

devon

PMES0-520342414

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

FAX

To: MIKE STONER

From: KEN GRAM

Fax: 505-476-3462

Date: 6/13/05

Phone:

Pages: 9 (including cover page)

Re: APPX 24 FED #11 H

CC:

☐ Urgent☒ For Review☐ Please Comment☐ Please Reply☐ Please Recycle

• Comments:

NSL-5181 (BHL) (SD)

PA = S $\frac{1}{2}$ S $\frac{1}{2}$ Section 24

NSL-5110 (BHL) (SD)

PA = N $\frac{1}{2}$ S $\frac{3}{2}$ Section 24

NSL-5239 (BHL) (SD)

PA = S $\frac{1}{2}$ NE $\frac{1}{4}$ and SE $\frac{1}{4}$ NW $\frac{1}{4}$

devon

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Fax 405-552-8113

June 10, 2005

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: Michael Stogner

RE: Apache 24 Federal #11H
Section 24-T22S-R30E
Eddy County, New Mexico

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, intends to drill the referenced horizontal Delaware well to a total vertical depth of 7,605' with a total measured depth of 10,581'. As reflected on the attached C-102, the well has been permitted at a surface location of 330' FEL and 1,430' FNL with a permitted bottom hole location of 330' FNL and 1,650' FWL of Section 24. The initial portion of the open hole (and potentially productive) horizontal section of the well will be located 1,250' FEL and 1,104' FNL which is an unorthodox location.

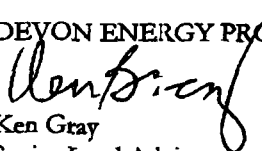
Inasmuch as the initial portion of the open hole horizontal section of the referenced well is located at an unorthodox location from that permitted by the Statewide Pool Rules, Devon respectfully requests that the Commission administratively approve this application for an unorthodox location in accordance with Division Rule 104(F)(3). This unorthodox location affects the leasehold owner in Unit letters A, B, G, & H. Devon is the owner of 100% Record Title of Federal Lease NM 89051 which covers Unit letters A, B, G & H, among other lands. Therefore, no additional notification of this application should be required as this unorthodox location will affect Devon leasehold only.

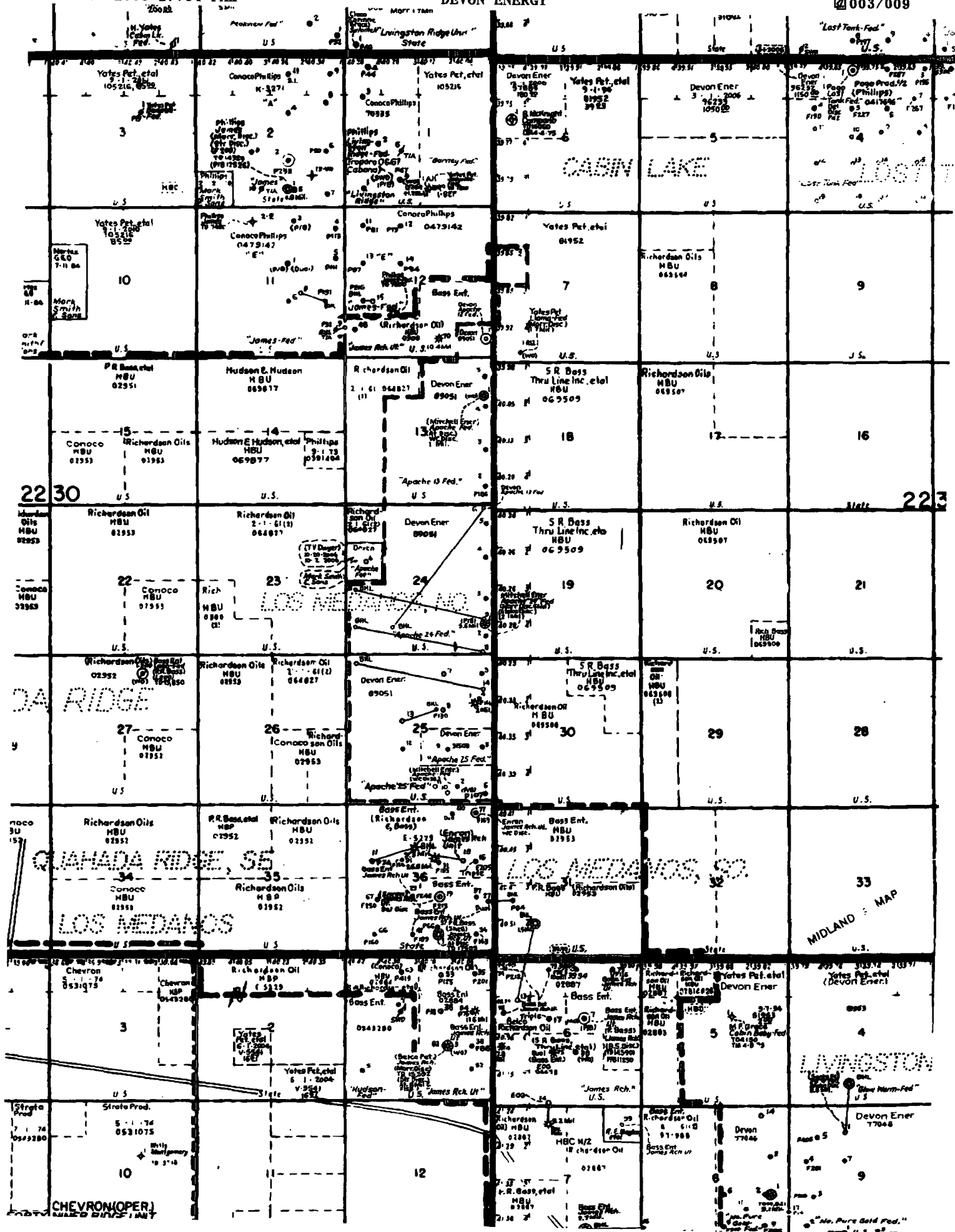
Attached for your review you will find a land plat reflecting Devon as the only affected party, a structure map covering the Lower Brushy Canyon sand, a State of New Mexico form C-102, and a Well Profile Planning Report prepared by Pathfinder Energy Services.

