District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-101
June 16, 2008
OCD Hobbs
Submit to appropriate District Office
AMENDED REPORT

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

1 Operator Name and Address	2 OGRID Number
Harvard Petroleum Company, LLC, PO Box 936, Roswell, NM 88202	010155
	3 API Number: 30 - 025 - 39755

4 Property Code	5 Property Name	6 Well No.
38162	Garrett	1

7 Proposed Pool 1	9 Proposed Pool 2
Garrett, Drinkard, East (27137)	

7 Surface Location

UL or lot no.	Section	Township	Range	Feet Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	26	16-S	38-E		400	North	2270	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Feet Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	26	16-S	38-E		2310	North	330	East	Lea

Additional Well Information

11 Work Type Code	12 Well Type Code	13 Cable/Rotary	14 Lease Type Code	15 Ground Level Elevation
N	O	R	P	3694
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
N	TVD 8500, TD 10,540	Drinkard	Norton Energy	June 15, 2010

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 25	9 625	36	2200	950	Surface
8 75	7 00	26	8500	1250	Surface
6 125	4 50	11 5	8000 - 10540	NA	NA

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Harvard Petroleum Company, LLC proposes to drill and produce the Drinkard Formation as follows

Drill a 12 1/4" hole to 2200' with fresh water then run 9 5/8" casing to TD. 9 5/8" casing will be cementted with adequate volume to circulate to surface. NU BOP and test then drill an 8 75" hole with brine and salt gel to TD (8500') and run open hole logs. After logging, 7" 26# casing will be run to TD and cemented with adequate volumes to circulate to surface

A whipstock will be set and a window cut at approximately 8000' and a 6 1/8" hole approximately 2500' in length will be drilled

A 4 1/2" liner equipped with packers will be set through the horizontal section but not cemented. The Drinkard formation will be tested through this liner

H2S equipment will be installed before drilling the San Andres formation

See BOP Diagram

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature

Printed name: Phelps White

Title: Consulatant

E-mail Address: pwiv@zianet.com

Date: May 14, 2010 Phone: 575 626 7660

OIL CONSERVATION DIVISION

Approved by

Title: PETROLEUM ENGINEER

Approval Date: MAY 27 2010 Expiration Date:

CONDITION OF APPROVAL FOR APD'S
"Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string."

Permit Expires 2 Years From Approved Date Unless Drilling Underway