

Submit To Appropriate District Office Two 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			APR 24 2009 Form C-105 July 17, 2008					
		1. WELL API NO. 30-015-36644			2 Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN					
		3 State Oil & Gas Lease No								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4 Reason for filing ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13 K NMAC)				5 Lease Name or Unit Agreement Name MYOX 28 State Com						
7 Type of Completion ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER				6 Well Number 6H						
8. Name of Operator Marbob Energy Corporation				9 OGRID 14049						
10 Address of Operator P.O Box 227 Artesia, NM 88211-0227				11 Pool name or Wildcat Hay Hollow; Bone Spring, North Red Bluff; 50990						
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	28	25S	28E		430	South	1650	West	Eddy
Bbl:	O	28	25S	28E		474	South	1671	East	Eddy
13 Date Spudded 1/14/09	14 Date T D Reached 2/8/09	15 Date Rig Released 2/10/09		16 Date Completed (Ready to Produce) 3/5/09		17 Elevations (DF and RKB, RT, GR, etc) 2968' GR				
18 Total Measured Depth of Well 10190'		19 Plug Back Measured Depth 10139'		20 Was Directional Survey Made? Yes		21 Type Electric and Other Logs Run DSN, DII				
22. Producing Interval(s), of this completion - Top, Bottom, Name 8625-10125' Bone Spring										
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#		362'		17 1/2"		400 sx		0
9 5/8"		36#		2357'		12 1/4"		810 sx		0
5 1/2"		17#		10183'		7 7/8"		2225 sx (TOC@ 460')		0
24. LINER RECORD										
SIZE	TOP		BOTTOM		SACKS CEMENT		SCREEN		25. TUBING RECORD	
									SIZE DEPTH SET PACKER SET	
									2 7/8" 7969'	
26 Perforation record (interval, size, and number) 9525-10125' (24) 8625-9225' (24)						27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9525-10125'		Acdz w/3000 gal 7 1/2% NEFE; Frac w/294569# sand & 191106 gal fluid		
						8625-9225'		Acdz w/3000 gal 7 1/2% NEFE; Frac w/283617# sand & 191857 gal fluid		
28 PRODUCTION										
Date First Production 3/9/09		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod or Shut-in) Producing				
Date of Test 3/10/09	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 109	Gas - MCF 0	Water - Bbl 162	Gas - Oil Ratio N/A			
Flow Tubing Press 140#	Casing Pressure 100#	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						30 Test Witnessed By Mike Shannon				
31 List Attachments Logs, Deviation Report, Directional Survey										
32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33 If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude Longitude NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature:		Name: Stormi Davis		Title: Production Assistant		Date: 4/20/09				
E-mail Address: sdavis@marbob.com										

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

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 A"
T. Salt 488'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2212'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 2402'	T. Morrison	
T. Drinkard	T. Bone Spring 6131'	T. Todilto	
T. Abo	T. Morrow	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco-Canyon	T.	T. Permian	

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

OPERATOR: Marbob Energy Corp
WELL/LEASE: MYOX 28 State Com 64
COUNTY: Eddy Co., New Mexico
S28 - T25S - R28E

STATE OF NEW MEXICO
DEVIATION REPORT

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
200	3/4	3,971	1/2
485	1/4	4,448	1/4
943	1/2	4,955	1/4
1,420	1	5,463	1/2
1,865	3/4	5,939	1/2
2,183	3	6,443	3/4
2,362	2 1/2	6,924	2
2,445	1 1/2	7,051	2
2,731	1 1/2	7,147	2
2,921	1	7,306	1 3/4
3,271	3/4	7,497	1 3/4
3,621	1/2	7,815	1 1/2
		8,292	1 1/2

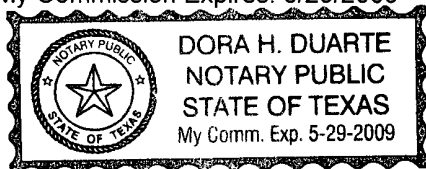
Patriot Drilling, LLC

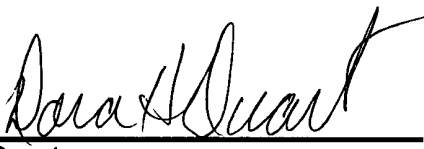


M. Leroy Peterson, Executive Vice-
President

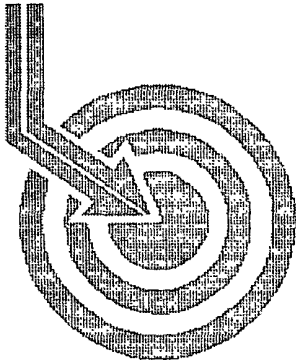
The foregoing instrument was acknowledged before me on this 16th day of February, 2009 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2009





Dora H. Duarte
Notary Public for Midland Co., Texas



Scientific Drilling

MARBOB ENERGY

Field: Hay Hollow
Site: Eddy County, NM
Well: Myox 28 State Com #6
Wellpath: VH - Job #32K0109045
Survey: 01/30/09

