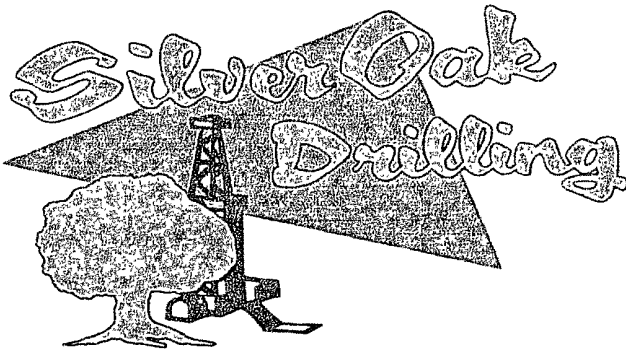




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

RECEIVED

JUL 24 2009

HOBBSOCD

April 7, 2009

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Peery Federal #7
2285' FSL & 330' FEL
Sec. 29, T15S, R30E
Chaves County, New Mexico

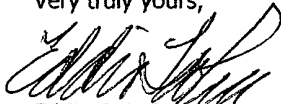
30-005-29075
Unit I

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

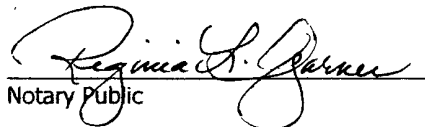
SUR: I-29-15s-30e, 2285/S & 330/E
BHL: J-29-15s-30e, 2200/S & 1460/E
API # 30-005-29075

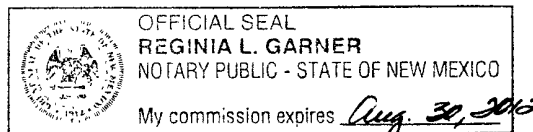
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 7th day of April, 2009.


Notary Public



Date	Depth	Dev	Dir	TVD
02/08/2009	229.00	1.00	0.00	0.00
02/08/2009	443.00	0.25	0.00	0.00
02/09/2009	642.00	0.30	0.00	0.00
02/09/2009	848.00	0.50	0.00	0.00
02/09/2009	1067.00	1.30	0.00	0.00
02/09/2009	1163.00	1.50	0.00	0.00
02/10/2009	1405.00	1.80	0.00	0.00
02/10/2009	1659.00	0.90	0.00	0.00
02/10/2009	1893.00	0.70	73.10	0.00
02/10/2009	2084.00	0.40	113.10	0.00
02/11/2009	2407.00	0.10	147.10	0.00
02/11/2009	2718.00	0.10	107.00	0.00
02/12/2009	3031.00	0.30	181.10	0.00
02/12/2009	3352.00	0.50	239.10	0.00
02/13/2009	3675.00	0.30	346.10	0.00
02/14/2009	4026.00	0.70	23.10	0.00
02/15/2009	4344.00	0.20	30.10	0.00
02/15/2009	4662.00	0.50	0.00	0.00
02/16/2009	4980.00	0.60	294.10	0.00
02/16/2009	5304.00	0.80	313.00	0.00
02/17/2009	5621.00	1.30	267.10	0.00
02/17/2009	5732.00	1.32	268.73	0.00
02/18/2009	5827.00	1.23	266.97	0.00
02/18/2009	5922.00	1.41	277.08	0.00
02/18/2009	6017.00	1.58	280.06	0.00
02/18/2009	6113.00	1.76	278.22	0.00
02/18/2009	6208.00	1.32	255.19	0.00
02/19/2009	6303.00	1.14	258.09	0.00
02/19/2009	6400.00	1.06	263.98	0.00
02/20/2009	6494.00	1.06	258.00	0.00
02/20/2009	6590.00	0.79	256.25	0.00
02/20/2009	6662.00	0.79	363.50	0.00
02/22/2009	6779.00	0.70	241.92	0.00
02/22/2009	6875.00	0.88	234.80	0.00
02/23/2009	6971.00	0.97	240.34	0.00
02/23/2009	7045.00	0.88	238.49	0.00
02/24/2009	7346.00	0.00	1.00	0.00
02/25/2009	7822.00	0.25	0.00	0.00
02/27/2009	8329.00	1.00	0.00	0.00
02/28/2009	8964.00	0.75	0.00	0.00
03/06/2009	8040.00	0.79	282.81	0.00
03/07/2009	8072.00	0.79	279.26	0.00
03/07/2009	8104.00	1.41	254.34	0.00
03/07/2009	8136.00	3.69	238.41	0.00
03/07/2009	8168.00	6.24	235.18	0.00
03/08/2009	8199.00	8.79	236.25	0.00
03/08/2009	8231.00	11.61	243.59	8229.28
03/08/2009	8263.00	14.07	250.87	8260.48
03/08/2009	8295.00	17.24	251.18	0.00
03/09/2009	8326.00	20.40	253.08	8320.63
03/10/2009	8356.00	23.21	254.21	8348.48
03/10/2009	8390.00	26.56	256.91	8379.32
03/10/2009	8422.00	29.19	258.10	8407.60
03/11/2009	8454.00	31.57	257.87	8453.21
03/11/2009	8486.00	35.35	257.52	8461.90
03/11/2009	8517.00	38.87	256.86	8486.62
03/11/2009	8549.00	42.65	257.30	8510.85
03/11/2009	8581.00	46.43	258.03	8533.65
03/11/2009	8613.00	50.21	258.76	8554.93
03/11/2009	8644.00	53.90	259.54	8573.99
03/12/2009	8676.00	57.68	260.35	8591.98
03/12/2009	8708.00	61.64	260.36	8608.14
03/12/2009	8740.00	65.33	259.50	8622.42
03/13/2009	8771.00	68.94	260.13	8634.14
03/13/2009	8803.00	73.07	260.14	8644.88
03/13/2009	8835.00	78.08	260.50	8652.85
03/13/2009	8846.00	80.20	261.08	8654.92
03/14/2009	8867.00	83.27	263.25	8658.03

