

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APL) for such proposals

FORM APPROVED
OMB NO 1004-0135
EXPIRES: March 31, 2007

SUBMIT IN TRIPLICATE

1a. Type of Well	☒ Oil Well	☐ Gas Well	☐ Other _____
2. Name of Operator	DEVON ENERGY PRODUCTION COMPANY, LP		
3. Address and Telephone No.	20 North Broadway, Oklahoma City, OK 73102-8260 405-552-8198		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*	SL: 1770 FNL 2525 FWL F 8 18S 27E BHL: 2306' FNL 330' FWL E 8 18S 27E		

5. Lease Serial No.	NM LC-070678-A
6. If Indian, Allottee or Tribe Name	
7. Unit or CA Agreement Name and No	
8. Well Name and No.	Condor 8 Federal
9. API Well No.	30-015-35829
10. Field and Pool, or Exploratory	<i>Red Lake</i> Yeso
11. County or Parish State	Eddy NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Completion Report
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepen directionally or recomple horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

4/11/08 Move in pulling unit.
4/14/09 RU TIH with guns and perforate Yeso at 3975'-4741'; 44 total 0.42 EHD shots. TOOH with tubing and guns.
4/15/08 TIH with packer and tubing. RU and spotted 18 bbls 15% HCl acid across perfs. Pulled packer up to 2604' and set. Acidized Yeso with 4500 gallons 15% HCl acid. RD Flow well back.
4/16/08 TOOH with tubing and packer. RD.
4/17/08 RU. Test frac lines to 6000 psi - ok. Frac with 57,204 gallons fresh water, 256,299 gallons 10# Brine + 8,111 # 20/40 White Sand, 30,099 # 20/40 Lite Prop 125 sand and 51,337 # 16/30 Siberprop sand. Ran 5 1/2 composite frac plug and perforating guns. TIH to 2760'. Pumped frac plug down to 3945'. Pulled up to 3925' and set frac plug. Pulled up and perforated horizontal heel section of Yeso pay at 3147'-3881'; 44 total 0 42 EHD holes. TOOH with guns. Dropped Frac plug and pumped 3000 gallons 15% HCl.
4/18/08 Frac 2nd stage: pumped 323 bbls fresh water pad, 73 bbls 1/4# sand stage and 152 bbls flush. RD crew
4/19/08 ND frac valve NU BOP. Pushed sand in horizontal section at 3419'. Washed out to frac plug. Recovered 3 sacks Circulate hole clean. TOOH.
4/21/08 TIH with 5 1/2" hydraulic set CIBP on tubing and set at 3912'. Pulled tubing to 3898'. Spotted 1000 gallons 15% HCl from 3898' up to 2871'. TOOH with tools. TIH with guns and re-perforate heel section at 3147'-3881', total 44 shots TOOH with guns. RIH with treating packer and set at 2286'.
4/22/08 Acidize (3146'-3881') with 4500 gallons 15% HCl.
4/23/08 Released packer and TOOH with tubing and packer. ND BOP and NU frac valve.
4/24/08 Frac 3146'-3881' with 84,970 gallons fresh water, 278,376 gallons 10# Brine water, 2,250# 100 Mesh sand, 3,087 # 20/40 White sand, 19,470# 20/40 Lite Prop 125 sand and 35,783 # 16/30 Siber Prop.
4/28/08 ND frac valve and NU BOP TIH with bit and tubing Drilled out both composite bridge plugs (3,912' and 3295') Circulated hole clean. TOOH with bit.
4/29/08 TIH with seating nipple on tubing. Swab well.
5/02/08 ND wellhead and NU BOP. TOOH with tubing. ND BOP. NU sub pump heads and BOPs.
5/05/08 TIH with sub pump on tubing. ND BOPs and NU wellhead.
5/06/08 RD pulling unit and released all equipment. Producing to frac tanks.
5/07/08 Turn well to production.

14. I hereby certify that the foregoing is true and correct

Signed 

Name Norvella Adams
Title Senior Staff Engineering Technician

Date 7/7/2008

(This space for Federal or State Office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any.

