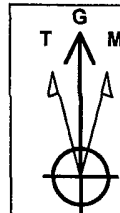




Project: Eddy County
 Site: Nash Unit #39H
 Well: Nash Unit #39H
 Wellbore: OH
 Plan: plan #6 (Nash Unit #39H/OH)

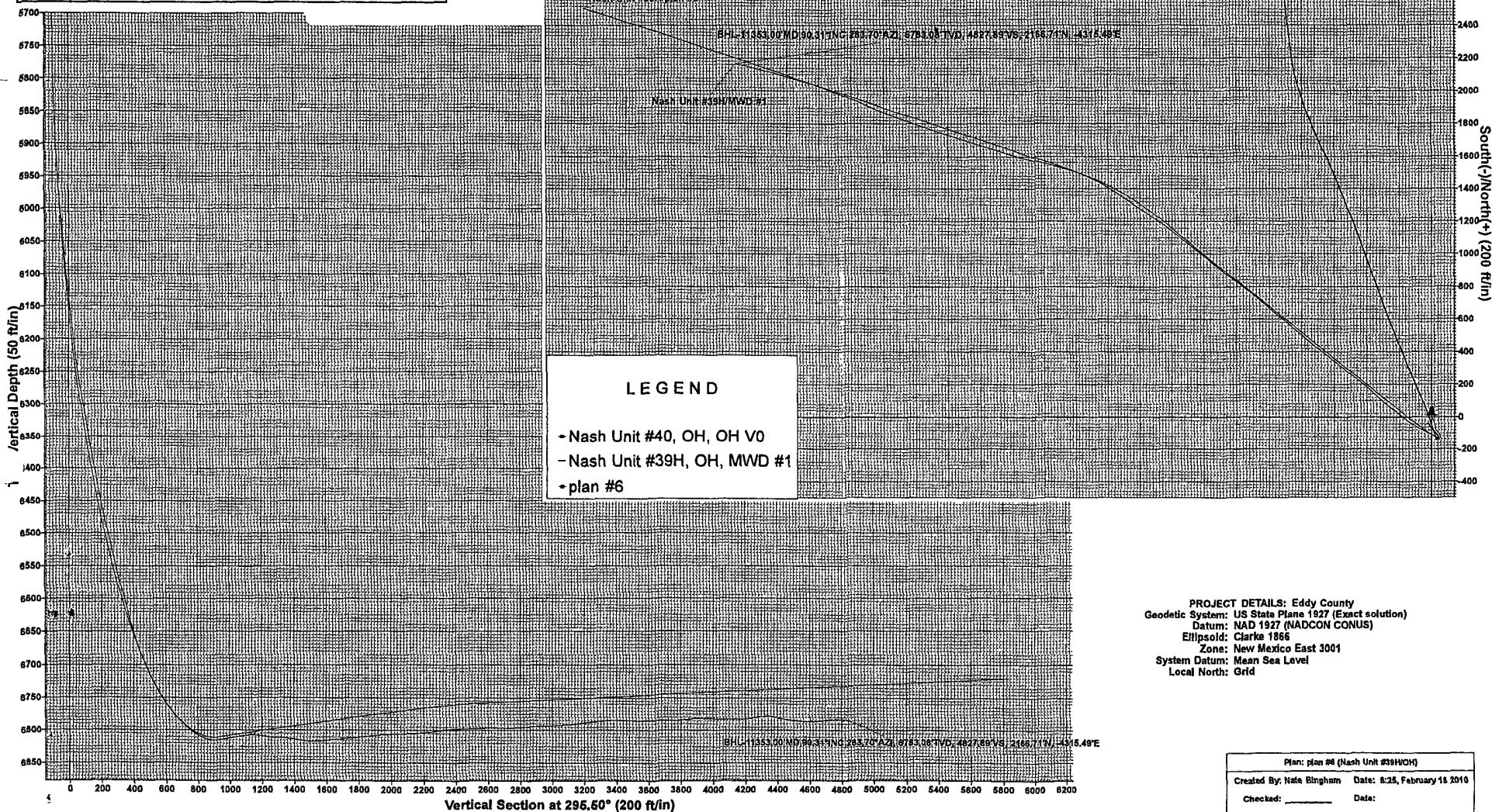


Azimuths to Grid North
 True North: -0.21°
 Magnetic North: 7.73°
 Magnetic Field
 Strength: 48822.2snT
 Dip Angle: 60.26°
 Date: 11/18/2009
 Model: IGRF200510

