



Job Number: ☐
Company: Devon Energy
Lease/Well: NEBU 342
Location: Rio Arriba County
Rig Name: ☐
RKB: ☐
G.L. or M.S.L.: ☐

State/Country: NM
Declination: ☐
Grid: ☐
File name: C:\DATA\CUST06\SURVEYS\DEVON\06220.SVY
Date/Time: 25-Sep-06 / 10:42
Curve Name: As Drilled

30-039-29795

Inwell Inc.

Surface 305/s 230/E
Int BHL 1710/s 1091/W

M.O. - TVD 3644
4540

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 305.82

Vertical Section Referenced to Wellhead

Rectangular Coordinates Referenced to Wellhead

HOLD C104 FOR BHL Dev. survey

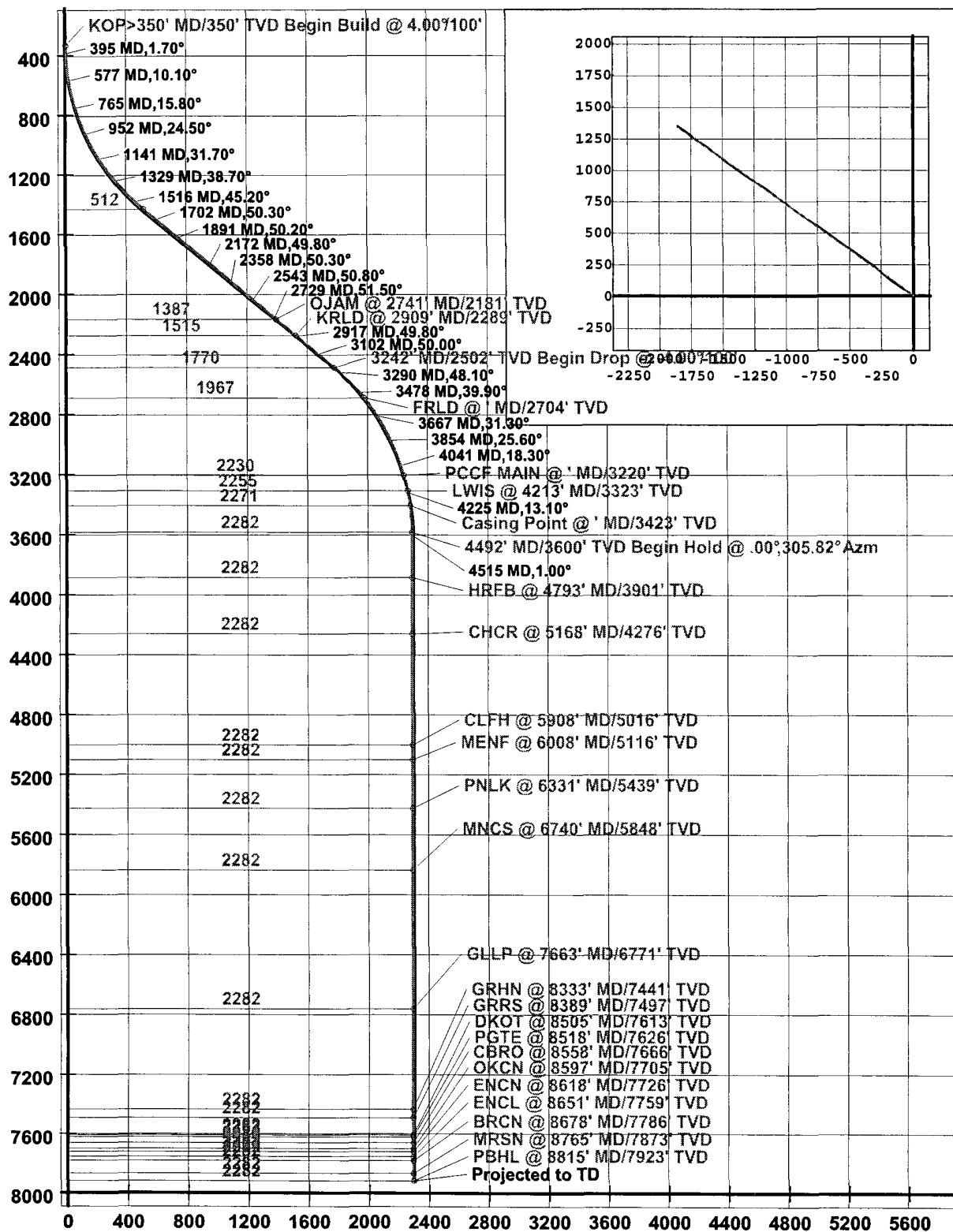
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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
303.00	.70	116.50	302.99	-1.83	-.83	1.66	1.85	116.50	.23
395.00	1.70	302.10	394.98	-1.02	-.35	1.00	1.06	109.30	2.61
485.00	6.10	304.60	484.75	5.10	3.08	-4.07	5.10	307.10	4.89
577.00	10.10	307.10	575.82	18.05	10.72	-14.53	18.06	306.42	4.36
674.00	12.10	309.10	671.00	36.71	22.26	-29.20	36.72	307.32	2.10
765.00	15.80	303.10	759.30	58.61	35.05	-46.99	58.62	306.72	4.36
858.00	20.20	301.80	847.73	87.29	50.43	-71.25	87.30	305.29	4.75
952.00	24.50	302.40	934.65	122.95	69.44	-101.52	122.99	304.37	4.58
1046.00	28.00	304.30	1018.94	164.48	92.32	-136.21	164.55	304.13	3.83
1141.00	31.70	306.80	1101.33	211.75	119.85	-174.64	211.81	304.46	4.11
1235.00	35.30	309.40	1179.70	263.57	151.90	-215.42	263.58	305.19	4.12
1329.00	38.70	308.90	1254.76	320.03	187.60	-259.29	320.03	305.89	3.63
1423.00	42.60	307.20	1326.07	381.21	225.30	-307.52	381.22	306.23	4.31
1516.00	45.20	306.10	1393.08	445.68	263.78	-359.25	445.69	306.29	2.91
1608.00	49.40	304.60	1455.46	513.27	302.86	-414.40	513.28	306.16	4.72
1702.00	50.30	305.60	1516.07	585.11	344.18	-473.18	585.12	306.03	1.26
1796.00	49.90	304.60	1576.36	657.22	385.64	-532.18	657.22	305.93	.92
1891.00	50.20	306.60	1637.37	730.04	428.04	-591.39	730.04	305.90	1.64
1983.00	50.70	305.80	1695.95	800.97	469.93	-648.63	800.98	305.92	.86
2172.00	49.80	305.90	1816.80	946.28	555.03	-766.42	946.28	305.91	.48
2264.00	50.70	305.60	1875.63	1017.02	596.36	-823.82	1017.02	305.90	1.01
2358.00	50.30	304.60	1935.42	1089.54	638.07	-883.16	1089.54	305.85	.92
2451.00	49.60	305.90	1995.27	1160.72	679.15	-941.30	1160.72	305.81	1.31
2543.00	50.80	305.60	2054.15	1231.41	720.44	-998.66	1231.41	305.81	1.33