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

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

Notorized this date 20th of February, 2009.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: MARBOB ENERGY	Date: 01/30/2009	Time: 16:03:36	Page: 1
Field: Hay Hollow	Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North		
Site: Eddy County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Myox 28 State Com #6	Section (VS) Reference: Well (0.00N,0.00E,223.56Azi)		
Wellpath: VH - Job #32K0109045	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 01/30/09	Start Date: 01/30/2009
Company: Scientific Drilling Internatio	Engineer: Guebara 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	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.81	42.84	100.00	-0.71	0.52	0.48	0.81	0.71	42.84
200.00	1.05	79.25	199.98	-2.16	1.21	1.86	0.62	2.22	57.03
300.00	0.72	82.39	299.97	-3.39	1.46	3.38	0.33	3.69	66.64
400.00	0.11	275.93	399.97	-3.82	1.55	3.91	0.83	4.21	68.32
500.00	0.18	333.71	499.97	-3.82	1.71	3.75	0.15	4.12	65.52
600.00	0.03	170.65	599.97	-3.86	1.82	3.68	0.21	4.11	63.69
700.00	0.09	209.40	699.97	-3.76	1.73	3.65	0.07	4.03	64.67
800.00	0.37	233.34	799.97	-3.37	1.47	3.35	0.29	3.66	66.38
900.00	0.77	202.57	899.96	-2.42	0.65	2.83	0.49	2.91	77.04
1000.00	1.25	200.88	999.95	-0.79	-0.99	2.19	0.48	2.40	114.32
1100.00	1.61	206.97	1099.92	1.56	-3.26	1.16	0.39	3.46	160.41
1200.00	1.68	214.13	1199.88	4.35	-5.72	-0.30	0.22	5.73	183.00
1300.00	1.46	213.67	1299.84	7.06	-8.00	-1.83	0.22	8.20	192.88
1400.00	1.11	208.72	1399.81	9.25	-9.91	-3.00	0.37	10.35	196.85
1500.00	1.28	227.04	1499.79	11.30	-11.52	-4.28	0.42	12.29	200.40
1600.00	1.30	243.90	1599.77	13.48	-12.78	-6.12	0.38	14.17	205.59
1700.00	0.36	179.69	1699.76	14.77	-13.59	-7.14	1.19	15.35	207.70
1800.00	0.83	106.53	1799.75	14.66	-14.11	-6.44	0.80	15.51	204.53
1900.00	1.25	97.01	1899.73	13.69	-14.45	-4.66	0.45	15.18	197.88
2000.00	2.45	93.73	1999.68	11.67	-14.72	-1.45	1.20	14.79	185.61
2100.00	2.94	85.63	2099.57	8.39	-14.67	3.24	0.62	15.02	167.53
2200.00	3.42	87.39	2199.42	4.34	-14.34	8.78	0.49	16.81	148.52
2300.00	2.16	90.25	2299.30	0.89	-14.21	13.64	1.27	19.70	136.16
2400.00	1.72	97.68	2399.24	-1.28	-14.42	17.02	0.51	22.30	130.27
2500.00	1.74	94.87	2499.19	-3.11	-14.75	20.02	0.09	24.86	126.38
2600.00	1.56	95.85	2599.15	-4.89	-15.01	22.88	0.18	27.37	123.27
2700.00	1.42	90.23	2699.12	-6.57	-15.16	25.48	0.20	29.64	120.75
2800.00	1.31	94.80	2799.09	-8.14	-15.26	27.85	0.15	31.76	118.71
2900.00	1.14	86.92	2899.07	-9.57	-15.30	29.99	0.24	33.66	117.03
3000.00	0.86	78.82	2999.05	-10.91	-15.10	31.72	0.31	35.13	115.46
3100.00	0.64	93.22	3099.04	-11.89	-14.99	33.01	0.29	36.25	114.42
3200.00	0.68	84.33	3199.04	-12.70	-14.96	34.16	0.11	37.29	113.65
3300.00	0.26	82.64	3299.03	-13.32	-14.87	34.97	0.42	38.00	113.04
3400.00	0.27	111.26	3399.03	-13.59	-14.93	35.42	0.13	38.44	112.86
3500.00	0.25	64.56	3499.03	-13.88	-14.92	35.83	0.21	38.82	112.61
3600.00	0.15	35.78	3599.03	-14.21	-14.72	36.11	0.14	38.99	112.18
3700.00	0.08	111.05	3699.03	-14.37	-14.64	36.25	0.15	39.09	111.99
3800.00	0.27	70.62	3799.03	-14.61	-14.59	36.54	0.22	39.34	111.76
3900.00	0.07	149.26	3899.03	-14.80	-14.56	36.79	0.27	39.57	111.59
4000.00	0.07	297.52	3999.03	-14.77	-14.59	36.77	0.13	39.55	111.64
4100.00	0.10	48.85	4099.03	-14.84	-14.50	36.78	0.14	39.53	111.52
4200.00	0.07	102.74	4199.03	-14.95	-14.46	36.90	0.08	39.63	111.39
4300.00	0.10	219.56	4299.03	-14.90	-14.54	36.91	0.15	39.67	111.50
4400.00	0.13	241.72	4399.03	-14.70	-14.66	36.75	0.05	39.57	111.74
4500.00	0.20	242.00	4499.03	-14.43	-14.79	36.50	0.07	39.38	112.06
4600.00	0.14	281.32	4599.03	-14.20	-14.85	36.22	0.13	39.15	112.29
4700.00	0.01	301.21	4699.03	-14.13	-14.82	36.10	0.13	39.02	112.32
4800.00	0.13	185.52	4799.03	-14.04	-14.93	36.08	0.13	39.05	112.48



Scientific
Drilling

Scientific Drilling International Survey Report

Company: MARBOB ENERGY
Field: Hay Hollow
Site: Eddy County, NM
Well: Myox 28 State Com #6
Wellpath: VH - Job #32K0109045

