

NOV 26 2007

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

S

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NM-89052							
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		7. Unit or CA Agreement Name and No.							
3. Address 20 North Broadway, Oklahoma City, OK 73102		8. Lease Name and Well No. Apache 25 Federal 10H							
3a. Phone No. (include area code) 405-235-3611		9. API Well No. 30-015-35597 0051							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 810' FSL 910' FEL At top prod. Interval reported below At total Depth BHL: 430' FSL & 330' FWL Sec 25 T22S R30E PP: 447' FSL & 1464' FEL		10. Field and Pool, or Exploratory Quahada Ridge Southeast; Delaware							
14. Date Spudded 7/29/2007		11. Sec. T., R., M., on Block and Survey or Area P SEC 25 T22S R30E							
15. Date T.D. Reached 8/27/2007		12. County or Parish Eddy 13. State NM							
16. Date Completed 10/9/2007 ☐ D & A ☒ Ready to Prod.		17. Elevations (DR, RKB, RT, GL)* 3339' GL							
18. Total Depth: MD 11,420' TVD 7,555'		20. Depth Bridge Plug Set: MD 11,336' TVI							
19. Plug Back T.D.: MD 11,336' TVI		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		23. Casing and Liner Record (Report all strings set in well)							
SPC/DENS/DUAL/NEUTRON & ARRAY/COMP/RES									
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" H40	48#		637'		650 sx CI C;100 sx to pit		Surface	
12 1/4"	9 5/8" J55	40#		3870'		1550 sx CI C;200 sx to pit		Surface	
8 3/4"	7" J55	26#		7935'		1310 sx CI C;200 sx to pit		Surface	
6 1/8"	4 1/2" N80	11.6#		11,420'		485 sx CI H;128 sx to pit		TOL 7220'	
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"	7,202'								
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
Delaware Brushy Canyon		10136	11332	10136-11332			23	Producing	
Delaware Brushy Canyon		8207	9502	8207-9502			23	Producing	
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
10136-11332		Acidize w/1400 gals 7 1/2% NEFE & 46 BS. Frac w/ 249K gals Spec Star 2800 Gel, 7021# 100 Mesh Sd, 302,563# 20/40 wh sd, 82,778# 16/30 SiberProp sd flush w/ 13,365 gals 10# gel.							
8207-9502		Acidize w/ 800 gals 7 1/2% NEFE acid. Frac w/ 251,961 gals Spectra Star 2800 Gel, 75K# 100 Mesh Sd, 302,500# 20/40 wh sd, 83,750# 16/30 Siberprop sd flush w/ 12,096 gals 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
10/9/2007	10/26/2007	24	→	205	62	364			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
300	90	→	205	62	364	302			
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)

ACCEPTED FOR RECORD

10/15/2007
DAVID R. GLASS
NOV 19 2007DAVID R. GLASS
PETROLEUM ENGINEER

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	Ibg. 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	Ibg. 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	345'
				Salado	639'
				Salt	762'
				Lamar	3872'
				Bell Canyon	3914'
				Cherry Canyon	4813'
				Brushy Canyon	6069'

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

Title

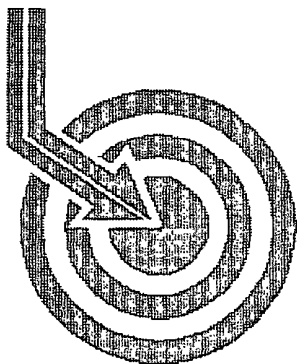
Regulatory Analyst

Signature

Date

11/13/2007

18 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.



Scientific Drilling

DEVON ENERGY

Field: Ingle Wells
Site: Eddy County, NM
Well: Apache 25 Fed #10H
Wellpath: VH - Job #32K0807676
Survey: 08/09/07

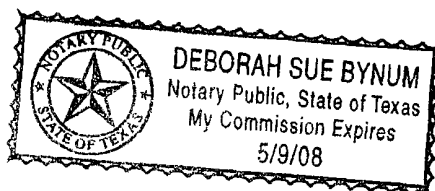
This survey is correct to the best of my knowledge
and is supported by actual field data.

