JUL - 5 2006

Form 3160-3 (April 2004)

FORM APPROVED OMB No. 1004-0137

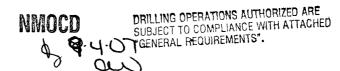
2006 FIUG 17 FUNITED STATE DEPARTMENT OF THE BUREAU OF LAND MA	INTERIORICHALINDIANIN	INERALS	05 FILE Serial No.		-
REUE AU OF LAND MA APPLICATION FOR PERMIT TO	DRILL OR REENTER		6. If Indian, Allotee o	Tribe Name	-
la. Type of work: DRILL REEN	TER		7 If Unit or CA Agreer	ment, Name and No.	-
lb. Type of Well: Oil Well Gas Well Other	Single Zone Multi	ple Zone	8. Lease Name and We Western	ell No. Federal Com	_ _ #90-S
2 Name of Operator  Dugan Production Corp.			9. API Well No. 30-045-	33904	
3a. Address 709 East Murray Drive, Farmington, NM 87401	3b. Phone No. (include area code) 505-325-1821		10. Field and Pool, or Ex Basin Fr	xploratory ruitland Coa	- .]
4. Location of Well (Report location clearly and in accordance with At surface 905 FSL & 1385 FEL, Lat At proposed prod. zone Same as above Lot	• •		11. Sec., T. R. M. or Blk  Sec., 7,  NMPM	cand Survey or Area T26N, R11W	-
14. Distance in miles and direction from nearest town or post office.  Approx. 25-miles SE of Farmin	ngton, New Mexico		12. County or Parish San Juan	13. State NM	<del></del>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease 398.75 Acres		g Unit dedicated to this we /2-320.0 Acr		_
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1300	19. Proposed Depth 1530 Feet	20. BLM/I	BIA Bond No. on file	CEIV	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)  GL-6106-16/0/	22. Approximate date work will sta ASAP	nrt*	23. Estimated duration 6 - Days	iiii 1 y war	
	24. Attachments	<del></del>		JUL 1 / 2006	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filled with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover the ltem 20 above).  5. Operator certification of the site.	the operation cation	ns unless covered by an experience or mation and/or plans as n		RMITS
25. Signature Kurt Fegralis	authorized office   Name (Printed/Typed)   KU		grelius	Date July 1, 20	<del>-</del> )06
Title  Geology  Approved by (Signature)	Name (Printed/Typed)		11	Date O. C.	
Title AFM	Office III	······································	<u> </u>	2000 AUG 30 '	07
Application approval does not warrant or certify that the applicant ho conduct operations thereon.  Conditions of approval, if any, are attached.	lds legal or equitable title to those righ	nts in the sub	ject lease which would ent	title the applicants. DI UIL CUIVS. DI DIST. 3	
Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations a	crime for any person knowingly and s	willfully to m	ake to any department or	agency of the United	•

\*(Instructions on page 2)

NOTIFY AZTEC OCD 24 HRS.

A water based gel-mud will be used to drill surface and production casing hole. Standard 2,000 psi BOP will be used to drill production hole. The Fruitland Coal will be completed from approximately 1320' - 1375'. The interval will be fracture stimulated.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.9 and appeal pursuant to 43 CFR 3165.4



District I PO Box 1980, Hobbs, NM 88241-1980 State of New Mexico Form C-102 Revised February 21, 1994 Energy, Minerals & Natural Resources Department Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies District II PO Drawer DD. Artesia. NM 88211-0719 OIL CONSERVATION DIVISION RCVD AUG 30'07 PO Box 2088 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87504-2088 AMENDED REPORT District IV PO Box 2088, Santa Fe. NM 87504-2088 OIL CONS. DIV. DIST. 3 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code Pool Name 71629 BASIN FRUITLAND COAL 30.04.329 Well Number Property Code Property Name WESTERN FEDERAL COM 90S 36695 \*Operator Name \*Elevation 006515 DUGAN PRODUCTION CORPORATION 6101 <sup>10</sup> Surface Location Lot Idn Feet from the North/South line East/West line County UL or lot no Section Feet from the 1385 905 **SOUTH** 0 7 26N 11W **EAST** SAN JUAN <sup>11</sup> Bottom Hole Location If Different From Surface Feet from the UL or lot no Section Feet from the County East/West line 13 Joint or Infill 12 Dedicated Acres <sup>14</sup> Consoludation Code <sup>45</sup> Order No. 320.0 Acres - (E/2) 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 OPERATOR CERTIFICATION 1317.36 1342.44 MERRION 2685.54 DUGAN I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief SF-078897 SF-078897-A LOT 1 1 w Signature Kurt Fagrelius Printed Name Geology Title July 1, 2006 LOT 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 8 DUGAN 88 SF-078897-A 5280. **DUGAN** SF-078897 Date of Survey: JUNE 2, 2006 Signature and Seal of Professional Surveyor LOT SON C. EDWARDS EN MEXIC

