

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☒ AMENDED REPORT

As Drilled

RCVD FEB 25 '13
OIL CONS. DIV.

Confidential

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35441		*Pool Code 47540	*Pool Name NAGEEZI GALLUP	DIST. 3
*Property Code 47540	*Property Name CHACO 2408-32P			*Well Number 114H
*OGRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC			*Elevation 7017'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	24N	8W		1203	SOUTH	382	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	32	24N	8W		2258	SOUTH	391	WEST	SAN JUAN

12 Dedicated Acres 160.0 Acres - (N/2 S/2)	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

16 N89°59'W 2640.99' (RECORD)
S89°59'28"W 2640.71' (MEASURED)
N89°59'W 2640.99' (RECORD)
S89°57'36"W 2639.88' (MEASURED)

17 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 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.

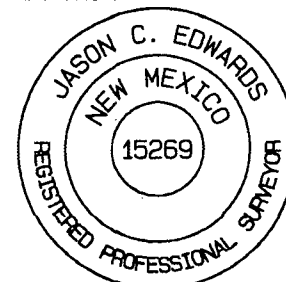
Signature: *Larry Higgins* Date: 2/25/13
Printed Name: Larry Higgins
E-mail Address: larry.higgins@wpxenergy.com

18 SURVEYOR CERTIFICATION

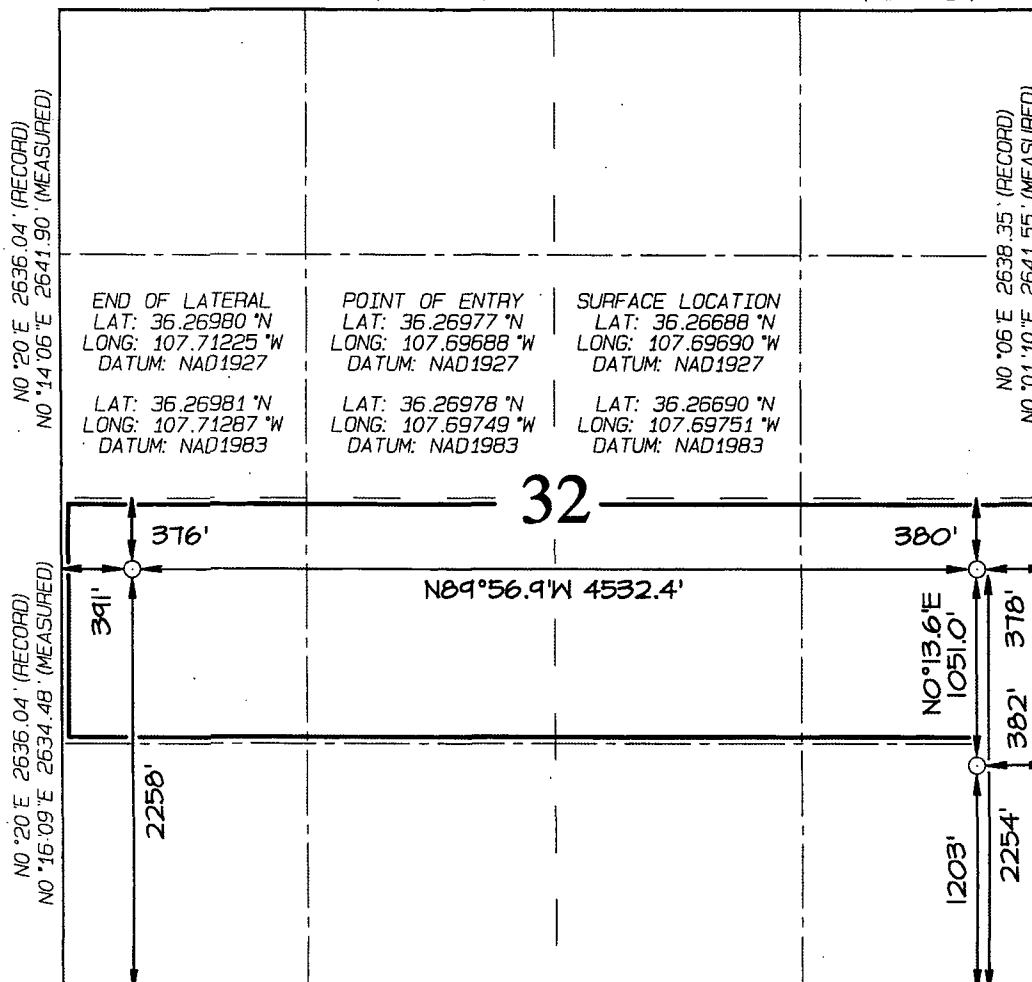
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: FEBRUARY 22, 2013
Date of Survey: AUGUST 6, 2012

