Form 3160-4
August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **NMNM89052**

a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
. 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.

. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP

8. Lease Name and Well No. **Apache 25 Federal 13**

. Address
20 North Broadway, Ste 1500
Oklahoma City, OK 73102-8260

3a. Phone No. (include area code)
405-228-8209

9. API Well No. **30-015-33440**

. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface **2360 FNL 1980 FWL**
At top prod. Interval reported below
At total Depth 1947 FNL & 2062 FEL

10. Field and Pool, or Exploratory **Quahada Ridge SE Delaware**

11. Sec, T., R., M., on Block and Survey or Area **25 22S 30E**

12. County or Parish **Eddy** 13. State **NM**

14. Date Spudded **6/9/2004**

15. Date T.D. Reached **6/27/2004**

16. Date Completed **7/14/2004** ☐ D & A ☑ Ready to Prod.

17. Elevations (DR, RKB, RT, GL)* **2250' GL**

18. Total Depth: MD **7853'** TVD

19. Plug Back T.D.: MD **7806'** TVI

20. Depth Bridge Plug Set: MD TVI

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
EX-AITH-CMR

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 Sks. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H40	48	0	640		600 sx Cls C, circ 30 bbls		0	
11	8 5/8 J55	32	0	3830		1100 sx Cls C, circ 21 sx		0	
7 7/8	5 1/2 J55	15.5 & 17	0	7853		700 sx Cl C, circ 60 sx			

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 7/8	7438							

25. Producing Intervals

Formation	Top	Bottom
Brushy Canyon	7620	7636

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
7620-7636		32	Producing

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7620-7636	Frac w/ 200,000# 16/30 White Sand & 18,000# 16/30 EX-63696 Sand

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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
7/15/2004	7/21/2004	24	→	130	124	168			Pumping
Choke Size	**Tbg. Press. Flwg SI**	**Csg. Press**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	
			→	130	124	168	954	Producing Oil Well	

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**	
			→						

(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	**379**
				Salado	**665**
				Base Salado	**3606**
				Delaware	**3851**
				Cherry Canyon	**4794**
				Brushy Canyon	**6373**
				Bone Spring	**7764**

Additional remarks (include plugging procedure):

7/08/04 MIRUPU. Drill out DV tool.
7/09/04 Pressure test csg to 1000 psi--Held. RIH w/ guns & perf 7620-7636 w/ 2 SPF. Frac w/ 200,000# 16/30 White sand & 18,000# EX-63696 sand
7/13/04 RIH w/ 232 jts 2 7/8" tbg
7/14/04 RIH w/ rods & pump. Hang well on.