Blhartr.....Company Representative

Notorized this date 13th of August, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: DEVON ENERGY
Field: Ingle Wells
Site: Eddy County, NM
Well: Apache 25 Fed #10H
Wellpath: VH - Job #32K0807676

Date: 08/10/2007 **Time:** 10:34:21 **Page:** 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,264.59Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey: 08/09/07
KSRG 0'-6790'
Company: Scientific Drilling Internatio
Tool: Keeper; Keeper Gyro

Start Date: 08/09/2007
Engineer: Guebara/Rowe/Lopez
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	359.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.39	282.90	100.00	0.32	0.08	-0.33	0.39	0.34	282.90
200.00	0.39	282.03	200.00	0.97	0.22	-1.00	0.01	1.02	282.61
300.00	0.51	310.61	299.99	1.60	0.58	-1.67	0.25	1.77	289.28
400.00	0.47	262.94	399.99	2.32	0.82	-2.41	0.40	2.55	288.82
500.00	0.56	269.68	499.99	3.22	0.77	-3.30	0.11	3.39	283.09
600.00	0.65	260.80	599.98	4.27	0.67	-4.35	0.13	4.40	278.82
700.00	0.84	263.23	699.97	5.57	0.50	-5.64	0.19	5.66	275.05
800.00	0.81	251.32	799.96	6.99	0.19	-7.03	0.17	7.04	271.51
900.00	0.96	258.48	899.95	8.51	-0.21	-8.52	0.19	8.53	268.60
1000.00	0.91	256.72	999.94	10.13	-0.56	-10.12	0.06	10.13	266.84
1100.00	0.70	252.03	1099.93	11.51	-0.93	-11.47	0.22	11.51	265.37
1200.00	0.86	242.65	1199.92	12.80	-1.46	-12.72	0.20	12.80	263.45
1300.00	0.90	242.61	1299.91	14.22	-2.17	-14.08	0.04	14.25	261.25
1400.00	1.00	237.67	1399.89	15.73	-2.99	-15.51	0.13	15.80	259.08
1500.00	0.78	241.64	1499.88	17.13	-3.78	-16.85	0.22	17.27	257.34
1600.00	0.99	228.88	1599.87	18.46	-4.68	-18.10	0.28	18.70	255.52
1700.00	0.99	235.33	1699.85	19.91	-5.73	-19.46	0.11	20.29	253.59
1800.00	0.82	229.01	1799.84	21.25	-6.69	-20.71	0.20	21.77	252.09
1900.00	0.85	221.76	1899.83	22.38	-7.72	-21.75	0.11	23.08	250.46
2000.00	1.02	223.82	1999.82	23.59	-8.91	-22.86	0.17	24.53	248.70
2100.00	1.07	217.89	2099.80	24.91	-10.29	-24.04	0.12	26.15	246.83
2200.00	0.81	226.21	2199.79	26.10	-11.52	-25.13	0.29	27.64	245.38
2300.00	0.81	233.04	2299.78	27.26	-12.43	-26.20	0.10	29.00	244.62
2400.00	0.97	214.54	2399.77	28.40	-13.55	-27.25	0.32	30.43	243.56
2500.00	0.88	225.93	2499.75	29.55	-14.78	-28.28	0.20	31.91	242.41
2600.00	0.89	211.06	2599.74	30.61	-15.98	-29.23	0.23	33.31	241.34
2700.00	1.30	214.09	2699.72	31.79	-17.58	-30.27	0.41	35.00	239.85
2800.00	1.49	215.36	2799.69	33.36	-19.58	-31.65	0.19	37.22	238.26
2900.00	1.40	210.17	2899.66	34.92	-21.69	-33.02	0.16	39.51	236.69
3000.00	1.38	216.37	2999.63	36.43	-23.72	-34.35	0.15	41.74	235.37
3100.00	1.48	197.08	3099.60	37.72	-25.92	-35.44	0.49	43.91	233.82
3200.00	1.76	188.38	3199.56	38.58	-28.67	-36.04	0.37	46.05	231.50
3300.00	1.56	191.85	3299.52	39.35	-31.52	-36.54	0.22	48.26	229.22
3400.00	1.58	184.11	3399.48	39.98	-34.23	-36.92	0.21	50.35	227.17
3500.00	1.60	179.65	3499.44	40.34	-37.00	-37.01	0.13	52.34	225.01
3600.00	1.87	173.38	3599.40	40.42	-40.02	-36.82	0.33	54.38	222.61
3700.00	1.87	167.74	3699.34	40.20	-43.23	-36.28	0.18	56.44	220.01
3800.00	1.70	170.45	3799.30	39.89	-46.29	-35.69	0.19	58.45	217.63
3900.00	1.76	163.09	3899.25	39.48	-49.22	-35.00	0.23	60.39	215.41
4000.00	1.69	172.04	3999.21	39.11	-52.15	-34.35	0.28	62.44	213.37
4100.00	1.70	169.04	4099.16	38.90	-55.06	-33.86	0.09	64.64	211.59
4200.00	1.48	164.10	4199.12	38.52	-57.77	-33.22	0.26	66.64	209.90
4300.00	1.58	165.79	4299.09	38.07	-60.35	-32.53	0.11	68.56	208.33
4400.00	1.37	162.43	4399.05	37.61	-62.83	-31.83	0.22	70.43	206.87
4500.00	1.14	166.54	4499.03	37.22	-64.94	-31.24	0.25	72.06	205.69
4600.00	1.35	162.57	4599.01	36.83	-67.03	-30.65	0.22	73.70	204.57
4700.00	1.00	161.04	4698.99	36.39	-68.97	-30.02	0.35	75.22	203.52
4800.00	1.12	163.71	4798.97	36.00	-70.74	-29.46	0.13	76.63	202.61



