

JAN 14 2008
OCD-ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other _____ b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ Other						6. If Indian, Allottee or Tribe Name _____ 7. Unit or CA Agreement Name and No. _____ 8. Lease Name and Well No. _____ North Pure Gold 5 Federal 1H 9. API Well No. _____ 30-015-35761											
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP						10. Field and Pool, or Exploratory Los Medanos; Delaware 11. Sec. T., R., M., on Block and Survey or Area A SEC 5 T23S R31E 12. County or Parish 13. State Eddy NM											
3. Address 20 North Broadway, Oklahoma City, OK 73102-8260						3a. Phone No. (include area code) 405-235-3611											
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 150' FNL 660' FEL At top prod. Interval reported below At total Depth BHL: 353' FNL 662' FEL PP: 650' FNL & 660' FEL												17. Elevations (DR, RKB, RT, GL)* 3337' GL					
14. Date Spudded 10/7/2007				15. Date T.D. Reached 11/2/2007				16. Date Completed 12/13/2007 ☐ D & A ☒ Ready to Prod.									
18. Total Depth: MD 12,470' TVD				19. Plug Back T.D.: MD 12,396' TVI				20. Depth Bridge Plug Set. MD TVI									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) HI-RES/LATEROLOG ARRAY/MICRO/CFL/GR								22. Was well cored? ☐ No ☒ Yes (Submit analysis) Was DST run? ☐ No ☒ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)																	
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type Cement		Slurry Vol. (BBL)	Cement Top*	Amount Pulled							
17 1/2"	13 3/8" H-40	48#	0	756'		800 sx CI C; 100 sx to pit			surface								
12 1/4"	9 5/8" J-55	40#	0	4170'		2020 sx CI C			surface								
8 3/4"	7" J-55	26#	0	8265'		1792 sx CI C; 22 sx to pit			surface								
6 1/8"	4 1/2" N-80	11.6#		12470'		500 sx CI H; 123 sx to pit			TOL 7606' KB								
24. Tubing Record																	
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)									
2 3/8"																	
25. Producing Intervals						26. Perforation Record											
Formation			Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status									
A) Brushy Canyon			10,625	12,368	10625-12368		48	Producing									
B) Brushy Canyon			8270	10030	8270-10028		40	Producing									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.																	
Depth Interval			Amount and Type of Material														
10325-12368			RU BJ w/ 500 gals rust buster. Spot 1200 gals 7 1/2% NEFE acid. Spot 7 1/2% NEFE acid w/ 96 BS. Acidize w/ 4000 gals 7 1/2% NEFE & 96 BS. Frac w/ 301K gals Spectra Star 2800 gel, 10119# 100 mesh sd; 369,152# 20/40 white sd & 86,374# 16/3 Siberprop sd. Flush w/ 13,692 gals 10# gel.														
8270-10030			Spot 2200 g 7 1/2% NEFE w/ 96 BS. FL w/ KCL wtr. Pump 3K g KCL, 4K g Spectra Star 2800 gel, 375# mesh & FL w/ 17,050 gals KCL wtr. RU BJ & frac 8270-10030 w/ 336,630 g Spectra Star 2800 Gel 7150# 100 mesh sd, 307,109# 20/40 white sd & 98,021# 16/30 Siberprop sd. FL w/ 12,486 g 10# gel.														
28. Production - Interval A																	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method								
12/13/2007	12/18/2008	24	→	495	651	607			Pumping								
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status									
			→	495	651	607	1,315										
28a. Production - Interval B																	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method								
			→														
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status									

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

Disposition of Gas (Sold, used for fuel, vented, etc)

Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof; Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

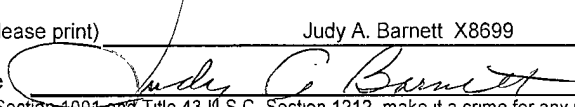
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
				Rustler Delaware Bell Canyon Cherry Canyon Brushy Canyon	383' 4077' 4135' 5025' 6334'

Additional remarks (include plugging procedure)

Circle enclosed attachments:

33. Indicate which items have been attached by placing a check in the appropriate box.

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

Name (Please print) Judy A. Barnett X8699Title Regulatory AnalystSignature Date 1/11/2008