Accepted for record
NMOCD

This is U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations to any matter within its jurisdiction

*See Instruction on Reverse Side

OPERATOR
WELL/LEASE
COUNTY

DEVON ENERGY PRODUCTION CO. LP
CONDOR 8 FED. 1H
EDDY

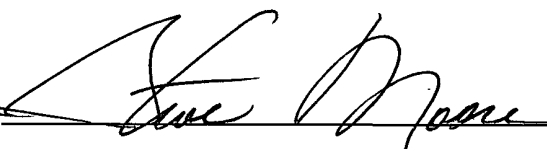
493-5180

STATE OF NEW MEXICO
DEVIATION REPORT

255	0.50
469	0.25
580	0.75
876	1.00
1,131	1.00
1,426	0.75
1,893	1.25
2,189	0.75
2,720	0.75
3,016	0.75
3,260	0.75

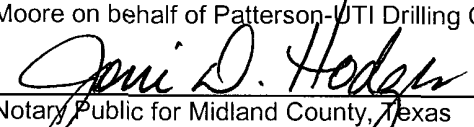
STATE OF TEXAS

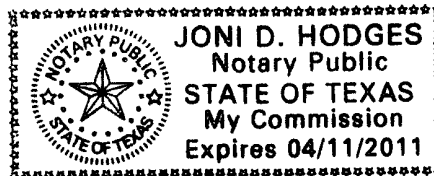
COUNTY OF MIDLAND

BY 

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

April 11, 2008, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



OPERATOR
WELL/LEASE
COUNTY

DEVON ENERGY PRODUCTION CO. LP
CONDOR 8 FED. 1H
EDDY

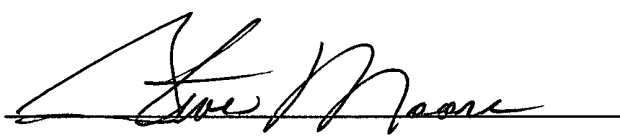
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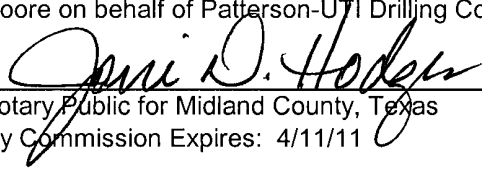
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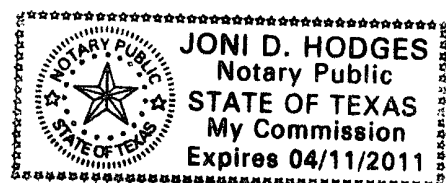
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Actual Wellpath Report

No. 1H AWP REV

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No. 1H_SHL
Area	Eddy County, NM	Well	No.1H
Field	(Condor) Section 8 T18S R27E	Wellbore	No. 1H AWB
Facility	Condor 8 Federal #1H	Sidetrack from	No. 1H AWB OH at 1800.00 MD

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999909	Report Generated	3/31/2008 at 9:04:14 AM
Convergence at slot	0.02° East	Database/Source file	WA_Midland/No._1H_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	551298.87	641922.93	32°45'52.837"N	104°18'03.337"W
Facility Reference Pt			551298.87	641922.93	32°45'52.837"N	104°18'03.337"W
Field Reference Pt			551298.87	641922.93	32°45'52.837"N	104°18'03.337"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on #1H_SHL (RT) to Facility Vertical Datum	0.00ft
Horizontal Reference Pt	Slot	Rig on #1H_SHL (RT) to GRN. ELEV.	3423.00ft
Vertical Reference Pt	Rig on #1H_SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on #1H_SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	GRN. ELEV.	Section Azimuth	256.25°