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



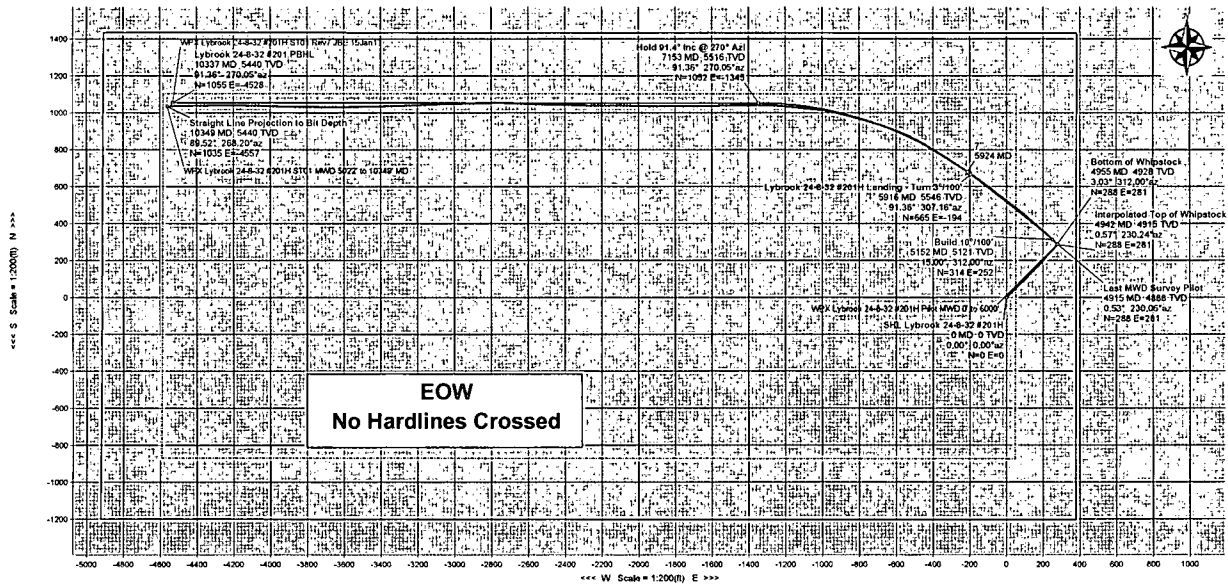
30-045-35441

KB: 14'

Lybrook 24-8-32 #201H	11111	NM San Juan County NAD27	ST01 Rev7	AWS 980
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Magnetic Parameters	Day	Date	Surface Location	NAD27 New Mexico State Plane, Western Zone, 15' East	Map Name	Scale	UTM Ref.	UTM Ref.	UTM Ref.
Model: MAGNETIC	Day: 01/01/07	Date: January 01, 2013	Lat: N 10 10 0.703	Lat: N 10 10 0.703	Model: MAGNETIC	Scale: 0.0001312	UTM Ref: 18QJG702D above NAD83	UTM Ref: 18QJG702D above NAD83	UTM Ref: 18QJG702D above NAD83
Map Date: 01/01/07			Long: W 107 41 48.833	Long: W 107 41 48.833	Map Date: 01/01/07		Scale: 0.0001312	Scale: 0.0001312	Scale: 0.0001312

Name	TVD (ft)	NS (ft)	EW (ft)	Latitude (deg)	Longitude (deg)	Shape
Lybrook 24-8-32 #201H POE	5547.00	1050.96	4.16	N 36 16 11.186	W 107 41 48.782	POINT
Lybrook 24-8-32 #201 PBHL	5440.00	1055.06	-4528.20	N 36 16 11.223	W 107 42 44.128	POINT

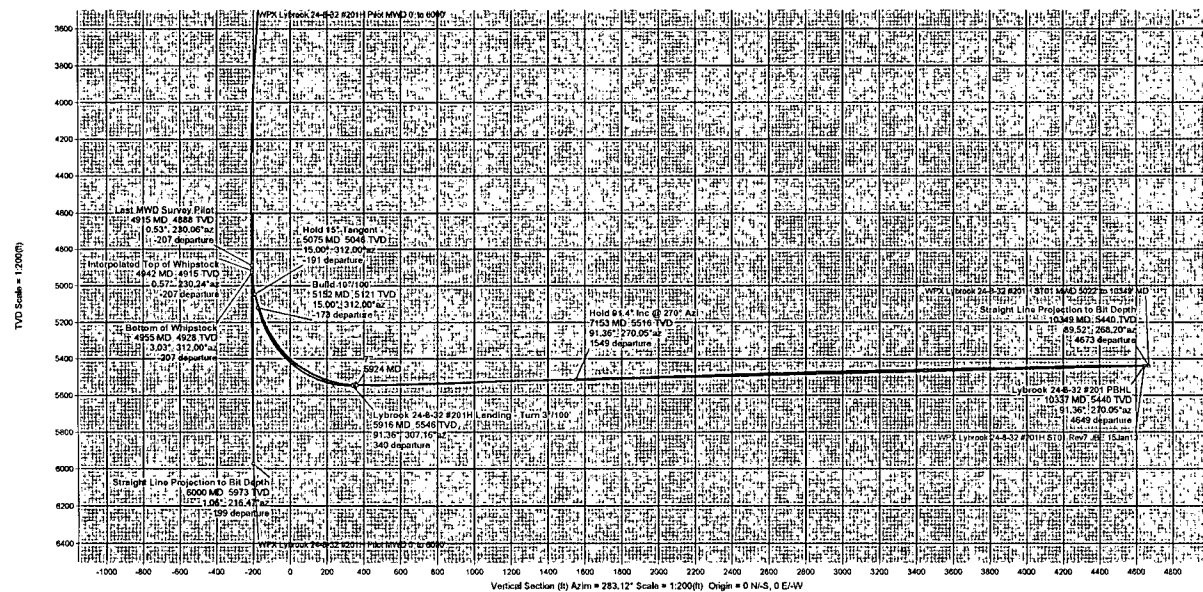


Legend

Lybrook 24-8-32 #201H POE
 Sec 32 T24N R66W South Half
 Lybrook 24-8-32 #201 PBHL
 Sec 32 T24N R66W South Half 330' HL
 WPX Lybrook 24-8-32 #201H ST01 Rev7 JBE 15Jan13
 WPX Lybrook 24-8-32 #201H Plot MWD 0' to 6000'
 WPX Lybrook 24-8-32 #201H ST01 MWD 5022' to 10349' MD



True North
 Let Cur (NAD83) 0.0001312
 Mag Dec (0.0077)
 Grid Cur (0.0077)