18 U.S.C. Section 494 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

Well Name and Number: North Pure Gold 5 Federal 1H
Location: Sec. 5, T-23S, R-31E
Operator: Devon Energy Corp.
Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
0.50	285	0.50	7276	87.10	9715
0.50	506	0.25	7372	90.10	9938
0.25	756	5.20	7462	90.20	10066
0.50	1244	36.3	7718	88.9	10129
1.00	1734	47.30	7814	91	10543
0.86	2229	59	7906	92.6	10831
0.54	2727	67	7999	90.5	10927
0.46	2914	71.00	8061	90	11086
1.18	3200	73.00	8092	89.6	11213
1.72	3451	79.00	8148	88.6	11276
1.97	3768	84.60	8215	91.9	11562
2.00	4170	89.10	8283	90.3	11784
2.00	4170	92	8410	89	11848
1.00	4423	90.4	8631	88.8	12134
0.90	4995	90.6	8695	92.5	12324
1.10	5186	91.9	8949	92.2	12420
1.00	5376	90.9	9236		
1.00	5944	91.7	9331		
0.70	6514	90	9427		
0.75	6705	90	9490		

Drilling Contractor: McVay Drilling Company

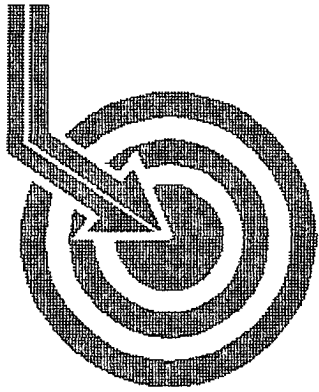
By: H.H. Crand Jr.

Subscribed and sworn to before me this 12th day of November, 2007

Tina Thomas

Notary Public

My Commission Expires: 8/16/09 Lea County, New Mexico



Scientific Drilling

DEVON ENERGY

Field: ~~Sand Dunes~~ Los Medanos
Site: Eddy County, NM
Well: ~~Sand Dunes West Field~~ #1H North Pure Gold 5-1H
Wellpath: VH - Job #32K1007931
Survey: 10/15/07

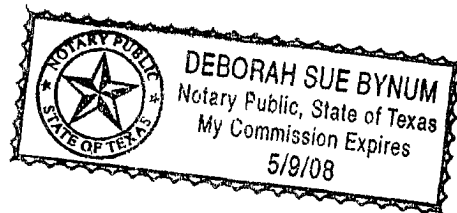
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Deborah S. Bynum..... Company Representative

Notorized this date 7th of December, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International

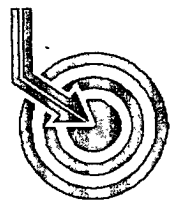
Survey Report

Company: DEVON ENERGY	Date: 12/01/2007	Time: 21:08:13	Page: 1
Field: Sand Dunes	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Sand Dunes West Field #1H	Section (VS) Reference:	Well (0.00N,0.00E,180.02Azi)	
Wellpath: VH - Job #32K1007931	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 10/15/07	Start Date: 10/15/2007
Company: KSRG 0'-4200'	
Tool: Scientific Drilling Internatio	Engineer: Pena w/GeoGyro
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