Scientific Drilling International

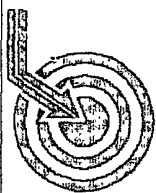
Survey Report

Company: DEVON ENERGY
Field: Ingle Wells
Site: Eddy County, NM
Well: Apache 25 Fed #10H
Wellpath: VH - Job #32K0807676

Date: 08/10/2007 Time: 10:34:21 Page: 2
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,264.59Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	1.37	163.90	4898.94	35.59	-72.82	-28.85	0.25	78.33	201.62
5000.00	1.27	172.38	4998.92	35.33	-75.07	-28.38	0.22	80.25	200.71
5100.00	1.24	164.75	5098.89	35.10	-77.21	-27.94	0.17	82.11	199.90
5200.00	1.14	172.93	5198.87	34.89	-79.24	-27.54	0.20	83.89	199.16
5300.00	1.22	172.65	5298.85	34.82	-81.29	-27.28	0.08	85.74	198.55
5400.00	1.08	170.44	5398.83	34.72	-83.27	-26.99	0.14	87.54	197.96
5500.00	1.01	159.02	5498.81	34.41	-85.03	-26.51	0.22	89.06	197.32
5600.00	1.00	183.80	5598.80	34.31	-86.72	-26.25	0.43	90.61	196.84
5700.00	0.78	179.23	5698.79	34.51	-88.27	-26.30	0.23	92.11	196.59
5800.00	1.05	188.70	5798.77	34.79	-89.86	-26.43	0.31	93.66	196.39
5900.00	1.09	182.68	5898.76	35.14	-91.71	-26.62	0.12	95.49	196.18
6000.00	1.05	185.55	5998.74	35.45	-93.57	-26.75	0.07	97.32	195.95
6100.00	0.85	198.37	6098.73	35.93	-95.19	-27.07	0.29	98.96	195.88
6200.00	1.07	204.01	6198.71	36.68	-96.75	-27.69	0.24	100.63	195.97
6300.00	1.03	197.19	6298.70	37.49	-98.46	-28.33	0.13	102.45	196.05
6400.00	1.04	203.14	6398.68	38.27	-100.15	-28.95	0.11	104.25	196.12
6500.00	1.21	218.26	6498.66	39.43	-101.82	-29.96	0.34	106.13	196.40
6600.00	1.17	210.68	6598.64	40.76	-103.52	-31.14	0.16	108.10	196.74
6700.00	1.22	211.18	6698.62	42.00	-105.31	-32.21	0.05	110.13	197.01
6790.00	1.08	218.33	6788.60	43.15	-106.80	-33.23	0.22	111.85	197.29