Critical Points

Comments	Survey MD (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	VS (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (1/100ft)
SHL Lybrook 24-8-32 #201H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tie-In to Pilot	4914.77	0.53	230.06	4888.13	-208.50	288.38	281.28	402.84	44.29	0.29
Interpolated Top of Whipstock	4942.00	0.57	230.24	4915.36	-208.35	288.22	281.08	402.58	44.28	0.15
Bottom of Whipstock	4955.00	3.03	312.00	4928.35	-208.01	288.40	280.77	402.51	44.23	23.08
Hold 15' Tangent	5074.72	15.00	312.00	5046.38	-191.61	300.93	266.86	402.21	41.57	10.00
Build 10°/100'	5152.06	15.00	312.00	5121.08	-174.08	314.33	251.98	402.86	38.72	0.00
Lybrook 24-8-32 #201H Landing - Turn 3°/100'	5916.20	91.36	307.16	5546.00	339.86	664.77	-194.07	692.52	343.73	10.00
Hold 91.4° Inc @ 270° Azi	7152.84	91.36	270.05	5515.58	1549.06	1052.33	-1345.36	1708.04	308.03	3.00
Lybrook 24-8-32 #201 PBHL	10336.58	91.36	270.05	5440.00	4649.49	1055.06	-4528.20	4649.49	283.12	0.00

Drawn By: Brock Knott
 Date Created: February 15, 2013 10:49:36 AM
 Checked By:
 Checked Date:
 Approved By:
 Approved Date:



WPX Lybrook 24-8-32 #201H ST01 MWD 0' to 10349' MD Survey Geodetic
30-045-35441
Report
(Def Survey)



Report Date: February 15, 2013 - 09:41 AM
Client: WPX Energy
Field: NM San Juan County NAD27
Structure / Slot: WPX - Lybrook 24-8-32 #201H / Lybrook 24-8-32 #201H
Well: Lybrook 24-8-32 #201H
Borehole: ST01
UWI / API#: Unknown / Unknown
Survey Name: WPX Lybrook 24-8-32 #201H ST01 MWD 0' to 10349' MD
Survey Date: January 28, 2013
Tort / AHD / DDI / ERD Ratio: 203.725 ° / 5468.568 ft / 6.318 / 0.986
Coordinate Reference System: NAD27 New Mexico State Plane, Western Zone, US Feet
Location Lat / Long: N 36° 16' 0.79320", W 107° 41' 48.83280"
Location Grid N/E Y/X: N 1916417.344 ftUS, E 540220.409 ftUS
CRS Grid Convergence Angle: 0.0807 °
Grid Scale Factor: 0.99991852

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 283.120 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 7032.000 ft above MSL
Seabed / Ground Elevation: 7017.000 ft above MSL
Magnetic Declination: 9.659 °
Total Gravity Field Strength: 999.1641 mgn (9.8 based)
Total Magnetic Field Strength: 50248.582 nT
Magnetic Dip Angle: 63.008 °
Declination Date: January 28, 2013
Magnetic Declination Model: BGGM 2012
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North→True 9.6586 °
North:
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
SHL Lybrook 24-8-32 #201H 9 5/8"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	1916417.34	540220.41	N 36 16 0.79	W 107 41 48.83
	436.00	0.42	252.06	436.00	1.36	-0.49	-1.51	0.10	1916416.85	540218.90	N 36 16 0.79	W 107 41 48.85
	460.04	0.44	252.06	460.04	1.51	-0.54	-1.68	0.10	1916416.80	540218.73	N 36 16 0.79	W 107 41 48.85
	521.59	0.18	246.17	521.58	1.79	-0.66	-1.99	0.43	1916416.69	540218.42	N 36 16 0.79	W 107 41 48.86
	584.50	0.26	223.39	584.49	1.94	-0.80	-2.18	0.19	1916416.54	540218.23	N 36 16 0.79	W 107 41 48.86
	644.43	0.26	219.96	644.42	2.07	-1.00	-2.36	0.03	1916416.34	540218.05	N 36 16 0.78	W 107 41 48.86
	706.76	0.26	241.49	706.75	2.24	-1.18	-2.58	0.16	1916416.16	540217.83	N 36 16 0.78	W 107 41 48.86
	769.74	0.18	222.97	769.73	2.40	-1.32	-2.77	0.17	1916416.02	540217.64	N 36 16 0.78	W 107 41 48.87
	830.92	0.35	219.39	830.91	2.53	-1.53	-2.96	0.28	1916415.81	540217.46	N 36 16 0.78	W 107 41 48.87
	893.54	0.09	239.76	893.53	2.65	-1.71	-3.12	0.43	1916415.63	540217.29	N 36 16 0.78	W 107 41 48.87
	954.44	0.79	49.97	954.43	2.43	-1.46	-2.84	1.44	1916415.88	540217.57	N 36 16 0.78	W 107 41 48.87
	1017.01	1.49	58.84	1016.99	1.59	-0.76	-1.81	1.15	1916416.58	540218.60	N 36 16 0.79	W 107 41 48.85
	1079.93	2.81	53.76	1079.86	0.00	0.57	0.13	2.12	1916417.92	540220.54	N 36 16 0.80	W 107 41 48.83
	1142.63	4.04	49.89	1142.45	-2.32	2.90	3.06	1.99	1916420.25	540223.47	N 36 16 0.82	W 107 41 48.80
	1205.49	4.66	48.50	1205.13	-5.13	6.02	6.67	1.00	1916423.38	540227.07	N 36 16 0.85	W 107 41 48.75
	1269.10	5.28	49.80	1268.50	-8.37	9.62	10.84	0.99	1916426.98	540231.23	N 36 16 0.89	W 107 41 48.70
	1332.40	6.16	51.19	1331.48	-12.20	13.63	15.71	1.41	1916431.00	540236.10	N 36 16 0.93	W 107 41 48.64
	1395.90	6.51	49.43	1394.59	-16.44	18.11	21.10	0.63	1916435.48	540241.48	N 36 16 0.97	W 107 41 48.58
	1458.85	8.00	49.00	1457.04	-21.12	23.30	27.11	2.37	1916440.68	540247.49	N 36 16 1.02	W 107 41 48.50
	1521.75	8.79	47.24	1519.26	-26.38	29.44	33.95	1.32	1916446.83	540254.31	N 36 16 1.08	W 107 41 48.42
	1584.40	8.62	40.78	1581.19	-31.24	36.24	40.53	1.58	1916453.64	540260.88	N 36 16 1.15	W 107 41 48.34
	1647.30	8.27	37.33	1643.41	-35.29	43.41	46.35	0.98	1916460.82	540266.69	N 36 16 1.22	W 107 41 48.27
	1710.73	7.91	43.77	1706.21	-39.38	50.19	52.14	1.54	1916467.60	540272.47	N 36 16 1.29	W 107 41 48.20
	1773.76	7.56	45.73	1768.67	-43.83	56.22	58.10	0.70	1916473.64	540278.43	N 36 16 1.35	W 107 41 48.12
	1837.13	7.83	48.12	1831.47	-48.55	62.01	64.30	0.66	1916479.44	540284.62	N 36 16 1.41	W 107 41 48.05