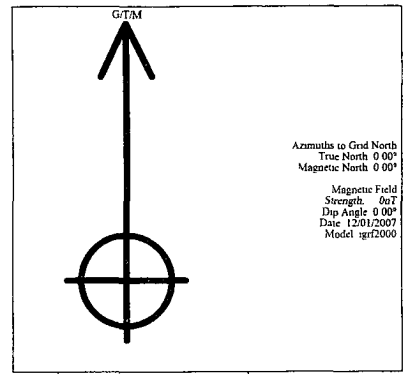
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.31	159.52	100.00	0.25	-0.25	0.09	0.31	0.27	159.52
200.00	0.19	137.60	200.00	0.63	-0.63	0.30	0.15	0.70	154.43
300.00	0.08	191.13	300.00	0.82	-0.82	0.40	0.16	0.91	154.04
400.00	0.13	180.02	400.00	1.00	-1.00	0.39	0.05	1.07	158.94
500.00	0.18	223.59	500.00	1.23	-1.23	0.28	0.12	1.26	167.28
600.00	0.15	326.87	600.00	1.23	-1.23	0.10	0.26	1.24	175.47
700.00	0.23	283.19	700.00	1.08	-1.08	-0.17	0.16	1.09	188.92
800.00	0.17	232.64	800.00	1.12	-1.12	-0.48	0.18	1.22	203.27
900.00	0.14	114.72	900.00	1.26	-1.26	-0.49	0.27	1.35	201.18
1000.00	0.13	284.99	1000.00	1.29	-1.29	-0.49	0.27	1.37	200.80
1100.00	0.15	192.58	1100.00	1.38	-1.38	-0.63	0.20	1.52	204.35
1200.00	0.15	81.48	1200.00	1.49	-1.49	-0.53	0.25	1.58	199.39
1300.00	0.06	245.32	1300.00	1.49	-1.49	-0.44	0.21	1.56	196.52
1400.00	0.28	79.68	1400.00	1.47	-1.47	-0.25	0.34	1.49	189.66
1500.00	0.29	27.45	1499.99	1.20	-1.20	0.11	0.25	1.21	174.95
1600.00	0.17	6.21	1599.99	0.83	-0.83	0.24	0.15	0.87	163.96
1700.00	0.27	93.16	1699.99	0.70	-0.70	0.49	0.31	0.85	144.89
1800.00	0.37	66.45	1799.99	0.58	-0.58	1.02	0.18	1.18	119.65
1900.00	0.20	9.28	1899.99	0.28	-0.28	1.35	0.31	1.37	101.77
2000.00	0.23	96.34	1999.99	0.13	-0.13	1.57	0.30	1.58	94.73
2100.00	0.33	41.07	2099.99	-0.07	0.06	1.96	0.27	1.96	88.11
2200.00	0.15	327.07	2199.99	-0.39	0.39	2.08	0.32	2.12	79.34
2300.00	0.20	76.38	2299.99	-0.54	0.54	2.18	0.29	2.25	76.01
2400.00	0.12	288.90	2399.99	-0.62	0.62	2.25	0.31	2.33	74.65
2500.00	0.10	102.44	2499.99	-0.63	0.63	2.24	0.22	2.32	74.20
2600.00	0.19	337.93	2599.99	-0.77	0.77	2.26	0.26	2.39	71.23
2700.00	0.16	338.55	2699.99	-1.05	1.05	2.14	0.03	2.39	63.89
2800.00	0.08	175.42	2799.99	-1.11	1.11	2.10	0.24	2.38	62.10
2900.00	0.48	235.77	2899.99	-0.81	0.81	1.76	0.45	1.93	65.37
3000.00	0.33	239.93	2999.98	-0.43	0.43	1.16	0.15	1.24	69.87
3100.00	0.54	228.24	3099.98	0.03	-0.03	0.56	0.23	0.56	93.22
3200.00	0.44	235.80	3199.98	0.56	-0.56	-0.11	0.12	0.57	190.76
3300.00	0.63	150.77	3299.97	1.26	-1.26	-0.16	0.74	1.27	187.06
3400.00	0.88	152.77	3399.96	2.42	-2.42	0.46	0.25	2.46	169.14
3500.00	1.07	151.62	3499.95	3.92	-3.92	1.26	0.19	4.12	162.21
3600.00	1.22	139.74	3599.93	5.56	-5.56	2.39	0.28	6.05	156.72
3700.00	1.58	144.96	3699.90	7.50	-7.50	3.87	0.38	8.44	152.70
3800.00	1.63	147.71	3799.86	9.83	-9.83	5.42	0.09	11.23	151.12
3900.00	1.39	141.95	3899.83	11.98	-11.99	6.93	0.28	13.85	149.97
4000.00	1.22	145.31	3999.80	13.81	-13.82	8.28	0.19	16.11	149.06
4100.00	1.12	132.81	4099.78	15.35	-15.36	9.61	0.27	18.11	147.98
4200.00	1.12	135.42	4199.76	16.71	-16.72	11.01	0.05	20.02	146.64

