Form 3160-3 (April 2004) RECEIVED

APR 08 2011

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

5. Lease Serial No. NM-23744

BUREAU OF LAND MANAGEMENT Farmington Field Office If Indian, Allote or Tribe Name

UNITED STATES

DEPARTMENT OF THE INTERIOR

AFFEIGATION FOR FERMIN TO	DILLE ON HOPINENTSHICK	vianagemen.	
la. Type of work: X DRILL REENTE	? If Unit or CA Agreement, Name and No.		
lb. Type of Well: Oil Well X Gas Well Other	X Single Zone Multiple	8. Lease Name and Well No. Olympic #90	
2. Name of Operator Dugan Production Corp.		9. API Well No. 35272	
3a. Address 709 East Murray Drive Farmington, NM 87401	1 505_225_1921		
4. Location of Well (Report Irvation clearly and in accordance with any At surface 905' FSL & 1400' FWL Lat. 36 At proposed prod. zone Same as above Long	11. Sec., T. R. M. or Blk and Survey or Area N Sec. 3, T23N, R10W NMPM		
14. Distance in miles and direction from nearest town or post office. Approx. 35-miles SE of Farming	aton New Mexico	12. County or Parish 13. State San Juan NM	
15. Distance from proposed*		7. Spacing Unit dedicated to this well	
location to nearest property or lease line, ft. 905-Feet (Also to nearest drig. unit line, if any)	639.56-Acres	320.0 Acres - (S/2)	
Distance from proposed location* to nearest well, drilling, completed, Approx. 650' applied for, on this lease, ft.	19. Proposed Depth 20 1190-Feet	On File RCVD DEC 4'	
II. Elevations (Show whether DF, KDB, RT, GL, etc.) G. L. 6671-Feet	22 Approximate date work will start* ASAP	23. Estimated duration DIST. 3	
	24. Attachments		
he following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, shall be attac	ched to this form:	
1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	Item 20 above). Lands, the 5. Operator certificati	ecific information and/or plans as may be required by the	
25. Signature Kurt Fagnetin	Name (Printed/Typed) Kurt Fagreliu	Date 4-8-2011	
itle Geologist			
approved by (Signature) May like (1)7	Name (Printed/Typed)	Date 11/38/12	
itle AFM	Office FFO		
pplication approval does not warrant or certify that the applicant holds anduct operations thereon. onditions of approval, if any, are attached.	s legal or equitable title to those rights i	in the subject lease which would entitle the applicant to	
tte 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a creates any false, fictitious or fraudulent statements or representations as to	ime for any person knowingly and will o any matter within its jurisdiction.	fully to make to any department or agency of the United	

*(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 hole. The Fruitland coal will be perforated from approximately 1013 - 1038 feet. The interval will be fracture stimulated.

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4



BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

A COMPLETE C-144 MUST BE SUBMITTED TO AND F APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

DEC 0 6 2012 Ca

District I 1625 N. French Dr., Hobbs, NM 88240

State of New Mexico : Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised October 12, 2005 Instructions on back

