Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Month - Year
FEB 1 3 2007
OCD - ARTESIA, NM

FORM APROVED
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 (Re-entry)

5. Lease Serial No.: NM-97120
6. If Indian, Allottee or Tribe Name:
7. Unit or CA Agreement Name and No.:

2. Name of Operator: **DEVON ENERGY PRODUCTION COMPANY, LP**

8. Lease Name and Well No.: **Fed N 1**

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

3a. Phone No. (include area code): **405-552-7802**

9. API Well No.: **30-015-23538**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface: **SL: 1980' FSL & 860' FEL**
At top prod. Interval reported below: **PP: 1966 FSL & 928 FEL**
At total Depth: **BHL: 1966' FSL & 928 FEL**

10. Field and Pool, or Exploratory:
11. Sec, T., R., M., on Block and Survey or Area: **5 T23S R26E**
12. County or Parish: **Eddy** 13. State: **New Mexico**

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DR, RKB, RT, GL)*
11/21/2006	12/17/2006	1/25/2007 ☐ D & A ☑ Ready to Prod.	3329'

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVI	20. Depth Bridge Plug Set: MD / TVI
11,775'	11,723'	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL-FDC-GR, DLL, BHC Sonic, Deviation Survey; submitted with intial completion. New logs: CNL, BHS, IND.

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 Pulle
17 1/2"	13 3/8" H-40	48#		397'		450 sx Cl C		0	
12 /14"	8 5/8" K-55	32# & 24#		3000'		1850 sx Cl C		0	
7 7/8"	5 1/2"HCP110	17#		11,775'		1650 sx Cl C; 158 sx to pit			

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"	11063'	11,050'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Morrow	11,088	11,559	11088-11559		234	Producing

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

Depth Interval	Amount and Type of Material
11088-11559	Acidize w/5000 gals 7.5% HCL acid + 270 ball slrs.
11088-11379	Frac w/88,500# Ultraprop 18/40 sn, 164 tons CO2, 763 SCF N-2.

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
1/25/2007	1/29/2007	24	→	0	1003	0	#DIV/0!		Flowing
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
14/64"	0	0	→	0	1003	0	#DIV/0!	Producing	

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
				Bone Springs Lime	**4971'**
				Bone Springs 1st Sand	**5869'**
				Bone Springs 2nd Sand	**6319'**
				Dean Sand	**8109'**
				Wolfcamp Sand	**8725'**
				Simpon Sand	**10,101'**
				Atoka Sand	**10,692'**
				Morrow Sand B Zone	**11240'**
				Morrow Sand A Zone	**11503'**
				Chester	**11698'**

Additional remarks (include plugging procedure):

01/06/07 - 01/25/07:

MIRU. Key WSU. NU BOP. PU 4 3/4" bit, DC's & tbg. Test csg to 1500# - ok. RU swivel & drill out dv tl @ 8012'. Circ clean. Re-tst csg to 1500# - ok. TIH w/bit to PBTD @ 11,723'. Circ clean, displace w/2% KCL w/3% methanol & deformer across pay @ 11,300'. RD pmp TOH w/tbg. RIH w/GR-CCL & CBL. TOC @ surf. RIH w/string mill to dv tl @ 8012'. RU swivel & mill out dv tl. RD swivel, swab. TOH w/tbg. RIH & perf 11,088-091' (3SPF); 11,182-186' (3SPF); 11,269-274' (3SPF); 11,278-282' (6SPF); 11,368-379' (6SPF); 11,404-409' (6SPF); 11,426-434' (6SPF); 11,554-559' (3SF); 234 holes. RD W/L. TIH w/pkr @ 11,020'. NU/DN BOP. NU tree saver. Acidize morrow w/5000 gals 7.5% HCL acid + 270 ball slrs. Swab. RU kill trk, ld tbg, rls pkr. TOH w/tbg & pkr. NU/DN BOP - NU frac valve. Frac 11,088-11,379' w/88,500# Ultraprop 18/40 sn, 164 tons CO2, 763 SCF N-2. Open well, flow bck. RIH w/ guage ring @ top of sn @ 11,537'. Set pkr assmbly, on/off tl & pkr 2.31 profile @ 11,050'. 4' tbg sub, 2.31 F nipple, 2.25" R nipple & EOT @ 11,063'. RD W/L. RIH w/on/off tl & tbg. J-UP to pkr. NU/DN BOP - NU tree. RU kill trk; pmp 66 bbls 2% KCL. Blw tbg disk, swab. Put well on production.

Note: Hole was deviated slightly to a measured depth of 8270', then drilled vertically to TD.