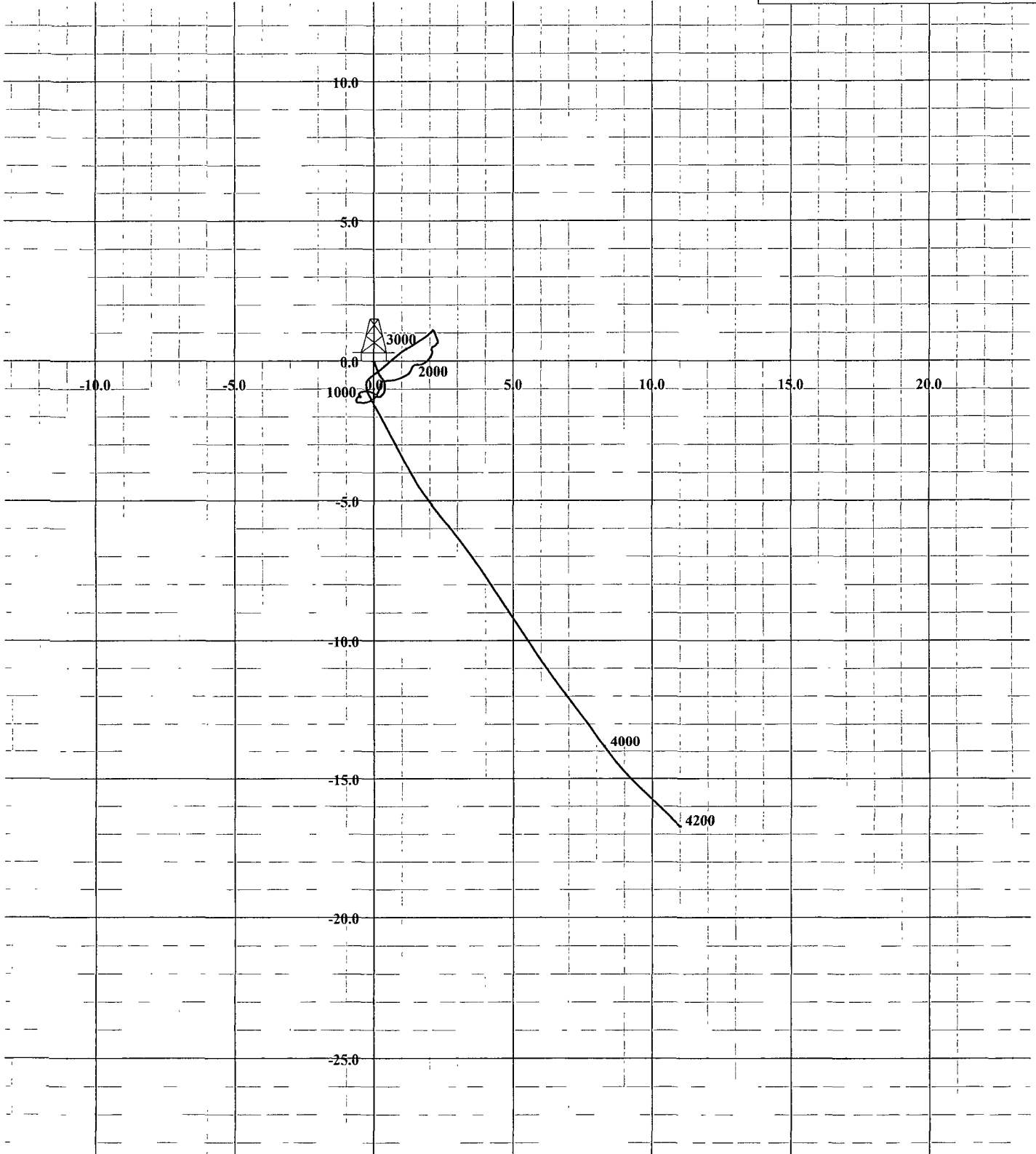


Scientific
Drilling

Field: Sand Dunes
Site: Eddy County, NM
Well: Sand Dunes West Field #1H
Wellpath: VH - Job #32K1007931
Survey: 10/15/07



South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]