Date	Depth	Dev	Dir	TVD
03/14/2009	8898.00	87.32	267.17	8660.57
03/14/2009	8930.00	88.37	268.11	8661.78
03/14/2009	8962.00	88.02	267.72	8662.79
03/16/2009	9012.00	87.03	270.17	0.00
03/16/2009	9044.00	87.14	270.31	8666.68
03/16/2009	9076.00	87.93	270.28	8668.10
03/16/2009	9108.00	88.38	270.27	8669.13
03/16/2009	9140.00	88.26	269.83	8670.00
03/16/2009	9171.00	88.21	269.92	8670.08
03/17/2009	9199.00	88.54	269.91	8671.77
03/20/2009	9213.00	88.90	270.64	8672.00
03/20/2009	9245.00	90.40	271.15	8672.00
03/21/2009	9277.00	94.62	270.59	8670.88
03/21/2009	9308.00	97.96	271.06	8667.48
03/21/2009	9340.00	100.68	269.97	8662.30
03/22/2009	9368.00	100.51	270.14	8657.15
03/22/2009	9400.00	99.89	269.92	5651.50
03/22/2009	9431.00	101.04	270.11	8645.90
03/22/2009	9463.00	101.47	271.17	8639.61
03/22/2009	9495.00	101.30	271.98	8633.00
03/22/2009	9506.00	100.51	271.81	8631.21
# EOF				



DIRECTIONAL SURVEY REPORT

MACK ENERGY CORPORATION

PEERY FEDERAL #7

CHAVES COUNTY, NM

PREPARED BY: PHIL LEBLANC

April 13, 2009

MACK ENERGY CORPORATION

Mr. Matt Brewer
11352 Lovington Hwy
Box 960
Artesia, NM 88211-1288

RE: MACK ENERGY CORPORATION
PEERY FEDERAL #7
CHAVES COUNTY, NM
RIG: SILVER OAK #2
API Well No.: 30-005-29075
PES Job No.: 101008316-WT-WT

Dear Mr. Brewer:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was run.

