

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

HOBBS OCD
AUG 27 2012

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101
Revised December 16, 2011

Permit

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

Operator Name and Address Heritage Resources, Inc. 3131 McKinney Avenue, Suite 710 Dallas, TX 75204		OGRID Number 289348
Property Code 002825		API Number 30-025-26557
Property Name Pawnee Deep Unit		Well No 001

Surface Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	22	26S	36E		1650	N	2310	W	Lea

Pool Information WC-025 @ -04 S263622F; DELAWARE Wildcat	97976
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Additional Well Information				
Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
P	O	R	S	2910'
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	7000	Delaware		9-10-2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

Proposed Casing and Cement Program						
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	26"	20"	94#	925'	1700sx	Surf
Int	17 1/2"	13 3/8"	61/68#	4950'	3800sx	Surf
Int	12 1/4"	9 5/8"	47#	11,854'	2425sx	5800'
Liner	8 1/2"	7 3/4"	46.1#	16,504'	700sx	liner top @ 11,561

Casing/Cement Program: Additional Comments

Permit Expires 2 Years From Approval

Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000#	3000#	Schafer

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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input checked="" type="checkbox"/> . Signature: <i>Gary L. Todd</i> Printed name: Gary Todd Title: Landman E-mail Address: gtodd@heritage-standard.com Date: 8-24-12 Phone: 214-526-8118	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: Petroleum Engineer	
	Approved Date: AUG 29 2012	Expiration Date:
	Conditions of Approval Attached	

NOV 04 2013