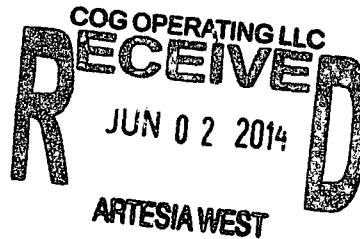




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



NM OIL CONSERVATION
ARTESIA DISTRICT

JUL 22 2014

RECEIVED

May 14, 2014

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

3001537833

RE: Big Papi Federal Com #2H
330' FNL & 1980' FWL
Sec. 4, T26S, R29E
Eddy County, New Mexico

Dear Sir,

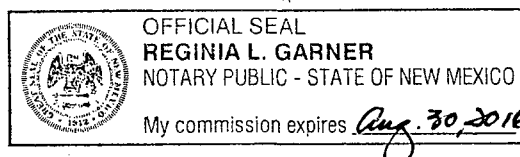
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 14th day of May, 2014.

Notary Public

Big Papi Fed Com #2H

Date	Depth	Deviation	Direction
4/26/2014	150	0.80	0.00
4/26/2014	441	0.80	0.00
4/28/2014	539	0.10	0.00
4/28/2014	599	0.40	0.00
4/28/2014	782	0.00	0.00
4/29/2014	1212	0.30	0.00
4/29/2014	1425	0.20	0.00
4/29/2014	1668	0.20	0.00
4/29/2014	1913	0.10	0.00
4/29/2014	2127	0.10	0.00
4/29/2014	2158	0.20	0.00
4/29/2014	2510	0.50	0.00
4/30/2014	2847	0.40	0.00
5/1/2014	2928	0.30	0.00
5/1/2014	3392	0.30	0.00
5/2/2014	3789	0.40	0.00
5/2/2014	4250	0.20	0.00
5/2/2014	4492	1.10	0.00
5/2/2014	4652	1.00	0.00
5/2/2014	5066	1.40	0.00
5/2/2014	5514	1.10	0.00
5/3/2014	5770	1.20	0.00
5/3/2014	6026	1.20	0.00
5/3/2014	6280	1.50	0.00
5/4/2014	6695	2.00	0.00
5/4/2014	6983	1.60	0.00
5/5/2014	7240	2.00	0.00
5/5/2014	7491	1.50	0.00
5/5/2014	7784	1.70	0.00
5/5/2014	7980	1.60	0.00
5/6/2014	8103	6.80	171.20
5/6/2014	8135	10.20	171.80
5/6/2014	8167	13.60	173.20
5/7/2014	8231	19.30	180.00
5/7/2014	8263	22.20	179.20
5/7/2014	8295	25.30	176.00
5/7/2014	8327	28.40	173.90
5/7/2014	8359	31.50	173.90
5/7/2014	8485	42.90	181.80
5/7/2014	8581	51.40	182.80
5/7/2014	8613	54.30	180.20
5/7/2014	8709	63.20	176.30
5/8/2014	8773	70.20	177.40

Date	Depth	Deviation	Direction
5/8/2014	8805	73.30	177.90
5/8/2014	8825	75.60	179.40
5/8/2014	8992	86.60	180.50
5/9/2014	9336	88.50	180.60
5/9/2014	9430	88.60	179.40
5/9/2014	9523	89.40	179.40
5/9/2014	9617	90.10	180.00
5/9/2014	9710	90.70	179.20
5/9/2014	9943	91.40	179.60
5/9/2014	9992	90.40	179.30
5/9/2014	10086	90.30	119.40
5/9/2014	10180	90.30	179.20
5/9/2014	10274	90.50	178.90
5/9/2014	10367	89.90	177.70
5/9/2014	10544	88.40	177.20
5/9/2014	10742	89.40	181.70
5/9/2014	10930	89.50	180.80
5/10/2014	11118	90.40	184.30
5/10/2014	11212	89.00	181.80
5/10/2014	11306	90.30	182.60
5/10/2014	11399	89.80	181.30
5/10/2014	11493	89.90	179.90
5/10/2014	11682	90.60	178.50
5/10/2014	11775	90.50	177.20
5/10/2014	11869	89.70	174.70
5/10/2014	11963	89.00	174.20
5/10/2014	12152	91.60	177.50
5/10/2014	12340	91.80	178.60
5/11/2014	12621	91.50	179.30
5/11/2014	12714	90.40	179.60
5/11/2014	12808	90.30	179.60
5/11/2014	12902	91.30	181.70
5/11/2014	12940	91.40	181.90



