State of New Mexico

Form C-101 Permit 82734

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. Оре	rator Name and Address	2. OGRID Number		
	PRODUCTION COMPANY, LP	6137 3. API Number		
	20 N Broadway oma City , OK 73102			
Okini	Julia Oily , Ok 75102	30-015-36801		
4. Property Code	5. Property Name	6. Well No.		
37501	MARKSMAN 5 STATE COM	001		

7. Surface Location

8	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	l
-	D	5	22S	26E	4	820	И	760	W	EDDY	l

8. Pool Information

HAPPY VALLEY MORROW (GAS) 7

Additional Well Information

9. Work Type New Well	il Type AS	11. Cable/Rotary			12. Lease Type State	13. Ground Level Elevation 3348	
14. Montriple N	1000000	osed Depth 1340		16. Formation Morrow			18. Spud Date 12/15/2008
Depth to Ground	water		Dis	stance from nearest	fresh water wel	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop System		mils thick	Clay	Pit Volume:		rilling Method: esh Water 🔀 Brine 🗀	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	625	695	0
Int1	12.25	9.625	36	2350	970	0
Prod	8.75	5.5	17	11340	2485	1850

Casing/Cement Program: Additional Comments

Ready mix 20" conductor 0-40' to surface in 30" hole. 13 3/8 695 sx Cl C + 2% CaCl + 1/4 lb/sx Cello Flake. 9 5/8 970 sx Cl C + 2% CaCl + 1/4 lb/sx Cello Flake. 5 1/2 2485 sx Cl C + 2% CaCl + 1/4 lb/sx Cello Flake. DV tool @ 8500'. Mud: 0-625 fresh water, 8.6-9.4, 32-34 NC water loss; 625-2350 fresh water, 8.4-8.5, 28-29 NC water loss; 2350-8000 fresh water, 9.5-9.8, 28 NC water loss. 8000-11340 brine/polymer, 9.2-10.2, 36-48, 6-10cc water loss.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	

of my knowledge and belief.	tion given above is true and complete to the best ing pit will be constructed according to	OIL CONSERVATION DIVISION					
NMOCD guidelines, a gen OCD-approved plan	eral permit , or an (attached) alternative	Approved By: Tim Gum					
Printed Name: Electronics	ılly filed by Randy Bolles	Title: District Supervisor					
Title:		Approved Date: 12/10/2008	Expiration Date: 12/10/2010				
Email Address: randy.bol	les@dvn.com	3 200	62 11				
Date: 11/24/2008	Phone: 405-228-8588						

District I

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

<u>District II</u>

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

<u>District III</u> 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

Form C-102 Permit 82734

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Po	ol Name		
30-015-36801	78060	HAPPY VALLEY;MORROW (GAS)			
4. Property Code	Name	6. Well No.			
37501	MARKSMAN 5 S	TATE COM	001		
7. OGRID No.	8. Operator	Name	9. Elevation		
6137	DEVON ENERGY PRODUC	TION COMPANY, LP	3348		

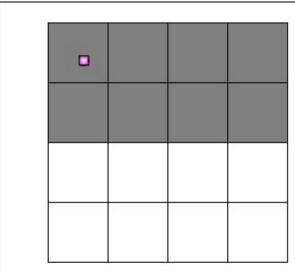
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	5	22S	26E		820	N	760	w	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	To	ownship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
107571575	ated Acres		13. 1	foint 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: Randy Bolles

Title:

Date: 11/24/2008

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: 9/23/2008 Certificate Number: 7977

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137 Well: MARKSMAN 5 STATE COM #001

API: 30-015-36801

Created By	Comment	Comment Date
YSASAS	Depth to groundwater is 50' or more, but less than 100', distance to surface water is approximately 1000', well is not in the wellhead protection area. A closed loop system is to be utilized; form C-144 CLEZ attached.	9/30/2008
YSASAS	No H2S is expected to be encountered. A nearby gas analysis and H2S Plan attached.	9/30/2008
YSASAS	C-102 to be submitted via mail.	9/30/2008