> LAT: 36.49786 N LONG: 108.04079 W DATUM: NAD1983 (

> > 1321.98

1321.98

LOT 2

1302.84

1385

1321.98

POPESSIONAL PROPESSIONAL

15269

Certificate Number

Submit 3 Copies To Appropriate District Office District I Energy, Minerals and Natural Resources	Form C-103 May 27, 2004
1625 N French Dr , Hobbs, NM 88240	WELL API NO. 30-045- 3390
District III 1220 South St. Francis Dr.	5. Indicate Type of Lease Federal XX STATE FEE
District IV 1220 S St. Francis Dr , Santa Fe, NM	6. State Oil & Gas Lease No.
87505	Federal SF-078897
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name Western Federal Com
PROPOSALS)  1. Type of Well: Oil Well Gas Well XX Other	8. Well Number 90-S
2. Name of Operator  Dugan Production Corp.	9. OGRID Number 006515
3. Address of Operator 709 East Murray Drive, Farmington, NM	10. Pool name or Wildcat Basin Fruitland Coal
4. Well Location Unit Letter 0: 905' feet from the south line and 13	385 feet from the east line
Section 7 Township 26N Range 11W	NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  GL -6101!	
Pit or Below-grade Tank Application von Closure Delt type Drilling Depth to Groundwater +100 bistance from nearest fresh water well +1000 bistance	200 to manage to writing water +200 to
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Co	nstruction Material Synthetic
12. Check Appropriate Box to Indicate Nature of Notice,	
	•
NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK  TEMPORARILY ABANDON   CHANGE PLANS   COMMENCE DRII  PULL OR ALTER CASING   MULTIPLE COMPL   CASING/CEMENT	LLING OPNS. P AND A
OTHER: Reserve pit for drilling (lined) XX OTHER:	
13. Describe proposed or completed operations. (Clearly state all pertinent details, and of starting any proposed work). SEE RULE 1103. For Multiple Completions: Att or recompletion.	
A water based gel-mud will be used to drill surface Standard 2,000 psi BOP will be used to drill production of the completed from approximately 1320' - be fracture stimulated.	ction hole. The Fruitland
	RCVD AUG 30 '07 OIL CONS. DIV.
	DIST. 3
I hereby certify that the information above is true and complete to the best of my knowledge grade tank has been/will be constructed or closed according to NMOCD guidelines XI, a general permit	e and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan
SIGNATURE / Lurt fagrelius   TITLE   Geology   Kurt Fagrelius   kfagrelius@duganproduction	DATE July 1, 2006 n.com 505-325-1821

The same of the sa

SIGNATURE

| TITLE | Geology | Geolo

# EXHIBIT B OPERATIONS PLAN

Western Federal Com #90-S

### APPROXIMATE FORMATION TOPS:

Ojo Alamo	305′		
Kirtland	435′	Pictured Cliffs	1375′
Fruitland	1020′	Total Depth	1530′

Catch samples every 10 feet from 1250 feet to 1530 feet.

#### LOGGING PROGRAM:

Run cased-hole GR-CCL-CNL from total depth to surface.

#### CASING PROGRAM:

Hole	Casing		Setting	Grade and
Size	Size	Wt./ft.	Depth	Condition
$\overline{12-1}/4"$	8-5/8 <b>"</b>	24#	120'	J-55
7 <b>"</b>	5-1/2"	14#	1530 <i>′</i>	J-55

Plan to drill a 12-1/4" hole and set 120' of 8-5/8" OD, 24#, J-55 surface casing. Then plan to drill a 7" hole to total depth with gel-water mud program to test the Fruitland Coal. 5-1/2", 14#, J-55 production casing will be run and cemented. Cased hole GR-CCL-CNL log will be run. Productive zone will be perforated and fractured. After frac, the well will be cleaned out and production equipment will be installed.

## CEMENTING PROGRAM:

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Surface: Cement to surface with 70 cf Class B + 2% CaCl<sub>2</sub>. Circulate to surface.

Production Stage-Cement with 125 cf 2%Lodense with

%# celloflake/sx followed by 110 cf Class "B" with

1/4# celloflake/sx.

Total cement slurry for production stage is 235 cf.

Circulate cement to surface.

An adequate spacer will be pumped ahead of the cement slurry to help prevent mud contamination of the cement. An adequate number of casing centralizers will be run through usable water zones to ensure that casing is centralized through these zones. The adequate number of centralizers will be determined based on API standards. Centralizers to impart a swirling action around the casing will be used just below and into the base of the lowest usable water zone. These devices will assist mud

displacement, increase cement bonding potential and create an effective hydraulic seal. A chronological log will be kept which records the pump rate, pump pressure, slurry density, and slurry volume for the cement job. The log will be sent to the BLM after completion of the job.

## WELLHEAD EQUIPMENT:

Huber 8-5/8"x5-1/2" casing head, 1000# WP, tested to 2000#. Huber 5-1/2"x2-7/8" tubing head, 1000# WP, tested to 2000#.

BOP and Related Equipment will include for a 2000 psi system:

(Exhibit D)

Annular preventer, double ram, or 2 rams with one being blind and one being a pipe ram.

Kill line (2" minimum)

1 kill line valve (2" minimum)

1 choke line valve

2 chokes

Upper kelly cock valve with handle available Safety valve and subs to fit all drill string connections in use.

