

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: NOVEMBER 30, 2000

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		5. Lease Serial No. NMNM-89051	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		6. If Indian, Allottee or Tribe Name	
3. Address 20 North Broadway, Ste 1500 Oklahoma City, OK 73102-8260		7. Unit or CA Agreement Name and No.	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface H 1430' FNL 330 FEL At top prod. Interval reported below PP: 620' FWL & 190' FSL At total Depth BHL: 335' FNL & 1675' FWL		8. Lease Name and Well No. Apache 24 Federal 11	
14. Date Spudded 9/21/2005		9. API Well No. 30-015-34219 SI	
15. Date T.D. Reached 10/19/2005		10. Field and Pool, or Exploratory Quahada Ridge, SE Delaware	
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/15/2005		11. Sec. T., R., M., on Block and Survey or Area 24 22S 30E	
17. Elevations (DR, RKB, RT, GL)* 3383'		12. County or Parish 13. State Eddy New Mexico	
18. Total Depth: MD 10,540' TVD		19. Plug Back T.D.: MD 10,493' TVI	
20. Depth Bridge Plug Set: MD TVI		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
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)	
AIT_MCFL_GR_CNL,		24. Tubing Record	
25. Producing Intervals		26. Perforation Record	
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		28. Production - Interval A	
28a. Production - Interval B		28b. Production - Interval C	

RECEIVED
DEC 20 2005
OCD-ARTESIA

ACCEPTED FOR RECORD
DEC 15 2005
ALEXIS C. SWORODA
PETROLEUM ENGINEER

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	640'		650 sx Cl C, circ 144 sx		0	
12 1/4"	9 5/8" J-55	40#	0	3855'		1740 sx Cl C, circ 125 sx		0	
8 3/4"	7" N-80 K-55	26# 23#	0	8000'		1230 sx Cl C, circ 195 sx			
6 1/8"	4 1/2" N-80	11.6#		10540'		377 Cl H, circ 75 sx			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
1"	7155'							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Delaware	8078	10481	8078-10481		25	Producing

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/15/05	11/29/2005	24	→	250	120	590			Pumping

Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
0	0	→	→	250	120	590	480	Producing

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)

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.)

Sold

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 Salado Delaware	462' 757' 3883'

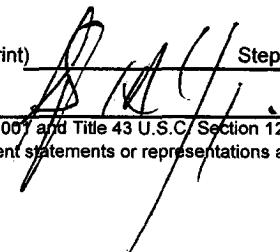
Additional remarks (include plugging procedure):

11/01/05 MIRU PU. RIH w/bit & tbg to liner top. RIH w/bit 2 3/8" & 2 7/8" tbg to 10,380'.
 11/03/05 Drill out to @ 10,494'. Circ hole w/2% KCl & test to 2000 psi. POOH.
 11/04/05 RIH w/TCP guns on 2 3/8" tbg & perf 7 shots @ 10,480', 7 shots @ 9681', 6 shots @ 8880', & 5 shots @ 8079'. POOH. RIH w/pkr & tbg.
 11/07/05 Acidize 8100' - 10,381' w/1500 gal 7.5% Pentol acid dropping bio-balls. POOH, set pkr 7994'.
 11/08/05 Frac 8100' - 10,381' w/800,000# 16/30 Ottawa & RC sn. Flow back.
 11/10/05 RIH w/tbg & clean out sand. PBTD @ 10,493'. POOH w/tbg.
 11/11/05 RIH w/sub pump & tbg.
 11/15/05 Put well on production.

Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (Please print) Stephanie A. YsasagaTitle Senior Engineering TechnicianSignature Date 12/6/2005

18 U.S.C Section 1007 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**

Post Office Box 924
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: Apache 24 Fed # 11H

Location: Sec 24, T22S, R30E, Eddy County, NM

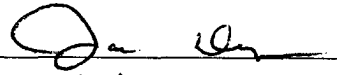
Operator: Devon

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:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
3/4	1545	20	6674	91.2	8800
3/4	1845	28 3/4	7053	91.8	9275
3/4	2145	29 1/2	7083	92	9370
3/4	2491	28 3/4	7333	91 1/4	10099
1	2807	28 3/4	7461	89 1/2	10321
1	3128	30 1/2	7517	88 1/4	10480
1 1/4	3504	46	7641		
1 1/4	4169	62 3/4	7766		
2 1/4	4676	67 1/2	7798		
2	5184	78 3/4	7893		
2	5565	84 3/4	7965		
2 1/2	5692	91	8038		
5 1/2	6138	90 1/4	8134		
13 1/2	6421	88 3/4	8198		
15	6845	90	8610		