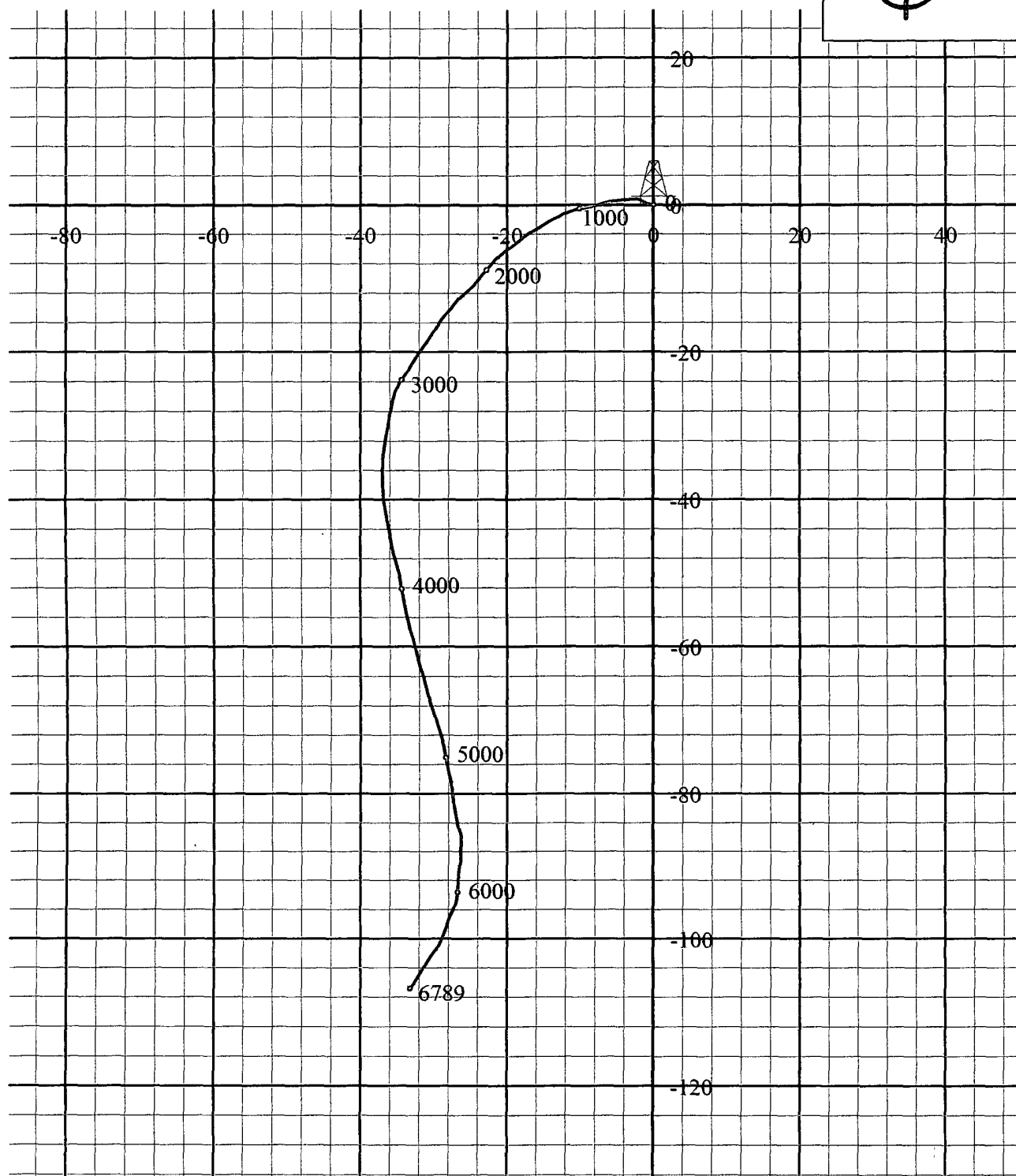
**Scientific
Drilling**

Field: Ingle Wells
Site: Eddy County, NM
Well: Apache 25 Fed #10H
Wellpath: VH - Job #32K0807676
Survey: 08/09/07



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 08/10/2007
Model: igrf2000

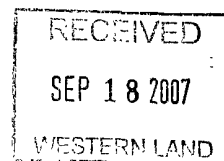


South(-)/North(+) [20ft/in]

West(-)/East(+) [20ft/in]

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL



Well Name and Number: Apache 25 Fed 10H

Location: Sec 25, 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	
1/2	346	85 3/4	7885
1	637	90.75	7952
1	1137	91	8016
3/4	1614	90.25	8112
3/4	2106	90.1	8144
1	2606	91.2	8207
1.3	3080	88.6	8335
1.42	4359	88.7	8367
1.5	4836	88.7	8367
.84	5336	92.2	8621
1.5	6765	91	8716
1.1	7081	89.5	8748
6.1	7144	88.5	8939
.21	7270	90.75	9258
24.7	7300	90.7	92.98
47.2	7460	89.2	9571
61.6	7587	89.9	9798
64 1/4	7619	93.1	9894
1	7683	93.4	10084
71	7713	93	10180
73 1/4	7750	91.5	10339
81 1/4	7841	90	10433

Drilling Contractor: McVay Drilling Company

By: H.H. Cronch Jr.

Subscribed and sworn to before me this 34th day of August, 2007

Tina Fleming

Notary Public
Lea County, New Mexico

My Commission Expires: 8-16-09



McVAY DRILLING COMPANY

P.O. Box 2450
Hobbs, New Mexico 88241
(505) 397-3311
FAX. 39-DRILL

Well Name and Number: Apache 25 Fed 10H

Location: Sec 25, 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:

<u>Degrees @ Depth</u>		<u>Degrees @ Depth</u>
88.5	10815	
89.75	10910	
90	11133	
90.4	11228	
91.5	11323	