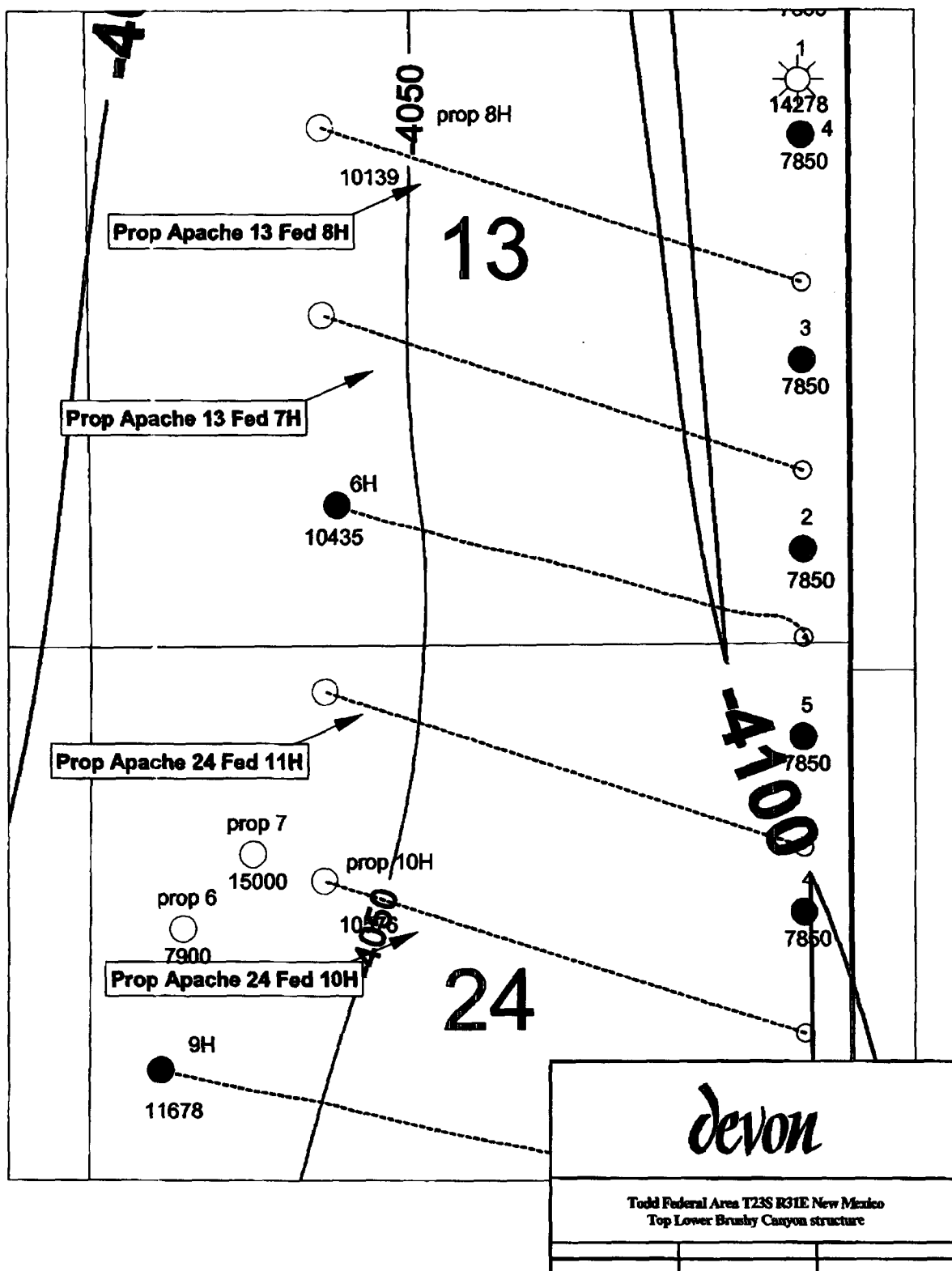
Feel free to contact the undersigned at (405) 552-4633 if there are any concerns or questions regarding this application.

Yours very truly,

DEVON ENERGY PRODUCTION COMPANY, L.P.


Ken Gray
Senior Land Advisor
KG\Apache 24-11 UL
Enclosure





DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

811 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2086

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name APACHE "24" FEDERAL	Well Number 11
OGRID No.	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3383'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	24	22 S	30 E		1430	NORTH	330	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	22 S	30 E		330	NORTH	1650	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
120			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature _____ Printed Name _____ Title _____ Date _____
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 14, 2005 Date Surveyed _____ Signature _____ Professional Surveyor
	Certified _____ Gary L. Jones 7977 PROFESSIONAL SURVEYOR



PathFinder Planning Report

Field: Apache, Section 24, T22-S, R30-E

Map System: US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1886)

Sys Datum: Mean Sea Level

Map Zone:

New Mexico, Eastern Zone

Coordinate System:

Well Centre

Geomagnetic Model:

lgr2005

Site: Apache 24 Federal #11H

Eddy County, New Mexico

Site Position:

From: Geographic

Position Uncertainty:

Ground Level:

Northing: 502811.28 ft

Easting: 656569.33 ft

Latitude: 32 22 50.783 N

Longitude: 103 49 34.189 W

North Reference: True

Grid Convergence: 0.27 deg

Well: Apache 24 Federal #11H

Slot Name:

Well Position: +N-S 0.00 ft

+E-W 0.00 ft

Position Uncertainty: 0.00 ft

Northing: 502811.28 ft

Easting: 656569.33 ft

Latitude: 32 22 50.783 N

Longitude: 103 49 34.189 W

Wellpath: Original Hole

Current Datum: SITE

Magnetic Data: 4/14/2005

Field Strength: 49339 nT

Vertical Section: Depth From (TVD)

Height 0.00 ft

+N-S

ft

Drilled From: Surface

Tie-on Depth: 0.00 ft

Above System Datum: Mean Sea Level

Declination: 8.44 deg

Mag Dip Angle: 60.44 deg

+E-W

ft

Direction

deg

7605.00

0.00

0.00

288.10

Plan: Plan #1 041405

Date Composed: 4/14/2005

Principal: No

Version: 1

Tied-to: From Surface

Plan Section Information

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5920.00	0.00	0.00	5920.00	0.00	0.00	0.00	0.00	0.00	0.00
6939.97	30.00	288.10	6894.00	81.08	-248.07	2.94	2.94	0.00	288.10
7517.08	30.00	288.10	7393.79	170.73	-522.34	0.00	0.00	0.00	0.00
8001.32	90.00	288.10	7625.00	295.14	-902.99	12.39	12.39	0.00	0.00
8016.17	90.45	288.10	7624.94	299.76	-917.11	3.00	3.00	-0.01	-0.23
10581.33	90.45	288.10	7605.00	1098.59	-3355.28	0.00	0.00	0.00	0.00

Apache 24 Fed 11H PBHL

Survey

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	0.00
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	0.00
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00	0.00
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	0.00
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	0.00



PathFinder Planning Report

Survey

1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	0.00	0.00
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	0.00	0.00
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	0.00	0.00
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	0.00	0.00
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	0.00
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	0.00	0.00
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	0.00	0.00
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	0.00	0.00
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	0.00	0.00
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	0.00	0.00
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	0.00	0.00
5920.00	0.00	0.00	5920.00	0.00	0.00	0.00	0.00	0.00	0.00
6000.00	2.35	288.10	5999.98	0.51	-1.56	1.64	2.94	2.94	0.00
6100.00	5.29	288.10	6099.74	2.58	-7.90	8.31	2.94	2.94	0.00
6200.00	8.24	288.10	6199.04	6.24	-19.09	20.09	2.94	2.94	0.00
6300.00	11.18	288.10	6297.59	11.48	-35.12	36.95	2.94	2.94	0.00
6400.00	14.12	288.10	6395.16	18.28	-55.93	58.84	2.94	2.94	0.00
6500.00	17.06	288.10	6491.47	26.63	-81.47	85.71	2.94	2.94	0.00
6600.00	20.00	288.10	6588.27	36.50	-111.67	117.49	2.94	2.94	0.00