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WELLPATH DATA (98 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Comments
0.00	0.000	93.769	0.00	0.00	0.00	0.00	551298.87	641922.93	32°45'52.837"N	104°18'03.337"W	0.00	0.000	0.00	
150.00	0.366	93.769	150.00	-0.46	-0.03	0.48	551299.35	641922.90	32°45'52.836"N	104°18'03.331"W	0.48	93.769	0.24	
200.00	0.342	144.527	200.00	-0.66	-0.16	0.72	551299.59	641922.77	32°45'52.835"N	104°18'03.328"W	0.74	102.713	0.61	
300.00	0.194	178.179	300.00	-0.74	-0.58	0.90	551299.77	641922.36	32°45'52.831"N	104°18'03.326"W	1.07	122.500	0.21	
400.00	0.168	96.287	400.00	-0.84	-0.76	1.05	551299.92	641922.17	32°45'52.829"N	104°18'03.324"W	1.30	125.795	0.24	
500.00	0.299	143.928	500.00	-1.08	-0.99	1.35	551300.22	641921.94	32°45'52.827"N	104°18'03.321"W	1.68	126.104	0.22	
600.00	0.824	205.282	599.99	-0.73	-1.85	1.20	551300.07	641921.08	32°45'52.818"N	104°18'03.322"W	2.20	146.995	0.73	
700.00	0.342	270.483	699.99	0.02	-2.50	0.60	551299.47	641920.43	32°45'52.812"N	104°18'03.330"W	2.57	166.585	0.75	
750.00	0.615	230.723	749.99	0.40	-2.66	0.24	551299.11	641920.27	32°45'52.810"N	104°18'03.334"W	2.67	174.885	0.83	
900.00	1.110	207.331	899.97	2.08	-4.46	-1.05	551297.82	641918.47	32°45'52.792"N	104°18'03.349"W	4.59	193.253	0.40	
1000.00	1.263	194.592	999.95	3.24	-6.39	-1.77	551297.10	641916.54	32°45'52.773"N	104°18'03.357"W	6.63	195.511	0.30	
1050.00	1.191	195.480	1049.94	3.76	-7.43	-2.05	551296.82	641915.51	32°45'52.763"N	104°18'03.361"W	7.70	195.444	0.15	
1100.00	1.244	194.327	1099.92	4.27	-8.45	-2.32	551296.55	641914.48	32°45'52.753"N	104°18'03.364"W	8.77	195.377	0.12	
1200.00	1.198	197.946	1199.90	5.33	-10.50	-2.92	551295.96	641912.43	32°45'52.733"N	104°18'03.371"W	10.90	195.518	0.09	
1300.00	1.070	209.589	1299.88	6.52	-12.31	-3.70	551295.17	641910.63	32°45'52.715"N	104°18'03.380"W	12.85	196.728	0.26	
1400.00	1.148	206.116	1399.86	7.80	-14.02	-4.60	551294.27	641908.91	32°45'52.698"N	104°18'03.390"W	14.75	198.170	0.10	
1450.00	1.148	209.043	1449.85	8.46	-14.90	-5.06	551293.81	641908.03	32°45'52.689"N	104°18'03.396"W	15.74	198.766	0.12	
1600.00	1.074	206.577	1599.82	10.39	-17.48	-6.42	551292.45	641905.46	32°45'52.664"N	104°18'03.412"W	18.62	200.180	0.06	
1650.00	1.011	209.544	1649.82	11.00	-18.28	-6.85	551292.02	641904.65	32°45'52.656"N	104°18'03.417"W	19.52	200.543	0.17	
1700.00	1.179	202.475	1699.81	11.60	-19.14	-7.26	551291.61	641903.79	32°45'52.647"N	104°18'03.422"W	20.47	200.785	0.43	
1800.00	0.752	193.640	1799.79	12.51	-20.73	-7.81	551291.06	641902.21	32°45'52.632"N	104°18'03.428"W	22.15	200.652	0.45	
1848.00	2.200	219.000	1847.78	13.39	-21.75	-8.47	551290.40	641901.18	32°45'52.621"N	104°18'03.436"W	23.34	201.270	3.24	
1879.00	4.600	229.900	1878.72	14.98	-23.01	-9.79	551289.08	641899.92	32°45'52.609"N	104°18'03.451"W	25.01	203.050	7.98	