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2635.00	50.90	306.90	2112.24	1302.75	762.63	-1056.19	1302.75	305.83	1.10
2729.00	51.50	306.40	2171.14	1376.00	806.36	-1114.97	1376.00	305.87	.76
2823.00	50.90	306.10	2230.04	1449.25	849.67	-1174.05	1449.25	305.89	.69
2917.00	49.80	301.90	2290.04	1521.56	890.15	-1234.01	1521.56	305.80	3.63
3011.00	49.90	306.30	2350.67	1593.35	930.41	-1293.48	1593.35	305.73	3.58
3102.00	50.00	305.20	2409.22	1663.00	971.11	-1350.01	1663.00	305.73	.93
3196.00	50.80	306.10	2469.14	1735.43	1013.32	-1408.86	1735.43	305.73	1.13
3290.00	48.10	306.80	2530.24	1806.84	1055.75	-1466.31	1806.84	305.75	2.93
3384.00	43.80	307.30	2595.59	1874.37	1096.43	-1520.23	1874.37	305.80	4.59
3478.00	39.90	307.40	2665.59	1937.05	1134.47	-1570.08	1937.05	305.85	4.15
3572.00	36.20	305.30	2739.61	1994.97	1168.84	-1616.70	1994.97	305.87	4.17
3667.00	31.30	306.20	2818.57	2047.73	1199.64	-1659.53	2047.73	305.86	5.18
3760.00	29.60	305.60	2898.74	2094.86	1227.28	-1697.71	2094.86	305.86	1.86
3854.00	25.60	306.40	2982.03	2138.40	1252.86	-1732.94	2138.40	305.87	4.27
3948.00	22.60	306.40	3067.82	2176.78	1275.63	-1763.83	2176.78	305.88	3.19
4041.00	18.30	308.10	3154.94	2209.25	1295.26	-1789.72	2209.25	305.89	4.67
4133.00	15.90	304.10	3242.87	2236.28	1311.24	-1811.53	2236.28	305.90	2.90
4225.00	13.10	305.10	3331.93	2259.31	1324.30	-1830.49	2259.31	305.88	3.06
4262.00	11.50	307.20	3368.08	2267.19	1328.94	-1836.86	2267.19	305.89	4.49
4315.00	9.20	304.20	3420.22	2276.71	1334.52	-1844.58	2276.71	305.89	4.46
4415.00	5.00	304.20	3519.43	2289.06	1341.46	-1854.80	2289.06	305.88	4.20
4515.00	1.00	304.20	3619.27	2294.29	1344.40	-1859.13	2294.29	305.87	4.00
4540.00	.00	304.20	3644.27	2294.51	1344.53	-1859.31	2294.51	305.87	4.00
Projected to TD									
8815.00	.00	3.00	7919.27	2294.51	1344.53	-1859.31	2294.51	305.87	.00