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	1900.03	8.35	50.63	1893.74	-53.79	67.77	71.02	1.00	1916485.20	540291.33	N 36 16 1.46	W 107 41 47.97
	1962.11	8.09	50.44	1955.18	-59.18	73.41	77.88	0.42	1916490.85	540298.18	N 36 16 1.52	W 107 41 47.88
	2024.14	8.00	50.30	2016.60	-64.44	78.94	84.56	0.15	1916496.40	540304.85	N 36 16 1.57	W 107 41 47.80
	2087.50	7.56	45.75	2079.38	-69.35	84.67	90.94	1.19	1916502.13	540311.22	N 36 16 1.63	W 107 41 47.72
	2150.10	7.21	46.44	2141.46	-73.73	90.25	96.74	0.58	1916507.72	540317.01	N 36 16 1.69	W 107 41 47.65
	2213.00	7.21	42.18	2203.86	-77.81	95.89	102.25	0.85	1916513.37	540322.51	N 36 16 1.74	W 107 41 47.58
	2276.32	7.47	41.41	2266.67	-81.69	101.93	107.64	0.44	1916519.41	540327.90	N 36 16 1.80	W 107 41 47.52
	2338.41	7.30	39.81	2328.24	-85.38	107.98	112.83	0.43	1916525.48	540333.08	N 36 16 1.86	W 107 41 47.45
	2401.14	7.39	42.91	2390.46	-89.17	114.00	118.13	0.65	1916531.50	540338.37	N 36 16 1.92	W 107 41 47.39
	2463.20	7.03	46.10	2452.03	-93.22	119.56	123.59	0.87	1916537.06	540343.82	N 36 16 1.98	W 107 41 47.32
	2526.83	7.56	44.33	2515.14	-97.51	125.25	129.32	0.90	1916542.77	540349.54	N 36 16 2.03	W 107 41 47.25
	2588.81	7.56	43.14	2576.58	-101.66	131.14	134.95	0.25	1916548.66	540355.17	N 36 16 2.09	W 107 41 47.18
	2652.69	7.91	44.14	2639.88	-106.03	137.36	140.89	0.59	1916554.89	540361.09	N 36 16 2.15	W 107 41 47.11
	2715.10	8.35	45.49	2701.66	-110.67	143.62	147.11	0.77	1916561.16	540367.30	N 36 16 2.21	W 107 41 47.04
	2777.98	9.15	45.83	2763.81	-115.82	150.31	153.95	1.27	1916567.85	540374.14	N 36 16 2.28	W 107 41 46.95
	2840.96	9.41	46.01	2825.97	-121.32	157.37	161.25	0.42	1916574.93	540381.42	N 36 16 2.35	W 107 41 46.86
	2904.28	9.50	46.88	2888.43	-127.03	164.54	168.79	0.27	1916582.10	540388.95	N 36 16 2.42	W 107 41 46.77
	2966.66	9.23	45.46	2949.97	-132.57	171.56	176.11	0.57	1916589.14	540396.26	N 36 16 2.49	W 107 41 46.68
	3029.23	9.06	44.79	3011.75	-137.84	178.58	183.16	0.32	1916596.17	540403.30	N 36 16 2.56	W 107 41 46.60
	3092.31	8.79	43.65	3074.07	-142.90	185.59	189.98	0.51	1916603.19	540410.12	N 36 16 2.63	W 107 41 46.51
	3155.20	8.53	41.27	3136.24	-147.54	192.58	196.38	0.70	1916610.18	540416.50	N 36 16 2.70	W 107 41 46.43
	3217.55	8.27	41.73	3197.92	-151.87	199.40	202.41	0.43	1916617.01	540422.52	N 36 16 2.77	W 107 41 46.36
	3280.83	8.27	41.69	3260.54	-156.22	206.19	208.47	0.01	1916623.81	540428.57	N 36 16 2.83	W 107 41 46.29
	3344.17	8.09	40.44	3323.24	-160.45	212.99	214.39	0.40	1916630.61	540434.48	N 36 16 2.90	W 107 41 46.21
	3406.71	7.83	40.23	3385.17	-164.41	219.59	219.99	0.42	1916637.22	540440.08	N 36 16 2.96	W 107 41 46.15
	3469.16	7.65	43.13	3447.06	-168.42	225.87	225.58	0.69	1916643.51	540445.66	N 36 16 3.03	W 107 41 46.08
	3532.55	7.65	44.11	3509.88	-172.71	231.98	231.41	0.21	1916649.63	540451.47	N 36 16 3.09	W 107 41 46.01
	3595.22	7.47	43.61	3572.01	-176.92	237.92	237.12	0.31	1916655.58	540457.17	N 36 16 3.15	W 107 41 45.94
	3658.76	7.21	44.24	3635.03	-181.08	243.77	242.75	0.43	1916661.43	540462.79	N 36 16 3.20	W 107 41 45.87
	3719.73	7.03	45.82	3695.53	-185.07	249.11	248.09	0.44	1916666.78	540468.13	N 36 16 3.26	W 107 41 45.80
	3783.10	7.21	46.17	3758.41	-189.34	254.57	253.74	0.29	1916672.25	540473.77	N 36 16 3.31	W 107 41 45.73
	3845.67	6.77	44.46	3820.51	-193.40	259.92	259.16	0.78	1916677.61	540479.18	N 36 16 3.36	W 107 41 45.67
	3907.89	5.80	42.21	3882.36	-196.83	264.87	263.84	1.61	1916682.56	540483.85	N 36 16 3.41	W 107 41 45.61
	3971.21	5.72	42.76	3945.36	-199.95	269.55	268.13	0.15	1916687.25	540488.14	N 36 16 3.46	W 107 41 45.56
	4033.10	5.01	40.94	4006.98	-202.73	273.86	272.00	1.18	1916691.56	540492.00	N 36 16 3.50	W 107 41 45.51
	4096.42	4.22	40.51	4070.09	-205.10	277.72	275.32	1.25	1916695.43	540495.32	N 36 16 3.54	W 107 41 45.47
	4159.08	3.61	41.90	4132.60	-207.11	280.94	278.14	0.99	1916698.65	540498.13	N 36 16 3.57	W 107 41 45.44
	4222.89	2.29	35.55	4196.33	-208.56	283.47	280.22	2.13	1916701.19	540500.21	N 36 16 3.60	W 107 41 45.41
	4285.44	1.58	34.19	4258.84	-209.35	285.20	281.43	1.14	1916702.92	540501.42	N 36 16 3.61	W 107 41 45.40
	4348.94	1.23	31.21	4322.32	-209.87	286.51	282.28	0.56	1916704.23	540502.26	N 36 16 3.63	W 107 41 45.39
	4411.20	0.62	24.83	4384.57	-210.15	287.39	282.76	0.99	1916705.10	540502.74	N 36 16 3.64	W 107 41 45.38
	4474.40	0.62	12.40	4447.77	-210.21	288.03	282.98	0.21	1916705.75	540502.96	N 36 16 3.64	W 107 41 45.38
	4537.05	0.35	342.01	4510.42	-210.11	288.54	283.00	0.58	1916706.26	540502.97	N 36 16 3.65	W 107 41 45.38
	4599.91	0.35	320.27	4573.28	-209.86	288.87	282.81	0.21	1916706.59	540502.79	N 36 16 3.65	W 107 41 45.38
	4663.60	0.26	278.22	4636.97	-209.56	289.04	282.55	0.37	1916706.76	540502.52	N 36 16 3.65	W 107 41 45.38
	4727.41	0.35	242.31	4700.78	-209.27	288.97	282.23	0.32	1916706.69	540502.21	N 36 16 3.65	W 107 41 45.39
	4790.48	0.26	257.84	4763.85	-208.99	288.85	281.92	0.19	1916706.57	540501.90	N 36 16 3.65	W 107 41 45.39
	4852.39	0.35	227.69	4825.75	-208.76	288.70	281.64	0.29	1916706.41	540501.62	N 36 16 3.65	W 107 41 45.39