1912.00	6.200	235.200	1911.57	17.83	-24.88	-12.27	551286.60	641898.05	32°45'52.590"N	104°18'03.480"W	27.74	206.245	5.07	
1943.00	7.800	232.700	1942.34	21.32	-27.11	-15.32	551283.56	641895.82	32°45'52.568"N	104°18'03.516"W	31.14	209.463	5.25	
1975.00	9.600	232.000	1973.97	25.74	-30.07	-19.15	551279.73	641892.86	32°45'52.539"N	104°18'03.561"W	35.65	212.485	5.63	
2007.00	11.000	233.400	2005.45	30.99	-33.53	-23.70	551275.17	641889.40	32°45'52.505"N	104°18'03.614"W	41.06	215.251	4.44	
2039.00	12.000	239.100	2036.81	36.98	-37.06	-29.01	551269.87	641885.87	32°45'52.470"N	104°18'03.676"W	47.06	218.047	4.73	
2070.00	13.500	243.600	2067.05	43.59	-40.33	-35.01	551263.86	641882.61	32°45'52.438"N	104°18'03.747"W	53.40	220.965	5.80	
2102.00	15.200	245.400	2098.05	51.36	-43.73	-42.17	551256.70	641879.20	32°45'52.404"N	104°18'03.831"W	60.75	223.959	5.49	
2134.00	16.800	246.500	2128.81	60.04	-47.32	-50.23	551248.65	641875.61	32°45'52.369"N	104°18'03.925"W	69.01	226.705	5.09	
2165.00	18.400	250.000	2158.36	69.32	-50.78	-58.94	551239.94	641872.15	32°45'52.334"N	104°18'04.027"W	77.80	229.249	6.19	
2197.00	20.200	253.500	2188.56	79.86	-54.08	-68.98	551229.90	641868.85	32°45'52.302"N	104°18'04.144"W	87.65	231.903	6.68	
2229.00	21.600	254.900	2218.45	91.26	-57.18	-79.96	551218.91	641865.75	32°45'52.271"N	104°18'04.273"W	98.31	234.430	4.64	
2261.00	22.800	255.900	2248.08	103.35	-60.23	-91.66	551207.21	641862.71	32°45'52.241"N	104°18'04.410"W	109.68	236.692	3.93	
2292.00	24.200	256.300	2276.51	115.71	-63.20	-103.66	551195.22	641859.74	32°45'52.212"N	104°18'04.551"W	121.41	238.632	4.55	
2324.00	25.700	256.300	2305.52	129.21	-66.39	-116.78	551182.10	641856.54	32°45'52.180"N	104°18'04.704"W	134.33	240.379	4.69	
2356.00	26.200	255.600	2334.29	143.21	-69.79	-130.36	551168.52	641853.14	32°45'52.146"N	104°18'04.863"W	147.87	241.836	1.83	
2388.00	26.100	255.900	2363.02	157.32	-73.27	-144.03	551154.85	641849.67	32°45'52.112"N	104°18'05.023"W	161.59	243.038	0.52	
2420.00	25.700	258.000	2391.81	171.29	-76.42	-157.64	551141.24	641846.51	32°45'52.081"N	104°18'05.183"W	175.19	244.136	3.13	
2483.00	25.200	262.600	2448.70	198.28	-80.99	-184.31	551114.58	641841.95	32°45'52.036"N	104°18'05.495"W	201.32	246.278	3.24	
2547.00	24.000	263.000	2506.89	224.75	-84.33	-210.74	551088.15	641838.60	32°45'52.003"N	104°18'05.805"W	226.99	248.190	1.89	
2610.00	23.500	263.700	2564.55	249.92	-87.27	-235.94	551062.95	641835.67	32°45'51.974"N	104°18'06.100"W	251.57	249.701	0.91	
2673.00	24.200	261.900	2622.17	275.23	-90.47	-261.21	551037.68	641832.47	32°45'51.942"N	104°18'06.396"W	276.43	250.896	1.60	
2737.00	24.900	258.400	2680.39	301.75	-95.03	-287.40	551011.50	641827.91	32°45'51.897"N	104°18'06.702"W	302.70	251.703	2.52	