District II 1301 W. Grand Avenue, Artesia, NM 88210

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

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

AMENDED REPORT

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				WELL	LOCAT	ON AND A	CREAGE DEDI	ICATION PL	.AT		
{	¹A	PI Number	٢		'Pool Cod	е		· Pool Nam	e		
30-045-35272			71629		BA	SIN FRUITL	AND CO	DAL			
'Property Code 'Property			perty Name _YMPIC			[®] We	11 Number 90				
-	OCRID A					•0000000				• 5	levation
		OGRID No. ODERATION ODERATION ODERATION				ON	İ	_	6671		
	¹⁰ Surface Location										
	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	est line	County
	N	3	23N	10W		905	SOUTH	1400	WE	ST	SAN JUAN
			¹¹ Bc	ottom	Hole L	ocation I	f Different	From Surf	ace		
	UL or lat no.	Sect ion	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
									ŀ		
320.0 ACRES - (S/2) Sound or Infill Consolidation Code Consolidation Code											
	NO ALLOW	ABLE W	ILL BE AS	SSIGNE NON-ST	D TO TH ANDARD	IS COMPLETI UNIT HAS B	ON UNTIL ALL EEN APPROVED	INTERESTS H BY THE DIVI	AVE BE	EN CON	ISOL IDATED
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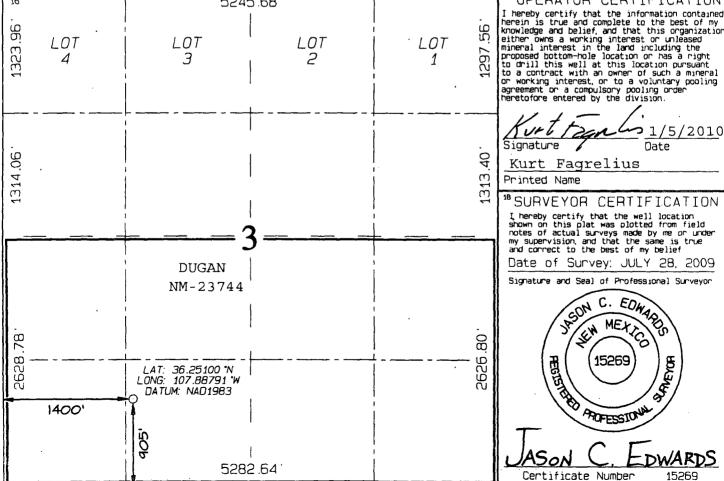


EXHIBIT B OPERATIONS PLAN

Olympic #90

APPROXIMATE FORMATION TOPS:

Total Depth	1190′
Pictured Cliffs	1040′
Fruitland	745 ′
Kirtland	307 ′
Ojo Alamo	220 ′

Catch samples every 10 feet from 900-feet to total depth.

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
7-7/8"	5-1/2"	15.5#	1190′	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 7-7/8" hole to total depth with gel-water mud program to test the Fruitland Coal. 5-1/2", 15.5#, 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 75-cf Class B + 2% CaCl₂. Circulate to surface.

Production Stage- Cement w/160-sx Premium Lite FM 3% BWOC

Calcium Chloride + 0.25 lbs/sx Celloflake + 5 lbs/sk

LCM-1 + 0.4% BWOC FL-52 + 8% BWOC Bentonite + 0.4%

BWOC Sodium Metasilicate + 112.3% fresh water (12.1 lb/gal, 2.13 cu ft/sx - 210-cu ft slurry). Tail

w/163-sx Type III cement + 1 lb/sk Calcium Chloride + 0.25 lb/sx Celloflake + 0.2% BWOC FL-52 + 59% fresh water (14.6 lb/gal, 1.38 cu ft/sx-140-cu ft slurry).

Total cement slurry for production stage is 350-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 useable 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, pressure, slurry density, and slurry volume for the cement job. The log will be sent to the BLM after completion of the job.

Maximum Anticipated Bottom Hole Pressure - 300 psi.

Drilling Fluid - will be fresh water with bentonite 8.9#/gal.

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#.

Blow-Out Preventer Equipment (BOPE): 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 adjustable 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.

