

## 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 **OCD-ARTESIA**

Submit to appropriate District Office

☐ AMENDED REPORT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Apollo Energy, LP 4823 Ihles Road, Lake Charles, LA 70605		<sup>2</sup> OGRID Number 248192
		<sup>3</sup> API Number 30 - 015 - 02390
<sup>4</sup> Property Code 3506 <b>303501e</b>	<sup>5</sup> Property Name RUSSELL USA	<sup>6</sup> Well No. 41
<sup>9</sup> Proposed Pool 1 52820 RUSSELL; YATES		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North line	Feet from the	West line	County
F	13	20S	28E		1658		2339		EDDY

**8 Proposed Bottom Hole Location If Different From Surface**

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

**Additional Well Information**

<sup>11</sup> Work Type Code <b>D</b>	<sup>12</sup> Well Type Code <b>O</b>	<sup>13</sup> Cable/Rotary <b>Rotary</b>	<sup>14</sup> Lease Type Code <b>F</b>	<sup>15</sup> Ground Level Elevation <b>3252</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>1200'</b>	<sup>18</sup> Formation <b>Seven Rivers Pay</b>	<sup>19</sup> Contractor <b>3-G Well Service</b>	<sup>20</sup> Spud Date <b>06/05/07</b>
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
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 type="checkbox"/> Brine <input checked="" 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
6-1/8"	4-1/2"	9.5#	<b>890'</b>	100	Surface

<sup>22</sup> 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.

See attached.

**NOTIFY OCD OF SPUD & TIME  
TO WITNESS CEMENTING OF  
4 1/2" CASING**

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

Signature:

Printed name: THOMAS G. WRIGHT

Title: VICE PRESIDENT

E-mail Address: twright@doreenergy.com

Date:

Phone: 337-502-5227

**OIL CONSERVATION DIVISION**

Approved by:

**BRYAN G. ARANT  
DISTRICT II GEOLOGIST**

Title:

Approval Date: JUN 13 2007

Expiration Date: JUN 13 2008

Conditions of Approval Attached ☐

**APOLLO ENERGY, LP  
RUSSELL USA # 41  
( Formerly Turner #18  
API # 30-015-02390  
1658' FNL & 2339' FWL  
SECTION 13 T20S-R28E  
EDDY COUNTY, NEW MEXICO**

**Producing Interval:**  
**Stimulation:** 50 quarts

**Open Hole:** Yates 799 – 829  
**Interval:** 799 – 829

**Elevation:** \_\_\_\_\_ feet

**Subsea:** \_\_\_\_\_ feet      **Net Pay:** 32

**Original TD:** 829 feet

**Current PBTD:** 829 feet

**Note:** may have fill, depth unknown

**Surface Casing:** 8 5/8<sup>th</sup> 28# @ 293

**Cemented:** mud

**Production Casing:** 7" 24# @ 734

**Cemented:** 75 sx

**Note:** (5/16/1964) Well Record file shows that Halliburton pumped 75 sx cement through 7" packer set at 125 feet to squeeze open hole. No particulars of drilling out or squeezing mentioned. Need to see if able to re-enter.

**Recommended Deeping Prognosis (June 1, 2007)**

1. Move in 3-G Well Service.
2. All rig hands, service company and company representative on location conduct safety meeting (procedure to be repeated each day). Review daily activity, potential hazards, notify of phone lists, emergency number and route to local fire department, hospital, ambulance service and regulatory agencies, BLM & OCD.
3. Rig up mud pump, tank and power swivel.
4. Make up 6 1/8<sup>th</sup> bit, bit sub, & 10 – 4 3/4" drill collars, cross over sub, and 2 7/8<sup>th</sup> American Open Hole drill pipe.
5. Tag bottom, wash fill to original depth of 829.
6. Displace hole with premixed drilling mud and hauling off water with vacuum truck.
7. Drill new hole through 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Yates sands. Catch samples.
8. Drill new hole to Seven Rivers Sands. Total depth at 1200 feet.
9. POOH and lay down drill pipe and drill collars.
10. Log well with SP-Gamma Ray- Dual Induction PE log

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EDDY COUNTY, NEW MEXICO**

11. Log well with Gamma Ray – Compensated Density – Compensated Neutron Log
12. Rig down all equipment and move off location. Evaluate well for plugging of running casing.