INWELL INC.





DIRECTIONAL SURVEY CERTIFICATION

RE: Devon (Operator)

NEBU 342 (Well Name & No.)

Section 17 Twp. 30 N Range 07 W

Well File No. 30-039-29795

I, Andres Puente, having personal knowledge of all the facts, hereby certify that the attached directional surveys for the NEBU 342 well run from measured depth of 303 feet to a measured depth of 4,262 feet, respectively, are true and correct as determined from all available records.

Andres Puente Well Planner Nevis Energy Services, Inc
Signature Title Company

State of Texas
County of Harris

On this 11 day of September, 2006, before me personally appeared

Andres Puente to me known as the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Patti L. May
Notary Public

06/20/09
My Commission Expires



NEVIS ENERGY SERVICES INC. SURVEY DATA CERTIFICATION



NEVIS JOB NUMBER

61154

OPERATOR

Devon Energy

WELL NAME NEBU 342

COUNTY & STATE

Rio Arriba, NM

API WELL NUMBER

30-039-29795

PROPOSED DIRECTION

305.82

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
ft	. ft	0	0	0	0	No Tie-In

FIRST SURVEY DATE	FIRST SURVEY DEPTH	INCLIN	AZIMUTH
04-Jul-06	303 ft	0.7	116.5

SURVEY INSTRUMENT TYPE
Nevis MWD

LAST SURVEY DATE	LAST SURVEY DEPTH	INCLIN	AZIMUTH
10-Jul-06	4,262 ft	11.5	307.2

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED TD SURVEY DATE	PROJECTED TD SURVEY DEPTH	INCLIN	AZIMUTH
10-Jul-06	4,315 ft	9.2	304.2

Will St John

PRINT YOUR NAME ABOVE

Will St. John

SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	10.45
DECLINATION OR GRID	

11-Jul-06

TODAY'S DATE

MWD SUPERVISOR 1

Will St John

DIRECTIONAL DRILLER 1

Freddie Harriel

MWD SUPERVISOR 2

0

DIRECTIONAL DRILLER 2

0

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