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

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

Name (Please print) Linda Guthrie Title Regulatory Specialist

Signature Linda Guthrie Date 8/6/2004

8 U.S.C Section 1001 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.

LEVON ENERGY

Structure : Apache 25 Fed no.13 Slot : slot #1

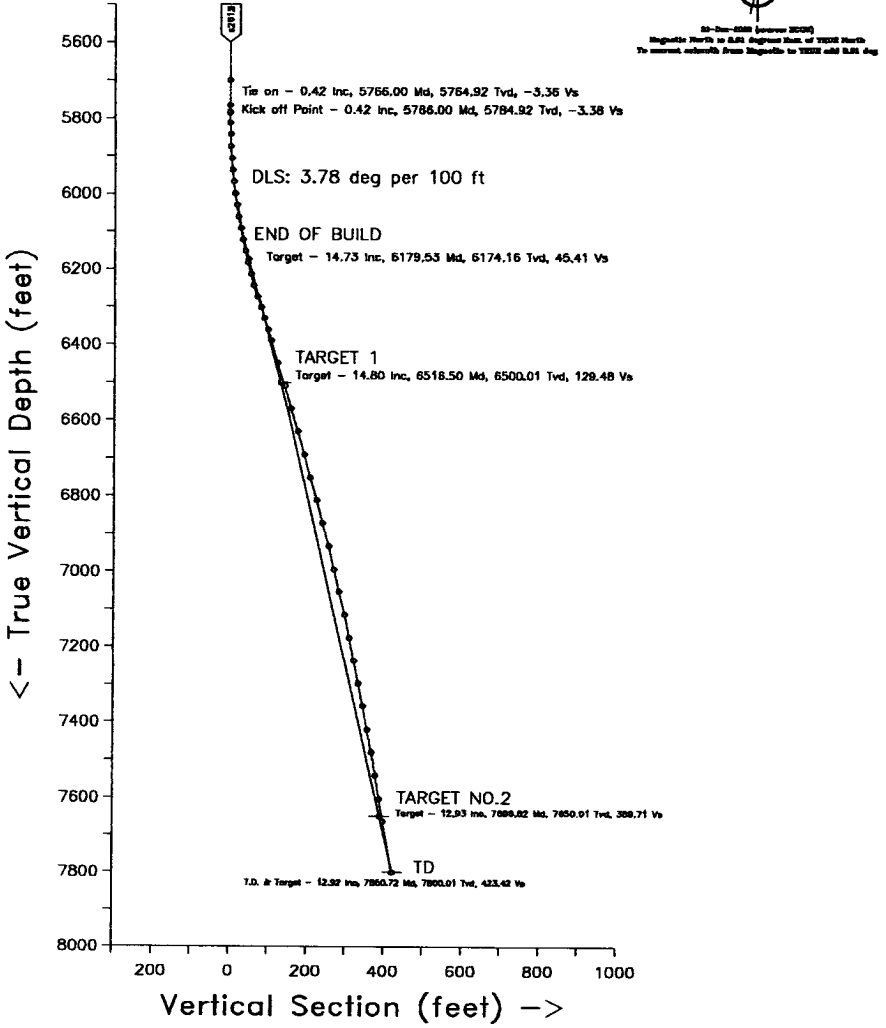
Field : Quahada Ridge (Delaware) Location : EDDY COUNTY, NM.

Created by odryonm
Date plotted : 7-Jul-2004
Plot Reference is PLAN NO.2.
Coordinates are in feet reference structure.
True Vertical Depths are reference structure.
opp13pvo
--- Baker Hughes INTEQ ---

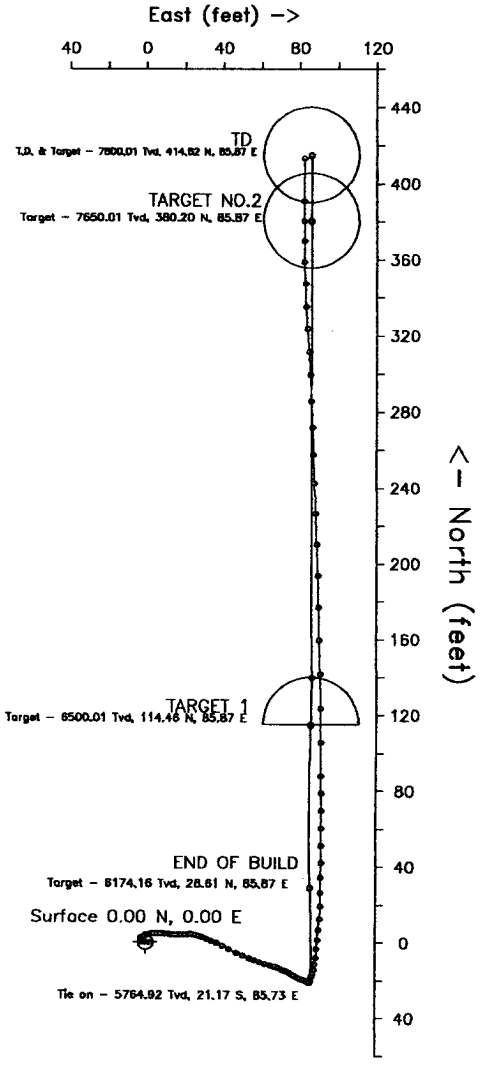
WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	5766.00	0.42	109.18	5764.92	-21.17	85.73	-2.83	0.00
KOP	5786.00	0.42	109.18	5784.92	-21.22	85.87	-2.85	0.00
Target	6179.53	14.73	358.44	6174.16	28.61	85.87	45.94	3.78
Target	6516.50	14.80	1.55	6500.01	114.46	85.87	130.01	0.24
KOP	6622.00	12.93	359.92	6602.44	139.73	86.22	154.83	1.81
Target	7696.82	12.93	359.91	7650.01	380.20	85.87	390.24	0.00
T.D. & Target	7850.72	12.92	0.09	7800.01	414.62	85.87	423.95	0.03

BAKER HUGHES INTEQ



Azimuth 11.69 with reference 0.00 N, 0.00 E from structure



DEVON ENERGY
Apache 25 Fed no.13

slot #1
Quahada Ridge (Delaware)
EDDY COUNTY, NM.