Drilling Contractor: McVay Drilling Company

By: 

Subscribed and sworn to before me this 26th day of October, 2005

My Commission Expires 8-16-09


Notary Public

Lea County, New Mexico

DEVON ENERGY
Apache 24 Fed #11-H

slot #1
DELAWARE
Eddy County New Mexico

S U R V E Y L I S T I N G

by
Baker Hughes INTEQ

Your ref : MWD
Our ref : svy2877
License :

Date printed : 6-Dec-2005
Date created : 5-Oct-2005
Last revised : 17-Oct-2005

Field is centred on n32 30 0.000,w104 15 0
Structure is centred on 656569.330,502611.280,999.00000,N

Slot location is n32 22 50.783,w103 49 34.169
Slot Grid coordinates are N 502611.280, E 656569.330
Slot local coordinates are 0.00 N 0.00 E

Projection type: mercator - New Mexico East (3001), Spheroid: Clarke - 1866

Reference North is True North

DEVON ENERGY
Apache 24 Fed #11-H, slot #1
DELAWARE, Eddy County New Mexico

SURVEY LISTING Page 1
Your ref : MWD
Last revised : 17-Oct-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
3900.00	1.30	164.50	3899.80	22.57S	8.15E	0.00	-14.76	656577.59	502588.75
4041.00	1.40	171.20	4040.76	25.81S	8.84E	0.13	-16.42	656578.29	502585.51
4169.00	1.20	203.60	4168.73	28.59S	8.54E	0.59	-17.00	656578.01	502582.74
4296.00	1.80	243.80	4295.69	30.69S	6.22E	0.93	-15.45	656575.70	502580.63
4423.00	1.80	239.80	4422.63	32.57S	2.71E	0.10	-12.69	656572.19	502578.73
4550.00	2.10	252.80	4549.55	34.26S	1.24W	0.42	-9.47	656568.25	502577.02
4676.00	2.20	251.40	4675.46	35.72S	5.74W	0.09	-5.64	656563.76	502575.54
4803.00	1.80	266.20	4802.39	36.63S	10.04W	0.51	-1.84	656559.47	502574.61
4930.00	1.90	282.30	4929.32	36.31S	14.08W	0.42	2.11	656555.42	502574.91
5058.00	1.90	281.30	5057.25	35.44S	18.24W	0.03	6.32	656551.26	502575.75
5185.00	2.10	299.90	5184.18	33.87S	22.32W	0.53	10.69	656547.17	502577.31
5312.00	2.10	299.90	5311.09	31.55S	26.35W	0.00	15.25	656543.13	502579.61
5438.00	2.10	299.60	5437.01	29.26S	30.36W	0.01	19.77	656539.11	502581.88
5565.00	2.10	296.40	5563.92	27.07S	34.47W	0.09	24.35	656534.99	502584.04
5692.00	2.50	311.20	5690.82	24.21S	38.64W	0.56	29.20	656530.81	502586.88
5821.00	2.60	309.80	5819.69	20.49S	43.00W	0.09	34.51	656526.43	502590.59
5950.00	2.50	316.80	5948.56	16.56S	47.18W	0.25	39.70	656522.23	502594.49
6012.00	2.60	310.50	6010.50	14.67S	49.17W	0.48	42.18	656520.23	502596.38
6075.00	3.70	299.90	6073.41	12.72S	52.02W	1.97	45.49	656517.37	502598.31
6138.00	5.60	295.70	6136.20	10.38S	56.55W	3.06	50.53	656512.83	502600.63