INTEQ



Actual Wellpath Report

No. 1H AWP REV

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MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Comments
2769.00	26.300	255.900	2709.25	315.57	-98.11	-300.87	550998.02	641824.83	32°45'51.867"N	104°18'06.860"W	316.47	251.940	5.53	
2801.00	29.200	253.500	2737.57	330.46	-102.06	-315.24	550983.66	641820.88	32°45'51.828"N	104°18'07.028"W	331.34	252.061	9.71	
2832.00	32.400	253.100	2764.19	346.31	-106.62	-330.44	550968.46	641816.32	32°45'51.783"N	104°18'07.206"W	347.21	252.117	10.34	
2864.00	35.500	252.800	2790.73	364.15	-111.86	-347.52	550951.38	641811.08	32°45'51.731"N	104°18'07.407"W	365.08	252.158	9.70	
2896.00	39.100	252.800	2816.18	383.50	-117.59	-366.04	550932.86	641805.35	32°45'51.674"N	104°18'07.623"W	384.47	252.190	11.25	
2927.00	42.600	253.500	2839.63	403.75	-123.47	-385.45	550913.46	641799.48	32°45'51.616"N	104°18'07.851"W	404.74	252.239	11.39	
2959.00	46.300	253.100	2862.47	426.12	-129.91	-406.91	550892.00	641793.04	32°45'51.553"N	104°18'08.102"W	427.14	252.294	11.60	
2990.00	50.300	251.700	2883.09	449.21	-136.91	-428.96	550869.95	641786.03	32°45'51.483"N	104°18'08.360"W	450.28	252.298	13.34	
3022.00	54.500	250.000	2902.61	474.44	-145.24	-452.90	550846.01	641777.71	32°45'51.401"N	104°18'08.641"W	475.62	252.220	13.78	
3054.00	58.500	248.200	2920.27	500.91	-154.76	-477.82	550821.10	641768.18	32°45'51.307"N	104°18'08.933"W	502.26	252.053	13.35	
3085.00	62.800	247.200	2935.46	527.62	-165.02	-502.81	550796.11	641757.93	32°45'51.205"N	104°18'09.225"W	529.20	251.831	14.15	
3117.00	66.900	246.500	2949.06	556.19	-176.40	-529.44	550769.48	641746.54	32°45'51.093"N	104°18'09.537"W	558.05	251.572	12.96	
3149.00	71.200	245.100	2960.50	585.57	-188.66	-556.69	550742.24	641734.29	32°45'50.972"N	104°18'09.856"W	587.78	251.279	14.04	
3181.00	75.400	244.000	2969.69	615.58	-201.83	-584.35	550714.57	641721.12	32°45'50.841"N	104°18'10.180"W	618.23	250.946	13.53	
3212.00	79.600	244.000	2976.40	645.15	-215.09	-611.55	550687.38	641707.86	32°45'50.710"N	104°18'10.499"W	648.27	250.622	13.55	
3244.00	83.500	243.300	2981.10	676.03	-229.14	-639.91	550659.02	641693.81	32°45'50.571"N	104°18'10.831"W	679.70	250.298	12.38	
3276.00	88.100	243.600	2983.44	707.14	-243.40	-668.45	550630.48	641679.55	32°45'50.430"N	104°18'11.165"W	711.38	249.992	14.41	
3308.00	92.200	244.300	2983.36	738.40	-257.45	-697.19	550601.74	641665.50	32°45'50.291"N	104°18'11.502"W	743.21	249.732	13.00	
3339.00	94.100	247.200	2981.65	768.83	-270.16	-725.41	550573.53	641652.79	32°45'50.166"N	104°18'11.832"W	774.08	249.573	11.17	
3371.00	94.400	247.900	2979.28	800.38	-282.35	-754.90	550544.04	641640.61	32°45'50.045"N	104°18'12.178"W	805.98	249.493	2.37	
3403.00	94.600	249.600	2976.77	832.00	-293.91	-784.63	550514.31	641629.05	32°45'49.931"N	104°18'12.526"W	837.87	249.465	5.33	
3434.00	95.100	252.000	2974.15	862.75	-304.07	-813.80	550485.14	641618.89	32°45'49.830"N	104°18'12.868"W	868.75	249.512	7.88	
