

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

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 Saber Resources LLC, 400 W Illinois, Ste 950, Midland, Texas 79701		² OGRID Number 236378	
³ Property Code 36311		³ API Number 30 - 025-07190	
⁵ Property Name Henry A Harris		⁶ Well No. 4	
⁹ Proposed Pool 1 Gladiola, Wolfcamp		¹⁰ Proposed Pool 2	

7 Surface Location

UL or lot no. G	Section 18	Township 12S	Range 38E	Lot Idn	Feet from the 1980	North/South line N	Feet from the 1980	East/West line E	County Lea
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8 Proposed Bottom Hole Location If Different From Surface

UL or lot no. NA	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3870' GL
¹⁶ Multiple N	¹⁷ Proposed Depth 11,985'	¹⁸ Formation Devonian	¹⁹ Contractor Basic Energy	²⁰ Spud Date ASAP
Depth to Groundwater 45'		Distance from nearest fresh water well >930'		Distance from nearest surface water > 1000'
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

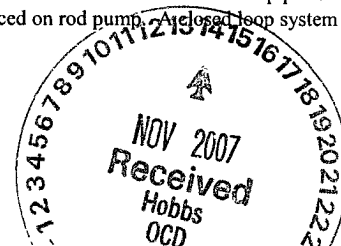
21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/4"	13-3/8"	36#	324'	350	surface
12-1/4"	9-5/8"	36# & 40#	4540'	1700	1600'
7-7/8"	5-1/2"	17# & 20#	11,985'	150	11,140'

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.

PB well from the Devonian formation to the Wolfcamp formation. A CIBP will be set @ 11,920' to cover the current Devonian perms @ 11,970' to 11,9980'. The CIBP will be capped w/35' of cement & the 5-1/2" csg will be tested to 1000 psi. Squeeze holes will be shot @ ± 9,900' & 900 sxs of cement will be pumped in an effort to lift cement inside of 9-5/8" csg. A CBL will be run to verify TOC prior to perforating the Wolfcamp interval from 9464'-9588'. The Wolfcamp perms will be acidized w/6500 gals of 15% NeFe HCL acid w/ball sealers & swab tested. Pending swab results, the well will be produced on rod pump. A closed loop system will be used to circ'd any fluids. Bop's will be 3000 psi pipe rams and blinds.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback



23 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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Doug Keathley
Title: Vice President of Production
E-mail Address: doug@saberresources.com

Date: 11/13/07 Phone: 432-685-0169

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: NOV 15 2007

Expiration Date:

Conditions of Approval Attached ☐