KOP w/2.9" Build Rates



PathFinder Planning Report

Survey

Station	Elev	Dist	Station	Elev	Dist	Station	Elev	Dist	Station	Elev	Dist
6700.00	22.94	288.10	6679.32	47.87	-146.48	154.08	2.94	2.94	0.00		
6800.00	25.88	288.10	6770.37	60.71	-165.74	195.41	2.94	2.94	0.00		
6900.00	28.82	288.10	6859.18	74.98	-229.41	241.35	2.94	2.94	0.00		
6939.97	30.00	288.10	6894.00	81.08	-248.07	260.98	2.94	2.94	0.00	End of Build @ 30° Incln	
7000.00	30.00	288.10	6945.99	90.41	-276.60	291.00	0.00	0.00	0.00		
7100.00	30.00	288.10	7032.59	105.84	-324.12	341.00	0.00	0.00	0.00		
7200.00	30.00	288.10	7119.19	121.47	-371.85	391.00	0.00	0.00	0.00		
7300.00	30.00	288.10	7205.79	137.01	-419.17	441.00	0.00	0.00	0.00		
7400.00	30.00	288.10	7292.40	152.54	-466.70	491.00	0.00	0.00	0.00		
7500.00	30.00	288.10	7379.00	168.08	-514.23	541.00	0.00	0.00	0.00		
7517.08	30.00	288.10	7393.79	170.73	-522.34	549.54	0.00	0.00	0.00	End of Hold/Begin 12.4° B	
7525.00	30.88	288.10	7400.62	171.88	-526.16	553.56	12.39	12.39	0.00		
7550.00	34.08	288.10	7421.69	176.15	-538.94	567.00	12.39	12.39	0.00		
7575.00	37.18	288.10	7442.01	180.68	-552.78	581.58	12.39	12.39	0.00		
7600.00	40.27	288.10	7461.51	185.53	-567.65	597.20	12.39	12.39	0.00		
7625.00	43.37	288.10	7480.14	190.71	-583.49	613.87	12.39	12.39	0.00		
7650.00	46.47	288.10	7497.84	196.20	-600.27	631.52	12.39	12.39	0.00		
7675.00	49.57	288.10	7514.56	201.97	-617.93	650.10	12.39	12.39	0.00		
7700.00	52.66	288.10	7530.25	208.02	-636.42	669.58	12.39	12.39	0.00		
7725.00	55.76	288.10	7544.87	214.32	-655.70	689.83	12.39	12.39	0.00		
7750.00	58.86	288.10	7558.37	220.85	-675.70	710.87	12.39	12.39	0.00		
7775.00	61.86	288.10	7570.71	227.60	-696.36	732.61	12.39	12.39	0.00		
7800.00	65.06	288.10	7581.86	234.55	-717.82	754.98	12.39	12.39	0.00		
7825.00	68.15	288.10	7591.79	241.68	-739.43	777.92	12.39	12.39	0.00		
7850.00	71.25	288.10	7600.46	248.97	-761.71	801.37	12.39	12.39	0.00		
7875.00	74.35	288.10	7607.85	256.38	-784.41	825.25	12.39	12.39	0.00		
7900.00	77.45	288.10	7613.94	263.92	-807.45	849.49	12.39	12.39	0.00		
7925.00	80.54	288.10	7618.72	271.54	-830.78	874.03	12.39	12.39	0.00		
7950.00	83.64	288.10	7622.15	279.23	-854.31	898.79	12.39	12.39	0.00		
7975.00	86.74	288.10	7624.25	286.97	-877.99	923.69	12.39	12.39	0.00		
8001.32	90.00	288.10	7625.00	295.14	-902.99	950.00	12.39	12.39	0.00		
8016.17	90.45	288.10	7624.94	299.78	-917.11	964.85	3.00	3.00	-0.01		
8100.00	90.45	288.10	7624.29	325.80	-996.79	1048.68	0.00	0.00	0.00		
8200.00	90.45	288.10	7623.51	356.86	-1091.84	1148.67	0.00	0.00	0.00		
8300.00	90.45	288.10	7622.74	387.92	-1186.89	1248.67	0.00	0.00	0.00		
8400.00	90.45	288.10	7621.96	418.99	-1281.93	1348.67	0.00	0.00	0.00		
8500.00	90.45	288.10	7621.18	450.05	-1376.98	1448.67	0.00	0.00	0.00		
8600.00	90.45	288.10	7620.40	481.12	-1472.03	1548.68	0.00	0.00	0.00		
8700.00	90.45	288.10	7619.63	512.18	-1567.08	1648.68	0.00	0.00	0.00		
8800.00	90.45	288.10	7618.85	543.24	-1662.13	1748.68	0.00	0.00	0.00		
8900.00	90.45	288.10	7618.07	574.31	-1757.18	1848.65	0.00	0.00	0.00		
9000.00	90.45	288.10	7617.29	605.37	-1852.23	1948.65	0.00	0.00	0.00		
9100.00	90.45	288.10	7616.52	636.43	-1947.28	2048.65	0.00	0.00	0.00		
9200.00	90.45	288.10	7615.74	667.50	-2042.33	2148.64	0.00	0.00	0.00		
9300.00	90.45	288.10	7614.96	698.58	-2137.38	2248.64	0.00	0.00	0.00		
9400.00	90.45	288.10	7614.18	729.62	-2232.43	2348.64	0.00	0.00	0.00		
9500.00	90.45	288.10	7613.41	760.69	-2327.48	2448.64	0.00	0.00	0.00		
9600.00	90.45	288.10	7612.63	791.75	-2422.53	2548.63	0.00	0.00	0.00		
9700.00	90.45	288.10	7611.85	822.82	-2517.58	2648.63	0.00	0.00	0.00		
9800.00	90.45	288.10	7611.07	853.88	-2612.63	2748.63	0.00	0.00	0.00		
9900.00	90.45	288.10	7610.30	884.94	-2707.68	2848.62	0.00	0.00	0.00		
10000.00	90.45	288.10	7609.52	916.01	-2802.73	2948.62	0.00	0.00	0.00		
10100.00	90.45	288.10	7608.74	947.07	-2897.78	3048.62	0.00	0.00	0.00		



PathFinder Planning Report

Survey

Station	Angle	Distance	Delta N	Delta E	Delta X	Delta Y	Delta Z	Delta S	Delta T
10200.00	90.45	288.10	7607.98	978.13	-2992.83	3148.61	0.00	0.00	0.00
10300.00	90.45	288.10	7607.19	1009.20	-3087.88	3248.61	0.00	0.00	0.00
10400.00	90.45	288.10	7606.41	1040.26	-3182.93	3348.61	0.00	0.00	0.00
10500.00	90.45	288.10	7605.63	1071.33	-3277.98	3448.61	0.00	0.00	0.00
10581.33	90.45	288.10	7605.00	1096.59	-3355.28	3529.93	0.00	0.00	0.00

Apache 24 Fed 11H PBHL

Targets

Target	Delta N	Delta E	Delta X	Delta Y	Delta Z	Delta S	Delta T
Apache 24 Fed 11H PBHL	7605.00	1096.59	-3355.28	503691.95	653208.89	32 23 1.633 N	103 50 13.297 W
Target 1 @ 950' VS	7625.00	295.14	-902.99	502902.14	655664.95	32 22 53.704 N	103 49 44.699 W

Annotation

Station	Angle	Distance	Delta N	Delta E	Delta X	Delta Y	Delta Z	Delta S	Delta T
5820.00	5920.00	KOP w/2.9° Build Rates							
6939.97	6894.00	End of Build @ 30° Inclination							
7517.08	7393.79	End of Hold/Begin 12.4° Build							



Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260
Fax 405-552-8113

June 10, 2005

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Attn: Michael Stogner

RE: Apache 24 Federal #11H
Section 24-T22S-R30E
Eddy County, New Mexico

2005 JUN 23 AM 9 01

Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, intends to drill the referenced horizontal Delaware well to a total vertical depth of 7,605' with a total measured depth of 10,581'. As reflected on the attached C-102, the well has been permitted at a surface location of 330' FEL and 1,430' FNL with a permitted bottom hole location of 330' FNL and 1,650' FWL of Section 24. The initial portion of the open hole (and potentially productive) horizontal section of the well will be located 1,250' FEL and 1,104' FNL which is an unorthodox location.