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Last MWD Survey Pilot	4914.77	0.53	230.06	4888.13	-208.48	288.38	281.28	0.29	1916706.10	540501.26	N 36 16 3.64	W 107 41 45.40
	5022.00	9.15	310.94	4994.90	-200.62	293.66	274.45	8.47	1916711.37	540494.42	N 36 16 3.70	W 107 41 45.48
	5050.00	12.22	313.85	5022.41	-196.10	297.18	270.63	11.13	1916714.88	540490.59	N 36 16 3.73	W 107 41 45.53
	5081.00	15.39	314.01	5052.51	-189.75	302.31	265.30	10.23	1916720.00	540485.26	N 36 16 3.78	W 107 41 45.59
	5112.00	17.50	313.08	5082.24	-182.18	308.35	258.94	6.86	1916726.03	540478.89	N 36 16 3.84	W 107 41 45.67
	5144.00	20.05	311.53	5112.54	-173.19	315.27	251.31	8.12	1916732.95	540471.26	N 36 16 3.91	W 107 41 45.76
	5207.00	24.97	310.50	5170.72	-151.87	331.08	233.11	7.83	1916748.72	540453.03	N 36 16 4.07	W 107 41 45.99
	5239.00	26.29	310.79	5199.57	-139.60	340.10	222.60	4.14	1916757.73	540442.52	N 36 16 4.16	W 107 41 46.11
	5271.00	28.84	310.77	5227.94	-126.48	349.77	211.39	7.97	1916767.38	540431.29	N 36 16 4.25	W 107 41 46.25
	5302.00	31.66	311.13	5254.71	-112.67	360.00	199.60	9.12	1916777.60	540419.49	N 36 16 4.35	W 107 41 46.40
	5332.00	34.12	311.68	5279.90	-98.33	370.78	187.38	8.26	1916788.36	540407.25	N 36 16 4.46	W 107 41 46.54
	5363.00	36.76	311.92	5305.16	-82.56	382.76	173.99	8.53	1916800.32	540393.84	N 36 16 4.58	W 107 41 46.71
	5395.00	40.10	311.66	5330.22	-65.11	396.01	159.16	10.45	1916813.55	540378.99	N 36 16 4.71	W 107 41 46.89
	5426.00	43.62	312.43	5353.31	-47.01	409.87	143.80	11.47	1916827.38	540363.62	N 36 16 4.85	W 107 41 47.08
	5457.00	46.87	312.45	5375.13	-27.82	424.72	127.56	10.48	1916842.21	540347.36	N 36 16 4.99	W 107 41 47.28
	5488.00	50.83	310.90	5395.53	-7.32	440.23	110.12	13.32	1916857.69	540329.90	N 36 16 5.15	W 107 41 47.49
	5520.00	54.43	308.84	5414.95	15.39	456.52	90.60	12.36	1916873.95	540310.36	N 36 16 5.31	W 107 41 47.73
	5551.00	57.33	307.50	5432.33	38.64	472.37	70.42	10.02	1916889.78	540290.16	N 36 16 5.46	W 107 41 47.97
	5583.00	59.18	306.91	5449.17	63.48	488.83	48.75	5.99	1916906.20	540268.46	N 36 16 5.63	W 107 41 48.24
	5614.00	61.29	306.75	5464.56	88.12	504.96	27.21	6.82	1916922.30	540246.91	N 36 16 5.79	W 107 41 48.50
	5645.00	64.37	306.46	5478.71	113.41	521.40	5.07	9.97	1916938.71	540224.75	N 36 16 5.95	W 107 41 48.77
	5677.00	66.74	306.44	5491.95	140.16	538.71	-18.36	7.41	1916955.98	540201.29	N 36 16 6.12	W 107 41 49.06
	5708.00	68.68	306.23	5503.71	166.52	555.70	-41.46	6.29	1916972.94	540178.17	N 36 16 6.29	W 107 41 49.34
	5740.00	72.55	306.22	5514.33	194.28	573.53	-65.81	12.09	1916990.74	540153.80	N 36 16 6.46	W 107 41 49.64
	5771.00	75.80	306.29	5522.78	221.70	591.17	-89.86	10.49	1917008.34	540129.73	N 36 16 6.64	W 107 41 49.93
	5803.00	78.08	306.66	5530.01	250.32	609.70	-114.92	7.21	1917026.83	540104.64	N 36 16 6.82	W 107 41 50.24
	5834.00	81.07	306.97	5535.62	278.23	627.97	-139.33	9.70	1917045.06	540080.21	N 36 16 7.00	W 107 41 50.53
7"	5866.00	84.50	306.85	5539.64	307.28	647.03	-164.71	10.73	1917064.09	540054.80	N 36 16 7.19	W 107 41 50.84
	5924.00	87.55	304.32	5543.66	360.74	680.69	-211.75	6.82	1917097.68	540007.71	N 36 16 7.52	W 107 41 51.42
	5963.00	89.60	302.63	5544.63	397.29	702.20	-244.27	6.82	1917119.14	539975.17	N 36 16 7.74	W 107 41 51.82
	5993.00	89.87	302.80	5544.77	425.55	718.41	-269.51	1.06	1917135.31	539949.91	N 36 16 7.90	W 107 41 52.12
	6024.00	90.31	301.66	5544.72	454.84	734.94	-295.74	3.94	1917151.81	539923.66	N 36 16 8.06	W 107 41 52.44
	6086.00	89.87	302.24	5544.63	513.52	767.75	-348.34	1.17	1917184.54	539871.01	N 36 16 8.39	W 107 41 53.09
	6148.00	91.45	302.63	5543.91	572.03	801.00	-400.67	2.62	1917217.71	539818.65	N 36 16 8.71	W 107 41 53.73
	6208.00	91.45	300.14	5542.39	628.98	832.24	-451.87	4.15	1917248.87	539767.41	N 36 16 9.02	W 107 41 54.35
	6269.00	91.36	296.42	5540.90	687.83	861.12	-505.56	6.10	1917277.68	539713.68	N 36 16 9.31	W 107 41 55.01
	6331.00	91.71	293.44	5539.24	748.49	887.24	-561.76	4.84	1917303.72	539657.45	N 36 16 9.57	W 107 41 55.69
	6392.00	91.71	290.19	5537.42	808.75	909.90	-618.36	5.33	1917326.30	539600.82	N 36 16 9.79	W 107 41 56.38
	6453.00	92.07	288.36	5535.40	869.37	930.02	-675.90	3.06	1917346.34	539543.25	N 36 16 9.99	W 107 41 57.09
	6514.00	91.54	287.00	5533.48	930.14	948.54	-733.99	2.39	1917364.77	539485.14	N 36 16 10.17	W 107 41 57.80
	6576.00	93.03	285.66	5531.01	991.99	965.96	-793.44	3.23	1917382.10	539425.68	N 36 16 10.35	W 107 41 58.52
	6637.00	92.86	285.55	5527.88	1052.85	982.35	-852.11	0.33	1917398.41	539366.98	N 36 16 10.51	W 107 41 59.24
	6699.00	92.07	282.85	5525.21	1114.78	997.54	-912.16	4.53	1917413.51	539306.92	N 36 16 10.66	W 107 41 59.97
	6763.00	91.45	278.81	5523.24	1178.68	1009.56	-974.97	6.38	1917425.44	539244.10	N 36 16 10.78	W 107 42 0.74
	6825.00	91.36	276.49	5521.72	1240.38	1017.81	-1036.40	3.74	1917433.60	539182.66	N 36 16 10.86	W 107 42 1.49
	6888.00	91.28	276.52	5520.27	1302.94	1024.94	-1098.98	0.14	1917440.65	539120.08	N 36 16 10.93	W 107 42 2.25
	6951.00	91.19	275.81	5518.91	1365.46	1031.71	-1161.60	1.14	1917447.33	539057.46	N 36 16 11.00	W 107 42 3.02
	7014.00	91.80	274.66	5517.27	1427.85	1037.45	-1224.31	2.07	1917452.98	538994.74	N 36 16 11.05	W 107 42 3.78