May 12, 2014

Concho Resources, Inc.
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701

Attn: Kanicia Castillo

RE: **Big Papi Federal Com No. 002H**

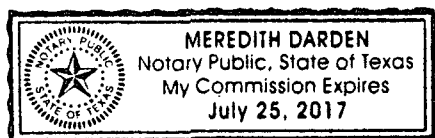
Please find enclosed a copy of the survey from 0.00' to 7965.00' ran on the above referenced well.

Sincerely,

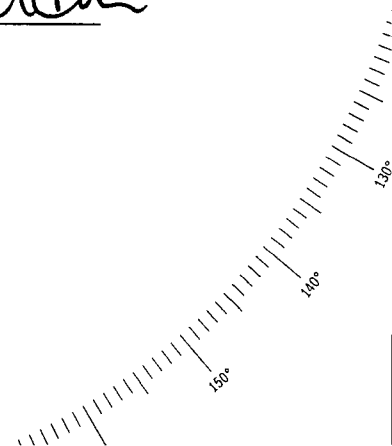
Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 12th day of May,
A.D., 2014, by Keith Havelka.




Meredith Darden
Notary Public, State of Texas





Company: COG Operating Inc. (Concho)
Lease/Well: Big Papi Federal Com /No. 002H
Location: Sec 4 T26S R29E
Rig Name: Silver Oak 1
State/County: New Mexico/Eddy
Latitude: 32.08, Longitude: -103.99
GRID North is 0.18 Degrees East of True North
VS-Azi: 0.00 Degrees



Depth Reference : RKB = 17.5 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: big papi fed com #2h-de_01.ut

Minimum Curvature Method

Report Date/Time: 5/12/2014 / 09:21

VES Survey International

West, Texas

432-563-5444

Surveyor: Chris Bankson

Big Papi Federal Com No. 002H / API 30-015-37833

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.75	70.44	100.00	0.22	0.61	0.22	0.65	70.44	0.75
200.00	1.81	81.16	199.97	0.68	2.79	0.68	2.87	76.32	1.09
300.00	1.94	96.30	299.92	0.74	6.03	0.74	6.08	83.05	0.51
400.00	0.33	51.69	399.90	0.73	7.94	0.73	7.98	84.76	1.72
500.00	0.29	12.45	499.89	1.15	8.22	1.15	8.30	82.03	0.21
600.00	0.32	5.43	599.89	1.68	8.30	1.68	8.47	78.57	0.05
700.00	0.46	1.97	699.89	2.36	8.34	2.36	8.67	74.22	0.14
800.00	0.24	81.42	799.89	2.79	8.57	2.79	9.01	71.97	0.48
900.00	0.20	126.74	899.89	2.71	8.92	2.71	9.32	73.08	0.17
1000.00	0.17	139.37	999.89	2.49	9.16	2.49	9.49	74.78	0.05
1100.00	0.14	143.05	1099.89	2.28	9.33	2.28	9.60	76.25	0.04
1200.00	0.22	161.16	1199.89	2.01	9.46	2.01	9.67	78.01	0.10
1300.00	0.13	144.99	1299.89	1.74	9.59	1.74	9.74	79.72	0.10
1400.00	0.08	130.30	1399.89	1.60	9.70	1.60	9.84	80.64	0.05
1500.00	0.09	124.86	1499.89	1.51	9.82	1.51	9.94	81.27	0.01
1600.00	0.29	115.48	1599.89	1.35	10.12	1.35	10.21	82.38	0.21
1700.00	0.09	112.00	1699.89	1.22	10.42	1.22	10.49	83.35	0.20
1800.00	0.10	96.49	1799.89	1.18	10.58	1.18	10.64	83.65	0.03