3466.00	95.200	253.200	2971.28	894.56	-313.60	-844.21	550454.74	641609.36	32°45'49.736"N	104°18'13.224"W	900.58	249.622	3.75	
3498.00	94.400	254.500	2968.60	926.42	-322.47	-874.84	550424.11	641600.49	32°45'49.649"N	104°18'13.582"W	932.38	249.766	4.76	
3530.00	94.400	255.200	2966.14	958.31	-330.81	-905.64	550393.32	641592.15	32°45'49.566"N	104°18'13.943"W	964.16	249.934	2.18	
3561.00	94.200	256.300	2963.82	989.22	-338.42	-935.60	550363.36	641584.55	32°45'49.491"N	104°18'14.294"W	994.92	250.114	3.60	
3593.00	93.900	257.400	2961.56	1021.14	-345.68	-966.68	550332.28	641577.29	32°45'49.419"N	104°18'14.658"W	1026.63	250.323	3.55	
3625.00	93.000	258.100	2959.63	1053.07	-352.45	-997.90	550301.07	641570.51	32°45'49.352"N	104°18'15.024"W	1058.31	250.547	3.56	
3656.00	91.500	258.800	2958.42	1084.02	-358.66	-1028.24	550270.72	641564.31	32°45'49.291"N	104°18'15.379"W	1089.00	250.771	5.34	
3688.00	91.100	259.800	2957.69	1115.97	-364.60	-1059.68	550239.29	641558.37	32°45'49.232"N	104°18'15.747"W	1120.65	251.014	3.36	
3720.00	91.500	260.500	2956.97	1147.89	-370.07	-1091.20	550207.77	641552.90	32°45'49.178"N	104°18'16.116"W	1152.24	251.266	2.52	
3751.00	91.900	261.200	2956.05	1178.77	-375.00	-1121.79	550177.18	641547.97	32°45'49.130"N	104°18'16.474"W	1182.81	251.516	2.60	
3783.00	91.900	260.900	2954.98	1210.64	-379.97	-1153.38	550145.59	641542.99	32°45'49.080"N	104°18'16.844"W	1214.36	251.766	0.94	
3815.00	91.100	261.600	2954.15	1242.51	-384.84	-1185.00	550113.98	641538.13	32°45'49.032"N	104°18'17.215"W	1245.92	252.008	3.32	
3846.00	91.100	261.900	2953.55	1273.36	-389.28	-1215.67	550083.31	641533.68	32°45'48.988"N	104°18'17.574"W	1276.48	252.244	0.97	
3878.00	91.200	261.600	2952.91	1305.21	-393.88	-1247.34	550051.65	641529.09	32°45'48.943"N	104°18'17.945"W	1308.05	252.475	0.99	
3910.00	91.400	261.900	2952.18	1337.05	-398.47	-1279.00	550019.99	641524.50	32°45'48.898"N	104°18'18.315"W	1339.63	252.696	1.13	
3942.00	91.400	261.900	2951.40	1368.89	-402.97	-1310.67	549988.32	641519.99	32°45'48.853"N	104°18'18.686"W	1371.22	252.910	0.00	
3973.00	91.500	261.900	2950.62	1399.73	-407.34	-1341.35	549957.65	641515.63	32°45'48.810"N	104°18'19.046"W	1401.84	253.108	0.32	
4037.00	91.900	261.900	2948.72	1463.39	-416.35	-1404.68	549894.32	641506.61	32°45'48.721"N	104°18'19.787"W	1465.09	253.490	0.63	
4101.00	91.100	261.900	2947.04	1527.06	-425.37	-1468.02	549830.98	641497.60	32°45'48.632"N	104°18'20.529"W	1528.41	253.841	1.25	
4164.00	91.300	261.900	2945.72	1589.74	-434.24	-1530.38	549768.63	641488.73	32°45'48.544"N	104°18'21.259"W	1590.79	254.159	0.32	
4228.00	91.400	261.600	2944.22	1653.42	-443.42	-1593.70	549705.32	641479.55	32°45'48.454"N	104°18'22.001"W	1654.24	254.452	0.49	
4291.00	91.600	261.600	2942.57	1716.13	-452.62	-1656.00	549643.02	641470.35	32°45'48.363"N	104°18'22.730"W	1716.74	254.713	0.32	
4353.00	91.900	261.600	2940.67	1777.83	-461.68	-1717.31	549581.72	641461.30	32°45'48.273"N	104°18'23.448"W	1778.28	254.953	0.48	