6200.00	7.50	295.00	6197.79	7.36S	62.95W	3.07	57.55	656506.42	502603.63
6233.00	8.20	294.60	6230.48	5.47S	67.04W	2.13	62.02	656502.32	502605.50
6264.00	8.90	293.20	6261.14	3.60S	71.25W	2.36	66.61	656498.10	502607.34
6295.00	9.60	292.90	6291.73	1.65S	75.84W	2.26	71.57	656493.51	502609.27
6326.00	10.60	291.80	6322.25	0.41N	80.87W	3.29	76.99	656488.47	502611.31
6357.00	11.50	291.10	6352.68	2.59N	86.40W	2.94	82.93	656482.93	502613.46
6390.00	12.60	290.80	6384.95	5.05N	92.83W	3.34	89.81	656476.48	502615.89
6421.00	13.50	290.40	6415.15	7.51N	99.38W	2.92	96.80	656469.92	502618.32
6453.00	14.50	291.50	6446.20	10.28N	106.61W	3.23	104.53	656462.68	502621.05
6480.00	15.00	292.20	6472.31	12.84N	112.99W	1.97	111.39	656456.29	502623.58
6516.00	15.80	291.50	6507.01	16.40N	121.87W	2.28	120.93	656447.40	502627.10
6548.00	16.70	290.80	6537.74	19.63N	130.22W	2.88	129.87	656439.03	502630.29
6579.00	17.40	290.10	6567.37	22.80N	138.73W	2.35	138.95	656430.50	502633.42
6612.00	18.30	289.70	6598.78	26.24N	148.25W	2.75	149.06	656420.97	502636.82
6643.00	19.10	289.40	6628.15	29.57N	157.61W	2.60	159.00	656411.59	502640.10
6674.00	20.10	289.70	6657.35	33.05N	167.41W	3.24	169.39	656401.77	502643.53
6705.00	21.40	289.00	6686.34	36.69N	177.77W	4.27	180.37	656391.40	502647.12
6737.00	22.70	289.00	6716.00	40.60N	189.13W	4.06	192.39	656380.02	502650.98
6770.00	23.70	288.70	6746.33	44.80N	201.44W	3.05	205.38	656367.70	502655.12
6801.00	24.30	288.70	6774.65	48.84N	213.38W	1.94	217.99	656355.74	502659.10
6833.00	24.80	289.40	6803.76	53.18N	225.95W	1.81	231.29	656343.15	502663.38
6865.00	25.50	289.00	6832.72	57.65N	238.79W	2.25	244.88	656330.29	502667.79
6897.00	26.40	289.40	6861.50	62.26N	252.01W	2.87	258.88	656317.04	502672.34
6928.00	27.10	288.70	6889.18	66.81N	265.20W	2.48	272.83	656303.83	502676.83
6959.00	27.30	289.00	6916.75	71.39N	278.61W	0.78	287.00	656290.40	502681.34
6990.00	27.90	289.00	6944.22	76.06N	292.19W	1.94	301.36	656276.80	502685.95
7053.00	28.90	287.30	6999.64	85.39N	320.66W	2.04	331.32	656248.29	502695.14
7083.00	29.40	286.90	7025.84	89.69N	334.63W	1.79	345.93	656234.30	502699.37
7113.00	30.00	286.90	7051.90	94.01N	348.85W	2.00	360.80	656220.06	502703.63
7144.00	29.70	288.00	7078.79	98.63N	363.57W	2.01	376.22	656205.32	502708.18

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 3437.57 on azimuth 288.09 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 288.10 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

