

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

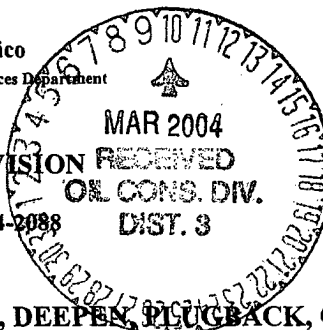
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088



Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address Great Western Drilling		OGRID Number 009338
c/o Walsh Engineering, 7415 E. Main St., Farmington, NM 87402 (505) 327-4892		API Number 30-0 45-32222
Property Code 4793	Property Name Pubco State Com	Well No. 1C

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
K	36	31N	11W		1575'	South	2480'	West	San Juan

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
Proposed Pool 1 Blanco Mesa Verde					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 5936'
Multiple N	Proposed Depth 5290'	Formation Mancos	Contractor	Spud Date July 1, 2004

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	36#	200'	165	Surface
8-3/4"	7"	20#	2850'	215 + 215	Surface
6-1/4"	4-1/2"	10.5#	5290'	150 + 160	2750'

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.

Great Western Drilling proposes to drill a vertical well with a 12-1/4" surface hole to approx. 200' with spud mud and set and cement to surface 9-5/8", 36# casing with 110 sx (130 cu.ft.) of CI "B" with 2% CaCl<sub>2</sub> and 1/4#/sk CF. A double ram, 2000 psi rated BOP w.: be installed and pressure tested to 1500 psi. A 8-3/4" hole will be drilled using a fresh water - poly mud system to approx. 2850'. 7", 20# casing will be set and cemented to surface with 215 sx (443 cu.ft.) of CI "B" 65/35 poz with 10% gel, 2% CaCl<sub>2</sub>, and 1/4#/sk CF and 215 sx (312 cu.ft.) CI "B" 50/50 poz with 4% gel, 0.4% FL, 2% CaCl<sub>2</sub>, and 1/4#/sk CF. The 6-1/4" production hole will be drilled with air to approx. 5290'. Open hole IND/GR and SNL/CDL logs will be run. A 4-1/2", 10.5# liner will be set from TD to approx. 2750' (at least 100' of overlap into the 7") and cemented with 145 sx (210 cu.ft.) of CI "B" 50/50 poz w/ 4% gel, 0.4% FL and 1/4#/sk CF and 145 sx (210 cu.ft.) of CI "B" 50/50 poz w/ 4% gel, 0.4% FL and 1/4#/sk CF, 2% CaCl<sub>2</sub>, and 4% phenoseal. Surveys will be run every 500'.

South half of section 36 (320 acres) is dedicated to this well.

Formation Tops: OA - 1330'; PC - 2645'; CH - 4120'; Men. - 4415'; PL - 4970'.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Paul C. Thompson, P.E.

Title: Agent

Date: 03/09/04

Phone: (505) 327-4892

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #5

Approval Date: MAR 10 2004

Expiration Date: MAR 10 2005

Conditions of Approval  
Attached ☐

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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30045-32222	Pool Code 72319	Pool Name BLANCO MESAVERDE
Property Code 4793	Property Name PUBCO STATE COM	Well Number 1C
OGRID No. 9338	Operator Name GREAT WESTERN DRILLING	Elevation 5936

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	36	31N	11W		1575	SOUTH	2480	WEST	SAN JUAN

<sup>11</sup>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
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<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320.0 Acres - (S/2)	y		

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

16

5374.38'

2614.92'

5218.62'

36

STATE E-5386

2480'

1575'

5357.88'

STATE B-11370

STATE E-3150

STATE B-11370

2620.86'

LAT: 36°51.1417' N  
LONG: 107°56.5360' W  
DATUM: NAD27

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Paul C. Thompson*  
Signature

PAUL C. THOMPSON  
Printed Name

AGENT  
Title

3/9/04  
Date

18 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.

Survey Date: JANUARY 25, 2004

Signature and Seal of Professional Surveyor

JASON C. EDWARDS  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
15269

JASON C. EDWARDS  
Certificate Number 15269

# GREAT WESTERN DRILLING PUBCO STORE COM #1C

1575' FSL & 2480' FWL, SECTION 36, T31N, R11W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