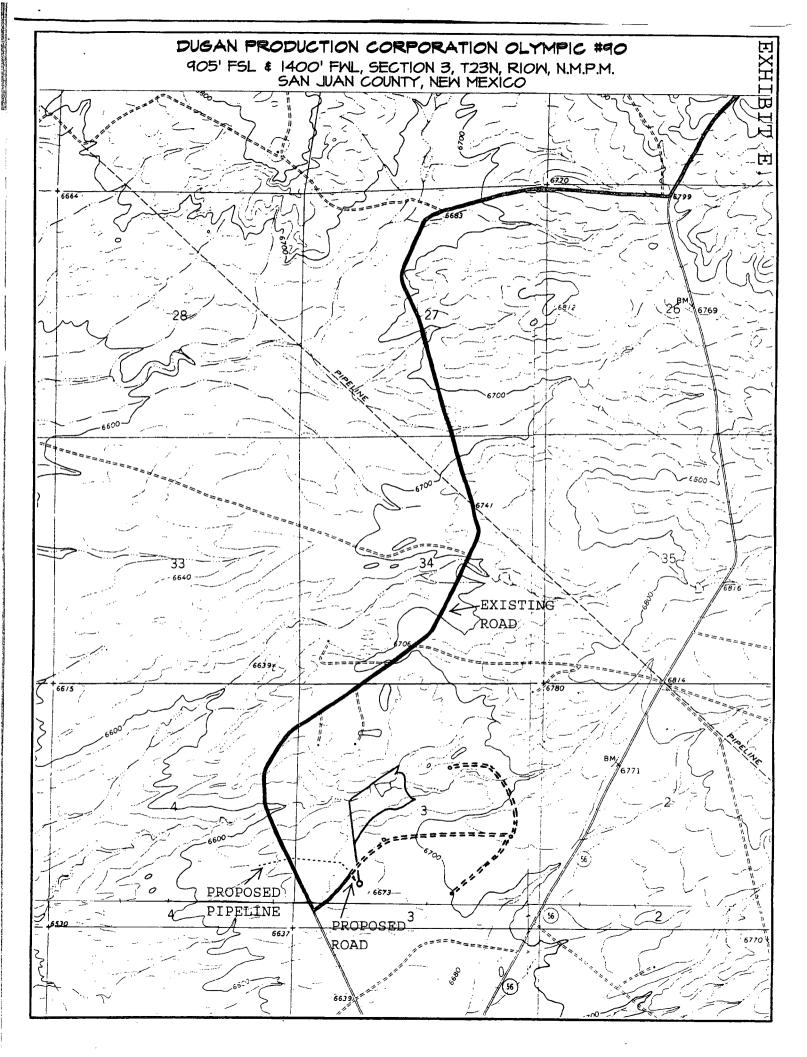
Fill-up line.

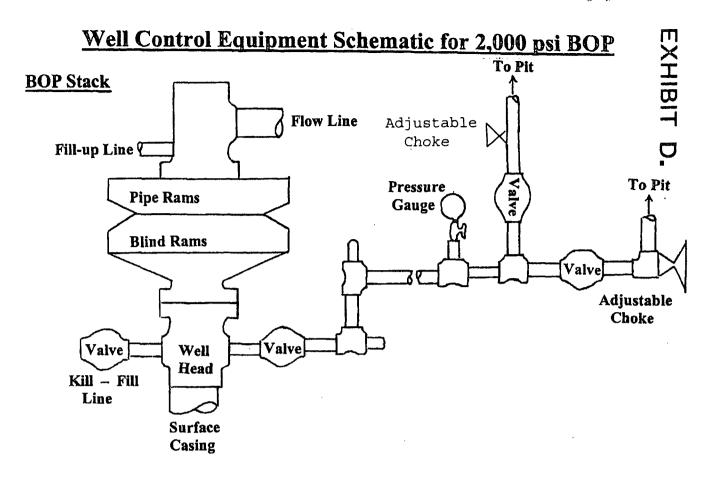
Working pressure for all BOPE will be 2,000 psi or greater.

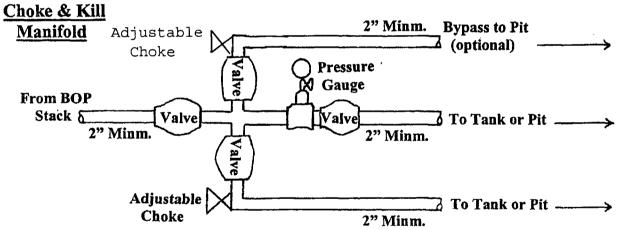
Will test BOPE (blind rams, pipe rams, choke manifold and surface casing) separately. Each test will include a low pressure test to 250-psig held for five minutes and a high pressure test to 800-psig held for thirty minutes (with no more than a 10-percent pressure drop during the duration of the tests). If a 10-percent or greater pressure drop occurs; a packer will be run to isolate the surface casing and BOPE to locate the source of the leak.

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

Mark Brown	Kurt Fagrelius	John Alexander
327-3632 (H)	325-4327 (H)	325-6927 (H)
320-8247 (M)	320-8248 (M)	320-1935 (M)







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

DUGAN PRODUCTION CORP.
Olympic #90