Date: 01/30/2009 Time: 16:03:36 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,223.56Azi)
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	0.13	282.97	4899.03	-13.89	-15.02	35.96	0.20	38.97	112.67
5000.00	0.26	232.56	4999.03	-13.61	-15.13	35.67	0.20	38.74	112.99
5100.00	0.22	163.86	5099.03	-13.29	-15.45	35.54	0.27	38.75	113.50
5200.00	0.40	194.31	5199.02	-12.89	-15.98	35.51	0.24	38.94	114.22
5300.00	0.30	148.33	5299.02	-12.52	-16.54	35.56	0.29	39.22	114.94
5400.00	0.47	190.25	5399.02	-12.11	-17.16	35.62	0.32	39.54	115.72
5500.00	0.55	157.06	5499.02	-11.58	-18.01	35.74	0.30	40.02	116.74
5600.00	0.49	150.19	5599.01	-11.26	-18.82	36.14	0.09	40.74	117.51
5700.00	0.41	172.99	5699.01	-10.91	-19.55	36.39	0.19	41.31	118.24
5800.00	0.56	167.26	5799.01	-10.41	-20.38	36.54	0.16	41.84	119.15
5900.00	0.56	179.50	5899.00	-9.79	-21.35	36.66	0.12	42.42	120.21
6000.00	0.63	163.61	5999.00	-9.16	-22.36	36.82	0.18	43.07	121.27
6100.00	0.48	167.05	6098.99	-8.66	-23.30	37.06	0.15	43.78	122.15
6200.00	0.59	203.50	6198.99	-7.94	-24.18	36.95	0.35	44.16	123.20
6300.00	0.76	239.87	6298.98	-6.82	-24.98	36.17	0.45	43.96	124.63
6400.00	0.92	243.45	6398.97	-5.43	-25.67	34.88	0.17	43.31	126.35
6500.00	1.12	254.88	6498.95	-3.84	-26.29	33.22	0.28	42.36	128.35
6600.00	1.41	260.68	6598.93	-2.03	-26.74	31.06	0.32	40.99	130.72
6700.00	1.78	283.05	6698.89	-0.26	-26.59	28.34	0.72	38.86	133.18
6800.00	2.04	289.42	6798.84	1.26	-25.65	25.14	0.34	35.92	135.57
6900.00	2.22	291.03	6898.77	2.73	-24.36	21.66	0.19	32.60	138.36
7000.00	1.99	289.50	6998.70	4.18	-23.09	18.21	0.24	29.41	141.73
7100.00	1.93	282.02	7098.64	5.77	-22.16	14.93	0.26	26.72	146.03
7200.00	2.12	275.59	7198.58	7.79	-21.63	11.44	0.30	24.47	152.12
7300.00	1.96	275.69	7298.52	9.97	-21.28	7.90	0.16	22.70	159.63
7400.00	1.95	274.61	7398.46	12.09	-20.97	4.50	0.04	21.45	167.88
7500.00	1.59	265.91	7498.41	14.19	-20.93	1.42	0.45	20.98	176.11
7600.00	1.35	256.26	7598.38	16.20	-21.31	-1.11	0.34	21.34	182.97
7700.00	1.19	249.10	7698.35	18.13	-21.96	-3.22	0.23	22.20	188.34
7800.00	1.47	237.97	7798.32	20.31	-23.01	-5.28	0.38	23.61	192.92
7900.00	1.61	232.37	7898.29	22.94	-24.55	-7.48	0.21	25.66	196.94
8000.00	1.75	232.93	7998.25	25.84	-26.33	-9.81	0.14	28.10	200.43
8100.00	1.38	237.73	8098.21	28.51	-27.89	-12.04	0.39	30.38	203.36
8200.00	1.16	227.71	8198.18	30.69	-29.21	-13.81	0.31	32.32	205.30
8300.00	1.51	251.22	8298.16	32.87	-30.32	-15.81	0.64	34.19	207.54
8400.00	1.99	253.55	8398.11	35.54	-31.24	-18.72	0.49	36.42	210.94
8500.00	1.94	256.91	8498.05	38.45	-32.11	-22.03	0.13	38.94	214.46
8600.00	1.94	262.26	8597.99	41.19	-32.72	-25.36	0.18	41.40	217.78
8700.00	2.12	275.34	8697.93	43.65	-32.78	-28.88	0.50	43.69	221.38
8759.00	2.15	269.97	8756.89	45.09	-32.68	-31.07	0.34	45.09	223.56



DIRECTIONAL SURVEY REPORT

MARBOB ENERGY CORPORATION

MYOX 28 STATE COM #6

EDDY COUNTY, NEW MEXICO

PREPARED BY: MIKE EVANS

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) NICHOLAS TVRDY
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 02/01/09 TO 02/08/09
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: EDDY COUNTY
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

MARBOB ENERGY CORPORATION
MYOX 28 STATE COM #6
EDDY COUNTY, NM
RIG: PATRIOT 6
9. SURVEY CERTIFIED FROM: 7,938 TO 10,115 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 1,959.77 FEET ON A BEARING OF 88.70 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 10,190 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



MIKE EVANS
MWD ENGINEER

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 01/31/2009
Date Completed: 02/08/2009

MARBOB ENERGY CORP.
MYOX 28 STATE COM #6
EDDY COUNTY, NM
Rig: PATRIOT 6
PathFinder Office Supervisor: MIKE EVANS
PathFinder Field Engineers: N TVRDY

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.539.8095 N LON: 104.541.4452 W
GRID Reference: NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 573854.1000 Y: 398144.8000
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.96° EAST TO GRID
Vertical Section Plane: 89.46
Survey Vert. Reference: 16.00' Kelly Bushing To Ground
Altitude: 2968.00' Ground To MSL

Measured Depth	10190.00	(feet)
Inclination	92.77	(deg)
Azimuth	87.12	(deg)
True Vertical Depth	8437.78	(feet)
Vertical Section	1959.60	(feet)
Survey X cord	575813.37	(feet)
Survey Y cord	398189.13	(feet)
Survey Lat	32.09450131 N	(deg)
Survey Lon	104.08851880 W	(deg)
Rectangular Corr. N/S	44.33 N	(feet)
Rectangular Corr. E/W	1959.27 E	(feet)
Closure Distance	1959.77	(feet)
Direction of Closure	88.70	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORP.
MYOX 28 STATE COM #6
EDDY COUNTY, NM
Rig: PATRIOT 6
PathFinder Office Supervisor: MIKE EVANS
PathFinder Field Engineers: N TVRDY

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.5.39.8095 N LON: 104.5.41.4452 W
Reference: NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 573854.1000 Y: 398144.8000
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.96° EAST TO GRID
Vertical Section Plane: 89.46
Survey Vert. Reference: 16.00' Kelly Bushing To Ground
Altitude: 2968.00' Ground To MSL

Survey Calculations by PathCalc v1.99 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)
THE FOLLOWING ARE SCIENTIFIC GYRO SURVEYS.										
0.00	0.00	0.13	-0.02	0.00	-0.26	0.24 S	0.26 W	0.35@	227.25	0.00
100.00	0.81	42.84	99.98	100.00	0.23	0.28 N	0.22 E	0.36@	38.50	0.81
200.00	1.05	79.25	199.97	100.00	1.61	0.97 N	1.60 E	1.87@	58.85	0.62
300.00	0.72	82.39	299.96	100.00	3.14	1.22 N	3.13 E	3.36@	68.63	0.33
400.00	0.11	275.93	399.95	100.00	3.67	1.32 N	3.65 E	3.88@	70.19	0.83
500.00	0.18	333.71	499.95	100.00	3.50	1.47 N	3.49 E	3.78@	67.19	0.15
600.00	0.03	170.65	599.95	100.00	3.44	1.58 N	3.42 E	3.77@	65.20	0.21
700.00	0.09	209.40	699.95	100.00	3.40	1.49 N	3.39 E	3.70@	66.30	0.07
800.00	0.37	233.34	799.95	100.00	3.10	1.23 N	3.09 E	3.33@	68.36	0.29
900.00	0.77	202.57	899.95	100.00	2.58	0.41 N	2.57 E	2.61@	80.88	0.49
1000.00	1.25	200.88	999.93	100.00	1.92	1.23 S	1.93 E	2.28@	122.46	0.48
1100.00	1.61	206.97	1099.90	100.00	0.87	3.50 S	0.90 E	3.61@	165.54	0.39
1200.00	1.68	214.13	1199.86	100.00	-0.61	5.96 S	0.56 W	5.99@	185.34	0.22
1300.00	1.46	213.67	1299.82	100.00	-2.16	8.24 S	2.09 W	8.50@	194.21	0.22
1400.00	1.11	208.72	1399.80	100.00	-3.35	10.15 S	3.26 W	10.66@	197.80	0.37
1500.00	1.08	227.04	1499.78	100.00	-4.52	11.64 S	4.41 W	12.45@	200.77	0.35
1600.00	1.30	243.90	1599.76	100.00	-6.24	12.78 S	6.12 W	14.17@	205.60	0.41
1700.00	0.36	179.69	1699.75	100.00	-7.27	13.59 S	7.14 W	15.35@	207.71	1.19
1800.00	0.83	106.53	1799.74	100.00	-6.58	14.11 S	6.44 W	15.51@	204.54	0.80
1900.00	1.25	97.01	1899.73	100.00	-4.80	14.45 S	4.67 W	15.19@	197.89	0.45
2000.00	2.45	93.73	1999.67	100.00	-1.59	14.72 S	1.45 W	14.80@	185.62	1.20
2100.00	2.94	85.63	2099.56	100.00	3.10	14.67 S	3.24 E	15.02@	167.54	0.62
2200.00	3.42	87.39	2199.41	100.00	8.64	14.34 S	8.78 E	16.81@	148.53	0.49

