

DISTRICT I
1625 N. Fruech 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

Form C-101
May 27, 2004

Submit to Appropriate District Office

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

☐ AMENDED REPORT

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

1 Operator Name and Address PALADIN ENERGY CORP. 10290 Monroe Drive, Suite 301 Dallas, Texas 75229		2 OGRID Number 164070
4 Property Code 24977	5 Property Name State BTC	3 API Number 30-025-37091
9 Proposed Pool 1 Bagley, Siluro Devonian		6 Well No. 6
10 Proposed Pool 2		

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
F	35	11-S	33-E		1980	North	1980	West	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

Additional Well Information

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary Rotary	14 Lease Type Code S	15 Ground Level Elevation 4241'
16 Multiple No	17 Proposed depth 11,050	18 Formation Devonian	19 Contractor	20 Spud Date 3/15/2005
Depth to Groundwater: approx 55'		Distance from nearest fresh water well 1/2 mile		Distance from nearest surface water: More than 1/2 mile
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 14,366 bbls		Drilling Method: Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-Based <input type="checkbox"/> Gas/Air <input type="checkbox"/>		
Closed-Loop System <input type="checkbox"/>				

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#	300'	225	Sur
11"	8-5/8"	32#	3830'	1500	Sur
7-7/8"	5-1/2"	15.5 & 17#	11,050'	800	7000'

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.

Drill 17-1/2" hole and set 13-3/8" conductor to 300', drill out to 3830' (+,-) and set 8-5/8" surface casing - cement to surface.
Drill 7-7/8" hole to 11,050' (+,-), set 5-1/2" casing and cement with TOC at approx. 7000'.

Perforate Devonian formation, test on submersible pump.

BOP - 11" Hydraulic Dual Ram (10M), Blind & Pipe

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information 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 to NMOCD guideline X, a general permit , Or an (attached) alternative
OCD-approved plan

Printed name: David Plaisance
Title: V.P. Exploration & Production

E-mail Address:

Date: 2/9/2005

Phone: 214-654-0132

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

DISTRICT II

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37091	Pool Code 3990	Pool Name Bagley Siluro Devonian
Property Code 24977	Property Name State BTC	Well Number 6
OGRIID No. 164070	Operator Name PALADIN ENERGY CORPORATION	Elevation 4241'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	35	11-S	33-E		1980	NORTH	1980	WEST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME Y=846191.1 N X=728191.2 E LAT.=33°19'26.22" N LONG.=103°35'10.66" W</p>	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature DAVID PLAISANCE Printed Name V.P. Exp. & Prod Title 2/16/05 Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 24, 2005 Date Surveyed
	Signature & Seal of Professional Surveyor Signature 05.11.0080 Certificate No.
	GARY G. EIDSON Registered Professional Surveyor 12641