

**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

Form C-101  
Revised July 18, 2013

## Energy Minerals and Natural Resources

### Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCD

AUG 27 2014

☐ AMENDED REPORT

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

1. Operator Name and Address Paladin Energy Corp. 10320 Monroe Dr., Suite 301, Dallas, Texas 75229		2. OGRID Number 164070
		3. API Number 30-025-03151
4. Property Code 22557	5. Property Name South Vacuum Unit	6. Well No. 352

### 7. Surface Location

UL - Lot 1	Section 35	Township 18S	Range 35E	Lot Idn	Feet from 1980	N/S Line South	Feet From 660	E/W Line East	County Lea
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### 8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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### 9. Pool Information

Pool Name Reeves Vacuum; Wolfcamp, South	Pool Code 62360 97467
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### Additional Well Information

11. Work Type P	12. Well Type Oil	13. Cable/Rotary R	14. Lease Type State	15. Ground Level Elevation 3,862' GR
16. Multiple No	17. Proposed Depth 11,400'	18. Formation Wolfcamp	19. Contractor	20. Spud Date 4/15/2014
Depth to Ground water 60'		Distance from nearest fresh water well 1/2 mile		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

### 21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17-1/2"	13-3/8"	48#	351'	400 Sacks	Sur
	12-1/4"	9-5/8"	40#	3,808'	1220 sacks	Sur
	8-3/4"	7"	26# & 29#	12,300'	760 Sacks	7,066'

### Casing/Cement Program: Additional Comments

6-1/4" hole, 5" liner to 15,248', 18#, 300 Sacks
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### 22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufaci
6" Dual Ram	3,000 psi		

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 I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.  
Signature: *David Plaisance*

Printed name: David Plaisance

Title: VP Exploration & Production

E-mail Address: dplaisance@paladinenergy.com

Date: 8/25/2014

Phone: 214-654-0132 ext 3

### OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Engineer

Approved Date: 08/29/14

Expiration Date: 08/29/16

Conditions of Approval Attached

E-PERMITTING -- New Well  
P&A TA  
Comp Loc CHG  
CSNG Add New Pool  
ReComp Create Pool  
Cancel Well

AUG 29 2014

Proposed Operations - South Vacuum Unit 352 - Wolfcamp Plugback

Set CIBP at 11,500', above stuck 7" packer at 11,555' (Devonian perforations at 11,630-831'), dump bail 35' of cement, WOC, test plug to 500 psi. Perforate Wolfcamp formation from 9,920-952', 9,970-10,080', 10,100-120', 10,196-202', 4SPF. GIH w/ packer and 2-7/8' workstring. Set packer at 9,800'. Acidized perforations with 6,500 gallons 15% HCL. Swabbed back spent acid and water. POOH with packer and tubing. Run production tubing and rod pumping equipment and place well on production.