INTEQ



Actual Wellpath Report

No. 1H AWP REV

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	No. 1H_SHL
Area	Eddy County, NM	Well	No.1H
Field	(Condor) Section 8 T18S R27E	Wellbore	No. 1H AWB
Facility	Condor 8 Federal #1H	Sidetrack from	No. 1H AWB OH at 1800.00 MD

WELLPATH DATA (98 stations) † = interpolated/extrapolated station

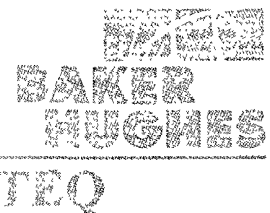
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Closure Dist [ft]	Closure Dir [°]	DLS [°/100ft]	Comments
4417.00	91.600	261.900	2938.72	1841.50	-470.86	-1780.62	549518.42	641452.12	32°45'48.183"N	104°18'24.190"W	1841.82	255.188	0.66	
4480.00	91.100	261.200	2937.24	1904.22	-480.11	-1842.91	549456.13	641442.86	32°45'48.091"N	104°18'24.919"W	1904.43	255.398	1.37	
4544.00	91.500	260.900	2935.78	1967.97	-490.07	-1906.12	549392.93	641432.91	32°45'47.993"N	104°18'25.660"W	1968.11	255.581	0.78	
4608.00	91.400	260.500	2934.16	2031.76	-500.40	-1969.26	549329.80	641422.57	32°45'47.891"N	104°18'26.399"W	2031.84	255.742	0.64	
4671.00	92.100	260.500	2932.24	2094.56	-510.80	-2031.36	549267.69	641412.18	32°45'47.788"N	104°18'27.126"W	2094.60	255.885	1.11	
4735.00	91.300	260.900	2930.34	2158.34	-521.14	-2094.49	549204.57	641401.84	32°45'47.686"N	104°18'27.866"W	2158.35	256.028	1.40	
4786.00	91.500	261.200	2929.10	2209.14	-529.07	-2144.86	549154.21	641393.91	32°45'47.608"N	104°18'28.455"W	2209.15	256.144	0.71	
4837.00†	91.500	261.200	2927.76	2259.93	-536.87	-2195.24	549103.83	641386.11	32°45'47.531"N	104°18'29.045"W	2259.93	256.258	0.00	Proj. To Bit

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
Pen Point/ Glorieta		2587.00	-71.75	-219.58	551079.31	641851.19	32°45'52.127"N	104°18'05.908"W	circle
#1H BHL		2930.00	-537.30	-2195.74	549103.33	641385.68	32°45'47.526"N	104°18'29.051"W	point

WELLPATH COMPOSITION Ref Wellbore: No. 1H AWB Ref Wellpath: No. 1H AWP REV

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	1800.00	Unknown Tool (Standard)	Hal.	No. 1H AWB OH
1800.00	4786.00	NaviTrak (Standard)	MWD REV	No. 1H AWB
4786.00	4837.00	Blind Drilling (std)	Projection to bit	No. 1H AWB