PATHFINDER

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	5607.00	6.88	287.08	583.58	-128.78	-43.28	0.50	0.50	-84.83	
2	6726.34	80.00	308.67	8583.72	117.89	-398.30	4.77	24.00	321.83	
3	7404.40	91.98	308.47	8810.00	810.14	-788.43	6.18	0.00	932.16	
4	7413.48	91.88	308.88	8809.88	818.78	-798.48	0.10	72.35	840.86	
5	8502.71	91.89	308.88	8772.00	1196.12	-1546.32	0.00	0.00	2006.91	Nash39(2000)
6	9187.41	90.65	288.17	8756.10	1520.20	-2245.10	3.00	-63.44	2680.89	
7	12368.78	90.65	288.17	8720.00	2811.62	-5284.88	0.00	0.00	5833.06	Nash39(8833'V6)

WELL DETAILS: Nash Unit #39H						
Ground Elevation: 2883.00						
RKB Elevation: WELL @ 3000.00ft (Norton #2-17' RKB)						
Rig Name: Norton #2-17' RKB						
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Spot
8.00	5.00	478961.900	821187.900	32° 19' 6.128 N	103° 58' 27.727 W	



PROJECT DETAILS: Eddy County
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level
 Local North: Grid

Plan: plan #6 (Nash Unit #39H/OH)	
Created By: Nate Blingham	Date: 8/28, February 18 2010
Checked: _____	Date: _____



Scientific Drilling

Gyroscopic Survey Report
for
XTO ENERGY

Well Location	EDDY COUNTY, NEW MEXICO
Well Name	NASH UNIT #39H
Rig Name	McVAY #7
Survey Date	1/30/2010
Latitude	32.32 deg
North Reference	Grid North
Grid Correction	-0.21 deg
Depth Reference	RKB
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 293.83Azim (deg)
Definitive Survey	FINAL OUTFRAN SURVEY
Operator	A.MADRID

Comments



Survey Report

Well Name: NASH UNIT #39H
 Survey: FINAL OUTFRAN SURVEY
 Survey Date: 1/30/2010

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.75	104.82	100.00	-0.65	-0.17	0.63	0.75	0.65	104.82
200.00	0.68	147.50	199.99	-1.78	-0.83	1.58	0.52	1.79	117.75
300.00	0.74	154.01	299.98	-2.77	-1.91	2.18	0.11	2.90	131.23
400.00	0.73	149.35	399.97	-3.78	-3.04	2.79	0.06	4.13	137.47
500.00	1.00	151.81	499.96	-4.99	-4.36	3.53	0.27	5.61	141.02
600.00	1.13	146.44	599.95	-6.50	-5.95	4.48	0.16	7.45	142.99
700.00	1.54	149.22	699.92	-8.42	-7.92	5.71	0.42	9.76	144.19
800.00	2.12	148.62	799.87	-11.04	-10.65	7.36	0.58	12.95	145.34
900.00	2.98	153.49	899.77	-14.56	-14.56	9.49	0.89	17.37	146.91
1000.00	4.09	156.03	999.58	-19.20	-20.14	12.09	1.12	23.49	149.01
1100.00	4.66	158.02	1099.28	-24.75	-27.16	15.06	0.59	31.06	150.99
1200.00	4.20	159.07	1198.98	-30.25	-34.35	17.89	0.46	38.73	152.49
1300.00	3.85	162.61	1298.74	-35.04	-40.98	20.21	0.43	45.69	153.75
1400.00	3.59	161.80	1398.53	-39.35	-47.17	22.19	0.26	52.12	154.80
1500.00	2.90	166.99	1498.37	-42.97	-52.60	23.74	0.76	57.71	155.71
1600.00	2.35	167.07	1598.26	-45.71	-57.07	24.77	0.55	62.21	156.54
1700.00	2.23	170.47	1698.18	-48.01	-60.98	25.55	0.18	66.12	157.27
1800.00	1.90	173.52	1798.12	-49.91	-64.55	26.06	0.34	69.61	158.02
1900.00	1.93	178.52	1898.06	-51.47	-67.88	26.29	0.17	72.79	158.83
2000.00	1.94	182.85	1998.00	-52.79	-71.25	26.25	0.15	75.93	159.78
2100.00	1.20	192.72	2097.96	-53.60	-73.96	25.93	0.78	78.38	160.68
2200.00	0.97	189.40	2197.95	-54.02	-75.82	25.56	0.24	80.02	161.37
2300.00	1.26	143.06	2297.93	-55.19	-77.54	26.08	0.92	81.81	161.41
2400.00	2.29	136.42	2397.88	-58.00	-79.87	28.13	1.05	84.68	160.60
2500.00	2.73	132.08	2497.78	-62.12	-82.92	31.28	0.48	88.63	159.33
2600.00	2.70	134.82	2597.67	-66.58	-86.18	34.72	0.13	92.91	158.06
2700.00	3.16	141.34	2697.54	-71.22	-89.99	38.11	0.56	97.73	157.05
2800.00	3.17	143.50	2797.39	-76.06	-94.36	41.48	0.12	103.08	156.27
2900.00	2.93	145.63	2897.25	-80.63	-98.69	44.56	0.27	108.29	155.70
3000.00	2.30	148.06	2997.14	-84.46	-102.50	47.06	0.64	112.79	155.34
3100.00	1.55	157.77	3097.09	-87.09	-105.46	48.63	0.81	116.13	155.24
3200.00	1.13	156.55	3197.06	-88.79	-107.61	49.54	0.43	118.47	155.28
3300.00	1.01	159.43	3297.04	-90.13	-109.34	50.24	0.13	120.33	155.32
3400.00	0.84	149.06	3397.03	-91.35	-110.79	50.93	0.24	121.94	155.31
3500.00	0.77	148.37	3497.02	-92.50	-111.99	51.66	0.07	123.33	155.24
3600.00	0.82	151.49	3597.01	-93.62	-113.19	52.35	0.06	124.71	155.18
3700.00	0.67	166.27	3697.00	-94.54	-114.39	52.83	0.24	126.00	155.21
3800.00	0.67	159.82	3796.99	-95.30	-115.51	53.17	0.08	127.16	155.28