DIRECTIONAL SURVEY DATA

1 – Original Directional Survey Report

1 – Email PDF to:

charless@mackenergycorp.com

leel@mackenergycorp.com

donaldarcher@mackenergycorp.com

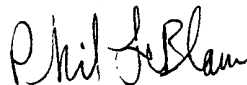
jimkrogman@mackenergycorp.com

mbrewer@mackenergycorp.com

kevingarrett@mackenergycorp.com

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (337) 233-3982.

Sincerely,



Phil LeBlanc
M/LWD Service Coordinator
PathFinder Energy Services

PL:ll

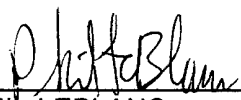
DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) CHRIS CARSON
B) BILLY RICHARD
C) DAVID SCOTT
3. POSITION OF SAID PERSON(S): (A-C) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 03/06/09 TO 03/22/09
5. STATE IN WHICH SURVEY WAS PERFORMED: CHAVES COUNTY
6. LOCATION OF WELL: NEW MEXICO
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

MACK ENERGY CORPORATION
PEERY FEDERAL #7
CHAVES COUNTY, NM
RIG: SILVER OAK #2
API Well No.: 30-005-29075

9. SURVEY(S) CERTIFIED FROM: 5,732 TO 9,563 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE
DISPLACED AT 1,133.54 FEET ON A BEARING OF 265.70 DEGREES FROM THE
CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 9,563 FEET, ARE
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



PHIL LEBLANC
M/LWD SERVICE COORDINATOR

PathFinder Energy Services, Inc.
BHL Report

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JUL 24 2009

HOBBSOCD

Page 01/01

Tie-in Date: 03/05/2009

Date Completed: 03/26/2009

Mack Energy Corporation

Peery Federal #7

Chaves COUNTY, New Mexico

Rig: Silver Oak 2

PathFinder Office Supervisor: Phil LeBlanc

PathFinder Field Engineers: Chris Carson

Billy Richard

David Scott

Survey Horiz. Reference: WELLHEAD

Ref Coordinates: LAT: 32.59.9.1027 N LON: 103.56.21.5514 W

GRID Reference: NAD27 new mexico east Transverse Mercator

Ref GRID Coord: X: 620817.6000 Y: 722595.3000

North Aligned To: GRID NORTH

Total Magnetic Correction: 7.86° EAST TO GRID

Vertical Section Plane: 269.90

Survey Vert. Reference: 19.00' Kelly Bushing To Ground

Altitude: 3974.00' Ground To MSL

Measured Depth	9563.00	(feet)
Inclination	101.30	(deg)
Azimuth	271.98	(deg)
True Vertical Depth	8619.97	(feet)
Vertical Section	1130.51	(feet)
Survey X cord	619687.24	(feet)
Survey Y cord	722510.39	(feet)
Survey Lat	32.98564007 N	(deg)
Survey Lon	103.94300714 W	(deg)
Rectangular Corr. N/S	84.91 S	(feet)
Rectangular Corr. E/W	1130.36 W	(feet)
Closure Distance	1133.54	(feet)
Direction of Closure	265.70	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

Page 01/03
Tie-in Date: 03/05/2009
Date Completed: 03/26/2009

Mack Energy Corporation
Peery Federal #7
Chaves COUNTY, New Mexico
Rig: Silver Oak 2
PathFinder Office Supervisor: Phil LeBlanc
PathFinder Field Engineers: Chris Carson
Billy Richard
David Scott

Survey Horiz. Reference: WELLHEAD
Ref Coordinates: LAT: 32.59.9.1027 N LON: 103.56.21.5514 W
Reference: NAD27 new mexico east Transverse Mercator
Ref GRID Coord: X: 620817.6000 Y: 722595.3000
North Aligned To: GRID NORTH
Total Magnetic Correction: 7.86° EAST TO GRID
Vertical Section Plane: 269.90
Survey Vert. Reference: 19.00' Kelly Bushing To Ground
Altitude: 3974.00' Ground To MSL

