

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) 748-9724
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

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

¹ Operator Name and Address Heritage Resources, Inc. 3131 McKinney Avenue, Suite 710 Dallas, TX 75204		² OGRID Number 289348
		³ API Number 30-025-26557
⁴ Property Code 002825	⁵ Property Name Pawnee Deep Unit	⁶ Well No 001

⁷ Surface Location

UL - Lot F	Section 22	Township 26S	Range 36E	Lot Idn	Feet from 1650	N/S Line N	Feet From 2310	E/W Line W	County Lea
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⁸ Pool Information

WC-025 G-04 Wildcat	S263622F; DELAWARE	97976
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Additional Well Information

⁹ Work Type P	¹⁰ Well Type O	¹¹ Cable/Rotary R	¹² Lease Type S	¹³ Ground Level Elevation 2910'
¹⁴ Multiple N	¹⁵ Proposed Depth 7000	¹⁶ Formation Delaware	¹⁷ Contractor	¹⁸ Spud Date 9-10-2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ 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
Date Unless Drilling Underway

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

AUG 29 2012

HOBBS OCD

AUG 27 2012

RECEIVED

NEW MEX OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLATForm C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

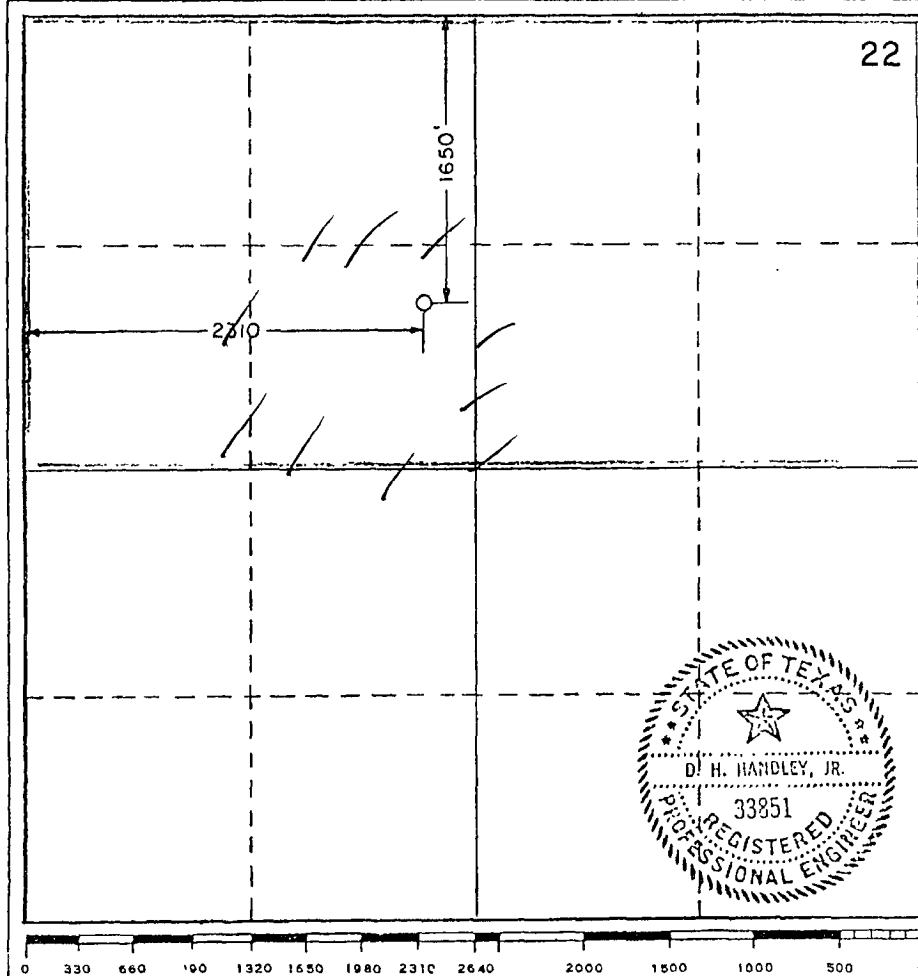
Operator <u>Heritage Resources Inc</u>			Lease <u>WHITE EAGLE Pawnee Deep Unit # 1</u>		Well No. <u>1</u>
Gifford, Mitchell & Wisenbaker					
Unit Letter <u>F</u>	Section <u>22</u>	Township <u>26-S</u>	Range <u>36-E</u>	County <u>LEA</u>	
Actual Footage Location of Well:					
1650 feet from the North		line and		2310 feet from the West	
Ground Level Elev. <u>2909.80</u>	Producing Formation <u>Ellenburger</u>	Pool <u>WC-025 604 5243022 F</u>	Dedicated Acreage: <u>320 40</u> Acres		
<u>Wildcat Delaware</u>					

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Federal Unit Agreement
(GMW Pawnee Deep Unit)

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

I. B. Stitt

Name

I. B. Stitt

Position

Production Engineer

Company

Gifford, Mitchell & Wisenbaker

Date

11/12/79

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 knowledge and belief.

Nov 7, 1979

Date Surveyed

D. H. Handley, Jr.
Registered Professional Engineer
and/or Land Surveyor

33851
Certificate No.

