

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N. Broadway Oklahoma City, OK 73102		OGRID Number 6137
		API Number 30-015-33293
Property Code 33571	Property Name Eddy FT State Com	Well No. 003

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	26	20S	27E	E	1570	N	660	W	Eddy

Proposed Pools

BURTON FLAT;MORROW, EAST (GAS) 73320

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3307
Multiple N	Proposed Depth 11350	Formation Morrow	Contractor	Spud Date 03/15/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	500	610	0
Int1	12.25	8.625	32	2200	1078	0
Prod	8.75	5.5	17	11350	900	4000

Casing/Cement Program: Additional Comments

13 3/8 Csg Cmt Lead w/150sx Class H 2nd Lead w/210 sx Class H & tail w/250 sx Class C, circ to surface 8 5/8 csg Cmt Lead w/150 sx Class C 2nd Lead w/200 sx Class C 3rd Lead w/478 Class C & tail w/250 sx Class C, circ to surface 5 1/2 Cmt w/ 900 sx Class C. There is no known presence of H2S in this area. A gas analysis report for the Eddy GE, Located Sec 23 T20S 27E will be submitted to the OCD for review.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	5000	5000	
Pipe	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Karen Cottom

Title: Operations Technician

Date: 03/09/2004

Phone: 405-228-7512

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 03/10/2004

Expiration Date: 03/10/2005

Conditions of Approval:

There are conditions. See Attached.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33293	Pool Name BURTON FLAT;MORROW, EAST (GAS)	Pool Code 73320
Property Code 33571	Property Name Eddy FT State Com	Well No. 003
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	Elevation 3307

Surface And Bottom Hole Location

UL or Lot E	Section 26	Township 20S	Range 27E	Lot Idn E	Feet From 1570	N/S Line N	Feet From 660	E/W Line W	County Eddy
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Karen Cottom

Title: Operations Technician

Date: 03/09/2004

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.

Surveyed By: Gary Jones

Date of Survey: 03/01/2004

Certificate Number: 7977

Permit Conditions Of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: Eddy FT State Com #003

OCD Reviewer	Condition
BARRANT	Cement on production string to cover ALL oil, gas and water bearing zones.
BARRANT	Notify OCD time of spud and time to witness the cementing of the surface and intermediate casing.
BARRANT	Operator to drill surface and intermediate hole with fresh water, air or fresh water mud only.



Laboratory Services, Inc.

4016 Fiesta Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Devon Energy
P. O. Box 260
Artesia, New Mexico 88211-0260

SAMPLE:
IDENTIFICATION: Eddy G #8
COMPANY: Devon Energy
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 8/3/04 3:00 pm
ANALYSIS DATE: 8/4/04
PRESSURE - PSIG 180
SAMPLE TEMP, °F 65
ATMOS. TEMP, °F 50

GAS (XX) LIQUID ()
SAMPLED BY: J. Rice-Pro Well
ANALYSIS BY: Vickie Biggs

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	3.380	
Carbon Dioxide (CO2)	4.586	
Methane (C1)	82.320	
Ethane (C2)	5.198	1.387
Propane (C3)	2.264	0.622
i-Butane (IC4)	0.429	0.140
n-Butane (NC4)	0.669	0.210
i-Pentane (IC5)	0.288	0.105
n-Pentane (NC5)	0.208	0.074
Hexane Plus (C6+)	0.780	0.830
	100.000	2.868
BTU/CU.FT. - DRY	1072	
AT 14.650 DRY	1069	
AT 14.650 WET	1050	
AT 14.73 DRY	1075	
AT 14.73 WET	1056	
SPECIFIC GRAVITY - CALCULATED	0.703	
MEASURED		

MOLECULAR WT. 20.3924



Laboratory Services, Inc.

4016 Flata Drive
 Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Devon Energy
 P. O. Box 250
 Artesia, New Mexico 88211-0250

SAMPLE:
 IDENTIFICATION: Eddy G #3
 COMPANY: Devon Energy
 LEASE:
 PLANT:

SAMPLE DATA: DATE SAMPLED: 2/28/04
 ANALYSIS DATE: 3/1/04
 PRESSURE - PSIG 500
 SAMPLE TEMP. °F
 ATMOS. TEMP. °F

GAS (XX) LIQUID ()
 SAMPLED BY: Brett Lucas-Pro Well
 ANALYSIS BY: Vickie Biggs

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	7.844	
Carbon Dioxide (CO2)	18.998	
Methane (C1)	68.443	
Ethane (C2)	4.005	1.069
Propane (C3)	1.413	0.388
I-Butane (IC4)	0.237	0.077
N-Butane (NC4)	0.338	0.106
I-Pentane (IC5)	0.125	0.048
N-Pentane (NC5)	0.089	0.032
Hexane Plus (C6+)	0.508	0.220
	100.000	1.936
BTU/CU.FT. - DRY	849	
AT 14.650 DRY	847	
AT 14.650 WET	832	
AT 14.73 DRY	851	
AT 14.73 WET	836	
SPECIFIC GRAVITY - CALCULATED	0.808	
MEASURED		

MOLECULAR WT. 23.4421