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORP.
MYOX 28 STATE COM #6
EDDY COUNTY, NM
RIG:PATRIOT 6

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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)
2300.00	2.16	90.25	2299.29	100.00	13.51	14.21 S	13.64 E	19.70@	136.17	1.27
2400.00	1.72	97.68	2399.23	100.00	16.88	14.42 S	17.01 E	22.30@	130.28	0.51
2500.00	1.74	94.87	2499.18	100.00	19.87	14.75 S	20.01 E	24.86@	126.39	0.09
2600.00	1.56	95.85	2599.14	100.00	22.74	15.01 S	22.88 E	27.37@	123.27	0.18
2700.00	1.42	90.23	2699.11	100.00	25.33	15.16 S	25.47 E	29.64@	120.76	0.20
2800.00	1.31	94.80	2799.08	100.00	27.71	15.26 S	27.85 E	31.76@	118.72	0.15
2900.00	1.14	86.92	2899.06	100.00	29.84	15.30 S	29.98 E	33.66@	117.04	0.24
3000.00	0.86	78.82	2999.04	100.00	31.57	15.10 S	31.71 E	35.13@	115.46	0.31
3100.00	0.64	93.22	3099.03	100.00	32.86	14.99 S	33.01 E	36.25@	114.42	0.29
3200.00	0.68	84.33	3199.03	100.00	34.01	14.96 S	34.15 E	37.29@	113.65	0.11
3300.00	0.26	82.64	3299.02	100.00	34.83	14.87 S	34.97 E	38.00@	113.04	0.42
3400.00	0.27	111.26	3399.02	100.00	35.27	14.93 S	35.41 E	38.43@	112.86	0.13
3500.00	0.25	64.56	3499.02	100.00	35.69	14.92 S	35.83 E	38.81@	112.61	0.21
3600.00	0.15	35.78	3599.02	100.00	35.96	14.72 S	36.11 E	38.99@	112.18	0.14
3700.00	0.08	111.05	3699.02	100.00	36.11	14.64 S	36.25 E	39.09@	111.99	0.15
3800.00	0.27	70.62	3799.02	100.00	36.40	14.59 S	36.53 E	39.34@	111.77	0.22
3900.00	0.07	149.26	3899.02	100.00	36.65	14.56 S	36.79 E	39.56@	111.59	0.27
4000.00	0.07	297.52	3999.02	100.00	36.63	14.59 S	36.76 E	39.55@	111.64	0.13
4100.00	0.10	48.85	4099.02	100.00	36.64	14.50 S	36.78 E	39.53@	111.52	0.14
4200.00	0.07	102.74	4199.02	100.00	36.76	14.46 S	36.90 E	39.63@	111.39	0.08
4300.00	0.10	219.56	4299.02	100.00	36.77	14.54 S	36.91 E	39.67@	111.50	0.15
4400.00	0.13	241.72	4399.02	100.00	36.61	14.66 S	36.75 E	39.57@	111.74	0.05
4500.00	0.20	242.00	4499.02	100.00	36.36	14.79 S	36.50 E	39.38@	112.07	0.07
4600.00	0.14	281.32	4599.02	100.00	36.08	14.85 S	36.22 E	39.15@	112.29	0.13
4700.00	0.01	301.21	4699.02	100.00	35.95	14.82 S	36.09 E	39.02@	112.33	0.13
4800.00	0.13	185.52	4799.02	100.00	35.93	14.93 S	36.08 E	39.04@	112.48	0.13
4900.00	0.13	282.97	4899.02	100.00	35.81	15.02 S	35.96 E	38.97@	112.67	0.20

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORP.
MYOX 28 STATE COM #6
EDDY COUNTY, NM
RIG:PATRIOT 6

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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)
5000.00	0.26	232.56	4999.02	100.00	35.52	15.13 S	35.66 E	38.74@	112.99	0.20
5100.00	0.22	163.86	5099.02	100.00	35.39	15.45 S	35.54 E	38.75@	113.50	0.27
5200.00	0.40	194.31	5199.02	100.00	35.35	15.98 S	35.50 E	38.93@	114.23	0.24
5300.00	0.30	148.33	5299.01	100.00	35.40	16.54 S	35.56 E	39.21@	114.94	0.29
5400.00	0.47	190.25	5399.01	100.00	35.46	17.16 S	35.62 E	39.54@	115.73	0.32
5500.00	0.55	157.06	5499.01	100.00	35.56	18.01 S	35.73 E	40.02@	116.75	0.30
5600.00	0.49	150.19	5599.00	100.00	35.96	18.82 S	36.13 E	40.74@	117.52	0.09
5700.00	0.41	172.99	5699.00	100.00	36.20	19.55 S	36.39 E	41.31@	118.24	0.19
5800.00	0.56	167.26	5799.00	100.00	36.35	20.38 S	36.54 E	41.84@	119.15	0.16
5900.00	0.56	179.50	5898.99	100.00	36.45	21.35 S	36.65 E	42.42@	120.21	0.12
6000.00	0.63	163.61	5998.99	100.00	36.60	22.36 S	36.81 E	43.07@	121.28	0.18
6100.00	0.48	167.05	6098.98	100.00	36.84	23.30 S	37.06 E	43.78@	122.15	0.15
6200.00	0.59	203.50	6198.98	100.00	36.72	24.18 S	36.95 E	44.16@	123.20	0.35
6300.00	0.76	239.87	6298.97	100.00	35.93	24.98 S	36.17 E	43.96@	124.63	0.45
6400.00	0.92	243.45	6398.96	100.00	34.64	25.67 S	34.88 E	43.31@	126.36	0.17
6500.00	1.12	254.88	6498.95	100.00	32.97	26.29 S	33.22 E	42.36@	128.36	0.28
6600.00	1.41	260.68	6598.92	100.00	30.81	26.74 S	31.06 E	40.99@	130.73	0.32
6700.00	1.78	283.05	6698.88	100.00	28.08	26.59 S	28.33 E	38.86@	133.18	0.72
6800.00	2.04	289.42	6798.83	100.00	24.90	25.65 S	25.14 E	35.92@	135.57	0.34
6900.00	2.22	291.03	6898.76	100.00	21.43	24.36 S	21.66 E	32.60@	138.37	0.19
7000.00	1.99	289.50	6998.69	100.00	17.99	23.09 S	18.21 E	29.41@	141.73	0.24
7100.00	1.93	282.02	7098.63	100.00	14.72	22.16 S	14.93 E	26.72@	146.03	0.26
7200.00	2.12	275.59	7198.57	100.00	11.24	21.63 S	11.44 E	24.47@	152.12	0.30
7300.00	1.96	275.69	7298.51	100.00	7.70	21.28 S	7.90 E	22.69@	159.64	0.16
7400.00	1.95	274.61	7398.45	100.00	4.30	20.97 S	4.50 E	21.45@	167.89	0.04
7500.00	1.59	265.91	7498.40	100.00	1.22	20.93 S	1.42 E	20.98@	176.12	0.45
7600.00	1.35	256.26	7598.37	100.00	-1.31	21.31 S	1.11 W	21.34@	182.98	0.34