Survey Calculations by RX5 V6.01 using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
THE FOLLOWING IS A TELEDRIFT SURVEY.												
5621.00	1.30	267.00	5620.59	0.00	-17.15	9.17 N	17.14 E	32.98588690 N	103.93926383 W	19.44@	61.84	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.												
5732.00	1.32	268.73	5731.56	111.00	-14.62	9.08 N	14.60 E	32.98588667 N	103.93927210 W	17.20@	58.13	0.04
5827.00	1.23	266.97	5826.54	95.00	-12.51	9.00 N	12.49 E	32.98588647 N	103.93927899 W	15.40@	54.22	0.10
5922.00	1.41	277.09	5921.51	95.00	-10.33	9.09 N	10.31 E	32.98588675 N	103.93928609 W	13.75@	48.60	0.31
6017.00	1.58	280.06	6016.48	95.00	-7.88	9.46 N	7.86 E	32.98588780 N	103.93929407 W	12.30@	39.72	0.20
6113.00	1.76	278.22	6112.44	96.00	-5.12	9.91 N	5.10 E	32.98588904 N	103.93930307 W	11.14@	27.24	0.20
6208.00	1.32	255.19	6207.40	95.00	-2.62	9.84 N	2.60 E	32.98588887 N	103.93931123 W	10.17@	14.80	0.79
6303.00	1.14	258.09	6302.38	95.00	-0.63	9.36 N	0.62 E	32.98588759 N	103.93931771 W	9.38@	3.77	0.20
6400.00	1.06	263.98	6399.36	97.00	1.20	9.07 N	1.22 W	32.98588680 N	103.93932370 W	9.15@	352.34	0.14
6494.00	1.06	258.00	6493.35	94.00	2.92	8.80 N	2.93 W	32.98588607 N	103.93932929 W	9.27@	341.55	0.12
6590.00	0.79	256.25	6589.33	96.00	4.43	8.45 N	4.45 W	32.98588514 N	103.93933423 W	9.55@	332.26	0.28
6662.00	0.79	263.45	6661.33	72.00	5.41	8.28 N	5.42 W	32.98588467 N	103.93933741 W	9.90@	326.78	0.14
6779.00	0.70	241.92	6778.32	117.00	6.84	7.85 N	6.85 W	32.98588351 N	103.93934209 W	10.42@	318.88	0.25
6875.00	0.88	234.80	6874.31	96.00	7.96	7.15 N	7.97 W	32.98588160 N	103.93934575 W	10.71@	311.88	0.21
6971.00	0.97	240.34	6970.30	96.00	9.27	6.32 N	9.28 W	32.98587934 N	103.93935002 W	11.23@	304.26	0.13
7045.00	0.88	238.49	7044.29	74.00	10.30	5.72 N	10.31 W	32.98587768 N	103.93935339 W	11.79@	299.00	0.13
** TIED INTO PATHFINDER MWD SURVEYS AT 7103' MD.												
7103.00	0.88	238.49	7102.28	58.00	11.06	5.25 N	11.07 W	32.98587641 N	103.93935587 W	12.25@	295.37	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.												
7342.00	0.53	270.30	7341.26	239.00	13.73	4.30 N	13.74 W	32.98587381 N	103.93936459 W	14.40@	287.36	0.21
7755.00	0.62	283.24	7754.24	413.00	17.82	4.82 N	17.83 W	32.98587529 N	103.93937790 W	18.47@	285.13	0.04
8040.00	0.79	282.81	8039.22	285.00	21.23	5.61 N	21.24 W	32.98587749 N	103.93938904 W	21.97@	284.79	0.06

PathFinder Energy Services, Inc.