DEVON ENERGY
Apache 24 Fed #11-H, slot #1
DELAWARE, Eddy County New Mexico

SURVEY LISTING Page 2
Your ref : MWD
Last revised : 17-Oct-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D C O O R D S Easting Northing	
7206.00	29.50	288.70	7132.70	108.27N	392.64W	0.64	406.85	656176.21	502717.68
7269.00	29.30	289.40	7187.58	118.37N	421.87W	0.63	437.77	656146.93	502727.64
7332.00	28.70	290.40	7242.68	128.76N	450.59W	1.22	468.30	656118.16	502737.90
7394.00	28.10	291.10	7297.22	139.21N	478.17W	1.11	497.75	656090.54	502748.21
7455.00	28.70	291.10	7350.88	149.65N	505.23W	0.98	526.73	656063.42	502758.52
7517.00	30.80	289.00	7404.71	160.18N	534.14W	3.78	557.47	656034.48	502768.92
7548.00	34.00	289.40	7430.88	165.64N	549.82W	10.35	574.07	656018.77	502774.31
7578.00	37.80	289.00	7455.17	171.43N	566.43W	12.69	591.66	656002.13	502780.01
7609.00	41.70	287.30	7479.00	177.59N	585.26W	13.06	611.47	655983.27	502786.08
7641.00	45.90	286.90	7502.10	184.10N	606.43W	13.15	633.62	655962.07	502792.49
7673.00	49.70	286.90	7523.59	190.99N	629.11W	11.88	657.31	655939.36	502799.27
7705.00	54.30	286.90	7543.28	198.31N	653.23W	14.38	682.52	655915.21	502806.48
7735.00	58.10	286.90	7559.97	205.56N	677.08W	12.67	707.43	655891.33	502813.61
7766.00	62.80	286.60	7575.25	213.33N	702.89W	15.18	734.39	655865.48	502821.26
7798.00	67.50	286.60	7588.70	221.62N	730.71W	14.69	763.41	655837.62	502829.42
7830.00	72.20	287.30	7599.72	230.38N	759.44W	14.83	793.43	655808.85	502838.04
7862.00	75.30	289.00	7608.67	239.95N	788.63W	10.95	824.15	655779.62	502847.47
7893.00	78.70	287.70	7615.64	249.46N	817.29W	11.70	854.35	655750.92	502856.84
7925.00	81.40	290.10	7621.17	259.67N	847.11W	11.21	885.86	655721.06	502866.91
7956.00	83.70	290.40	7625.19	270.31N	875.94W	7.48	916.57	655692.17	502877.41
7965.00	84.20	290.40	7626.14	273.43N	884.33W	5.56	925.52	655683.77	502880.49
8038.00	91.00	294.60	7629.20	301.32N	951.66W	10.94	998.18	655616.31	502908.07
8070.00	91.30	294.60	7628.56	314.64N	980.75W	0.94	1029.97	655587.16	502921.25
8102.00	91.10	294.30	7627.89	327.88N	1009.87W	1.13	1061.76	655557.98	502934.35
8134.00	90.30	295.00	7627.49	341.23N	1038.95W	3.32	1093.55	655528.84	502947.55
8166.00	89.80	294.60	7627.47	354.65N	1068.00W	2.00	1125.33	655499.73	502960.84
8198.00	88.90	292.20	7627.83	367.35N	1097.37W	8.01	1157.19	655470.30	502973.41
8229.00	88.40	291.50	7628.56	378.89N	1126.13W	2.77	1188.12	655441.49	502984.80
8261.00	88.20	291.50	7629.51	390.61N	1155.89W	0.62	1220.05	655411.67	502996.38
8293.00	88.40	291.50	7630.46	402.33N	1185.65W	0.62	1251.98	655381.86	503007.96
8325.00	88.90	290.40	7631.21	413.77N	1215.53W	3.78	1283.93	655351.93	503019.26
8357.00	89.40	289.40	7631.69	424.66N	1245.61W	3.49	1315.91	655321.80	503030.01
8388.00	89.20	290.10	7632.07	435.14N	1274.79W	2.35	1346.89	655292.58	503040.34
8420.00	88.90	289.00	7632.60	445.84N	1304.94W	3.56	1378.88	655262.38	503050.91
8452.00	89.60	288.50	7633.02	456.13N	1335.24W	2.69	1410.87	655232.03	503061.05
8484.00	90.60	288.00	7632.96	466.15N	1365.62W	3.49	1442.87	655201.60	503070.92
8515.00	89.70	288.30	7632.88	475.81N	1395.08W	3.06	1473.87	655172.10	503080.44
8547.00	88.30	286.90	7633.44	485.48N	1425.58W	6.19	1505.86	655141.56	503089.97
8579.00	88.60	285.90	7634.30	494.51N	1456.26W	3.26	1537.84	655110.83	503098.85
8610.00	90.30	286.60	7634.60	503.19N	1486.02W	5.93	1568.82	655081.03	503107.39
8642.00	90.40	286.60	7634.40	512.33N	1516.69W	0.31	1600.81	655050.32	503116.38
8674.00	90.30	285.90	7634.21	521.28N	1547.41W	2.21	1632.79	655019.56	503125.19
8705.00	90.40	285.90	7634.02	529.78N	1577.22W	0.32	1663.76	654989.71	503133.54
8736.00	90.70	286.60	7633.72	538.45N	1606.98W	2.46	1694.75	654959.91	503142.07
8768.00	90.80	285.50	7633.30	547.30N	1637.73W	3.45	1726.72	654929.12	503150.77
8800.00	91.20	286.90	7632.74	556.22N	1668.46W	4.55	1758.70	654898.36	503159.55
8831.00	91.30	286.60	7632.07	565.15N	1698.13W	1.02	1789.68	654868.64	503168.34
8863.00	91.50	286.20	7631.29	574.19N	1728.82W	1.40	1821.66	654837.91	503177.23
8895.00	91.80	286.20	7630.37	583.11N	1759.54W	0.94	1853.63	654807.16	503186.01
8926.00	91.80	285.50	7629.39	591.57N	1789.35W	2.26	1884.59	654777.31	503194.33