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORP.
MYOX 28 STATE COM #6
EDDY COUNTY, NM
RIG: PATRIOT 6

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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)
7700.00	1.19	249.10	7698.34	100.00	-3.43	21.96 S	3.22 W	22.20@	188.35	0.23
7800.00	1.47	237.97	7798.32	100.00	-5.50	23.01 S	5.28 W	23.61@	192.92	0.38
** TIED INTO SCIENTIFIC GYRO SURVEY @ 7900' MD.										
7900.00	1.61	232.37	7898.28	100.00	-7.71	24.55 S	7.48 W	25.66@	196.95	0.21
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
7938.00	1.32	121.46	7936.27	38.00	-7.77	25.10 S	7.53 W	26.21@	196.70	6.37
7970.00	3.96	80.51	7968.24	32.00	-6.36	25.11 S	6.12 W	25.85@	193.71	9.65
8002.00	7.56	80.38	8000.07	32.00	-3.19	24.58 S	2.96 W	24.76@	186.86	11.25
8033.00	11.17	81.18	8030.65	31.00	1.80	23.78 S	2.02 E	23.86@	175.14	11.65
8065.00	14.68	81.73	8061.84	32.00	8.88	22.72 S	9.10 E	24.47@	158.18	10.98
8097.00	18.20	83.26	8092.53	32.00	17.87	21.55 S	18.08 E	28.13@	140.01	11.08
8129.00	22.16	84.80	8122.56	32.00	28.86	20.42 S	29.05 E	35.51@	125.10	12.48
8161.00	26.20	85.98	8151.74	32.00	41.93	19.37 S	42.12 E	46.36@	114.70	12.71
8193.00	30.25	87.38	8179.93	32.00	57.04	18.51 S	57.22 E	60.14@	107.92	12.82
8224.00	33.85	88.66	8206.20	31.00	73.49	17.95 S	73.66 E	75.82@	103.70	11.82
8256.00	36.84	90.71	8232.30	32.00	91.99	17.86 S	92.17 E	93.88@	100.97	10.05
8288.00	40.10	91.96	8257.35	32.00	111.89	18.33 S	112.06 E	113.55@	99.29	10.47
8320.00	43.44	92.48	8281.22	32.00	133.18	19.16 S	133.36 E	134.73@	98.18	10.49
8352.00	46.25	92.55	8303.90	32.00	155.71	20.15 S	155.90 E	157.20@	97.37	8.78
8376.00	49.59	91.23	8319.98	24.00	173.50	20.73 S	173.70 E	174.94@	96.81	14.50
8408.00	52.85	90.32	8340.02	32.00	198.44	21.07 S	198.64 E	199.76@	96.05	10.43
8440.00	56.89	90.67	8358.43	32.00	224.60	21.29 S	224.81 E	225.82@	95.41	12.66
8472.00	61.38	90.95	8374.85	32.00	252.05	21.68 S	252.27 E	253.20@	94.91	14.05
8503.00	65.69	91.06	8388.66	31.00	279.79	22.17 S	280.01 E	280.88@	94.53	13.91
8535.00	70.17	90.83	8400.68	32.00	309.42	22.66 S	309.65 E	310.48@	94.19	14.02
8567.00	74.48	89.79	8410.39	32.00	339.90	22.82 S	340.13 E	340.90@	93.84	13.82
8599.00	79.05	87.74	8417.72	32.00	371.04	22.14 S	371.26 E	371.92@	93.41	15.58

PathFinder Energy Services, Inc.