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (*/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	7078.00	91.80	271.50	5515.26	1490.83	1040.89	-1288.18	4.94	1917456.33	538930.87	N 36 16 11.09	W 107 42 4.56
	7141.00	91.45	269.50	5513.47	1552.28	1041.44	-1351.15	3.22	1917456.79	538867.91	N 36 16 11.09	W 107 42 5.33
	7204.00	92.42	269.47	5511.34	1613.47	1040.87	-1414.11	1.54	1917456.14	538804.95	N 36 16 11.09	W 107 42 6.10
	7267.00	91.63	269.19	5509.12	1674.61	1040.14	-1477.07	1.33	1917455.31	538742.00	N 36 16 11.08	W 107 42 6.87
	7330.00	91.54	268.49	5507.38	1735.64	1038.86	-1540.03	1.12	1917453.95	538679.05	N 36 16 11.07	W 107 42 7.64
	7393.00	91.54	268.43	5505.68	1796.57	1037.17	-1602.98	0.10	1917452.17	538616.10	N 36 16 11.05	W 107 42 8.41
	7455.00	91.98	269.45	5503.78	1856.65	1036.02	-1664.94	1.79	1917450.93	538554.15	N 36 16 11.04	W 107 42 9.16
	7520.00	90.84	268.90	5502.18	1919.71	1035.09	-1729.91	1.95	1917449.91	538489.18	N 36 16 11.03	W 107 42 9.96
	7583.00	91.98	270.22	5500.63	1980.94	1034.60	-1792.89	2.77	1917449.33	538426.21	N 36 16 11.02	W 107 42 10.73
	7645.00	91.54	270.57	5498.72	2041.38	1035.03	-1854.86	0.91	1917449.67	538364.25	N 36 16 11.03	W 107 42 11.48
	7707.00	91.01	270.57	5497.34	2101.89	1035.65	-1916.84	0.85	1917450.20	538302.27	N 36 16 11.03	W 107 42 12.24
	7770.00	91.80	270.86	5495.80	2163.40	1036.43	-1979.82	1.34	1917450.90	538239.30	N 36 16 11.04	W 107 42 13.01
	7833.00	91.28	271.24	5494.11	2224.98	1037.59	-2042.78	1.02	1917451.96	538176.34	N 36 16 11.05	W 107 42 13.78
	7897.00	92.51	270.20	5491.99	2287.45	1038.39	-2106.74	2.52	1917452.68	538112.38	N 36 16 11.06	W 107 42 14.56
	7961.00	92.24	270.29	5489.34	2349.79	1038.66	-2170.69	0.44	1917452.86	538048.44	N 36 16 11.06	W 107 42 15.34
	8024.00	91.71	270.38	5487.17	2411.19	1039.03	-2233.65	0.85	1917453.14	537985.49	N 36 16 11.07	W 107 42 16.11
	8087.00	91.28	270.87	5485.52	2472.68	1039.72	-2296.62	1.03	1917453.74	537922.52	N 36 16 11.07	W 107 42 16.88
	8151.00	92.07	270.92	5483.65	2535.20	1040.72	-2360.59	1.24	1917454.65	537858.56	N 36 16 11.08	W 107 42 17.66
	8214.00	92.42	271.60	5481.18	2596.81	1042.10	-2423.52	1.21	1917455.94	537795.62	N 36 16 11.10	W 107 42 18.43
	8277.00	91.71	271.25	5478.91	2658.46	1043.67	-2486.46	1.26	1917457.42	537732.69	N 36 16 11.11	W 107 42 19.20
	8339.00	91.36	271.60	5477.25	2719.15	1045.21	-2548.42	0.80	1917458.87	537670.73	N 36 16 11.13	W 107 42 19.95
	8402.00	91.80	271.99	5475.52	2780.90	1047.18	-2611.36	0.93	1917460.76	537607.79	N 36 16 11.15	W 107 42 20.72
	8465.00	91.45	272.08	5473.73	2842.70	1049.42	-2674.30	0.57	1917462.91	537544.86	N 36 16 11.17	W 107 42 21.49
	8528.00	90.66	272.03	5472.57	2904.52	1051.68	-2737.25	1.26	1917465.08	537481.91	N 36 16 11.19	W 107 42 22.26