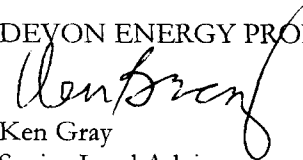
Inasmuch as the initial portion of the open hole horizontal section of the referenced well is located at an unorthodox location from that permitted by the Statewide Pool Rules, Devon respectfully requests that the Commission administratively approve this application for an unorthodox location in accordance with Division Rule 104(F)(3). This unorthodox location affects the leasehold owner in Unit letters A, B, G, & H. Devon is the owner of 100% Record Title of Federal Lease NM 89051 which covers Unit letters A, B, G & H, among other lands. Therefore, no additional notification of this application should be required as this unorthodox location will affect Devon leasehold only.

Attached for your review you will find a land plat reflecting Devon as the only affected party, a structure map covering the Lower Brushy Canyon sand, a State of New Mexico form C-102, and a Well Profile Planning Report prepared by Pathfinder Energy Services.

Feel free to contact the undersigned at (405) 552-4633 if there are any concerns or questions regarding this application.

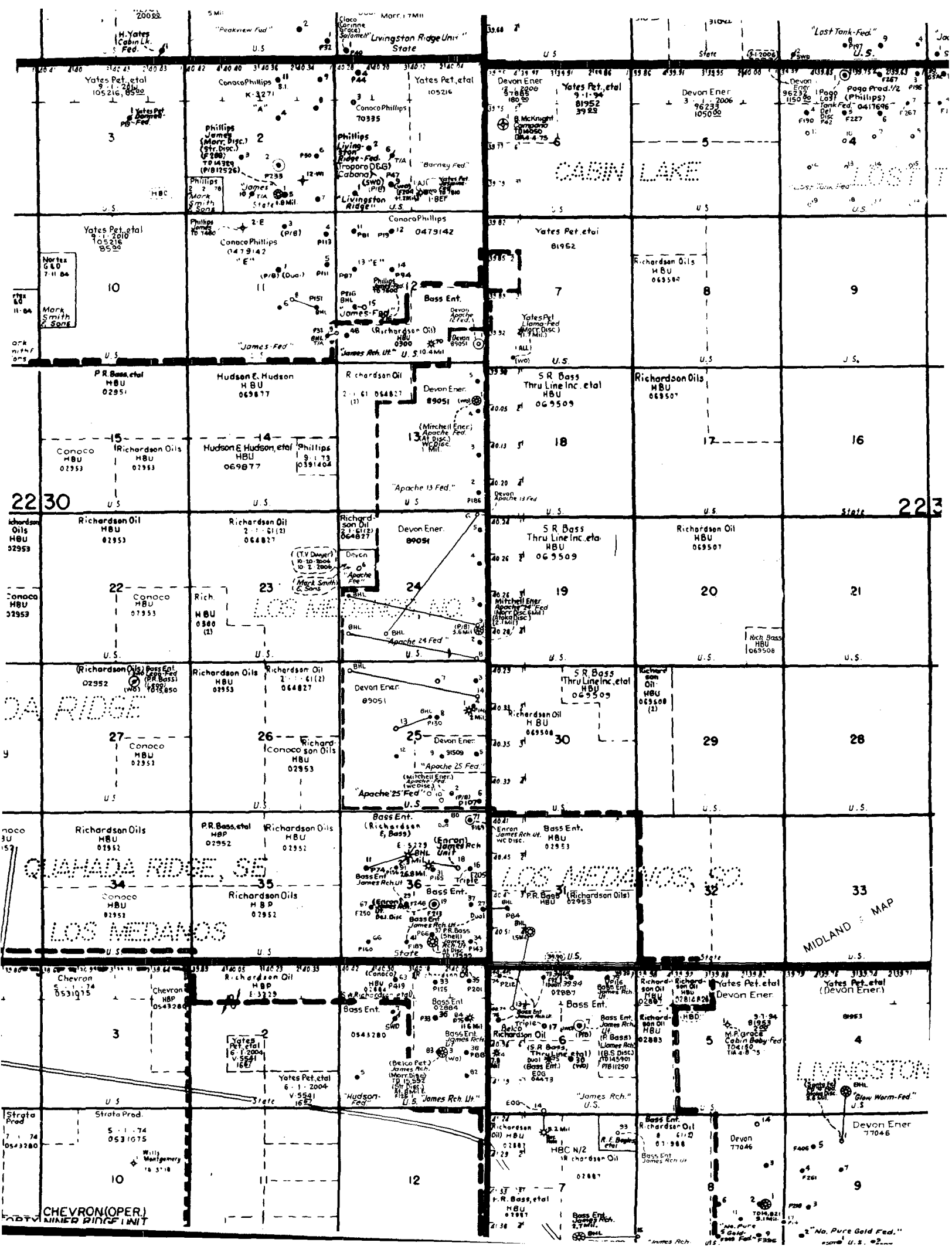
Yours very truly,

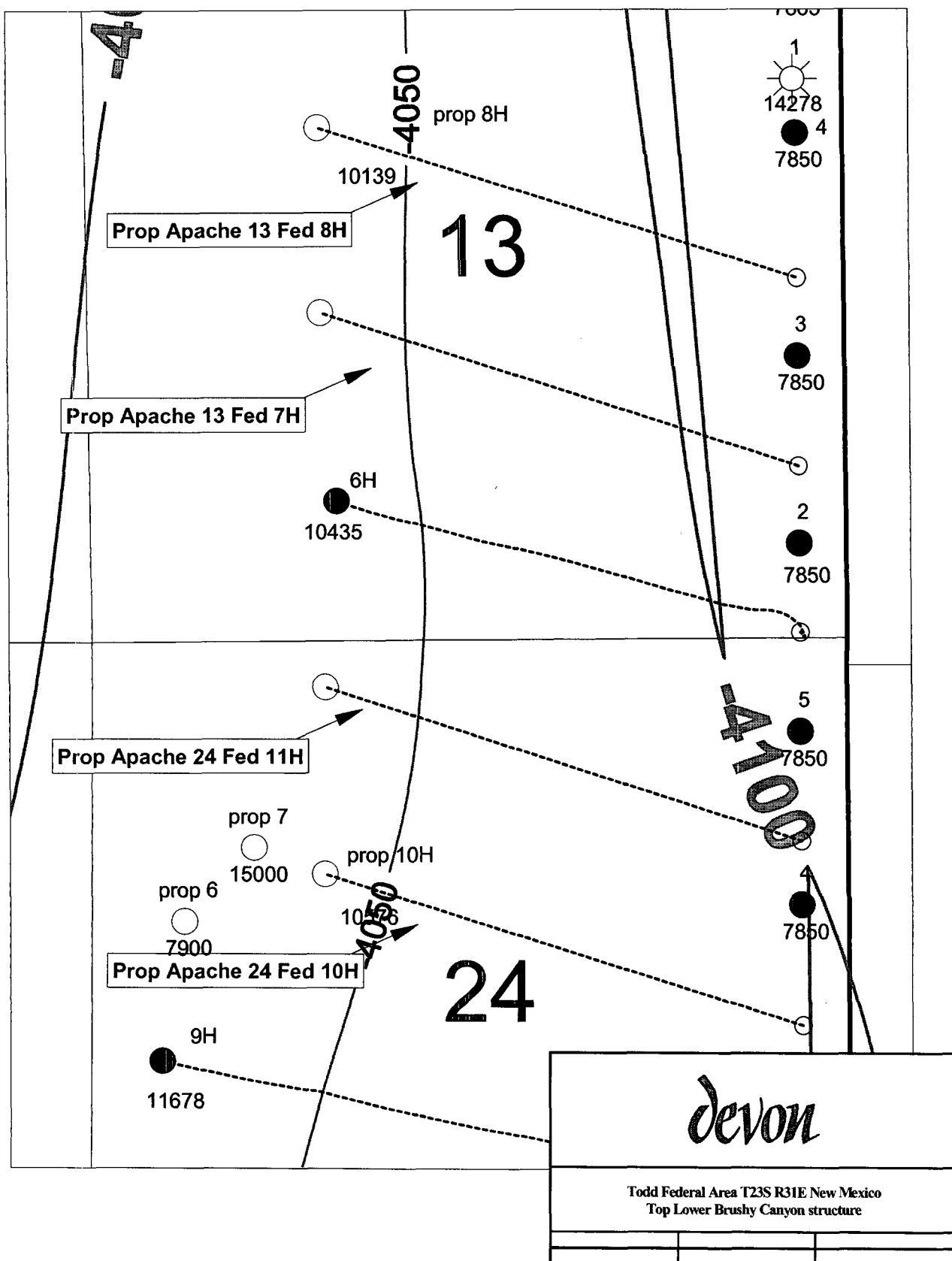
DEVON ENERGY PRODUCTION COMPANY, L.P.


Ken Gray
Senior Land Advisor
KG\Apache 24-11 UL
Enclosure

1250

$$\begin{array}{r} 01 \\ \times 250 \\ - 330 \\ \hline 920 \end{array} \quad \begin{array}{l} E/W \\ 1104 \\ \hline 216 \end{array}$$
$$\begin{array}{r} 1430 \\ - 1104 \\ \hline 326 \end{array} \quad \begin{array}{l} N/S \\ 1386 \\ - 1104 \\ \hline 282 \end{array}$$





DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name APACHE "24" FEDERAL	Well Number 11
OGRID No.	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3383'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	24	22 S	30 E		1430	NORTH	330	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	22 S	30 E		330	NORTH	1650	WEST	EDDY
Dedicated Acres 120	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature _____ Printed Name _____ Title _____ Date _____ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 14, 2005 Date Surveyed _____ Signature & Seal of JONES Professional Surveyor Certified by Gary L. Jones 7977
--	--