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)*

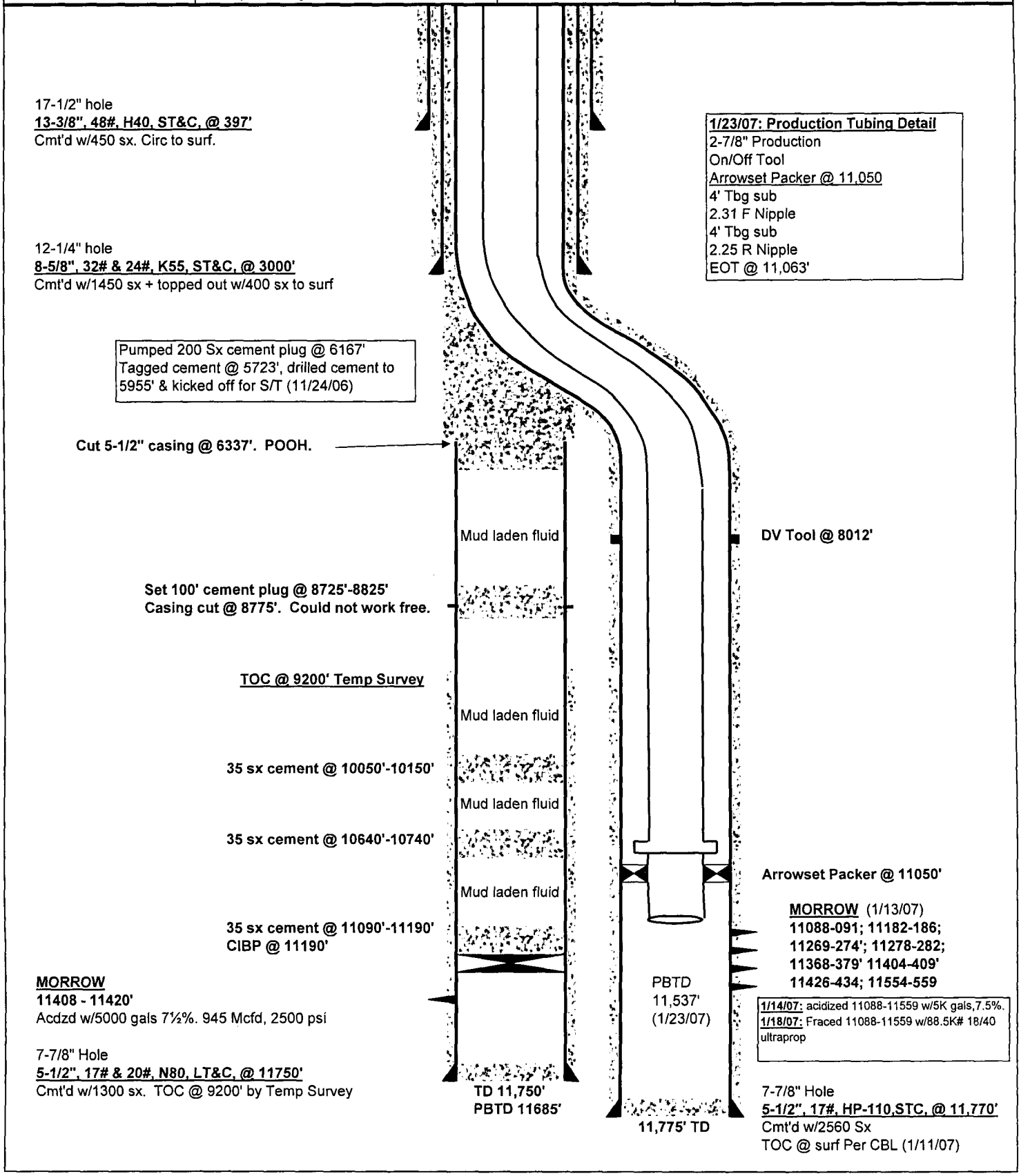
Name (Please print) Stephanie A. Ysasaga Title Sr. Staff Engineering Technician

Signature Date 3/30/2007

18 U.S.C Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowlingly 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.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FEDERAL N COM #1	Field: UNDESIGNATED MORROW	
Location: 1980' FSL & 860' FEL; SEC 5-T23S-R26E	County: EDDY	State: NM
Elevation: 3328' GR	Spud Date: 2/21/81	Compl Date: 5/9/81
API#: 30-015-23538 Prepared by: Ronnie Slack	Date: 1/31/07	Rev:



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

Well Name and Number: Federal N # 1

Location: Sec 5, T23S, R26E 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 ½	5901	¼	8672
2.1	5995	½	9204
3.2	6057	¼	9580
5.6	6215	¾	9953
5	6277	1 ½	10274
5.1	6526	1 ½	10721
4.4	6588	2 ¼	11103
½	7148	2 ¼	11491
½	7709		
½	7865		
¼	8052		
¼	8270		

Drilling Contractor: McVay Drilling Company

By: H. H. Cramer Jr

Subscribed and sworn to before me this 29th day of December, 2006

Tina Flemmer
Notary Public
Lea County, New Mexico

My Commission Expires: 8/1/09

Actual Wellpath Report

#1 AWP

BAKER HUGHES INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Devon Energy	Slot	#1_SHL
Area	Eddy County, NM	Well	Federal N Com #1
Field	Unknown	Wellbore	#1 AWB
Facility	Federal N Com		

REPORT SETUP INFORMATION			
Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect™ 1.2
North Reference	True	User	MitcAdrP
Scale	1.0002	Report Generated	02/02/07 at 14:24:16
Wellbore last revised	11/27/06	Database/Source file	WellArchitectDB/#1_AV

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	0.00	0.00	30 59 24.512N	105 55 44.137W
Facility Reference Pt			0.00	0.00	30 59 24.512N	105 55 44.137W
Field Reference Pt			0.00	0.00	30 59 24.512N	105 55 44.137W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on #1_SHL (RT) to Facility Vertical Datum	0.00 feet
Horizontal Reference Pt	Slot	Rig on #1_SHL (RT) to Mean Sea Level	0.00 feet
Vertical Reference Pt	Rig on #1_SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on #1_SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	330.00°

devon

Actual Wellpath Report

#1 AWP

BAKER HUGHES INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Devon Energy	Slot	#1_SHL
Area	Eddy County, NM	Well	Federal N Com #1
Field	Unknown	Wellbore	#1 AWB
Facility	Federal N Com		

WELLPATH DATA (25 stations)

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]
0.00	0.000	0.000	0.00	0.00	0.00	0.00	0.00
5901.00	1.600	208.000	5900.23	-43.66	-72.74	-38.68	0.03
5995.00	2.100	327.900	5994.21	-42.63	-72.44	-40.21	3.42
6026.00	2.600	335.000	6025.18	-41.36	-71.33	-40.81	1.86
6057.00	3.200	338.800	6056.14	-39.81	-69.88	-41.42	2.03
6088.00	3.800	346.200	6087.08	-37.97	-68.08	-41.98	2.42
6151.00	5.300	347.600	6149.88	-33.19	-63.21	-43.10	2.39
6215.00	5.600	349.400	6213.59	-27.43	-57.25	-44.31	0.54
6277.00	5.000	343.400	6275.33	-21.94	-51.69	-45.64	1.32
6339.00	4.900	339.200	6337.10	-16.70	-46.62	-47.35	0.61
6402.00	4.700	341.600	6399.88	-11.52	-41.66	-49.12	0.45
6463.00	5.000	338.100	6460.66	-6.44	-36.82	-50.90	0.69
6526.00	5.100	334.300	6523.41	-0.93	-31.75	-53.14	0.55
6588.00	4.400	329.700	6585.20	4.20	-27.22	-55.53	1.28
6681.00	3.100	327.600	6678.00	10.28	-22.01	-58.68	1.41
6774.00	1.900	321.900	6770.91	14.32	-18.68	-60.98	1.32
6868.00	1.000	323.700	6864.88	16.68	-16.79	-62.43	0.96
6962.00	0.200	277.300	6958.87	17.59	-16.11	-63.08	0.93
7148.00	0.400	288.200	7144.87	18.27	-15.86	-64.01	0.11
7334.00	0.200	261.500	7330.87	18.87	-15.71	-64.95	0.13
7521.00	0.300	271.000	7517.87	19.25	-15.75	-65.76	0.06
7708.00	0.400	331.100	7704.86	20.15	-15.17	-66.57	0.19
7865.00	0.300	310.700	7861.86	21.09	-14.42	-67.15	0.10
8052.00	0.300	293.800	8048.86	21.94	-13.90	-67.97	0.05
8270.00	0.300	180.300	8266.86	21.91	-14.24	-68.49	0.23

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
TGT		6550.00	43.30	-25.00	-24.38	43.66	30 59 24.940N	105 55 44.425W	point

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

Start MD [feet]	End MD [feet]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	8270.00	NaviTrak (Standard)	MWD	#1 AWB