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

by
Baker Hughes INTEQ

Your ref : MWD Survey
Our ref : svy2615
License :

Date printed : 7-Jul-2004
Date created : 22-Jun-2004
Last revised : 30-Jun-2004

Field is centred on n32 21 47.500,w103 50 4.3
Structure is centred on n32 21 47.500,w103 50 4.3

Slot location is n32 21 47.500,w103 50 4.300
Slot Grid coordinates are N 496204.320, E 654015.305
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

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N 0.00 E	0.00	0.00
100.00	0.74	309.70	100.00	0.41 N 0.50 W	0.74	0.30
200.00	0.43	316.26	199.99	1.10 N 1.25 W	0.32	0.82
300.00	0.45	312.16	299.99	1.63 N 1.80 W	0.04	1.23
400.00	0.31	314.41	399.99	2.08 N 2.29 W	0.14	1.58
500.00	0.16	6.22	499.99	2.41 N 2.47 W	0.25	1.86
600.00	0.20	61.18	599.99	2.63 N 2.30 W	0.17	2.11
700.00	0.53	69.87	699.98	2.88 N 1.71 W	0.33	2.47
800.00	0.48	57.74	799.98	3.26 N 0.92 W	0.12	3.01
900.00	0.61	70.27	899.97	3.66 N 0.07 W	0.18	3.57
1000.00	0.48	73.38	999.97	3.96 N 0.84 E	0.13	4.05
1100.00	0.59	72.32	1099.97	4.24 N 1.73 E	0.11	4.50
1200.00	0.60	76.60	1199.96	4.52 N 2.73 E	0.05	4.98
1300.00	0.70	85.62	1299.95	4.69 N 3.85 E	0.14	5.37
1400.00	0.67	83.90	1399.95	4.79 N 5.04 E	0.04	5.72
1500.00	0.67	82.29	1499.94	4.93 N 6.20 E	0.02	6.09
1600.00	0.87	94.38	1599.93	4.96 N 7.53 E	0.26	6.38
1700.00	0.78	97.06	1699.92	4.81 N 8.97 E	0.10	6.53
1800.00	0.86	96.22	1799.91	4.65 N 10.39 E	0.08	6.66
1900.00	0.95	96.93	1899.90	4.47 N 11.96 E	0.09	6.80
2000.00	0.93	97.66	1999.88	4.26 N 13.58 E	0.02	6.92
2100.00	1.00	93.92	2099.87	4.09 N 15.26 E	0.09	7.10
2200.00	0.93	85.57	2199.86	4.09 N 16.94 E	0.16	7.44
2300.00	0.91	88.82	2299.84	4.17 N 18.54 E	0.06	7.84
2400.00	0.96	87.58	2399.83	4.23 N 20.17 E	0.05	8.22
2500.00	0.98	87.04	2499.82	4.30 N 21.86 E	0.02	8.65
2600.00	0.89	85.24	2599.80	4.41 N 23.49 E	0.09	9.08
2700.00	0.88	105.15	2699.79	4.28 N 25.01 E	0.31	9.25
2800.00	0.84	109.20	2799.78	3.84 N 26.44 E	0.07	9.11
2900.00	0.98	108.18	2899.77	3.33 N 27.94 E	0.14	8.92
3000.00	1.20	110.24	2999.75	2.70 N 29.74 E	0.22	8.67
3100.00	1.62	111.34	3099.72	1.82 N 32.04 E	0.42	8.28
3200.00	1.59	113.20	3199.68	0.76 N 34.63 E	0.06	7.76
3300.00	1.65	114.51	3299.64	0.38 S 37.22 E	0.07	7.17
3400.00	2.14	116.44	3399.58	1.81 S 40.20 E	0.49	6.37
3500.00	2.40	116.85	3499.51	3.59 S 43.74 E	0.26	5.35
3600.00	2.47	115.64	3599.42	5.47 S 47.55 E	0.09	4.28
3700.00	2.07	111.85	3699.34	7.07 S 51.17 E	0.43	3.44
3800.00	1.78	112.92	3799.28	8.35 S 54.27 E	0.29	2.82
3900.00	1.72	108.65	3899.23	9.43 S 57.13 E	0.14	2.34
4000.00	1.55	108.21	3999.19	10.34 S 59.83 E	0.17	2.00
4100.00	1.59	107.35	4099.16	11.17 S 62.44 E	0.05	1.71
4200.00	1.48	106.28	4199.12	11.95 S 65.00 E	0.11	1.47
4300.00	1.37	104.82	4299.09	12.62 S 67.40 E	0.12	1.30
4400.00	1.28	111.92	4399.06	13.34 S 69.59 E	0.19	1.04
4500.00	1.30	113.29	4499.04	14.20 S 71.67 E	0.04	0.61
4600.00	1.18	117.92	4599.01	15.13 S 73.62 E	0.16	0.10
4700.00	1.14	116.38	4698.99	16.06 S 75.42 E	0.05	-0.44
4800.00	0.90	120.37	4798.98	16.90 S 76.99 E	0.25	-0.95
4900.00	0.81	118.65	4898.97	17.63 S 78.29 E	0.09	-1.41

