FORM APPROVED Form 3160-3 OMB No. 1004-0137 Expires March 31, 2007 (April 2004) UNITED STATES UNITED STATES 2000 JUN DEPARTMENT OF THE INTERIOR -5. Lease Serial No. NM-10246 BUREAU OF LAND MANAGEMENT APPLICATION FOR PERMIT TO DRILL OR REENTER TO TO IT EIVED 6. If Indian, Allotee or Tribe Name 7 If Unit or CA Agreement, Name and No. Type of work: DRILL REENTER NM NM 99326 8. Lease Name and Well No. Oil Well Gas Well Single Zone Multiple Zone Type of Well: Waterford Com #90-S Name of Operator 9. API Well No. **Dugan Production Corp.** 30-045- 3 3b. Phone No. (include area code) 10. Field and Pool, or Exploratory 3a. Address 709 East Murray Drive, Farmington, NM 505-325-1821 Basin Fruitland Coal 11. Sec., T. R. M. or Blk and Survey or Area 4. Location of Well (Report Irration clearly and in accordance with any State requirements.*) F Sec. 20, T26N, R12W At surface 1575' FNL & 1575' FWL, Lat. 36.47665 N. Long. 108.13842 W NMPM At proposed prod. zone Same as above 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office.

Approx. 25-miles south of Farmington, New Mexico San Juan NM 15. Distance from proposed* 17. Spacing Unit dedicated to this well 16. No. of acres in lease location to nearest property or lease line, ft.
(Also to nearest drig. unit line, if any) 160.0 N/2-320.0 Acres 1575 Feet 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1240' Approx. 1000' 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration ASAP 6-Days 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file (see 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certification SUPO shall be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the authorized officer. 25. Signature Kurt Fagrelius June 5, 2006 Title Geology Name (Printed/Typed) Approved by (Signate Title Office Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. OTIFY AZTEC OCD 24 HRS. *(Instructions on page 2)

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 casing hole. will be completed from approximately 1074' - 1086'. The interval will be fracture stimulated.

RCVD AUG 16'07 OIL CONS. DIV.

DIST. 3

NMOCD 8.50.07

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 DIVÍSION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Certificate Number

AMENDED REPORT

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. DUG. NM-10		e w B3 RUN	INING HORSE	I hereby a shown on notes of a my superviand correct Date of Signature	Kurt Fa Name Geology June 5, EYOR CERTI Entify that the we this plat was plot actual surveys made tactual surveys and that the to the best of re Survey: APR and Seal of Profes	2006 IFICATION ell location ted from field e by me or under same is true my belief IL 28, 2006 ssional Surveyor

5270.76'

Submit 3 Copies To Appropriate District Office State of New Mexico Office	Form C-103 May 27, 2004
District I Energy, Minerals and Natural Resources 1625 N French Dr., Hobbs, NM 88240	WELL APINO
District II 1301 W Grand Ave , Artesia, NM 88210 OIL CONSERVATION DIVISION	30-045-33781
District III 1220 South St. Francis Dr.	5. Indicate Type of Lease Federal XX STATE FEE
District IV Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S St Francis Dr., Santa Fe, NM 87505	NM-10246
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 Waterford 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, New Mexico 87401	10. Pool name or Wildcat Basin Fruitland Coal
A Wall Location	
Unit Letter F: 1575' feer from the north line and	575' feet from the west line
Section 20 Township 26N Range 12W	NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc. GL-6000	
Pit or Below-grade Tank Application Wor Closure Pit typeDrilling Depth to Groundwater +100 Distance from nearest fresh water well	+200'
	onstruction Material Synthetic
12. Check Appropriate Box to Indicate Nature of Notice,	
	•
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WOR	ILLING OPNS. P AND A
OTHER: Reserve pit for drilling (lined) OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, an of starting any proposed work). SEE RULE 1103. For Multiple Completions: A or recompletion.	
A water based gel-mud will be used to drill surface a Standard 2,000 psi BOP will be used to drill product will be completed from approximately 1074' - 1086'. fracture stimulated.	on hole. The Fruitland Coal
Tracture Stillurated.	RCVD AUG 16 '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 [2], a general permit [3]	e and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .
SIGNATURE Kurt Fegurini TITLE Geology	DATE June 5, 2006
Kurt Fagrelius kfagrelius@duganproduct Type or print name E-mail address:	
For State Use Only Deputy Oil & Ga	n Inspector
APPROVED BY: TITLE District Conditions of Approval (if any):	