2105 Market Street Midland, TX 79703 Ph. (432)694-9517 Fax. (432)694-5648



Actual Well Path Report

Devon Energy

Well Name: North Pure Gold 5 Federal #1H
Survey: Section 5, Township 23 South, Range 31 East
Eddy County, New Mexico
Directional Driller: Calvin Jones
Survey Depth From: 4200' MD
Survey Depth To: 12470' MD

2105 Market Street Midland, TX 79703 Ph. (432)694-9517 Fax. (432)694-5648



Actual Wellpath Report

#1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	#1H_SHL
Area	Eddy County, NM	Well	#1H
Field	(NPG) Sand Dunes West Field	Wellbore	#1H_AWB
Facility	North Pure Gold 5 Federal #1H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect™ 1.2
North Reference	Grid	User	Victor Hernandez
Scale	0.999941	Report Generated	11/02/07 at 09:14:05
Wellbore last revised	10/16/07	Database/Source file	WA_Midland/#1H_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	708059.38	487965.43	32 20 25.200N	103 47 36.600W
Facility Reference Pt			708059.38	487965.43	32 20 25.200N	103 47 36.600W
Field Reference Pt			0.00	0.00	30 59 18.404N	106 03 38.987W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on #1H_SHL (RT) to Facility Vertical Datum	0.00 feet
Horizontal Reference Pt	Slot	Rig on #1H_SHL (RT) to GRN. ELEV.	3337.00 feet
Vertical Reference Pt	Rig on #1H_SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on #1H_SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	GRN. ELEV.	Section Azimuth	180.02°



Actual Wellpath Report

#1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	#1H_SHL
Area	Eddy County, NM	Well	#1H
Field	(NPG) Sand Dunes West Field	Wellbore	#1H_AWB
Facility	North Pure Gold 5 Federal #1H		

WELLPATH DATA (141 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Path Comment
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00	
100.00	0.310	159.520	100.00	0.25	-0.25	0.09	0.31	
200.00	0.190	137.600	200.00	0.63	-0.63	0.30	0.15	
300.00	0.080	191.130	300.00	0.82	-0.82	0.40	0.16	
400.00	0.130	180.020	400.00	1.00	-1.00	0.39	0.05	
500.00	0.180	223.590	500.00	1.23	-1.23	0.28	0.12	
600.00	0.150	326.870	600.00	1.23	-1.23	0.10	0.26	
700.00	0.230	283.190	700.00	1.08	-1.08	-0.17	0.16	
800.00	0.170	232.640	800.00	1.12	-1.12	-0.48	0.18	
900.00	0.140	114.720	900.00	1.26	-1.26	-0.49	0.27	
1000.00	0.130	284.990	1000.00	1.29	-1.29	-0.49	0.27	
1100.00	0.150	192.580	1100.00	1.38	-1.38	-0.63	0.20	
1200.00	0.150	81.480	1200.00	1.49	-1.49	-0.53	0.25	
1300.00	0.060	245.320	1300.00	1.49	-1.49	-0.44	0.21	
1400.00	0.280	79.680	1400.00	1.47	-1.47	-0.25	0.34	
1500.00	0.290	27.450	1499.99	1.20	-1.20	0.11	0.25	
1600.00	0.170	6.210	1599.99	0.83	-0.83	0.24	0.15	
1700.00	0.270	93.160	1699.99	0.70	-0.70	0.49	0.31	
1800.00	0.370	66.450	1799.99	0.58	-0.58	1.02	0.18	
1900.00	0.200	9.280	1899.99	0.28	-0.28	1.35	0.31	
2000.00	0.230	96.340	1999.99	0.13	-0.13	1.57	0.30	
2100.00	0.330	41.070	2099.99	-0.07	0.06	1.96	0.27	
2200.00	0.150	327.070	2199.99	-0.39	0.39	2.08	0.32	
2300.00	0.200	76.380	2299.99	-0.54	0.54	2.18	0.29	
2400.00	0.120	288.900	2399.99	-0.62	0.62	2.25	0.31	
2500.00	0.100	102.440	2499.99	-0.63	0.63	2.24	0.22	
2600.00	0.190	337.930	2599.99	-0.77	0.77	2.26	0.26	
2700.00	0.160	338.550	2699.99	-1.05	1.05	2.14	0.03	
2800.00	0.080	175.420	2799.99	-1.11	1.11	2.10	0.24	
2900.00	0.480	235.770	2899.99	-0.81	0.81	1.76	0.45	
3000.00	0.330	239.930	2999.98	-0.43	0.43	1.16	0.15	
3100.00	0.540	228.240	3099.98	0.03	-0.03	0.56	0.23	
3200.00	0.440	235.800	3199.98	0.56	-0.56	-0.11	0.12	
3300.00	0.630	150.770	3299.97	1.26	-1.26	-0.16	0.74	
3400.00	0.880	152.770	3399.96	2.42	-2.42	0.46	0.25	
3500.00	1.070	151.620	3499.95	3.92	-3.92	1.26	0.19	
3600.00	1.220	139.740	3599.93	5.56	-5.56	2.39	0.28	
3700.00	1.580	144.960	3699.90	7.50	-7.50	3.87	0.38	
3800.00	1.630	147.710	3799.86	9.83	-9.83	5.42	0.09	
3900.00	1.390	141.950	3899.83	11.99	-11.99	6.93	0.28	