All data in feet unless otherwise stated. Calculation uses minimum curvature method.

Coordinates from structure and TVD from rotary table.

Bottom hole distance is 3437.57 on azimuth 288.09 degrees from wellhead.

Vertical section is from N 0.00 W 0.00 on azimuth 288.10 degrees.

Grid is mercator - New Mexico East (3001).

Grid coordinates in FEET and computed using the Clarke - 1866 spheroid

Presented by Baker Hughes INTEQ

DEVON ENERGY
Apache 24 Fed #11-H, slot #1
DELAWARE, Eddy County New Mexico

SURVEY LISTING Page 3
Your ref : MWD
Last revised : 17-Oct-2005

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect	G R I D Easting	C O O R D S Northing
8958.00	90.70	284.80	7628.69	599.93N	1820.23W	4.07	1916.54	654746.39	503202.54
8990.00	90.30	284.40	7628.41	608.00N	1851.19W	1.77	1948.48	654715.39	503210.46
9022.00	90.40	285.10	7628.22	616.15N	1882.14W	2.21	1980.42	654684.41	503218.46
9053.00	91.00	285.90	7627.84	624.43N	1912.01W	3.23	2011.39	654654.51	503226.60
9085.00	92.80	287.60	7626.78	633.65N	1942.63W	7.73	2043.36	654623.84	503235.67
9116.00	93.20	288.30	7625.16	643.19N	1972.08W	2.60	2074.32	654594.35	503245.07
9148.00	92.60	286.90	7623.54	652.85N	2002.54W	4.75	2106.27	654563.84	503254.59
9180.00	91.20	286.90	7622.48	662.15N	2033.14W	4.38	2138.25	654533.20	503263.74
9212.00	91.20	286.60	7621.81	671.37N	2063.78W	0.94	2170.23	654502.52	503272.81
9243.00	91.70	286.60	7621.02	680.22N	2093.48W	1.61	2201.21	654472.78	503281.53
9275.00	91.80	286.90	7620.04	689.44N	2124.10W	0.99	2233.19	654442.12	503290.60
9307.00	91.90	286.90	7619.01	698.74N	2154.71W	0.31	2265.16	654411.47	503299.75
9338.00	92.00	286.90	7617.96	707.74N	2184.35W	0.32	2296.14	654381.79	503308.62
9370.00	92.00	286.20	7616.84	716.85N	2215.01W	2.19	2328.11	654351.09	503317.58
9402.00	92.00	285.90	7615.72	725.69N	2245.74W	0.94	2360.07	654320.32	503326.28
9434.00	92.20	286.60	7614.55	734.64N	2276.44W	2.27	2392.03	654289.58	503335.08
9465.00	91.80	287.30	7613.47	743.68N	2306.08W	2.60	2423.00	654259.90	503343.97
9497.00	91.70	287.30	7612.49	753.19N	2336.61W	0.31	2454.99	654229.32	503353.33
9529.00	91.20	286.90	7611.68	762.59N	2367.19W	2.00	2486.97	654198.70	503362.60
9560.00	91.10	286.60	7611.06	771.53N	2396.87W	1.02	2517.95	654168.98	503371.39
9592.00	91.10	286.20	7610.45	780.56N	2427.56W	1.25	2549.93	654138.25	503380.27
9623.00	91.00	286.10	7609.88	789.18N	2457.33W	0.46	2580.91	654108.44	503388.75
9655.00	90.60	286.60	7609.43	798.19N	2488.03W	2.00	2612.89	654077.70	503397.61
9687.00	90.50	287.60	7609.12	807.60N	2518.62W	3.14	2644.89	654047.07	503406.88
9718.00	90.80	286.90	7608.77	816.79N	2548.22W	2.46	2675.88	654017.43	503415.93
9750.00	90.90	287.60	7608.30	826.28N	2578.78W	2.21	2707.87	653986.83	503425.27
9782.00	90.90	289.00	7607.79	836.32N	2609.16W	4.37	2739.87	653956.40	503435.17