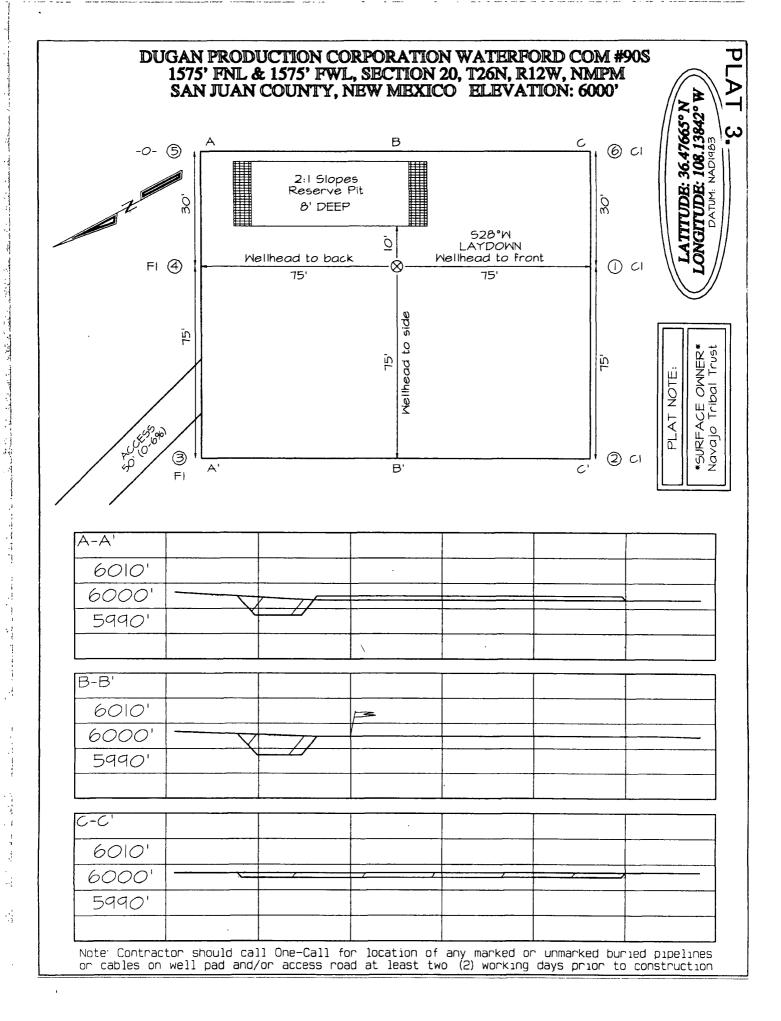


EXHIBIT B

OPERATIONS PLAN

Waterford Com #90-S

APPROXIMATE FORMATION TOPS:

Ojo Alamo	Surface		
Kirtland	106′	Pictured Cliffs	1090'
Fruitland	820′	Total Depth	1240′

Catch samples every 10 feet from 1000 feet to 1240 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
12-1/4"	8-5/ 8"	24#	120′	J-55
7 "	5-1/2"	14#	1240′	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:

Surface: Cement to surface with 70 cf Class B + 2% CaCl₂. Circulate to surface.

Production Stage-Cement with 110 cf 2%Lodense with

%# celloflake/sx followed by 90 cf Class "B" with

1/4# celloflake/sx.

Total cement slurry for production stage is 200 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.

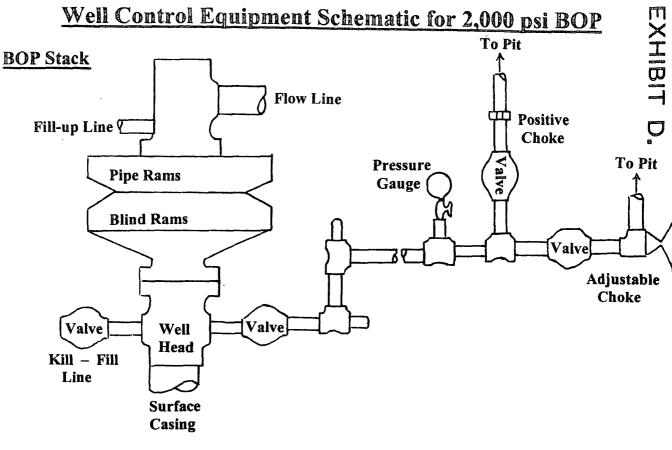
2" minimum choke line.

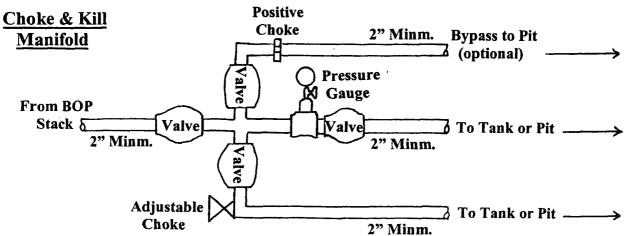
Fill-up line.

Contacts:

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

DUGAN PRODUCTION CORP. WATERFORD COM #90-S