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	0.06	82.62	1899.89	1.17	10.72	1.17	10.79	83.75	0.05
2000.00	0.17	77.59	1999.88	1.21	10.92	1.21	10.99	83.67	0.11
2100.00	0.20	77.39	2099.88	1.28	11.24	1.28	11.31	83.49	0.04
2200.00	0.34	84.86	2199.88	1.35	11.70	1.35	11.78	83.43	0.14
2300.00	0.74	93.50	2299.88	1.33	12.64	1.33	12.71	83.97	0.41
2400.00	1.05	97.69	2399.87	1.17	14.19	1.17	14.24	85.28	0.32
2500.00	0.80	95.98	2499.85	0.98	15.79	0.98	15.82	86.46	0.25
2600.00	1.21	92.20	2599.84	0.86	17.54	0.86	17.56	87.18	0.42
2700.00	1.28	97.72	2699.81	0.67	19.71	0.67	19.72	88.04	0.14
2800.00	0.97	105.45	2799.79	0.30	21.63	0.30	21.63	89.21	0.34
2900.00	0.35	133.57	2899.79	-0.14	22.67	-0.14	22.67	90.35	0.68
3000.00	0.27	141.46	2999.79	-0.53	23.04	-0.53	23.04	91.33	0.09
3100.00	0.31	145.32	3099.78	-0.94	23.34	-0.94	23.36	92.31	0.04
3200.00	0.13	154.26	3199.78	-1.27	23.54	-1.27	23.58	93.09	0.18
3300.00	0.11	158.95	3299.78	-1.47	23.63	-1.47	23.67	93.55	0.03
3400.00	0.18	164.49	3399.78	-1.71	23.71	-1.71	23.77	94.12	0.07
3500.00	0.09	155.61	3499.78	-1.93	23.78	-1.93	23.86	94.65	0.10
3600.00	0.09	143.77	3599.78	-2.07	23.86	-2.07	23.95	94.95	0.02
3700.00	0.15	153.50	3699.78	-2.25	23.96	-2.25	24.07	95.35	0.06
3800.00	0.06	148.22	3799.78	-2.40	24.05	-2.40	24.17	95.71	0.09
3900.00	0.26	120.11	3899.78	-2.56	24.27	-2.56	24.40	96.02	0.21
4000.00	0.19	115.17	3999.78	-2.75	24.62	-2.75	24.77	96.37	0.07
4100.00	0.09	102.85	4099.78	-2.83	24.84	-2.83	25.00	96.51	0.11
4200.00	0.16	73.16	4199.78	-2.81	25.05	-2.81	25.21	96.40	0.09
4300.00	0.49	20.25	4299.78	-2.37	25.33	-2.37	25.44	95.35	0.41
4400.00	1.06	2.53	4399.77	-1.04	25.52	-1.04	25.54	92.34	0.61
4500.00	1.19	15.28	4499.75	0.88	25.83	0.88	25.85	88.04	0.28
4600.00	1.06	26.28	4599.73	2.71	26.52	2.71	26.66	84.16	0.25
4700.00	0.95	38.17	4699.72	4.19	27.44	4.19	27.76	81.31	0.24
4800.00	0.97	46.94	4799.70	5.42	28.57	5.42	29.08	79.25	0.15
4900.00	1.04	73.43	4899.69	6.26	30.06	6.26	30.70	78.24	0.47
5000.00	1.38	74.70	4999.67	6.84	32.09	6.84	32.81	77.97	0.34
5100.00	1.52	76.48	5099.63	7.46	34.54	7.46	35.34	77.81	0.15
5200.00	1.38	90.81	5199.60	7.76	37.04	7.76	37.84	78.17	0.39
5300.00	0.98	104.91	5299.58	7.52	39.07	7.52	39.79	79.11	0.49
5400.00	1.46	127.69	5399.56	6.52	40.91	6.52	41.43	80.95	0.67
5500.00	1.22	147.77	5499.53	4.84	42.49	4.84	42.76	83.50	0.53
5600.00	0.91	157.44	5599.51	3.21	43.36	3.21	43.48	85.77	0.36
5700.00	0.93	156.09	5699.50	1.73	43.99	1.73	44.03	87.74	0.04

