

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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

Revised March 17, 1999

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

1 Operator Name and Address Dugan Production Corp. 709 East Murray Drive, Farmington, NM 87401		2 OGRID Number 006515
3 Property Code 33278	5 Property Name Mesa SWD	4 Well No. 4
7 Surface Location		

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	24N	8W		1450'	South	1245'	East	SJ

8 Proposed Bottom Hole Location If Different From Surface

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

9 Proposed Pool 1 SWD Mesaverde	10 Proposed Pool 2
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11 Work Type Code N	12 Well Type Code S	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 6819'
16 Multiple No	17 Proposed Depth 4660'	18 Formation Mesaverde	19 Contractor	20 Spud Date ASAP

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	200'	160-cu.ft.	Circ. to Surf.
7-7/8"	5-1/2"	15.5#	4,660'	1,200-cu.ft.	Circ. to Surf.

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 and complete produced water disposal well. Disposal interval is in the Point Lookout member of the Mesaverde Formation. Permission will be received prior to placing well into injection status.

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

Signature:

Kurt Fagrellius

Printed name:

Kurt Fagrellius

Title:

Geologist

Date:

11/24/2003

Phone:

505-325-4327

OIL CONSERVATION DIVISION

Approved by:

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. 41

Approval Date:

DEC 22 2003

Expiration Date:

DEC 22 2004

Conditions of Approval:

Attached ☐

SWD order must be obtained from NMOLD Santa Fe.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO 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 & Natural Resources Department

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

Form C-102
Revised February 21, 1991
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30045-32086	*Pool Code 96160	*Pool Name SWD: MESA SWD	*Well Number 4
*Property Code 33278	*Property Name MESA SWD		*Elevation 6819'
*GRID No. 006515	*Operator Name DUGAN PRODUCTION CORPORATION		

10 Surface Location

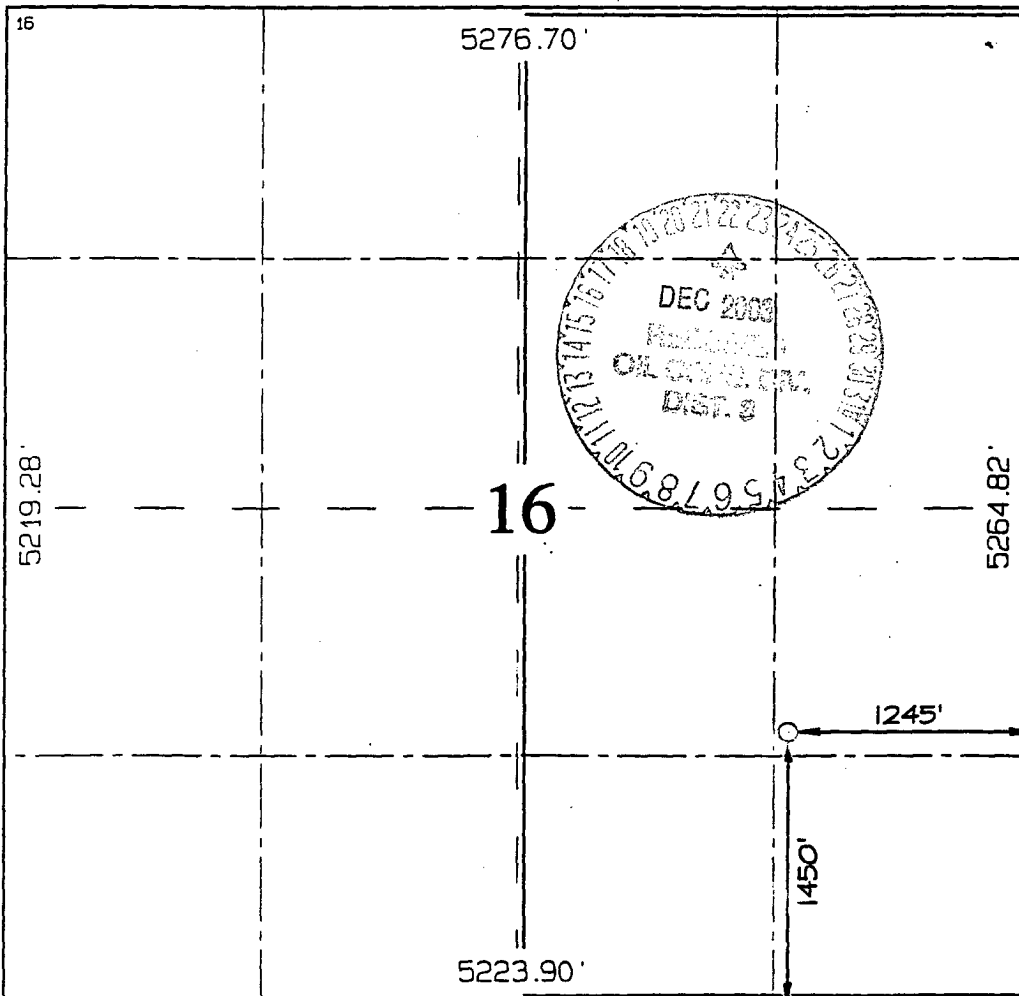
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	24N	8W		1450	SOUTH	1245	EAST	SAN JUAN

11 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

12 Dedicated Acres 320.0 Acres (E/2)	13 Joint or Infill	14 Consolidation Code	15 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



17 OPERATOR CERTIFICATION

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

Kurt Fagrelius
Signature

Kurt Fagrelius

Printed Name Geologist

Title

12/19/2003

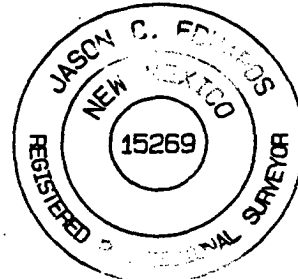
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the information shown on this plat was obtained from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my belief.

Survey Date: SEPTEMBER 4, 2003

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269

Hayden, Steven

From: Kurt Fagrelus [kfagrelus@duganproduction.com]
Sent: Monday, January 05, 2004 11:46 AM
To: shayden@state.nm.us
Subject: BOP information for Dugan Mesa SWD #4

Hello Steve, as per our phone conversation I am enclosing the following information on the type of BOP that Dugan will be using while drilling the Mesa SWD #4 well:

- 2,000 psi double ramme blowout preventer with
- kill line (2" minimum)
- 1-choke line valve
- 2-chokes
- upper kelly cock valve with handle
- safety valve and subs to fit all drill string connections in use
- pressure gauge on choke manifold
- 2" minimum choke line
- fill-up line above uppermost preventer

BOP equipment will be tested as required in Section III A.1 of Onshore Order 2, plus a 30% safety factor.

Let me know if you have any questions or need additional information.

Thanks, Kurt

1/13/2004