	8591.00	90.92	268.99	5471.70	2965.98	1052.24	-2800.23	4.84	1917465.55	537418.93	N 36 16 11.20	W 107 42 23.03
	8654.00	91.89	268.74	5470.16	3027.03	1050.99	-2863.20	1.59	1917464.21	537355.97	N 36 16 11.18	W 107 42 23.80
	8718.00	91.19	268.29	5468.44	3088.93	1049.33	-2927.15	1.30	1917462.46	537292.02	N 36 16 11.17	W 107 42 24.58
	8780.00	90.75	268.67	5467.39	3148.91	1047.69	-2989.12	0.94	1917460.73	537230.06	N 36 16 11.15	W 107 42 25.33
	8842.00	91.89	268.23	5465.96	3208.87	1046.01	-3051.08	1.97	1917458.97	537168.11	N 36 16 11.14	W 107 42 26.09
	8905.00	91.36	267.97	5464.17	3269.70	1043.92	-3114.02	0.94	1917456.79	537105.18	N 36 16 11.11	W 107 42 26.86
	8968.00	91.54	267.98	5462.58	3330.49	1041.70	-3176.96	0.29	1917454.48	537042.25	N 36 16 11.09	W 107 42 27.63
	9031.00	91.36	268.01	5460.98	3391.29	1039.49	-3239.90	0.29	1917452.19	536979.31	N 36 16 11.07	W 107 42 28.40
	9094.00	91.10	267.98	5459.63	3452.09	1037.29	-3302.85	0.42	1917449.89	536916.38	N 36 16 11.05	W 107 42 29.16
	9190.00	91.71	268.33	5457.28	3544.81	1034.20	-3398.77	0.73	1917446.67	536820.47	N 36 16 11.02	W 107 42 30.34
	9254.00	91.54	268.34	5455.46	3606.66	1032.34	-3462.72	0.27	1917444.72	536756.53	N 36 16 11.00	W 107 42 31.12
	9317.00	90.66	269.52	5454.25	3667.73	1031.17	-3525.69	2.34	1917443.46	536693.56	N 36 16 10.99	W 107 42 31.89
	9379.00	90.92	269.65	5453.40	3728.00	1030.72	-3587.69	0.47	1917442.92	536631.57	N 36 16 10.98	W 107 42 32.64
	9442.00	90.75	270.61	5452.48	3789.38	1030.86	-3650.68	1.55	1917442.97	536568.59	N 36 16 10.98	W 107 42 33.41
	9506.00	90.84	270.48	5451.59	3851.84	1031.47	-3714.67	0.25	1917443.49	536504.60	N 36 16 10.99	W 107 42 34.19
	9569.00	90.84	270.23	5450.67	3913.28	1031.86	-3777.66	0.40	1917443.79	536441.61	N 36 16 10.99	W 107 42 34.96
	9633.00	90.92	270.33	5449.69	3975.67	1032.17	-3841.65	0.20	1917444.02	536377.63	N 36 16 11.00	W 107 42 35.74
	9696.00	91.98	271.51	5448.09	4037.22	1033.18	-3904.62	2.52	1917444.94	536314.66	N 36 16 11.01	W 107 42 36.51
	9759.00	90.57	271.52	5446.69	4098.92	1034.85	-3967.58	2.24	1917446.52	536251.70	N 36 16 11.02	W 107 42 37.28
	9823.00	92.24	272.07	5445.12	4161.65	1036.85	-4031.53	2.75	1917448.43	536187.76	N 36 16 11.04	W 107 42 38.06
	9886.00	91.98	271.87	5442.80	4223.42	1039.02	-4094.45	0.52	1917450.50	536124.84	N 36 16 11.06	W 107 42 38.83
	9949.00	91.63	271.38	5440.82	4285.13	1040.80	-4157.39	0.96	1917452.20	536061.90	N 36 16 11.08	W 107 42 39.60
	10011.00	89.87	270.01	5440.01	4345.66	1041.55	-4219.38	3.60	1917452.87	535999.92	N 36 16 11.09	W 107 42 40.36
	10074.00	90.75	269.98	5439.66	4407.02	1041.55	-4282.38	1.40	1917452.77	535936.92	N 36 16 11.09	W 107 42 41.13
	10138.00	90.48	269.04	5438.98	4469.22	1041.00	-4346.37	1.53	1917452.13	535872.94	N 36 16 11.08	W 107 42 41.91