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
5800.00	1.24	159.37	5799.48	-0.02	44.70	-0.02	44.70	90.03	0.31
5900.00	1.22	161.50	5899.46	-2.04	45.42	-2.04	45.47	92.58	0.05
6000.00	1.17	164.76	5999.44	-4.03	46.03	-4.03	46.20	95.01	0.09
6100.00	1.24	158.11	6099.42	-6.02	46.70	-6.02	47.09	97.35	0.16
6200.00	1.42	163.05	6199.39	-8.21	47.46	-8.21	48.17	99.82	0.21
6300.00	1.56	159.99	6299.35	-10.68	48.29	-10.68	49.46	102.47	0.16
6400.00	1.72	161.96	6399.31	-13.39	49.22	-13.39	51.01	105.21	0.17
6500.00	1.90	164.04	6499.26	-16.41	50.14	-16.41	52.76	108.12	0.19
6600.00	1.63	174.00	6599.22	-19.41	50.75	-19.41	54.33	110.93	0.41
6700.00	1.59	201.09	6699.18	-22.12	50.40	-22.12	55.04	113.70	0.75
6800.00	1.69	232.33	6799.14	-24.31	48.73	-24.31	54.46	116.52	0.89
6900.00	1.52	199.05	6899.10	-26.46	47.13	-26.46	54.05	119.31	0.93
7000.00	1.38	161.50	6999.07	-28.85	47.08	-28.85	55.22	121.50	0.94
7100.00	1.36	124.34	7099.05	-30.66	48.45	-30.66	57.33	122.33	0.87
7200.00	1.40	92.04	7199.02	-31.38	50.65	-31.38	59.58	121.78	0.77
7300.00	1.64	87.45	7298.98	-31.36	53.29	-31.36	61.83	120.47	0.27
7400.00	1.61	78.47	7398.94	-31.01	56.10	-31.01	64.10	118.93	0.26
7500.00	1.73	82.08	7498.90	-30.52	58.98	-30.52	66.41	117.36	0.16
7600.00	2.24	81.34	7598.84	-30.02	62.40	-30.02	69.25	115.69	0.50
7700.00	2.13	84.40	7698.77	-29.54	66.19	-29.54	72.48	114.05	0.15
7800.00	1.45	83.57	7798.72	-29.22	69.30	-29.22	75.21	112.86	0.68
7900.00	1.12	77.41	7898.69	-28.87	71.51	-28.87	77.12	111.98	0.37
7965.00	1.04	56.96	7963.68	-28.40	72.63	-28.40	77.98	111.36	0.60