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 421.54 on azimuth 11.27 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 11.69 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect
5000.00	0.82	120.58	4998.96	18.34 S	79.53 E	0.03	-1.84
5100.00	0.75	112.90	5098.95	18.96 S	80.74 E	0.13	-2.20
5200.00	0.68	110.13	5198.94	19.41 S	81.90 E	0.08	-2.42
5300.00	0.60	116.81	5298.93	19.85 S	82.93 E	0.11	-2.64
5400.00	0.48	104.34	5398.93	20.19 S	83.80 E	0.17	-2.80
5500.00	0.37	115.93	5498.92	20.44 S	84.50 E	0.14	-2.89
5600.00	0.27	130.95	5598.92	20.74 S	84.97 E	0.13	-3.09
5700.00	0.28	119.23	5698.92	21.01 S	85.36 E	0.06	-3.28
5766.00	0.42	109.18	5764.92	21.17 S	85.73 E	0.23	-3.36
5783.00	0.40	83.50	5781.92	21.18 S	85.85 E	1.08	-3.35
5814.00	1.20	27.59	5812.92	20.88 S	86.10 E	3.32	-3.00
5844.00	2.37	10.37	5842.90	19.99 S	86.36 E	4.25	-2.08
5876.00	3.16	17.75	5874.87	18.50 S	86.75 E	2.70	-0.54
5907.00	4.13	13.88	5905.80	16.60 S	87.28 E	3.23	1.42
5938.00	4.75	13.88	5936.71	14.27 S	87.85 E	2.00	3.82
5969.00	6.06	11.07	5967.57	11.42 S	88.47 E	4.31	6.74
6000.00	7.47	6.85	5998.35	7.82 S	89.03 E	4.82	10.39
6032.00	8.53	5.09	6030.04	3.39 S	89.49 E	3.40	14.82
6063.00	9.40	5.40	6060.66	1.42 N	89.93 E	2.81	19.62
6094.00	10.46	6.10	6091.20	6.74 N	90.47 E	3.44	24.93
6125.00	11.78	4.74	6121.62	12.70 N	91.03 E	4.34	30.88
6156.00	12.74	1.58	6151.91	19.27 N	91.38 E	3.78	37.38
6187.00	13.89	0.17	6182.08	26.40 N	91.49 E	3.85	44.39
6219.00	14.80	0.50	6213.08	34.33 N	91.54 E	2.86	52.17
6249.00	15.80	1.58	6242.01	42.25 N	91.68 E	3.47	59.95
6281.00	17.10	0.17	6272.70	51.31 N	91.82 E	4.25	68.85
6311.00	17.70	359.47	6301.33	60.28 N	91.79 E	2.12	77.62
6342.00	17.60	359.12	6330.87	69.68 N	91.67 E	0.47	86.80
6373.00	17.30	359.47	6360.44	78.97 N	91.56 E	1.03	95.88
6403.00	17.10	359.47	6389.10	87.84 N	91.47 E	0.67	104.55
6464.00	16.70	359.12	6447.47	105.57 N	91.26 E	0.68	121.87
6527.00	16.30	359.47	6507.87	123.46 N	91.04 E	0.65	139.35
6591.00	16.60	358.77	6569.25	141.59 N	90.76 E	0.56	157.04
6654.00	16.40	358.77	6629.66	159.47 N	90.37 E	0.32	174.48
6717.00	15.90	358.77	6690.17	176.99 N	90.00 E	0.79	191.56
6779.00	15.30	358.06	6749.89	193.66 N	89.54 E	1.02	207.79
6842.00	15.10	358.41	6810.68	210.17 N	89.03 E	0.35	223.85
6905.00	14.80	357.30	6871.55	226.41 N	88.42 E	0.66	239.63
6968.00	14.80	357.36	6932.46	242.49 N	87.67 E	0.02	255.22
7031.00	13.40	358.77	6993.56	257.82 N	87.14 E	2.29	270.13
7092.00	12.90	357.71	7052.96	271.69 N	86.72 E	0.91	283.63
7155.00	12.90	357.71	7114.37	285.75 N	86.16 E	0.00	297.28
7218.00	11.90	357.36	7175.90	299.26 N	85.58 E	1.59	310.40
7279.00	11.16	355.95	7235.67	311.43 N	84.87 E	1.30	322.17
7342.00	11.16	355.95	7297.48	323.60 N	84.01 E	0.00	333.91
7404.00	10.99	357.71	7358.33	335.49 N	83.35 E	0.61	345.42
7466.00	11.16	357.36	7419.17	347.39 N	82.84 E	0.29	356.97
7528.00	10.40	358.77	7480.08	358.98 N	82.44 E	1.30	368.23
7590.00	10.00	0.52	7541.10	369.95 N	82.37 E	0.82	378.97
7652.00	9.60	359.50	7602.19	380.51 N	82.37 E	0.70	389.30

