DISTRICT I
1625 N Frnech Dr , Hobbs, NM 88240
DISTRICT II
1301 W Grand Avenue, Atesia, NM 88210
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

STATE OF NEW MEXICO
Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27,2004

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
PALADIN ENERGY CORP. 10290 Monroe Drive, Suite 301 Dallas, Texas 75229	164070
	3 API Number 30-025-37299

4 Property Code	5 Property Name	6 Well No
22557	South Vacuum Unit	275

9 Proposed Pool 1	10 Proposed Pool 2
Vacuum Devonian, South 62010	

7 Surface Location

UL or lot No	Section	Township	Range	Lot Ind	Feet from the	North/South Line	Feet from the	East/West Line	County
H	27	18-S	35-E		1700	North	760	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot. Ind	Feet from the	North/South Line	Feet from the	East/West Line	County
G	27	18-S	35-E		1371	North	1916	East	Lea

Additional Well Information

11 Work Type Code	12 Well Type Code	13 Cable/Rotary	14 Lease Type Code	15 Ground Level Elevation
Horizontal	G	Rotary	S	3887'
16 Multiple	**17 Proposed depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
	12,450'	Dveonian		

Depth to Groundwater: approx 68' | Distance from nearest fresh water well 1/2 mile plus | Distance from nearest surface water Playa - 1100 feet

Pit: Liner Synthetic ☐ ☒ Clay ☐ Pit Volume. | Drilling Mehtod: Fresh Water ☐ Disel/Oil-Based ☐ Gas/Air ☐

Closed-Loop System

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks Cement	Estimated TOC
17-1/2	13-3/8	48#	418'	535	Sur
12-1/4	9-5/8	40#	3,887'	1040	Sur
8-3/4"	7	26# & 29#	12,734'	635	7,110'
6-1/4"	5	18#	14,187'	250	12,367'

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

*see attached Completion Procedure.

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Horizontal

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the inofrmation given above is true and complete to the best of my knowledge and belief. **I further certify that the drill pit will be constructed according NMOCD guideline X , a general permit ____ , Or an (attached)alternative OCD-apporved plan ____ '**

Printed name David Plaisance

Title V P Exploration & Production

E-mail Address

Date 7/20/2010 Phone 214-654-0132

OIL CONSERVATION DIVISION

Approved by: **Denied**

DENIED BY Oil Conservation Division
On 09/08/10 **see attached letter**
APD Reviewed by dmk
For more information on this matter, please call Donna Mull @ (575) 393-6161 ext 115 or email donna.mull@state nm us

Denied because of to many Inactive Wells for this company. See Rule 19.15.5.9(A)(4)

South Vacuum 27 #5
Re-complete in Devonian Formation
Sec 27, T18S, R35E
Lea County, New Mexico

Completion Procedure

1. Rig up pulling unit, POOH with tubing and packer. GBIH with 5" CIBP and set at 13,720' (isolate Mckee Sd. perfs from 13,804-860'). Dump bail 35' of class H cement on top of bridge plug.

2. GBIH with 5" CIBP and set at 12,435' inside 5" casing (top of 5" liner at 12,367'). Dump bail 35' of class H cement on top of bridge plug. POOH.

3. R/U e-line and perforate 7" casing for production in Devonian formation from 11,716-26', 11,764-74' and 11,790-840', 2SPF. R/D e-line, GIH with 2-7/8" workstring and packer.

4. Acidize Devonian perforations with 5000 gallons of 15% NEFE acid. Swab back acid. POOH with workstring and packer. GIH with electrical submersible pump assembly and set according to design.

5. Place and connect additional tanks and vessels on location, install electrical panel.

6. Place well on production.