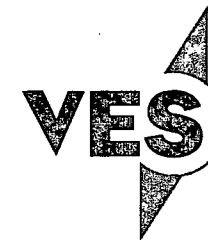
VES Survey International

West, Texas

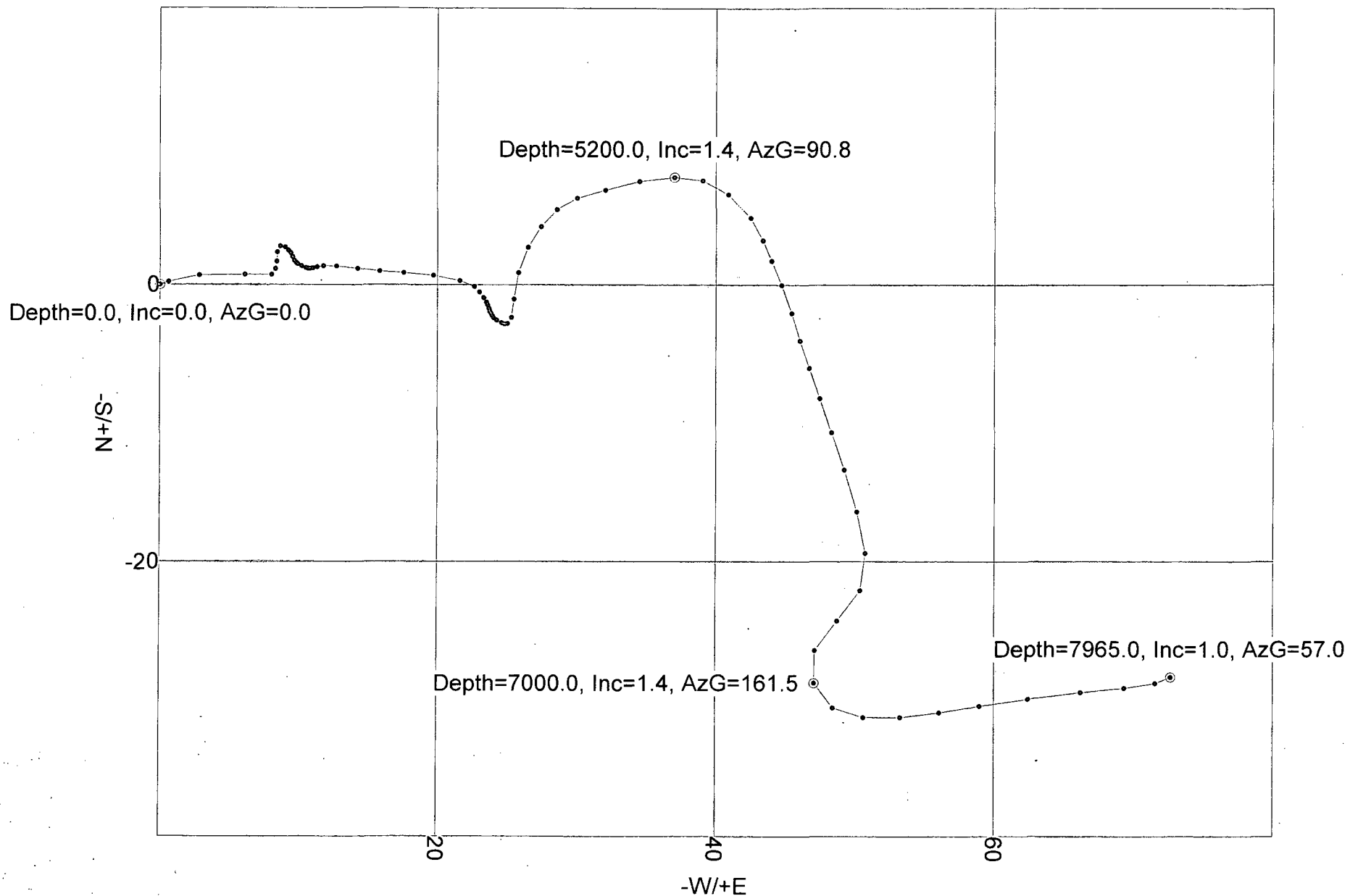
432-563-5444

Surveyor: Chris Bankson

Big Papi Federal Com No. 002H / API 30-015-37833



SURVEY
INTERNATIONAL



VES Survey Date: 05/05/2014



State of New Mexico
County of Eddy

I, Michael K. Baber, certify that I am employed by Terra Directional Services LLC; that I did on the day(s) of 5/5/14 through 5/12/14 conduct or supervise the taking of a MWD survey from a depth of 8007 feet to a depth 12985 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Terra Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of Concho Oil & Gas for the Big Papi Federal Com #2H Well API 30-015-37833 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Terra Directional Services LLC.

A handwritten signature of Michael K. Baber in black ink, written over a horizontal line.

Michael K. Baber
MWD Operations Manager

State of Texas
County of Dallas

Before me, a notary public, on this day personally appeared Michael K. Baber, known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.

A handwritten signature of the notary public in black ink, written over a horizontal line.

Notary Public's Signature





Customer Name: Concho Oil & Gas
Well Name: Big Papi Federal #2H
API Number: 30-015-37833
County / Parish: Eddy Co New Mexico

M.W.D. Operator: Luis Natividad
Directional Driller: Don Hale
Total Magnetic Correction: 7.24
Job #: NM-434

Vertical Section: 178.76

Tie In Survey(s) Provided By:

Vaughn Energy Services

	Meas. Depth	Inc.	Azm.	T.V.D.	Ver. Sect.	+N/-S	+E/-W	Dist.	Angle	DLS
Tie In										
0	7965.00	1.04	56.96	7963.68	-29.97	-28.40	72.63	77.99	111.36	0.00
1	8007.00	1.30	41.00	8005.67	29.41	-27.83	73.26	78.37	110.80	0.99
2	8038.00	0.60	95.30	8036.67	29.17	-27.58	73.65	78.65	110.53	3.44
3	8071.00	3.50	164.40	8069.64	30.17	-28.57	74.10	79.41	111.08	10.10
4	8103.00	6.80	171.20	8101.51	32.99	-31.38	74.65	80.98	112.80	10.47
5	8135.00	10.20	171.80	8133.16	37.68	-36.06	75.34	83.53	115.58	10.63
6	8167.00	13.60	173.20	8164.46	44.24	-42.60	76.19	87.30	119.21	10.66
7	8199.00	16.60	176.30	8195.36	52.55	-50.90	76.93	92.25	123.49	9.71
8	8231.00	19.30	180.00	8225.80	62.41	-60.75	77.23	98.26	128.19	9.16
9	8263.00	22.20	179.20	8255.72	73.75	-72.09	77.31	105.71	133.00	9.11
10	8295.00	25.30	176.00	8285.00	86.62	-84.96	77.88	115.25	137.49	10.49
11	8327.00	28.40	173.90	8313.55	101.04	-99.35	79.16	127.03	141.45	10.13
12	8359.00	31.50	173.90	8341.28	116.96	-115.23	80.86	140.77	144.94	9.69
13	8391.00	34.20	176.20	8368.16	134.28	-132.52	82.34	156.02	148.15	9.29
14	8423.00	36.80	179.50	8394.21	152.85	-151.09	83.02	172.40	151.21	10.09
15	8455.00	39.70	180.70	8419.34	172.65	-170.89	82.98	189.98	154.10	9.35
16	8485.00	42.90	181.80	8441.87	192.43	-190.69	82.54	207.79	156.59	10.94
17	8517.00	46.10	183.20	8464.69	214.81	-213.09	81.56	228.16	159.06	10.46
18	8549.00	48.30	183.70	8486.43	238.20	-236.53	80.14	249.73	161.28	6.97
19	8581.00	51.40	182.80	8507.07	262.59	-260.94	78.76	272.57	163.20	9.92
20	8613.00	54.30	180.20	8526.39	288.06	-286.43	78.11	296.89	164.75	11.14
21	8645.00	57.50	177.40	8544.33	314.55	-312.92	78.67	322.66	165.89	12.35
22	8677.00	61.00	176.00	8560.69	342.02	-340.37	80.26	349.70	166.73	11.57
23	8709.00	63.20	176.30	8575.66	370.27	-368.58	82.16	377.63	167.43	6.92
24	8741.00	66.40	177.00	8589.29	399.20	-397.48	83.85	406.23	168.09	10.19
25	8773.00	70.20	177.40	8601.12	428.92	-427.17	85.30	435.61	168.71	11.93
26	8805.00	73.30	177.90	8611.14	459.30	-457.54	86.54	465.65	169.29	9.80
27	8835.00	75.60	179.40	8619.18	488.20	-486.43	87.22	494.18	169.83	9.05
28	8867.00	78.30	179.60	8626.40	519.37	-517.60	87.49	524.94	170.41	8.46
29	8899.00	80.30	179.50	8632.34	550.81	-549.04	87.74	556.00	170.92	6.26
30	8930.00	82.20	180.00	8637.06	581.44	-579.67	87.88	586.30	171.38	6.33
31	8961.00	84.50	180.20	8640.65	612.22	-610.46	87.82	616.75	171.81	7.45
32	8992.00	86.60	180.50	8643.06	643.11	-641.37	87.63	647.33	172.22	6.84
33	9023.00	87.30	179.90	8644.70	674.06	-672.32	87.52	678.00	172.58	2.97
34	9054.00	88.50	179.70	8645.84	705.03	-703.30	87.63	708.74	172.90	3.92
35	9085.00	88.60	180.10	8646.63	736.02	-734.29	87.69	739.51	173.19	1.33
36	9116.00	88.50	180.00	8647.41	767.00	-765.28	87.66	770.29	173.47	0.46
37	9148.00	88.60	180.60	8648.22	798.98	-797.27	87.49	802.06	173.74	1.90
38	9242.00	88.50	181.10	8650.60	892.88	-891.23	86.10	895.38	174.48	0.54
39	9336.00	88.50	180.60	8653.06	986.79	-985.19	84.70	988.82	175.09	0.53
40	9430.00	88.60	179.40	8655.44	1080.74	-1079.16	84.70	1082.47	175.51	1.28
41	9523.00	89.40	179.40	8657.06	1173.71	-1172.14	85.68	1175.26	175.82	0.86
42	9617.00	90.10	180.00	8657.47	1267.70	-1266.13	86.17	1269.06	176.11	0.98
43	9710.00	90.70	179.20	8656.82	1360.69	-1359.13	86.82	1361.90	176.34	1.08
44	9804.00	91.30	179.90	8655.18	1454.66	-1453.11	87.56	1455.74	176.55	0.98