**Apollo Energy, LP**

KB: 0.0'

DF: 0.0'

GL: 0.0'

Datum: 0.0' above GL

**USA No. 41**

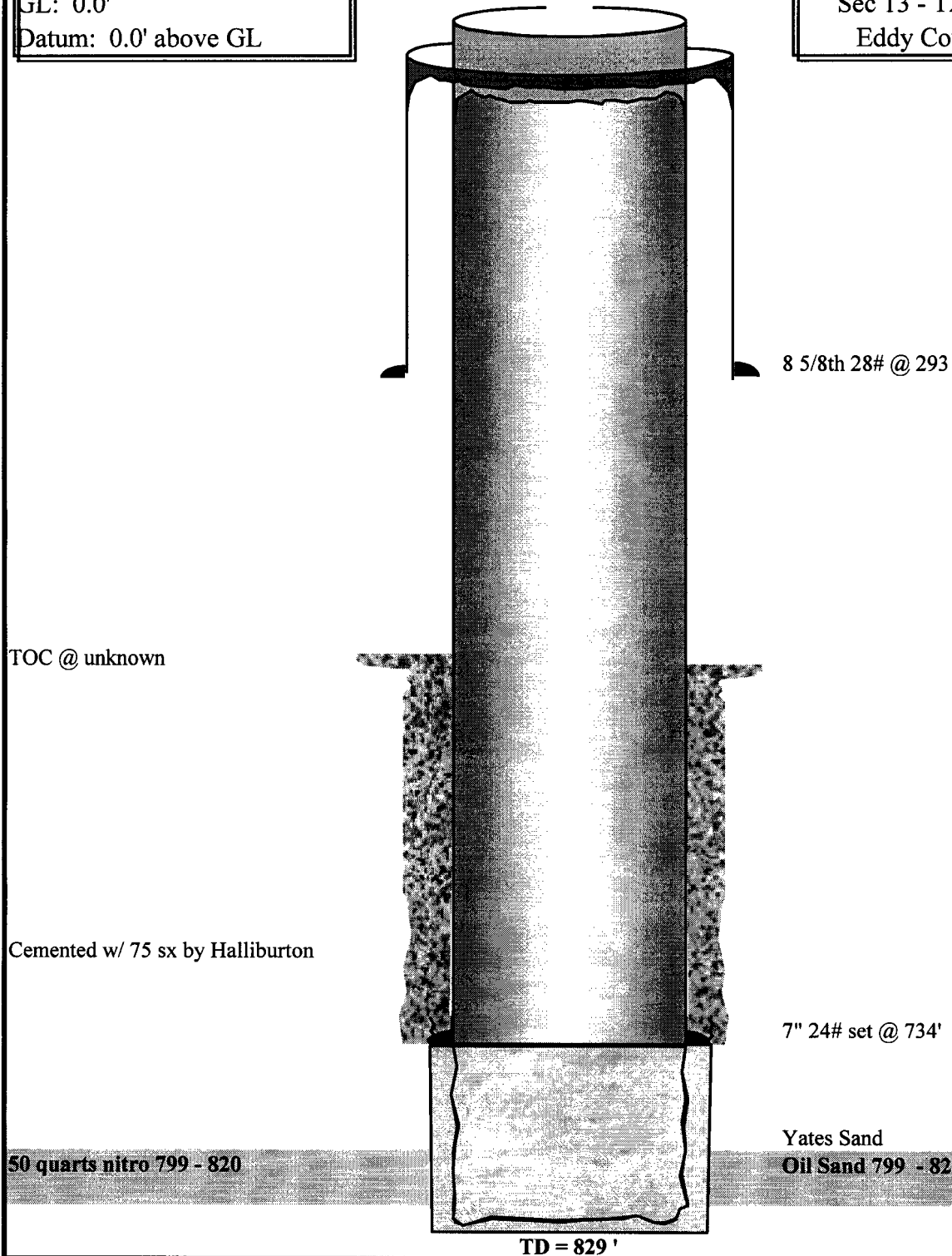
**Gregory Hall**

API No 30-015-02390

1656' FNL & 2339' FWL

Sec 13 - T20S - R28E

Eddy County, NM



**Apollo Energy, LP**

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Sec 13 - T20S - R28E  
Eddy County, NM

TOC @ unknown

Cemented w/ 75 sx by Halliburton

8 5/8th 28# @ 293

7" 24# set @ 734'

50 quarts nitro 799 - 820

Yates Sand  
Oil Sand 799 - 829

Potential 2nd Yates

Potential 3rd Yates

Potential 4th Yates

Potential Seven Rivers Pay

TD = 1200'

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Oil Sand 799 - 829

TD = 829'

WBS\_Apollo\_Russell\_USA 41

6/12/2007

Tubing

Apollo Energy, LP  
4823 Ihles Road  
Lake Charles, LA 70605

**VIA FEDEX**

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**TRANSMITTAL**

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DATE: June 12, 2007

TO: Oil Conservation Division  
District II  
1301 W. Grand Avenue  
Artesia, NM 88210

JUN 13 2007

OCD-AR

FROM: Tommy Wright

RE: OGRID 248192  
Russell USA Lease

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Enclosed are one (1) signed original and three (2) copies each of form C-101 as our Application to Deepen the following well located in Sec 13, T20S, R28E, Eddy County, New Mexico:

- Russell USA #41, API 30-015-02390

Thank you.

Thomas G. Wright  
Phone: 337-502-5227  
Mobile: 337-540-1243  
Fax: 337-502-5230

TGW/nc  
Enclosures