devon

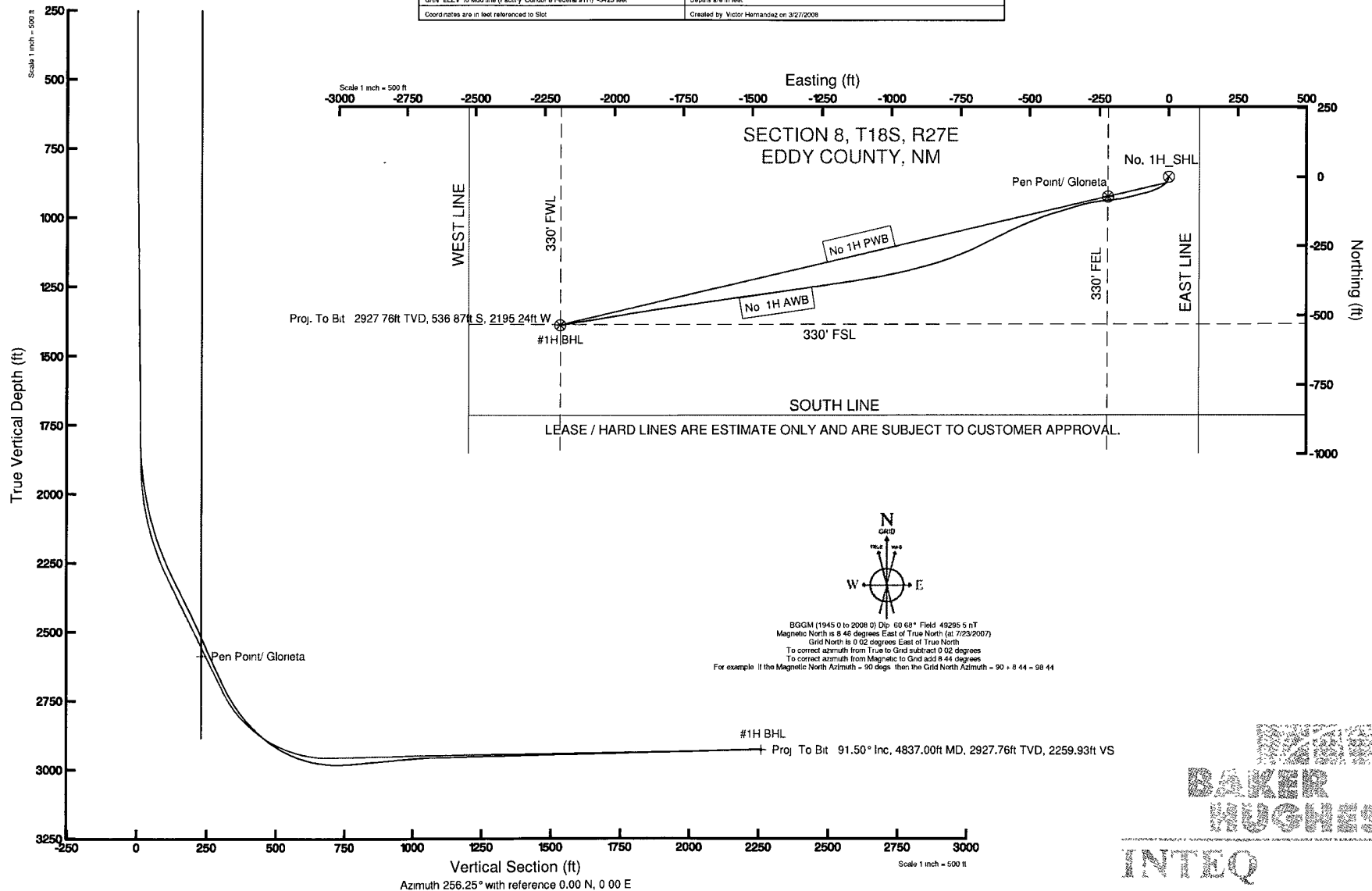
Devon Energy

Location Eddy County, NM
Field (Condor) Section 8 T18S R27E
Facility: Condor 8 Federal #1H

Slot: No. 1H_SHL
Well No. 1H
Wellbore No. 1H_AWB

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Plot reference wellpath is No. 1H_AWP	
True vertical depths are referenced to Rig on #1H_SHL (RT)*	Grid System: NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on #1H_SHL (RT)	North Reference: Grid north
Rig on #1H_SHL (RT) to GRN ELEV 3423 feet	Scale: True distance
GRN ELEV to Mud line (Facility Condor 8 Federal #1H) -3423 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by Victor Hernandez on 3/27/2008



N
Grid
True
Magnetic North is 8.46 degrees East of True North (as of 7/23/2007)
Grid North is 0.02 degrees East of True North
To correct azimuth from True to Grid subtract 0.02 degrees
To correct azimuth from Magnetic to Grid add 8.44 degrees
For example if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.44 = 98.44

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