

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

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

HOBBS OCD

Permit

OCT 29 2012

RECEIVED

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, TEXAS 75204		² OGRID Number 289348 30-025-26557
⁴ Property Code 002825	³ Property Name Pawnee Deep Unit	⁶ Well No. 1

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 E	County LEA
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⁸ Pool Information

Wildcat UC-025 G-06 S26N36E22F; Bone Spring	97987
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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	¹⁵ Proposed Depth 9600'	¹⁶ Formation Bone Spring	¹⁷ Contractor Mesa Well Service	¹⁸ Spud Date 10-25-2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

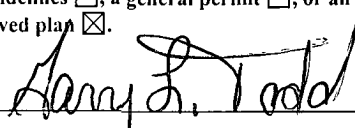
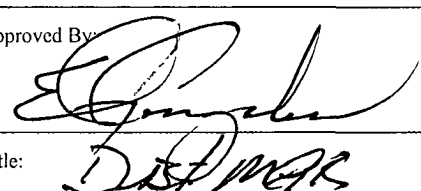
¹⁹ Proposed Casing and Cement Program

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

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program	
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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"/> .		OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed name: Gary L. Todd		Title: DIST MGR	
Title: Landman		Approved Date: 10-30-2012	Expiration Date: 10-30-2014
E-mail Address: gtodd@heritage-standard.com			
Date: 10-16-2012	Phone: 214-526-8118	Conditions of Approval Attached	

OCT 31 2012

OCT 29 2012

NEW MEX OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

Form C-102
Supersedes C-128
Effective 1-1-65*Heritage Resources Inc.*

All distances must be from the outer boundaries of the Section.

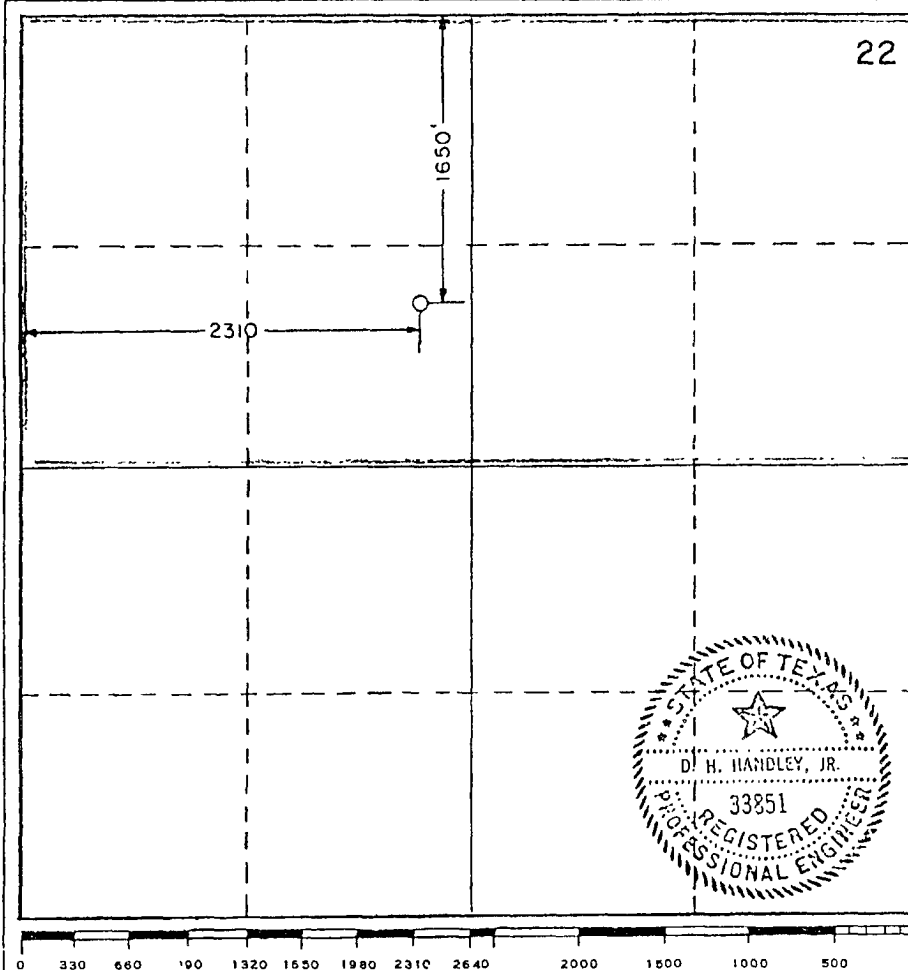
Operator <i>GIFFORD, MITCHELL & WISENBAKER</i>			Lease <i>Pawnee Deep Unit</i>		Well No. <i>1</i>
Unit Letter <i>F</i>	Section <i>22</i>	Township <i>26-S</i>	Range <i>36-E</i>	County <i>LEA</i>	
Actual Footage Location of Well: <i>1650</i> feet from the <i>North</i> line and <i>2310</i> feet from the <i>West</i> line <i><92987></i>					
Ground Level Elev. <i>2909.80</i>	Producing Formation <i>Bone Spring</i>	Pool <i>Wildcat</i>	Dedicated Acreage: <i>320 40</i> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