Pressure gauge on choke manifold.

2" minimum choke line.

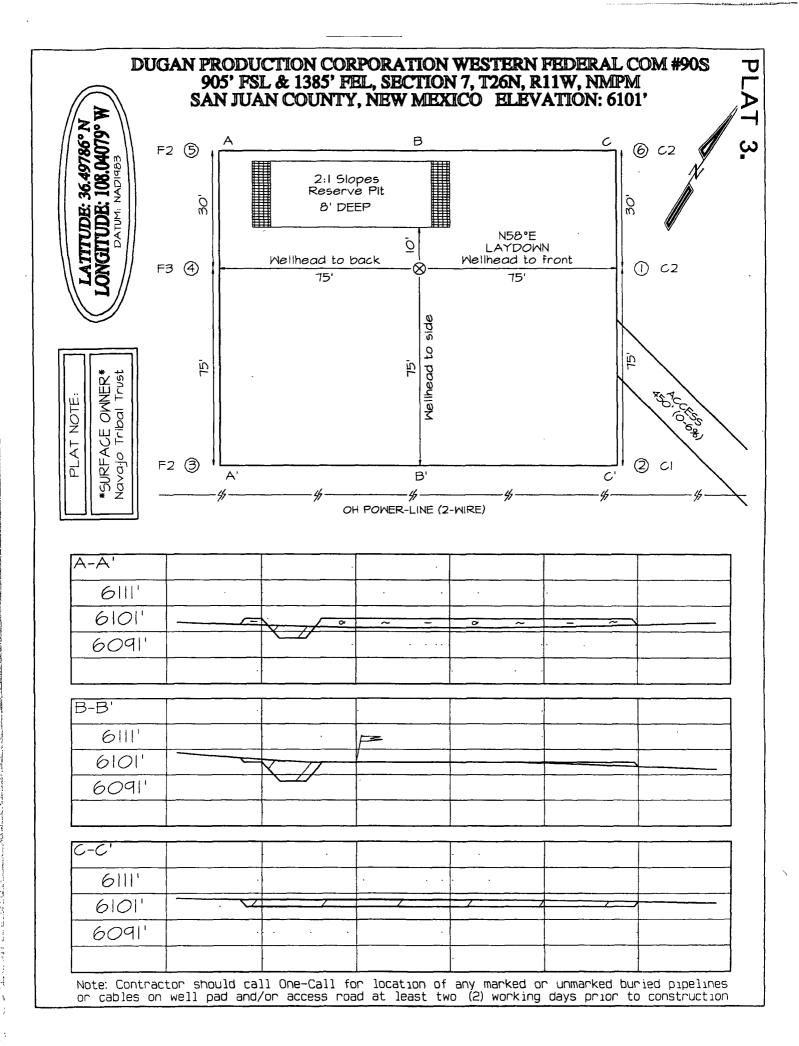
Fill-up line.

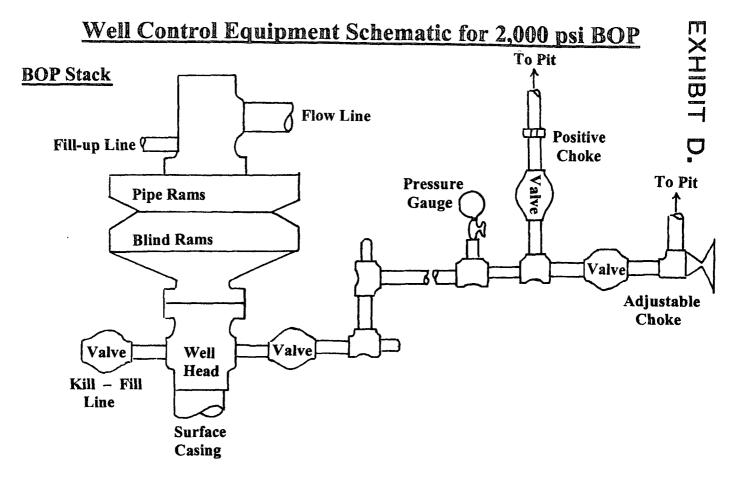
#### Contacts:

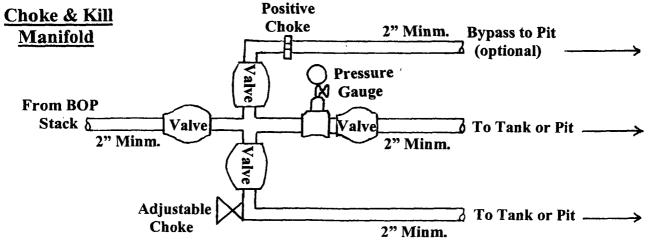
Amenda of the control of the control

Dugan Prod.Corp. Office & Radio Dispatch: 325-1821

Mark	Brown	327-3632 320-8247	
Kurt	Fagrelius	325-4327 320-8248	
John	Alexander	325-6927 320-1935	. ,







Working Pressure for all equipment is 2,000 psi or greater

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DUGAN PRODUCTION CORP. WESTERN FEDERAL COM #90-S