Actual Wellpath Report

#1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	#1H_SHL
Area	Eddy County, NM	Well	#1H
Field	(NPG) Sand Dunes West Field	Wellbore	#1H_AWB
Facility	North Pure Gold 5 Federal #1H		

WELLPATH DATA (141 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Path Comment
4000.00	1.220	145.310	3999.80	13.82	-13.82	8.28	0.19	
4100.00	1.120	132.810	4099.78	15.35	-15.36	9.61	0.27	
4200.00	1.120	135.420	4199.76	16.71	-16.72	11.01	0.05	
4423.00	1.000	140.900	4422.72	19.78	-19.78	13.77	0.07	
4613.00	1.100	142.200	4612.69	22.50	-22.51	15.93	0.05	
4805.00	1.000	142.900	4804.66	25.29	-25.30	18.07	0.05	
4995.00	0.900	127.900	4994.63	27.53	-27.54	20.25	0.14	
5186.00	1.100	148.800	5185.60	30.02	-30.03	22.38	0.22	
5376.00	1.000	139.100	5375.57	32.83	-32.84	24.41	0.11	
5567.00	0.400	83.200	5566.56	34.01	-34.02	26.16	0.44	
5755.00	1.200	351.100	5754.54	31.99	-32.00	26.51	0.68	
5944.00	1.000	353.500	5943.51	28.40	-28.41	26.02	0.11	
6135.00	0.900	4.770	6134.48	25.25	-25.26	25.95	0.11	
6325.00	1.000	353.200	6324.46	22.11	-22.12	25.88	0.11	
6514.00	0.700	20.900	6513.44	19.40	-19.41	26.10	0.26	
6704.00	0.700	21.300	6703.42	17.23	-17.24	26.93	0.00	
6895.00	0.800	351.400	6894.41	14.83	-14.84	27.16	0.21	
7085.00	0.700	5.100	7084.39	12.36	-12.37	27.06	0.11	
7276.00	0.600	38.500	7275.38	10.41	-10.42	27.79	0.20	
7372.00	0.300	17.800	7371.38	9.78	-9.79	28.18	0.35	
7404.00	0.400	353.500	7403.38	9.59	-9.60	28.19	0.55	
7436.00	1.800	177.400	7435.37	9.98	-9.99	28.20	6.87	
7468.00	5.200	174.200	7467.31	11.93	-11.94	28.37	10.64	
7498.00	9.000	173.500	7497.07	15.61	-15.62	28.77	12.67	
7528.00	12.900	173.200	7526.52	21.27	-21.28	29.44	13.00	
7559.00	17.200	174.200	7556.45	29.27	-29.28	30.31	13.90	
7591.00	21.600	176.000	7586.62	39.86	-39.87	31.20	13.87	
7623.00	25.800	179.100	7615.92	52.70	-52.71	31.72	13.69	
7654.00	29.500	182.000	7643.38	67.08	-67.09	31.56	12.70	
7686.00	32.800	184.100	7670.76	83.61	-83.62	30.67	10.86	
7718.00	36.300	185.800	7697.11	101.68	-101.69	29.09	11.34	
7750.00	39.400	186.500	7722.38	121.20	-121.21	26.98	9.78	
7782.00	43.300	186.900	7746.39	142.19	-142.20	24.51	12.22	
7814.00	47.300	186.500	7768.90	164.78	-164.79	21.86	12.53	
7845.00	51.300	186.200	7789.11	188.13	-188.14	19.26	12.92	
7876.00	55.200	186.200	7807.65	212.82	-212.83	16.58	12.58	
7906.00	58.900	185.500	7823.97	237.86	-237.87	14.02	12.49	
7938.00	62.200	184.400	7839.70	265.62	-265.63	11.62	10.74	
7969.00	64.500	184.100	7853.60	293.25	-293.25	9.57	7.47	
7999.00	67.000	184.100	7865.92	320.53	-320.54	7.61	8.33	