9813.00	90.40	288.00	7607.44	846.16N	2638.55W	3.61	2770.87	653926.96	503444.87
9845.00	91.10	288.00	7607.02	856.05N	2668.98W	2.19	2802.86	653896.49	503454.61
9876.00	91.10	289.00	7606.43	865.88N	2698.37W	3.23	2833.86	653867.05	503464.30
9908.00	90.80	288.70	7605.90	876.22N	2728.65W	1.33	2865.85	653836.72	503474.50
9940.00	91.00	289.10	7605.40	886.58N	2758.92W	1.40	2897.84	653806.41	503484.72
9972.00	91.10	289.40	7604.81	897.13N	2789.13W	0.99	2929.83	653776.15	503495.12
10003.00	91.20	289.70	7604.19	907.50N	2818.34W	1.02	2960.81	653746.90	503505.35
10035.00	91.40	290.10	7603.46	918.39N	2848.42W	1.40	2992.79	653716.77	503516.10
10067.00	91.00	289.40	7602.79	929.20N	2878.53W	2.52	3024.77	653686.61	503526.77
10099.00	91.50	289.70	7602.09	939.91N	2908.68W	1.82	3056.75	653656.41	503537.33
10131.00	91.50	289.00	7601.25	950.51N	2938.86W	2.19	3088.73	653626.18	503547.78
10162.00	90.90	290.10	7600.61	960.88N	2968.07W	4.04	3119.71	653596.93	503558.02
10194.00	91.00	289.70	7600.08	971.77N	2998.15W	1.29	3151.69	653566.80	503568.76
10226.00	90.60	289.70	7599.63	982.55N	3028.27W	1.25	3183.68	653536.62	503579.41
10258.00	89.60	290.10	7599.57	993.45N	3058.36W	3.37	3215.66	653506.48	503590.15
10289.00	89.30	289.40	7599.87	1003.92N	3087.54W	2.46	3246.65	653477.26	503600.49
10321.00	89.60	289.70	7600.18	1014.63N	3117.69W	1.33	3278.64	653447.06	503611.05
10353.00	88.90	289.70	7600.60	1025.41N	3147.82W	2.19	3310.62	653416.89	503621.70
10385.00	89.10	289.40	7601.15	1036.12N	3177.97W	1.13	3342.61	653386.69	503632.26
10416.00	89.50	289.70	7601.53	1046.49N	3207.18W	1.61	3373.59	653357.43	503642.49
10448.00	88.90	289.00	7601.98	1057.10N	3237.37W	2.88	3405.58	653327.19	503652.95
10480.00	88.30	289.00	7602.76	1067.51N	3267.61W	1.87	3437.57	653296.90	503663.22

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 3437.57 on azimuth 288.09 degrees from wellhead.
Vertical section is from N 0.00 W 0.00 on azimuth 288.10 degrees.
Grid is mercator - New Mexico East (3001).
Grid coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ



DEVON ENERGY

Created by tray
Data plotted : 6-Dec-2005
Plot Reference is Plan 1.
Coordinates are in feet reference structure.
True Vertical Depths are reference structure.
--- Baker Hughes INTEQ ---

Structure : Apache 24 Fed #11-H

Slot : slot #1

Field : DELAWARE

Location : Eddy County New Mexico

INTEQ

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP	5920.00	0.00	288.10	5920.00	0.00	0.00	0.00	0.00
Target 1	6929.55	29.71	288.10	6884.93	79.50	-243.23	255.89	2.94
KOP	7520.00	29.71	288.10	7397.78	170.40	-521.34	548.48	0.00
Target 2	8006.28	91.03	288.10	7626.92	295.54	-904.19	951.26	12.61
End of Hold	8017.00	91.03	288.10	7626.73	298.87	-914.38	961.99	0.00
T.D. & End of Drop	10582.00	90.02	288.10	7603.32	1095.76	-3352.31	3526.85	0.04