Survey Report

MARBOB ENERGY CORP.
MYOX 28 STATE COM #6
EDDY COUNTY, NM
RIG: PATRIOT 6

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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)
8664.00	87.93	85.35	8425.08	65.00	435.47	18.24 S	435.66 E	436.04@	92.40	14.14
8696.00	87.76	85.28	8426.29	32.00	467.36	15.63 S	467.53 E	467.79@	91.92	0.57
8728.00	87.93	84.66	8427.49	32.00	499.24	12.83 S	499.38 E	499.55@	91.47	2.01
8759.00	89.60	84.85	8428.16	31.00	530.13	10.00 S	530.25 E	530.34@	91.08	5.42
8791.00	90.13	85.47	8428.23	32.00	562.04	7.30 S	562.13 E	562.18@	90.74	2.55
8886.00	88.20	86.19	8429.62	95.00	656.83	0.39 S	656.86 E	656.86@	90.03	2.17
8982.00	87.05	86.91	8433.59	96.00	752.62	5.38 N	752.61 E	752.62@	89.59	1.41
9076.00	85.82	86.72	8439.44	94.00	846.34	10.60 N	846.28 E	846.34@	89.28	1.32
9173.00	89.16	88.08	8443.69	97.00	943.17	14.99 N	943.07 E	943.19@	89.09	3.72
9268.00	89.34	89.11	8444.93	95.00	1038.15	17.32 N	1038.03 E	1038.17@	89.04	1.10
9362.00	88.29	88.77	8446.87	94.00	1132.12	19.06 N	1131.99 E	1132.15@	89.04	1.17
9458.00	88.55	88.77	8449.52	96.00	1228.08	21.12 N	1227.93 E	1228.12@	89.01	0.27
9553.00	90.48	89.05	8450.33	95.00	1323.07	22.92 N	1322.91 E	1323.11@	89.01	2.05
9649.00	90.04	88.59	8449.89	96.00	1419.06	24.90 N	1418.89 E	1419.11@	88.99	0.66
9744.00	89.43	88.04	8450.33	95.00	1514.04	27.69 N	1513.84 E	1514.10@	88.95	0.86
9839.00	90.40	88.00	8450.47	95.00	1609.01	30.98 N	1608.79 E	1609.08@	88.90	1.02
9935.00	91.98	88.48	8448.48	96.00	1704.96	33.92 N	1704.72 E	1705.05@	88.86	1.72
10030.00	92.15	87.93	8445.05	95.00	1799.88	36.90 N	1799.61 E	1799.99@	88.83	0.61
10115.00	92.77	87.12	8441.40	85.00	1884.75	40.56 N	1884.45 E	1884.89@	88.77	1.20
STRAIGHT LINE PROJECTION TO BIT @ 10190' MD.										
10190.00	92.77	87.12	8437.78	75.00	1959.60	44.33 N	1959.27 E	1959.77@	88.70	0.00

** The survey data at tie-in point was furnished by a recognized survey company and entered as submitted. Survey stations above the tie-in point represent recalculated data by PathFinder Energy Services, Inc. and may reflect minor changes due to rounding differences between survey programs. Only survey stations taken by qualified PathFinder personnel are subject to certification.

TIE-IN SURVEY INFORMATION SHEET

CLIENT INFORMATION

CLIENT:	MARBOB ENERGY CORP.		
LEASE / WELL No.:	MYOX 26 STATE COM	#6	
WELL LOCATION:	NEW MEXICO EAST		
COUNTY / STATE / COUNTRY:	EDDY	NM	USA
RIG:	PATRIOT 6		
API WELL No:	30-015-38644		
JOB No:	601001556 WT-WT		
P.O. / AFE No.			
DIRECTIONAL COMPANY:	PES		

WELL SITE INFORMATION

TOTAL MAGNETIC CORRECTION (TMC):			
On Wall Plat:	LWD Calculated: 7.95882	Agreed Upon: 7.96	
X = 573854.100000	Feet	Y = 398144.800000	Feet
SITE LATITUDE: 32.094392 N	SITE LONGITUDE: 104.094846 W		
GRID SYSTEM: TRUE ☐ UTM ☒ LAMBERT ☐	ZONE: NEW MEXICO EAST		
PROPOSED DRIFT DIRECTION:	88.51		
KELLY BUSHING ELEVATION:	16		
ALTITUDE: 2968	Feet	WATER DEPTH:	Feet

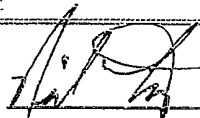
TIE-IN SURVEY

MEASURED DEPTH:	7900
DRIFT ANGLE:	1.61
DRIFT DIRECTION:	232.37
TRUE VERTICAL DEPTH:	7898.28
VERTICAL SECTION:	-7.71
RECTANGULAR COORDINATE (N / S):	-24.55
RECTANGULAR COORDINATE (E / W):	-7.48
CLOSURE DISTANCE / DIRECTION:	
SURVEY CALCULATION METHOD:	AA ☐ MC ☒ RC ☐ BT ☐
SOURCE OF TIE-IN DATA (COMPANY):	SCIENTIFIC DRILLING CONTROLS
COPY OF TIE-IN SURVEY REPORT	☒ YES ☐ NO

WELL PLAN

KICKOFF DEPTH:	7935	TOTAL DEPTH:	10335
KICKOFF ANGLE:	1.66	MAX ANGLE:	90

FES Engineers.



Directional Driller.



DATE: 1/31/09

KEEPER GYRO SURVEY
Directional Survey Report

Well Number	:	MYOX 28 STATE COM NO.6
Well Location	:	EDDY COUNTY, NEW MEXICO
Job Number	:	32K0109045
Location Latitude	:	32.095
Survey Date	:	30-JAN-2009
S.D.C. Personnel	:	ANGEL GUEBARA
Length Units	:	Feet
North Reference	:	GRID North
Grid Correction	:	0.13 Degrees
Survey Depth Zero	:	RKB
Proposal Direction	:	89.46
Calculation Method	:	Minimum Curvature

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°      SCIENTIFIC      DRILLING      CONTROLS      °
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Page 1