Well Name:		NASH UNIT #39H								
Survey:		FINAL OUTFURN SURVEY								
Survey Date:		1/30/2010								
MD	Inc	Azim	TVD	VS	Northing	Easting	DLS	Closure Distance	Closure Angle	
ft	deg	deg	ft	ft	ft	ft	deg/100ft	ft	deg	
3900.00	0.63	170.26	3896.99	-96.02	-116.60	53.46	0.12	128.27	155.37	
4000.00	0.66	165.15	3996.98	-96.68	-117.70	53.71	0.06	129.38	155.47	
4100.00	0.57	170.20	4096.97	-97.32	-118.75	53.94	0.11	130.42	155.57	
4200.00	0.74	165.21	4196.97	-97.99	-119.86	54.19	0.18	131.54	155.67	
4300.00	0.42	158.31	4296.96	-98.66	-120.82	54.49	0.33	132.54	155.73	
4400.00	0.37	147.62	4396.96	-99.18	-121.43	54.79	0.09	133.22	155.71	
4500.00	0.29	193.48	4496.96	-99.50	-121.95	54.91	0.27	133.74	155.76	
4600.00	0.16	193.01	4596.96	-99.57	-122.33	54.82	0.13	134.05	155.86	
4700.00	0.06	237.08	4696.96	-99.57	-122.49	54.75	0.12	134.16	155.92	
4800.00	0.10	220.07	4796.96	-99.51	-122.58	54.65	0.05	134.21	155.97	
4900.00	0.19	249.20	4896.96	-99.37	-122.71	54.43	0.11	134.24	156.08	
5000.00	0.10	235.79	4996.96	-99.20	-122.82	54.20	0.09	134.25	156.19	
5100.00	0.16	208.90	5096.96	-99.15	-122.99	54.06	0.08	134.35	156.27	
5200.00	0.34	198.74	5196.96	-99.16	-123.39	53.90	0.18	134.65	156.40	
5300.00	0.55	183.46	5296.95	-99.35	-124.15	53.78	0.24	135.30	156.58	
5400.00	0.76	191.40	5396.95	-99.66	-125.28	53.62	0.23	136.27	156.83	
5500.00	0.90	199.43	5496.94	-99.87	-126.68	53.23	0.18	137.40	157.21	
5600.00	1.39	212.38	5596.92	-99.75	-128.44	52.31	0.55	138.69	157.84	
5667.00	1.51	224.49	5663.89	-99.32	-129.76	51.26	0.49	139.52	158.44	