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 421.54 on azimuth 11.27 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 11.69 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect
7714.00	9.50	0.02	7663.33	390.79 N	82.33 E	0.21	399.37
7853.00	9.23	0.17	7800.48	413.41 N	82.37 E	0.20	421.52

All data is in feet unless otherwise stated.
Coordinates from structure and TVD from rotary table.
Bottom hole distance is 421.54 on azimuth 11.27 degrees from wellhead.
Vertical section is from N 0.00 E 0.00 on azimuth 11.69 degrees.
Calculation uses the minimum curvature method.
Presented by Baker Hughes INTEQ

JW DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

July 1, 2004

Devon Energy Production Company, LP
20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102

Re: Apache 25 Fed #13
Section 25, T-22 S, R-30-E
Eddy County, New Mexico

Attention: Don Culpepper

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

215' - 3/4°	3062' - 1 3/4°	3930' - 2 1/4°	6000' - 7.47°
388' - 1°	3142' - 2°	4144' - 1 3/4°	6156' - 12.74°
603' - 3/4°	3234' - 1 1/2°	4579' - 1 1/2°	6281' - 17.10°
844' - 1 1/4°	3450' - 2 3/4°	4988' - 1 1/2°	6577' - 15.90°
1182' - 3/4°	3553' - 2 3/4°	5455' - 3/4°	7155' - 12.90°
1672' - 1°	3615' - 2 1/4°	5786' - 1/2°	7279' - 11.16°
2162' - 1 1/4°	3706' - 3°	5814' -1 1/5°	7528' - 10.40°
2640' - 1 1/4°	3800' - 2°	5938' - 4 3/4°	7803' - 9.88°

Sincerely,

Jerry W. Wilbanks
President

RECEIVED
AUG 0 9 2004
OCD-ARTESIA

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 1st day of July, 2004 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19th, 2007

Virginia L Lang
NOTARY PUBLIC