Actual Wellpath Report

#1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	#1H_SHL
Area	Eddy County, NM	Well	#1H
Field	(NPG) Sand Dunes West Field	Wellbore	#1H AWB
Facility	North Pure Gold 5 Federal #1H		

WELLPATH DATA (141 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Path Comment
8030.00	69.200	183.700	7877.49	349.23	-349.23	5.66	7.20	
8061.00	71.000	183.700	7888.04	378.32	-378.32	3.78	5.81	
8092.00	73.000	183.000	7897.62	407.75	-407.75	2.05	6.80	
8123.00	75.400	181.600	7906.06	437.55	-437.55	0.86	8.88	
8154.00	79.000	180.500	7912.92	467.77	-467.77	0.31	12.12	
8184.00	81.700	179.800	7917.95	497.34	-497.34	0.23	9.29	
8215.00	84.600	178.400	7921.65	528.11	-528.11	0.72	10.37	
8283.00	89.100	178.400	7925.39	595.96	-595.96	2.61	6.62	
8346.00	90.800	180.500	7925.44	658.96	-658.96	3.22	4.29	
8410.00	92.000	181.600	7923.88	722.92	-722.92	2.04	2.54	
8472.00	90.700	181.300	7922.42	784.89	-784.89	0.47	2.15	
8504.00	90.600	181.300	7922.05	816.88	-816.88	-0.25	0.31	
8568.00	89.900	181.300	7921.77	880.86	-880.86	-1.70	1.09	
8631.00	90.400	181.600	7921.61	943.84	-943.84	-3.30	0.93	
8695.00	90.600	182.000	7921.05	1007.80	-1007.80	-5.31	0.70	
8758.00	89.600	183.000	7920.94	1070.74	-1070.74	-8.06	2.24	
8854.00	88.700	182.700	7922.37	1166.61	-1166.61	-12.83	0.99	
8949.00	91.100	183.400	7922.53	1261.47	-1261.47	-17.88	2.63	
9044.00	88.700	183.000	7922.70	1356.32	-1356.31	-23.19	2.56	
9140.00	89.500	184.800	7924.20	1452.08	-1452.07	-29.71	2.05	
9236.00	90.900	184.100	7923.87	1547.79	-1547.78	-37.16	1.63	
9331.00	91.700	183.400	7921.71	1642.57	-1642.55	-43.37	1.12	
9427.00	90.000	183.000	7920.29	1738.40	-1738.39	-48.73	1.82	
9492.00	90.000	182.000	7920.29	1803.34	-1803.33	-51.57	1.54	
9555.00	88.300	182.000	7921.22	1866.29	-1866.28	-53.77	2.70	
9619.00	87.500	181.500	7923.57	1930.22	-1930.20	-55.72	1.47	
9715.00	87.100	180.900	7928.09	2026.09	-2026.08	-57.73	0.75	
9779.00	87.500	180.900	7931.11	2090.02	-2090.00	-58.73	0.62	
9874.00	88.200	180.200	7934.67	2184.94	-2184.92	-59.64	1.04	
9938.00	90.100	180.200	7935.62	2248.93	-2248.91	-59.87	2.97	
10002.00	91.800	180.200	7934.56	2312.92	-2312.90	-60.09	2.66	
10066.00	90.200	178.100	7933.44	2376.90	-2376.88	-59.14	4.12	
10129.00	88.900	177.000	7933.94	2439.84	-2439.82	-56.45	2.70	
10193.00	88.800	176.700	7935.22	2503.73	-2503.71	-52.93	0.49	
10257.00	89.600	176.700	7936.12	2567.61	-2567.60	-49.25	1.25	
10352.00	90.300	176.700	7936.20	2662.45	-2662.44	-43.78	0.74	
10448.00	90.700	176.000	7935.36	2758.25	-2758.24	-37.67	0.84	
10543.00	91.000	175.600	7933.95	2852.98	-2852.97	-30.71	0.53	
10639.00	91.500	174.900	7931.86	2948.63	-2948.62	-22.76	0.90	
10735.00	92.200	175.300	7928.76	3044.22	-3044.22	-14.57	0.84	



