

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-35184
4. Property Code 36072	5. Property Name PERFECTO 2 STATE COM	6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	3	22S	26E	P	270	S	826	E	EDDY

8. Pool Information

HAPPY VALLEY MORROW (GAS)	78060
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3161
14. Multiple N	15. Proposed Depth 12100	16. Formation Morrow	17. Contractor	18. Spud Date 10/20/2006
Depth to Ground water 50		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 miles thick Clay <input type="checkbox"/> Pit Volume: 20000 bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	405	295	0
Int1	12.25	9.625	36	2550	950	0
Prod	8.75	5.5	17	12100	2476	2500

Casing/Cement Program: Additional Comments

13 3/8 w/ 295 sx C1 C + 0.25 lbs/sack Cello Flake. 9 5/8 lead w/ 700 sx C1 C + 0.25 lbs/sack Cello Flake, tail w/ 250 sx C1 C cmt + 0.25 lbs/sack Cello Flake. 5 1/2 Stage 1 w/850 sx C1 C cmt + 0.25 lbs/sack. Stage 2 1117 sx C1 H + 0.25 lbs/sack Cello Flake. Stage 3 lead w/ 359 sx C1 C + 0.25 lbs/sack Cello Flake, tail w/150 sx Class C cmt + 0.25 lbs/sack Cello Flake. Mud: 0-405 Fresh 8.4-9.4, 32-34, NC wtr loss. 405-2550 Fresh. 8.5-9.6, 28-35, NC wtr loss. 2800-10000 fw/cut brine, 8.4-9.4, 28-32. NC wtr loss. 10000-12100 brine 9.8-10.5, 36-4, 8-6 wtr loss.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
DoubleRam	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.

I further certify that the drilling pit will be constructed according to NMOCB guidelines ☐ a general permit ☒ or an (attached) alternative OCB-approved plan ☐.

Printed Name: Electronically filed by Linda Guthrie

Title: Sr. Regulatory Specialist

Email Address: linda.guthrie@dmv.com

Date: 10/9/2006 Phone: 405-228-8209

OIL CONSERVATION DIVISION

Approved By: Bryan Arrant

Title: Geologist

Approved Date: 10/12/2006 Expiration Date: 10/12/2007

Conditions of Approval Attached

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
 Permit 39210

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35184	2. Pool Code 78060	3. Pool Name HAPPY VALLEY MORROW (GAS)
4. Property Code 36072	5. Property Name PERFECTO 2 STATE COM	6. Well No. 002
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3161

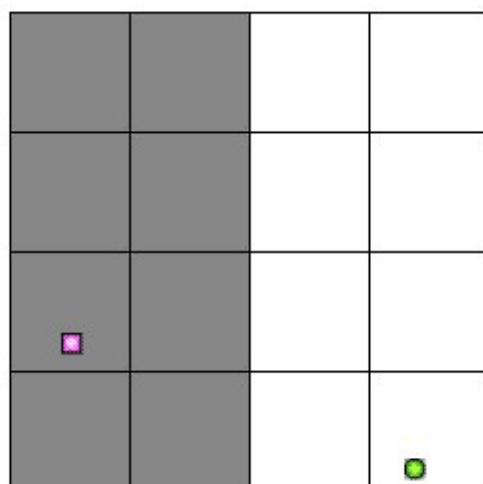
10. Surface Location

UL - Lot P	Section 3	Township 22S	Range 26E	Lot Idn	Feet From 270	N/S Line S	Feet From 826	E/W Line E	County EDDY
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11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location if Different from Surface									
UL - Lot L	Section 2	Township 22S	Range 26E	Lot Idn L	Feet From 1650	N/S Line S	Feet From 660	E/W Line W	County EDDY
12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

E-Signed By: Linda Guthrie
 Title: Sr. Regulatory Specialist
 Date: 10/9/2006

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: 9/30/2006
 Certificate Number: 7977

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: PERFECTO 2 STATE COM #002

API: 30-015-35184

Created By	Comment	Comment Date
YSASAS	No H2S is expected to be encountered. A nearby gas analysis and a C-102 will be mailed.	10/6/2006
YSASAS	Depth to groundwater is 50 feet or more. Well is not in a wellhead protection area. Distance to surface water is 1000 feet or more. An H2S plan & nearby gas analysis will be mailed.	10/9/2006
YSASAS	Directional Survey will be mailed.	10/9/2006

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: PERFECTO 2 STATE COM #002

API: 30-015-35184

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Will require a directional survey with the C-104
BArrant	Please notify OCD time of spud and time to witness the cementing to surface the surface and intermediate casing.
BArrant	As noted, operator is to drill surface and intermediate hole with fresh water mud.