

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-101
Permit 2248

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 30-015-33899
Property Code 34431	Property Name HACKBERRY DRAW 33 STATE	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	33	21S	26E	N	660	S	1070	W	Eddy

Proposed Pools

HAPPY VALLEY;MORROW (GAS) 78060

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3234
Multiple N	Proposed Depth 11500	Formation Morrow	Contractor	Spud Date 11/20/2004

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	600	534	0
Int1	12.25	9.625	40	2600	846	0
Prod	8.75	5.5	17	11500	695	2100

Casing/Cement Program: Additional Comments

13 3/8 - lead w/ 284 sx Poz & tail w/ 250 sx Class C 9 5/8 - lead w/596 sx Poz & tail w/ 250 sx Class C 5 1/2 - pump 695 sx Poz Mud: 0-600 8.4 - 9.4 mw, 28-34 vis, NC fluid loss, fresh water 600-2600 8.4 - 9.6 mw, 28-36 vis, NC fluid loss, fresh water 2600-8200 8.5 - 9.2 mw, 28-30 vis, NC fluid loss Fresh wtr/cut brine 8200-11500 9.2 - 9.4 mw, 32-40 vis, 10-8cc fluid loss, Cut Brine/SCD/Starch

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Double Ram	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: Linda Guthrie

Title: Regulatory Specialist

Date: 11/19/2004

Phone: 405-228-8209

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 01/20/2005

Expiration Date: 01/20/2006

Conditions of Approval:

There are conditions. See Attached.