Actual Wellpath Report

#1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Devon Energy	Slot	#1H_SHL
Area	Eddy County, NM	Well	#1H
Field	(NPG) Sand Dunes West Field	Wellbore	#1H AWB
Facility	North Pure Gold 5 Federal #1H		

WELLPATH DATA (141 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Path Comment
10831.00	92.600	175.300	7924.74	3139.81	-3139.81	-6.71	0.42	
10927.00	90.500	174.600	7922.14	3235.40	-3235.40	1.74	2.31	
11022.00	90.700	175.300	7921.15	3330.02	-3330.02	10.10	0.77	
11086.00	90.000	176.300	7920.76	3393.84	-3393.85	14.79	1.91	
11149.00	88.900	177.000	7921.36	3456.73	-3456.74	18.47	2.07	
11213.00	89.600	178.400	7922.20	3520.67	-3520.68	21.04	2.45	
11276.00	88.600	179.100	7923.19	3583.65	-3583.65	22.41	1.94	
11371.00	90.000	181.600	7924.35	3678.63	-3678.64	21.83	3.02	
11466.00	90.900	182.000	7923.60	3773.58	-3773.58	18.85	1.04	
11562.00	91.900	182.300	7921.26	3869.48	-3869.49	15.25	1.09	
11657.00	91.800	181.600	7918.19	3964.38	-3964.38	12.02	0.74	
11720.00	91.400	181.300	7916.43	4027.33	-4027.34	10.42	0.79	
11784.00	90.300	180.500	7915.48	4091.32	-4091.32	9.42	2.13	
11848.00	89.000	180.200	7915.87	4155.31	-4155.32	9.03	2.08	
11943.00	88.300	180.200	7918.11	4250.29	-4250.29	8.70	0.74	
12038.00	88.700	180.900	7920.60	4345.25	-4345.25	7.78	0.85	
12134.00	88.800	180.200	7922.69	4441.22	-4441.22	6.86	0.74	
12228.00	89.300	180.900	7924.25	4535.20	-4535.20	5.96	0.92	
12324.00	92.500	182.000	7922.74	4631.15	-4631.15	3.53	3.52	
12420.00	92.200	182.000	7918.81	4727.01	-4727.01	0.18	0.31	
12470.00	92.500	182.000	7916.76	4776.94	-4776.94	-1.56	0.60	Proj. To Bit

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
#1H BHL		7930.00	-4810.31	-1.50	708057.88	483155.13	32 19 37.600N	103 47 36.900W	point

WELLPATH COMPOSITION Ref Wellbore: #1H AWB Ref Wellpath: #1H AWP

Start MD [feet]	End MD [feet]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	4200.00	Generic gyro - northseeking (Standard)	Gyro	#1H AWB
4200.00	12470.00	NaviTrak (Standard)	MWD	#1H AWB

Devon Energy

Location: Eddy County, NM
Field (NPG) Sand Dunes West Field
Facility: North Pure Gold 5 Federal #1H

Slot #1H_SHL
Well #1H
Wellbore: #1H_AWB



INTEO

The reference wellbore is H14307 The 4m distance was measured to the top of the H14, 307 Measured distance was measured to Region 115 H4, 315 Region 115, 307 to G4N, GLEW, 337 feet G4N, GLEW to Martini Facility, East Pine Field is 115, 307 feet Coordinates are interval reference to the top	Grid Section: H4315 T1N14W R20E One Plane, Eastern Zone (300), 33 feet North Reference Grid north Scale: Grid is true Depth is in feet Original Survey: Interval from 1/1/2007
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