MARBOB GYRO.txt

MARBOB

Well No.: MYOX 28 STATE COM NO.6

Date : 30-JAN-2009

Job No. : 32K0109045

Proposal : 89.46

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	GRID Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00
100.00	100.00	0.48	0.81	42.84	0.52	0.48	0.81
200.00	199.98	1.87	1.05	79.25	1.21	1.86	0.62
300.00	299.97	3.40	0.72	82.39	1.46	3.38	0.33
400.00	399.97	3.93	0.11	275.93	1.55	3.91	0.83
500.00	499.97	3.76	0.18	333.71	1.71	3.75	0.15
600.00	599.97	3.70	0.03	170.65	1.82	3.68	0.21
700.00	699.97	3.66	0.09	209.40	1.73	3.65	0.07
800.00	799.97	3.36	0.37	233.34	1.47	3.35	0.29
900.00	899.96	2.84	0.77	202.57	0.65	2.83	0.49
1000.00	999.95	2.18	1.25	200.88	-0.99	2.19	0.48
1100.00	1099.91	1.13	1.61	206.97	-3.26	1.16	0.39
1200.00	1199.87	-0.35	1.68	214.13	-5.72	-0.30	0.22
1300.00	1299.84	-1.90	1.46	213.67	-8.00	-1.83	0.22
1400.00	1399.81	-3.09	1.11	208.72	-9.91	-3.00	0.37
1500.00	1499.79	-4.39	1.28	227.04	-11.52	-4.28	0.42
1600.00	1599.76	-6.24	1.30	243.90	-12.78	-6.12	0.38
1700.00	1699.75	-7.26	0.36	179.69	-13.59	-7.14	1.19
1800.00	1799.75	-6.57	0.83	106.53	-14.11	-6.44	0.80
1900.00	1899.73	-4.80	1.25	97.01	-14.45	-4.66	0.45
2000.00	1999.68	-1.59	2.45	93.73	-14.72	-1.45	1.20
2100.00	2099.57	3.10	2.94	85.63	-14.67	3.24	0.62
2200.00	2199.41	8.64	3.42	87.39	-14.34	8.78	0.49
2300.00	2299.29	13.51	2.16	90.25	-14.21	13.64	1.27
2400.00	2399.23	16.88	1.72	97.68	-14.42	17.02	0.51
2500.00	2499.19	19.88	1.74	94.87	-14.75	20.02	0.09
2600.00	2599.14	22.74	1.56	95.85	-15.01	22.88	0.18
2700.00	2699.11	25.33	1.42	90.23	-15.16	25.48	0.20
2800.00	2799.08	27.71	1.31	94.80	-15.26	27.85	0.15
2900.00	2899.06	29.84	1.14	86.92	-15.30	29.99	0.24
3000.00	2999.05	31.57	0.86	78.82	-15.10	31.71	0.31
3100.00	3099.04	32.87	0.64	93.22	-14.99	33.01	0.29
3200.00	3199.03	34.02	0.68	84.33	-14.96	34.16	0.11
3300.00	3299.03	34.83	0.26	82.64	-14.87	34.97	0.42
3400.00	3399.02	35.27	0.27	111.26	-14.93	35.42	0.13
3500.00	3499.02	35.69	0.25	64.56	-14.92	35.83	0.21
3600.00	3599.02	35.97	0.15	35.78	-14.72	36.11	0.14
3700.00	3699.02	36.11	0.08	111.05	-14.64	36.25	0.15
3800.00	3799.02	36.40	0.27	70.62	-14.59	36.54	0.22
3900.00	3899.02	36.65	0.07	149.26	-14.56	36.79	0.27
4000.00	3999.02	36.63	0.07	297.52	-14.59	36.77	0.13
4100.00	4099.02	36.64	0.10	48.85	-14.50	36.78	0.14
4200.00	4199.02	36.77	0.07	102.74	-14.46	36.90	0.08
4300.00	4299.02	36.77	0.10	219.56	-14.54	36.91	0.15
4400.00	4399.02	36.61	0.13	241.72	-14.66	36.75	0.05
4500.00	4499.02	36.36	0.20	242.00	-14.79	36.50	0.07
4600.00	4599.02	36.08	0.14	281.32	-14.85	36.23	0.13

MARBOB GYRO.txt							
4700.00	4699.02	35.96	0.01	301.21	-14.82	36.10	0.13
4800.00	4799.02	35.94	0.13	185.52	-14.93	36.08	0.13
4900.00	4899.02	35.81	0.13	282.97	-15.02	35.96	0.20
5000.00	4999.02	35.52	0.26	232.56	-15.13	35.67	0.20
5100.00	5099.02	35.39	0.22	163.86	-15.45	35.54	0.27
5200.00	5199.02	35.35	0.40	194.31	-15.98	35.51	0.24
5300.00	5299.01	35.40	0.30	148.33	-16.54	35.56	0.29
5400.00	5399.01	35.46	0.47	190.25	-17.16	35.62	0.32
5500.00	5499.01	35.57	0.55	157.06	-18.01	35.74	0.30
5600.00	5599.00	35.96	0.49	150.19	-18.82	36.14	0.09
5700.00	5699.00	36.21	0.41	172.99	-19.55	36.39	0.19
5800.00	5799.00	36.35	0.56	167.26	-20.38	36.54	0.16
5900.00	5898.99	36.45	0.56	179.50	-21.34	36.66	0.12
6000.00	5998.99	36.60	0.63	163.61	-22.36	36.82	0.18
6100.00	6098.98	36.84	0.48	167.05	-23.30	37.06	0.15
6200.00	6198.98	36.72	0.59	203.50	-24.18	36.95	0.35
6300.00	6298.97	35.94	0.76	239.87	-24.98	36.17	0.45
6400.00	6398.96	34.64	0.92	243.45	-25.67	34.88	0.17
6500.00	6498.94	32.97	1.12	254.88	-26.29	33.22	0.28
6600.00	6598.92	30.81	1.41	260.68	-26.74	31.06	0.32
6700.00	6698.88	28.08	1.78	283.05	-26.59	28.34	0.72
6800.00	6798.82	24.90	2.04	289.42	-25.65	25.14	0.34
6900.00	6898.76	21.43	2.22	291.03	-24.36	21.66	0.19
7000.00	6998.69	18.00	1.99	289.50	-23.09	18.21	0.24
7100.00	7098.63	14.72	1.93	282.02	-22.16	14.93	0.26
7200.00	7198.57	11.24	2.12	275.59	-21.62	11.44	0.30
7300.00	7298.50	7.70	1.96	275.69	-21.28	7.90	0.16
7400.00	7398.44	4.30	1.95	274.61	-20.97	4.50	0.04
7500.00	7498.40	1.23	1.59	265.91	-20.93	1.42	0.45
7600.00	7598.36	-1.31	1.35	256.26	-21.31	-1.11	0.34
7700.00	7698.34	-3.43	1.19	249.10	-21.96	-3.22	0.23
7800.00	7798.31	-5.49	1.47	237.97	-23.01	-5.28	0.38
7900.00	7898.28	-7.71	1.61	232.37	-24.55	-7.48	0.21
8000.00	7998.23	-10.06	1.75	232.93	-26.33	-9.81	0.14
8100.00	8098.19	-12.31	1.38	237.73	-27.89	-12.04	0.39
8200.00	8198.17	-14.09	1.16	227.71	-29.21	-13.81	0.31
8300.00	8298.14	-16.09	1.51	251.22	-30.32	-15.81	0.64
8400.00	8398.10	-19.01	1.99	253.55	-31.24	-18.72	0.49
8500.00	8498.04	-22.34	1.94	256.91	-32.11	-22.03	0.13
8600.00	8597.98	-25.67	1.94	262.26	-32.72	-25.36	0.18
8700.00	8697.92	-29.19	2.12	275.34	-32.78	-28.88	0.50
8759.00	8756.88	-31.38	2.15	269.97	-32.68	-31.07	0.34

The Horizontal Displacement (in Feet) at
Measured Depth 8759.00 is 45.09 in a Direction of 223.56 Degrees

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

EOG Resources
Myor 28 State Com #6
Eddy County, NM
Rig: Patriot 2

Tue Jan 27 09:03:01 2009

Coordinates

Latitude: 32.094392 N (32 deg. 5 min. 39.8095 sec.)
Longitude: 104.094846 W (-104 deg. 5 min. 41.4452 sec.)
Elevation: 2968.00 feet.
Calculation Date: Jan/26/2009

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.0456 degrees
Total Magnetic Field: 0.48747 gauss
Magnetic Declination: 8.085860 degrees
Horizontal Intensity: 0.243400 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.085860 Degs

Transverse Mercator Grid Calculations NAD27

Grid System: Transverse Mercator: new mexico east
Ellipsoid: Clarke 1866
X: 573854.1000 feet
Y: 398144.8000 feet
True to Grid: (convergence) -0.126713 degrees
Magnetic to Grid: 7.959148 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 7.959148 Degs.