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	10201.00	89.87	268.17	5438.79	4530.20	1039.47	-4409.35	1.69	1917450.51	535809.97	N 36 16 11.07	W 107 42 42.68
	10264.00	89.43	268.10	5439.17	4591.06	1037.42	-4472.32	0.71	1917448.37	535747.01	N 36 16 11.05	W 107 42 43.45
	10286.00	89.52	268.20	5439.37	4612.31	1036.71	-4494.31	0.61	1917447.63	535725.02	N 36 16 11.04	W 107 42 43.71
Straight Line Projection to Bit Depth	10349.00	89.52	268.20	5439.90	4673.19	1034.73	-4557.27	0.00	1917445.56	535662.06	N 36 16 11.02	W 107 42 44.48

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	15.000		8.750	7.000	SLB_MWD-STD-Depth Only	Pilot / WPX Lybrook 24-8-32 #201H Pilot MWD 0' to 6000'
	15.000	460.040	1/98.425	8.750	7.000	SLB_MWD-STD	Pilot / WPX Lybrook 24-8-32 #201H Pilot MWD 0' to 6000'
	460.040	4914.770	Act Stns	8.750	7.000	SLB_MWD-STD	Pilot / WPX Lybrook 24-8-32 #201H Pilot MWD 0' to 6000'
	4914.770	5924.000	Act Stns	8.750	7.000	SLB_MWD-STD	ST01 / WPX Lybrook 24-8-32 #201H ST01 MWD 0' to 10349'
	5924.000	10286.000	Act Stns	6.125	0.000	SLB_MWD-STD	ST01 / WPX Lybrook 24-8-32 #201H ST01 MWD 0' to 10349'
	10286.000	10349.000	Act Stns	6.125	0.000	SLB_BLIND+TREND	ST01 / WPX Lybrook 24-8-32 #201H ST01 MWD 0' to 10349'