Company: Devon Energy			Date: 4/14/2005			Time: 14:03:04			Page: 1		
Field: Apache, Section 24, T22-S, R30-E			Co-ordinate(NE) Reference: Well: Apache 24 Federal #11H, True North								
Site: Apache 24 Federal #11H			Vertical (TVD) Reference: SITE 0.0								
Well: Apache 24 Federal #11H			Section (VS) Reference: Well (0.00N,0.00E,288.10Azi)								
Wellpath: Original Hole			Plan: Plan #1 041405								
Field: Apache, Section 24, T22-S, R30-E											
Map System: US State Plane Coordinate System 1927						Map Zone: New Mexico, Eastern Zone					
Geo Datum: NAD27 (Clarke 1866)						Coordinate System: Well Centre					
Sys Datum: Mean Sea Level						Geomagnetic Model: igrf2005					
Site: Apache 24 Federal #11H											
Eddy County, New Mexico											
Site Position:		Northing:		502611.28 ft		Latitude:		32 22 50.783 N			
From: Geographic		Easting:		656569.33 ft		Longitude:		103 49 34.169 W			
Position Uncertainty:		0.00 ft				North Reference:		True			
Ground Level:		3383.00 ft				Grid Convergence:		0.27 deg			
Well: Apache 24 Federal #11H											
Slot Name:											
Well Position:		+N/-S		0.00 ft		Northing:		502611.28 ft		Latitude: 32 22 50.783 N	
		+E/-W		0.00 ft		Easting:		656569.33 ft		Longitude: 103 49 34.169 W	
Position Uncertainty:		0.00 ft									
Wellpath: Original Hole											
Current Datum:		SITE		Height		0.00 ft		Drilled From:		Surface	
Magnetic Data:		4/14/2005						Tie-on Depth:		0.00 ft	
Field Strength:		49339 nT						Above System Datum:		Mean Sea Level	
Vertical Section:		Depth From (TVD)		+N/-S				Declination:		8.44 deg	
		ft		ft				Mag Dip Angle:		60.44 deg	
								+E/-W		Direction	
								ft		deg	
		7605.00		0.00		0.00		288.10			
Plan: Plan #1 041405											
Date Composed: 4/14/2005											
Version: 1											
Principal: No											
Tied-to: From Surface											
Plan Section Information											
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5920.00	0.00	0.00	5920.00	0.00	0.00	0.00	0.00	0.00	0.00		
6939.97	30.00	288.10	6894.00	81.08	-248.07	2.94	2.94	0.00	288.10		
7517.08	30.00	288.10	7393.79	170.73	-522.34	0.00	0.00	0.00	0.00		
8001.32	90.00	288.10	7625.00	295.14	-902.99	12.39	12.39	0.00	0.00		
8016.17	90.45	288.10	7624.94	299.76	-917.11	3.00	3.00	-0.01	-0.23		
10584.33	90.45	288.10	7605.00	1096.59	-3355.28	0.00	0.00	0.00	0.00	Apache 24 Fed 11H PBHL	
Survey											
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00		
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00		
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00		
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00		
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00		
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00		
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00		
800.00	0.00	0.00									

PathFinder

Planning Report

Company: Devon Energy
 Field: Apache, Section 24, T22-S, R30-E
 Site: Apache 24 Federal #11H
 Well: Apache 24 Federal #11H
 Wellpath: Original Hole

Date: 4/14/2005 Time: 14:03:04 Page: 2
 Co-ordinate(NE) Reference: Well: Apache 24 Federal #11H, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,288.10Azi)
 Plan: Plan #1 041405

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	0.00	0.00	
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	0.00	0.00	
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	0.00	
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	0.00	0.00	
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00	
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	0.00	0.00	
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	0.00	0.00	
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	0.00	0.00	
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	0.00	0.00	
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	0.00	0.00	
5920.00	0.00	0.00	5920.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP w/2.9° Build Rates
6000.00	2.35	288.10	5999.98	0.51	-1.56	1.64	2.94	2.94	0.00	
6100.00	5.29	288.10	6099.74	2.58	-7.90	8.31	2.94	2.94	0.00	
6200.00	8.24	288.10	6199.04	6.24	-19.09	20.09	2.94	2.94	0.00	
6300.00	11.18	288.10	6297.59	11.48	-35.12	36.95	2.94	2.94	0.00	
6400.00	14.12	288.10	6395.16	18.28	-55.93	58.84	2.94	2.94	0.00	
6500.00	17.06	288.10	6491.47	26.63	-81.47	85.71	2.94	2.94	0.00	
6600.00	20.00	288.10	6586.27	36.50	-111.67	117.49	2.94	2.94	0.00	

PathFinder

Planning Report

Company: Devon Energy
Field: Apache, Section 24, T22-S, R30-E
Site: Apache 24 Federal #11H
Well: Apache 24 Federal #11H
Wellpath: Original Hole

Date: 4/14/2005 **Time:** 14:03:04 **Page:** 3
Co-ordinate(NE) Reference: Well: Apache 24 Federal #11H, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,288.10Azi)
Plan: Plan #1 041405