45	9898.00	91.40	179.60	8652.97	1548.62	-1547.08	87.97	1549.58	176.75	0.34
46	9992.00	90.40	179.30	8651.49	1642.60	-1641.06	88.87	1643.47	176.90	1.11
47	10086.00	90.30	179.40	8650.92	1736.60	-1735.06	89.94	1737.39	177.03	0.15
48	10180.00	90.30	179.20	8650.42	1830.59	-1829.05	91.08	1831.31	177.15	0.21
49	10274.00	90.50	178.90	8649.77	1924.59	-1923.03	92.64	1925.26	177.24	0.38
50	10367.00	89.90	177.70	8649.44	2017.58	-2015.99	95.40	2018.24	177.29	1.44
51	10461.00	89.80	176.30	8649.69	2111.53	-2109.86	100.32	2112.24	177.28	1.49
52	10554.00	88.40	177.20	8651.15	2204.46	-2202.69	105.59	2205.22	177.26	1.79
53	10648.00	90.20	181.40	8652.30	2298.43	-2296.65	106.74	2299.13	177.34	4.86
54	10742.00	89.40	181.70	8652.63	2392.31	-2390.62	104.20	2392.89	177.50	0.91
55	10836.00	90.00	181.50	8653.12	2486.20	-2484.58	101.57	2486.66	177.66	0.67
56	10930.00	89.50	180.80	8653.53	2580.11	-2578.56	99.69	2580.49	177.79	0.92
57	11024.00	89.30	181.60	8654.51	2674.02	-2672.53	97.72	2674.32	177.91	0.88
58	11118.00	90.40	184.30	8654.76	2767.76	-2766.40	92.88	2767.96	178.08	3.10
59	11212.00	89.00	181.80	8655.25	2861.49	-2860.25	87.88	2861.60	178.24	3.05
60	11306.00	90.30	182.60	8655.83	2955.31	-2954.18	84.27	2955.38	178.37	1.62
61	11399.00	89.80	181.30	8655.74	3048.16	-3047.12	81.11	3048.20	178.48	1.50
62	11493.00	89.90	179.90	8655.99	3142.11	-3141.12	80.12	3142.14	178.54	1.49
63	11587.00	90.40	178.60	8655.74	3236.11	-3235.10	81.35	3236.13	178.56	1.48
64	11682.00	90.60	178.50	8654.92	3331.10	-3330.07	83.76	3331.12	178.56	0.24
65	11775.00	90.50	177.20	8654.02	3424.09	-3423.00	87.25	3424.11	178.54	1.40
67	11869.00	89.70	174.70	8653.86	3517.96	-3516.76	93.88	3518.01	178.47	2.79
68	11963.00	89.00	174.20	8654.92	3611.69	-3610.31	102.97	3611.78	178.37	0.92
69	12058.00	89.80	174.40	8655.92	3706.40	-3704.83	112.41	3706.54	178.26	0.87
70	12152.00	91.60	177.50	8654.77	3800.26	-3798.58	119.05	3800.44	178.20	3.81
71	12246.00	91.50	178.30	8652.23	3894.22	-3892.48	122.49	3894.40	178.20	0.86
72	12340.00	91.80	178.60	8649.52	3988.18	-3986.40	125.03	3988.36	178.20	0.45
73	12434.00	91.50	179.20	8646.82	4082.14	-4080.35	126.84	4082.32	178.22	0.71
74	12527.00	91.20	178.20	8644.62	4175.11	-4173.30	128.95	4175.29	178.23	1.12
75	12621.00	91.50	179.30	8642.41	4269.08	-4267.25	131.00	4269.26	178.24	1.21
76	12714.00	90.40	179.60	8640.87	4362.06	-4360.23	131.89	4362.22	178.27	1.23
77	12808.00	90.30	179.60	8640.29	4456.05	-4454.22	132.54	4456.19	178.30	0.11
78	12902.00	91.30	181.70	8638.98	4549.98	-4548.20	131.48	4550.10	178.34	2.47
79	12940.00	91.40	181.90	8638.09	4587.92	-4586.17	130.28	4588.02	178.37	0.59
PTB	12985.00	91.40	181.90	8636.99	4632.84	-4631.13	128.79	4632.92	178.41	0.00