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

MARBOE ENERGY CORP.
MYOX 28 STATE COM #6
HAY HOLLOW; BONE SPRING, NORTH.

*Field
Copy*

Sun Feb 01 08:18:59 2009

Coordinates

Latitude: 32.094392 N (32 deg. 5 min. 39.8095 sec.)
Longitude: 104.094846 W (-104 deg. 5 min. 41.4452 sec.)
Elevation: 2984.00 feet.
Calculation Date: Jan/27/2009

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.0456 degrees
Total Magnetic Field: 0.48747 gauss
Magnetic Declination: 8.085529 degrees
Horizontal Intensity: 0.243398 gauss

To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.085529 Degs

Transverse Mercator Grid Calculations NAD27

Grid System: Transverse Mercator: new mexico east
Ellipsoid: Clarke 1866
X: 573854.1000 feet
Y: 398144.8000 feet
True to Grid: (convergence) -0.126713 degrees
Magnetic to Grid: 7.958816 degrees

To Convert a Magnetic Dir. to a GRID dir. Add 7.958816 Degs.

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MARBOB ENERGY CORP PO Box 227 Artesia, NM 88211		2. OGRD Number 14049
		3. API Number 30-015-36644
4. Property Code 36118	5. Property Name MYOX 28 STATE COM	6. Well No. 006

7. Surface Location

UL - Lot	Section	Township	Range	Lot 1/4	Feet From	N/S Line	Feet From	E/W Line	County
N	28	25S	28E	N	430	S	1650	W	EDDY

8. Pool Information

HAY HOLLOW BONE SPRING, NORTH	30216
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 2968
14. Multiple N	15. Proposed Depth 10100	16. Formation Bone Spring	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
PE: Liner: Synthetic ☐ miles thick Clay ☐ PE Volume: bbls Drilling Method: Closed Loop System ☐ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	0
Int1	12.25	9.625	36	2400	550	0
Prod	7.875	5.5	17	10100	800	1900

Casing/Cement Program: Additional Comments

We propose to drill 17 1/2 inch hole to 350 ft with fresh water, run 48 lb H-40 13 3/8 inch csg and set at 350 ft with 350 sx cmt, circ to surface; drl 12 1/4 inch hole to 2400 ft with brine water, run 36 lb J-55 9 5/8 inch csg and set at 2400 ft with 550 sx cmt, circ to surface; drl 7 7/8 inch hole to 10100 ft with cut brine water, run 5 1/2 inch 17 lb N80 csg and set at 10100 ft with 800 sx cmt, 2400'.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCB guidelines ☐ a general permit ☐ or an (attached) alternative OCB-approved plan ☐ .	OIL CONSERVATION DIVISION	
	Approved By: Tim Gunn	
	Title: District Supervisor	
	Title: Production Analyst	Approved Date: 9/29/2008 Expiration Date: 9/29/2010
	Email Address: production@marbob.com	
Date: 9/23/2008	Phone: 505-748-3303	Conditions of Approval Attached

District II

1301 W. Grand Ave., Aztec, NM 87410
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36644	2. Pool Code 30216	3. Pool Name HAY HOLLOW BONE SPRING, NORTH
4. Property Code 36118	5. Property Name MYOX 28 STATE COM	6. Well No. 006
7. OGRID No. 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 2968

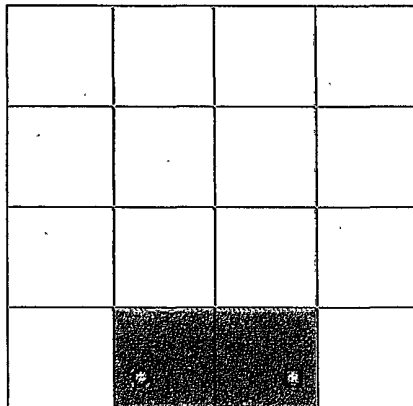
10. Surface Location

UL - Lot N	Section 28	Township 25S	Range 28E	Lot 1/4 N	Feet From 430	N/S Line S	Feet From 1650	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot O	Section 28	Township 25S	Range 28E	Lot 1/4 O	Feet From 430	N/S Line S	Feet From 1650	E/W Line E	County EDDY
12. Dedicated Acres 80.00		13. Joint or Well		14. Consolidation Code			15. Order No.		

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



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(s) 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.

E-Signed By: Diana Briggs

Title: Production Analyst

Date: 9/23/2008

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.

Surveyed By: Ronald Eidson

Date of Survey: 8/29/2008

Certificate Number: 3239

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico

Form C-102
Permit 82267

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36644	2. Pool Code 50996-30216	3. Pool Name <i>Red Bluff</i> HAY HOLLOW, BONE SPRING, NORTH
4. Property Code 36118	5. Property Name MYOX 28 STATE COM	6. Well No. 006
7. OGRID No 14049	8. Operator Name MARBOB ENERGY CORP	9. Elevation 2968

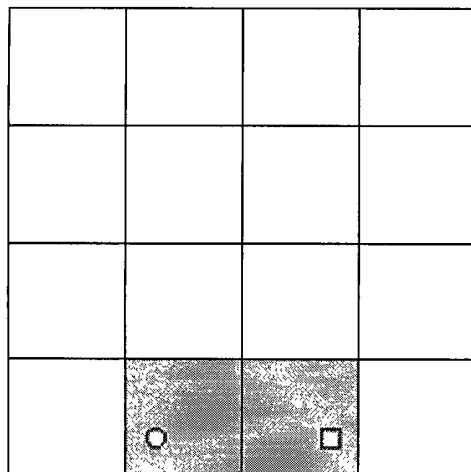
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	28	25S	28E	N	430	S	1650	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	28	25S	28E	O	430	S	1650	E	EDDY
12. Dedicated Acres 80.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

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



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(s) 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.

E-Signed By: Diana Briggs

Title: Production Analyst

Date: 9/23/2008

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.

Surveyed By: Ronald Eidson

Date of Survey: 8/29/2008

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