	185.45	4.16
7579.00	87.85	187.61	7267.22	32.00	421.99	420.54 S	41.19 W	422.55@	185.59	1.37
7611.00	86.17	187.00	7268.89	32.00	453.84	452.24 S	45.25 W	454.50@	185.71	5.58
7643.00	85.74	186.56	7271.14	32.00	485.67	483.93 S	49.02 W	486.41@	185.78	1.92
7674.00	85.47	186.21	7273.52	31.00	516.52	514.65 S	52.46 W	517.32@	185.82	1.42
7706.00	85.74	185.51	7275.97	32.00	548.37	546.39 S	55.71 W	549.22@	185.82	2.34
7738.00	85.38	184.54	7278.45	32.00	580.25	578.17 S	58.51 W	581.12@	185.78	3.23
7770.00	84.94	184.45	7281.15	32.00	612.12	609.96 S	61.01 W	613.00@	185.71	1.40
7801.00	84.06	183.48	7284.12	31.00	642.96	640.74 S	63.14 W	643.85@	185.63	4.21
7833.00	83.89	182.78	7287.48	32.00	674.79	672.52 S	64.88 W	675.64@	185.51	2.24
7865.00	83.98	182.08	7290.86	32.00	706.61	704.31 S	66.23 W	707.42@	185.37	2.19
7897.00	84.42	181.55	7294.09	32.00	738.44	736.13 S	67.24 W	739.19@	185.22	2.15
7929.00	84.24	181.29	7297.26	32.00	770.28	767.96 S	68.02 W	770.97@	185.06	0.98
7960.00	82.83	181.11	7300.75	31.00	801.07	798.76 S	68.67 W	801.70@	184.91	4.58
7992.00	82.57	181.29	7304.81	32.00	832.80	830.49 S	69.33 W	833.38@	184.77	0.98
8023.00	82.48	181.20	7308.85	31.00	863.53	861.22 S	70.00 W	864.06@	184.65	0.41
8055.00	82.39	181.02	7313.06	32.00	895.24	892.94 S	70.62 W	895.72@	184.52	0.63
8087.00	82.75	180.85	7317.20	32.00	926.95	924.66 S	71.13 W	927.40@	184.40	1.24
8119.00	83.71	181.02	7320.97	32.00	958.72	956.44 S	71.65 W	959.12@	184.28	3.05
8151.00	83.98	181.11	7324.40	32.00	990.52	988.25 S	72.24 W	990.88@	184.18	0.89
8182.00	84.68	181.02	7327.46	31.00	1021.36	1019.09 S	72.82 W	1021.69@	184.09	2.28
8214.00	85.56	181.37	7330.18	32.00	1053.23	1050.97 S	73.48 W	1053.53@	184.00	2.96
8246.00	85.82	181.55	7332.59	32.00	1085.13	1082.86 S	74.30 W	1085.41@	183.92	0.99

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORPORATION
Y ENERGY ST COM #1H
EDDY COUNTY, NEW MEXICO
RIG:PATRIOT #2

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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)
8278.00	86.35	181.55	7334.77	32.00	1117.05	1114.78 S	75.16 W	1117.31@	183.86	1.66
8309.00	87.05	181.46	7336.56	31.00	1148.00	1145.72 S	75.97 W	1148.23@	183.79	2.28
8341.00	86.88	180.85	7338.25	32.00	1179.94	1177.66 S	76.62 W	1180.15@	183.72	1.98
8373.00	87.05	181.20	7339.95	32.00	1211.88	1209.61 S	77.19 W	1212.07@	183.65	1.21
8405.00	87.32	180.58	7341.52	32.00	1243.83	1241.57 S	77.68 W	1244.00@	183.58	2.11
8436.00	86.09	180.41	7343.30	31.00	1274.75	1272.52 S	77.95 W	1274.90@	183.51	4.01
8468.00	84.94	180.06	7345.80	32.00	1306.63	1304.42 S	78.08 W	1306.75@	183.43	3.75
8500.00	84.68	179.88	7348.70	32.00	1338.46	1336.29 S	78.07 W	1338.57@	183.34	0.99
8532.00	84.50	179.35	7351.72	32.00	1370.28	1368.14 S	77.85 W	1370.36@	183.26	1.74
8564.00	83.80	180.14	7354.98	32.00	1402.07	1399.98 S	77.71 W	1402.13@	183.18	3.29
8595.00	84.24	180.50	7358.21	31.00	1432.87	1430.81 S	77.88 W	1432.93@	183.12	1.83
8627.00	84.42	180.50	7361.37	32.00	1464.70	1462.65 S	78.16 W	1464.74@	183.06	0.56
8659.00	85.38	181.29	7364.21	32.00	1496.55	1494.52 S	78.66 W	1496.59@	183.01	3.88
8691.00	86.35	180.94	7366.52	32.00	1528.46	1526.43 S	79.28 W	1528.49@	182.97	3.22
8722.00	86.70	181.55	7368.40	31.00	1559.39	1557.37 S	79.95 W	1559.42@	182.94	2.27
8754.00	86.97	180.50	7370.17	32.00	1591.33	1589.31 S	80.52 W	1591.35@	182.90	3.38
8786.00	87.14	180.32	7371.81	32.00	1623.27	1621.27 S	80.75 W	1623.28@	182.85	0.77
8818.00	87.58	180.94	7373.28	32.00	1655.21	1653.23 S	81.10 W	1655.22@	182.81	2.37
8850.00	88.02	180.23	7374.51	32.00	1687.17	1685.21 S	81.43 W	1687.17@	182.77	2.61
8881.00	88.90	180.06	7375.35	31.00	1718.13	1716.19 S	81.51 W	1718.13@	182.72	2.89
8913.00	88.20	179.70	7376.15	32.00	1750.08	1748.18 S	81.44 W	1750.08@	182.67	2.46
8945.00	87.76	180.06	7377.28	32.00	1782.02	1780.16 S	81.37 W	1782.02@	182.62	1.78
8977.00	86.61	178.74	7378.85	32.00	1813.93	1812.12 S	81.04 W	1813.93@	182.56	5.47
9008.00	86.61	178.47	7380.69	31.00	1844.80	1843.06 S	80.29 W	1844.81@	182.49	0.87
9013.00	86.61	178.47	7380.98	5.00	1849.78	1848.05 S	80.15 W	1849.79@	182.48	0.00
STRAIGHT LINE PROJECTION TO BIT.										
9060.00	86.61	178.47	7383.76	47.00	1896.57	1894.95 S	78.90 W	1896.59@	182.38	0.00

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

MARBOB ENERGY
Y ENERGY STATE COM # 1H
EDDY COUNTY, NEW MEXICO
Rig: PATRIOT 2

Mon Feb 18 14:37:00 2008

Coordinates

Latitude: 32.656732 N (32 deg. 39 min. 24.2362 sec.)
Longitude: 103.944948 W (-103 deg. 56 min. 41.8123 sec.)
Elevation: 3400.00 feet.
Calculation Date: Feb/18/2008

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.6165 degrees
Total Magnetic Field: 0.49192 gauss
Magnetic Declination: 8.175835 degrees
Horizontal Intensity: 0.241362 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.175835 Degr.

Transverse Mercator Grid Calculations NAD27

Grid System: Transverse Mercator: new mexico east
Ellipsoid: Clarke 1866
X: 619531.8000 feet
Y: 602849.0000 feet
True to Grid: (convergence) -0.209577 degrees
Magnetic to Grid: 7.966258 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 7.966258 Degr.