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6700.00	22.94	288.10	6679.32	47.87	-146.46	154.08	2.94	2.94	0.00	
6800.00	25.88	288.10	6770.37	60.71	-185.74	195.41	2.94	2.94	0.00	
6900.00	28.82	288.10	6859.18	74.98	-229.41	241.35	2.94	2.94	0.00	
6939.97	30.00	288.10	6894.00	81.08	-248.07	260.98	2.94	2.94	0.00	End of Build @ 30° Incln
7000.00	30.00	288.10	6945.99	90.41	-276.60	291.00	0.00	0.00	0.00	
7100.00	30.00	288.10	7032.59	105.94	-324.12	341.00	0.00	0.00	0.00	
7200.00	30.00	288.10	7119.19	121.47	-371.65	391.00	0.00	0.00	0.00	
7300.00	30.00	288.10	7205.79	137.01	-419.17	441.00	0.00	0.00	0.00	
7400.00	30.00	288.10	7292.40	152.54	-466.70	491.00	0.00	0.00	0.00	
7500.00	30.00	288.10	7379.00	168.08	-514.23	541.00	0.00	0.00	0.00	
7517.08	30.00	288.10	7393.79	170.73	-522.34	549.54	0.00	0.00	0.00	End of Hold/Begin 12.4° B
7525.00	30.98	288.10	7400.62	171.98	-526.16	553.56	12.39	12.39	0.00	
7550.00	34.08	288.10	7421.69	176.15	-538.94	567.00	12.39	12.39	0.00	
7575.00	37.18	288.10	7442.01	180.68	-552.78	581.56	12.39	12.39	0.00	
7600.00	40.27	288.10	7461.51	185.53	-567.65	597.20	12.39	12.39	0.00	
7625.00	43.37	288.10	7480.14	190.71	-583.49	613.87	12.39	12.39	0.00	
7650.00	46.47	288.10	7497.84	196.20	-600.27	631.52	12.39	12.39	0.00	
7675.00	49.57	288.10	7514.56	201.97	-617.93	650.10	12.39	12.39	0.00	
7700.00	52.66	288.10	7530.25	208.02	-636.42	669.56	12.39	12.39	0.00	
7725.00	55.76	288.10	7544.87	214.32	-655.70	689.83	12.39	12.39	0.00	
7750.00	58.86	288.10	7558.37	220.85	-675.70	710.87	12.39	12.39	0.00	
7775.00	61.96	288.10	7570.71	227.60	-696.36	732.61	12.39	12.39	0.00	
7800.00	65.06	288.10	7581.86	234.55	-717.62	754.98	12.39	12.39	0.00	
7825.00	68.15	288.10	7591.79	241.68	-739.43	777.92	12.39	12.39	0.00	
7850.00	71.25	288.10	7600.46	248.97	-761.71	801.37	12.39	12.39	0.00	
7875.00	74.35	288.10	7607.85	256.38	-784.41	825.25	12.39	12.39	0.00	
7900.00	77.45	288.10	7613.94	263.92	-807.45	849.49	12.39	12.39	0.00	
7925.00	80.54	288.10	7618.72	271.54	-830.78	874.03	12.39	12.39	0.00	
7950.00	83.64	288.10	7622.15	279.23	-854.31	898.79	12.39	12.39	0.00	
7975.00	86.74	288.10	7624.25	286.97	-877.99	923.69	12.39	12.39	0.00	
8001.32	90.00	288.10	7625.00	295.14	-902.99	950.00	12.39	12.39	0.00	
8016.17	90.45	288.10	7624.94	299.76	-917.11	964.85	3.00	3.00	-0.01	
8100.00	90.45	288.10	7624.29	325.80	-996.79	1048.68	0.00	0.00	0.00	
8200.00	90.45	288.10	7623.51	356.86	-1091.84	1148.67	0.00	0.00	0.00	
8300.00	90.45	288.10	7622.74	387.92	-1186.89	1248.67	0.00	0.00	0.00	
8400.00	90.45	288.10	7621.96	418.99	-1281.93	1348.67	0.00	0.00	0.00	
8500.00	90.45	288.10	7621.18	450.05	-1376.98	1448.67	0.00	0.00	0.00	
8600.00	90.45	288.10	7620.40	481.12	-1472.03	1548.66	0.00	0.00	0.00	
8700.00	90.45	288.10	7619.63	512.18	-1567.08	1648.66	0.00	0.00	0.00	
8800.00	90.45	288.10	7618.85	543.24	-1662.13	1748.66	0.00	0.00	0.00	
8900.00	90.45	288.10	7618.07	574.31	-1757.18	1848.65	0.00	0.00	0.00	
9000.00	90.45	288.10	7617.29	605.37	-1852.23	1948.65	0.00	0.00	0.00	
9100.00	90.45	288.10	7616.52	636.43	-1947.28	2048.65	0.00	0.00	0.00	
9200.00	90.45	288.10	7615.74	667.50	-2042.33	2148.64	0.00	0.00	0.00	
9300.00	90.45	288.10	7614.96	698.56	-2137.38	2248.64	0.00	0.00	0.00	
9400.00	90.45	288.10	7614.18	729.62	-2232.43	2348.64	0.00	0.00	0.00	
9500.00	90.45	288.10	7613.41	760.69	-2327.48	2448.64	0.00	0.00	0.00	
9600.00	90.45	288.10	7612.63	791.75	-2422.53	2548.63	0.00	0.00	0.00	
9700.00	90.45	288.10	7611.85	822.82	-2517.58	2648.63	0.00	0.00	0.00	
9800.00	90.45	288.10	7611.07	853.88	-2612.63	2748.63	0.00	0.00	0.00	
9900.00	90.45	288.10	7610.30	884.94	-2707.68	2848.62	0.00	0.00	0.00	
10000.00	90.45	288.10	7609.52	916.01	-2802.73	2948.62	0.00	0.00	0.00	
10100.00	90.45	288.10	7608.74	947.07	-2897.78	3048.62	0.00	0.00	0.00	

PathFinder

Planning Report

Company: Devon Energy	Date: 4/14/2005	Time: 14:03:04	Page: 4
Field: Apache, Section 24, T22-S, R30-E	Co-ordinate(NE) Reference: Well: Apache 24 Federal #11H, True North		
Site: Apache 24 Federal #11H	Vertical (TVD) Reference: SITE 0.0		
Well: Apache 24 Federal #11H	Section (VS) Reference: Well (0.00N,0.00E,288.10Azi)		
Wellpath: Original Hole	Plan: Plan #1 041405		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
10200.00	90.45	288.10	7607.96	978.13	-2992.83	3148.61	0.00	0.00	0.00	
10300.00	90.45	288.10	7607.19	1009.20	-3087.88	3248.61	0.00	0.00	0.00	
10400.00	90.45	288.10	7606.41	1040.26	-3182.93	3348.61	0.00	0.00	0.00	
10500.00	90.45	288.10	7605.63	1071.33	-3277.98	3448.61	0.00	0.00	0.00	
10581.33	90.45	288.10	7605.00	1096.59	-3355.28	3529.93	0.00	0.00	0.00	Apache 24 Fed 11H PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
Apache 24 Fed 11H PBHL			7605.00	1096.59	-3355.28	503691.95	653208.89	32 23 1.633 N	103 50 13.297 W
Target 1 @ 950' VS			7625.00	295.14	-902.99	502902.14	655664.95	32 22 53.704 N	103 49 44.699 W

Annotation

MD ft	TVD ft	
5920.00	5920.00	KOP w/2.9° Build Rates
6939.97	6894.00	End of Build @ 30° Inclination
7517.08	7393.79	End of Hold/Begin 12.4° Build