Survey Report

Mack Energy Corporation
Peery Federal #7
Chaves COUNTY, New Mexico
RIG: Silver Oak 2

Page 02/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
8072.00	0.79	279.26	8071.22	32.00	21.67	5.69 N	21.67 W	32.98587773 N	103.93939045 W	22.41@	284.71	0.15
8104.00	1.41	254.34	8103.21	32.00	22.26	5.62 N	22.27 W	32.98587754 N	103.93939239 W	22.97@	284.16	2.40
8136.00	3.69	238.41	8135.18	32.00	23.52	4.97 N	23.53 W	32.98587578 N	103.93939650 W	24.05@	281.94	7.39
8168.00	6.24	235.18	8167.06	32.00	25.83	3.44 N	25.83 W	32.98587159 N	103.93940404 W	26.06@	277.59	8.01
8199.00	8.79	236.25	8197.79	31.00	29.18	1.16 N	29.19 W	32.98586536 N	103.93941500 W	29.21@	272.28	8.24
8231.00	11.61	243.59	8229.28	32.00	34.11	1.63 S	34.10 W	32.98585774 N	103.93943107 W	34.14@	267.27	9.69
8263.00	14.07	250.87	8260.48	32.00	40.67	4.33 S	40.66 W	32.98585037 N	103.93945250 W	40.90@	263.92	9.19
8295.00	17.24	251.18	8291.29	32.00	48.84	7.14 S	48.83 W	32.98584274 N	103.93947916 W	49.35@	261.68	9.91
8326.00	20.40	253.08	8320.63	31.00	58.37	10.20 S	58.35 W	32.98583444 N	103.93951024 W	59.23@	260.09	10.38
8356.00	23.21	254.21	8348.48	30.00	69.07	13.33 S	69.04 W	32.98582595 N	103.93954515 W	70.32@	259.08	9.47
8390.00	26.56	256.91	8379.32	34.00	82.93	16.87 S	82.90 W	32.98581634 N	103.93959038 W	84.60@	258.50	10.40
8422.00	29.19	258.10	8407.60	32.00	97.54	20.10 S	97.50 W	32.98580761 N	103.93963805 W	99.56@	258.35	8.40
8454.00	31.57	257.87	8435.21	32.00	113.37	23.47 S	113.33 W	32.98579851 N	103.93968971 W	115.74@	258.30	7.45
8486.00	35.35	257.52	8461.90	32.00	130.61	27.23 S	130.57 W	32.98578835 N	103.93974596 W	133.38@	258.22	11.83
8517.00	38.87	256.86	8486.62	31.00	148.86	31.38 S	148.80 W	32.98577713 N	103.93980548 W	152.07@	258.09	11.43
8549.00	42.65	257.30	8510.85	32.00	169.22	36.05 S	169.16 W	32.98576451 N	103.93987193 W	172.96@	257.97	11.85
8581.00	46.43	258.03	8533.65	32.00	191.16	40.84 S	191.08 W	32.98575157 N	103.93994349 W	195.40@	257.94	11.92
8613.00	50.21	258.76	8554.93	32.00	214.57	45.64 S	214.49 W	32.98573861 N	103.94001988 W	219.30@	257.99	11.93
8644.00	53.90	259.54	8573.99	31.00	238.59	50.24 S	238.50 W	32.98572622 N	103.94009822 W	243.73@	258.10	12.07
8676.00	57.68	260.35	8591.98	32.00	264.65	54.86 S	264.55 W	32.98571381 N	103.94018324 W	270.18@	258.29	12.00
8708.00	61.64	260.36	8608.14	32.00	291.88	59.48 S	291.77 W	32.98570137 N	103.94027207 W	297.77@	258.48	12.37
8740.00	65.33	259.50	8622.42	32.00	320.07	64.49 S	319.96 W	32.98568789 N	103.94036405 W	326.39@	258.60	11.78
8771.00	68.94	260.13	8634.47	31.00	348.19	69.54 S	348.07 W	32.98567431 N	103.94045579 W	354.95@	258.70	11.79
8803.00	73.07	260.14	8644.88	32.00	378.00	74.72 S	377.87 W	32.98566037 N	103.94055304 W	385.19@	258.81	12.91
8835.00	78.08	260.50	8652.85	32.00	408.55	79.93 S	408.41 W	32.98564636 N	103.94065270 W	416.16@	258.93	15.69
8867.00	83.27	263.25	8658.03	32.00	439.81	84.39 S	439.66 W	32.98563444 N	103.94075466 W	447.69@	259.14	18.30
8898.00	87.32	267.17	8660.57	31.00	470.59	86.96 S	470.44 W	32.98562767 N	103.94085505 W	478.41@	259.53	18.15

PathFinder Energy Services, Inc.

Survey Report

Mack Energy Corporation
Peery Federal #7
Chaves COUNTY, New Mexico
RIG:Silver Oak 2

Page 03/03

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Survey Latitude (deg)	Survey Longitude (deg)	Closure Dist Dir (ft) (deg)		DLS (dg/100ft)
8930.00	88.37	268.11	8661.78	32.00	502.54	88.28 S	502.39 W	32.98562438 N	103.94095926 W	510.08@	260.03	4.40
8962.00	88.02	267.72	8662.79	32.00	534.50	89.44 S	534.35 W	32.98562151 N	103.94106351 W	541.78@	260.50	1.64
8994.00	87.14	268.68	8664.14	32.00	566.46	90.45 S	566.30 W	32.98561908 N	103.94116773 W	573.48@	260.93	4.07
9012.00	87.03	270.17	8665.05	18.00	584.44	90.63 S	584.28 W	32.98561877 N	103.94122636 W	591.27@	261.18	8.29
9044.00	87.14	270.31	8666.68	32.00	616.39	90.49 S	616.24 W	32.98561946 N	103.94133057 W	622.85@	261.65	0.56
9076.00	87.93	270.28	8668.06	32.00	648.36	90.33 S	648.21 W	32.98562024 N	103.94143483 W	654.47@	262.07	2.47
9108.00	88.38	270.27	8669.09	32.00	680.35	90.17 S	680.19 W	32.98562099 N	103.94153913 W	686.14@	262.45	1.41
9140.00	88.26	269.83	8670.02	32.00	712.33	90.15 S	712.18 W	32.98562139 N	103.94164344 W	717.86@	262.79	1.42
9171.00	88.21	269.92	8670.98	31.00	743.32	90.21 S	743.16 W	32.98562153 N	103.94174449 W	748.62@	263.08	0.33
9199.00	88.54	269.91	8671.77	28.00	771.31	90.26 S	771.15 W	32.98562170 N	103.94183577 W	776.41@	263.32	1.18
9213.00	88.90	270.64	8672.09	14.00	785.30	90.19 S	785.15 W	32.98562203 N	103.94188141 W	790.31@	263.45	5.81
9245.00	90.40	271.15	8672.28	32.00	817.30	89.69 S	817.14 W	32.98562373 N	103.94198574 W	822.05@	263.74	4.95
9277.00	94.62	270.59	8670.88	32.00	849.25	89.20 S	849.10 W	32.98562539 N	103.94208996 W	853.77@	264.00	13.30
9308.00	97.96	271.06	8667.48	31.00	880.06	88.76 S	879.90 W	32.98562692 N	103.94219041 W	884.37@	264.24	10.88
9340.00	100.68	269.97	8662.30	32.00	911.63	88.47 S	911.48 W	32.98562803 N	103.94229337 W	915.76@	264.46	9.14
9368.00	100.51	270.14	8657.15	28.00	939.15	88.45 S	939.00 W	32.98562838 N	103.94238313 W	943.16@	264.62	0.85
9400.00	99.89	269.92	8651.49	32.00	970.65	88.43 S	970.49 W	32.98562875 N	103.94248584 W	974.51@	264.79	2.05
9431.00	101.04	270.11	8645.86	31.00	1001.13	88.42 S	1000.98 W	32.98562908 N	103.94258525 W	1004.88@	264.95	3.76
9463.00	101.47	271.17	8639.61	32.00	1032.51	88.07 S	1032.36 W	32.98563036 N	103.94268758 W	1036.11@	265.12	3.52
9495.00	101.30	271.98	8633.29	32.00	1063.87	87.21 S	1063.72 W	32.98563305 N	103.94278984 W	1067.29@	265.31	2.54
STRAIGHT LINE PROJECTION TO BIT AT 9563' MD.												
9563.00	101.30	271.98	8619.97	68.00	1130.51	84.91 S	1130.36 W	32.98564007 N	103.94300714 W	1133.54@	265.70	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.