7875763720 3720 30 30 30 30 30 30 30 30 30 30 30 30 30				
Form 3160.3 DIST. 8	2008 APR 10 F		APPROVED No. 1004-0137 March 31, 2007	
UNITED STATES DEPARTMENT OF THE I	NTERIOR RECEIV		,	
BUREAU OF LAND MAN		27011	SF-081231-B	
APPLICATION FOR PERMIT TO I	DRILL OR REENTER	6. If Indian, Allow	e or true Name	
la. Type of work: DRILL REENTE	R	7 If Unit or CA Ag	reement, Name and No.	
lb. Type of Well: Oil Well Gas Well Other	Single Zone X Multip	8. Lease Name and Pan Ame	I Well No. Jadara erican #3	•
2. Name of Operator Dugan Production Corp.		9. API Well No. 30-045	22/G-1	
, or past regardly period a grand and a series	3b. Phone No. (include area code)	10. Field and Pool, o	r Exploratory	
4. Location of Well (Report Irration clearly and in accordance with any	505-325-1821 State requirements 9		t. Coal/Harper Blk and Survey or Area	· Hill P.
At surface 1140' FSL & 1980' FWL, Lat At proposed prod. zone Same as above		Alc on	T30N, R14W	
14. Distance in miles and direction from nearest town or post office. Approx. 5-miles NW of Farmingto	n New Mexico	12. County or Parish San Juan		
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 lesse 320.0-Acres	17. Spacing Unit dedicated to this W/2-320.0 Acre SW/4-160.0 Acre	es (Fruit, Coa	
18. Distance from proposed location* to nearest well, drilling, completed, Approx 3700 applied for, on this lense, ft.	19. Proposed Depth 1540	20. BLM/BIA Bond No. on file		, , , , , , ,
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GL-5649'	22. Approximate date work will start ASAP	23. Estimated durati 6-Days	041	
	24. Attachments			
The following, completed in accordance with the requirements of Onshore				
Well plat certified by a registered surveyor. A Drilling Plan.	ltem 20 above).	operations unless covered by a	a existing bond on file (see	
 A Surface Use Plan (if the location is on National Forest System I SUPO shall be filed with the appropriate Forest Service Office). 	ands, the 5. Operator certifica 6. Such other site s authorized office	pecific information and/or plans a	s may be required by the	
25. Signature Kurt Fagrelin	Name (Printed/Typed) Kurt Fagr	elius	Date April 10,	2006
Title Geology				
Approved by (Signority) in all Signed: Stephen Mason	Name (Printed/Typed)		Date JUN 2 1 2006	
Title	Office			
Application approval does not warrant or certify that the applicant holds conduct operations thereon. Conditions of approval, if any, are attached.	legal or equitable title to those rights	in the subject lease which would	entitle the applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crit States any false, ficutious or fraudulent statements or representations as to	me for any person knowingly and will any matter within its jurisdiction.	lfully to make to any department	r 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 Sand, Fruitland Coal and Pictured Cliffs Sandstone will be completed from approximately 1200' - 1370'. The interval will be fractured.

nical and .5 43 CFR 3165.9 FR 3165.4 District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD. Antesia, 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, 1994 Instructions on back to Appropriate District Office

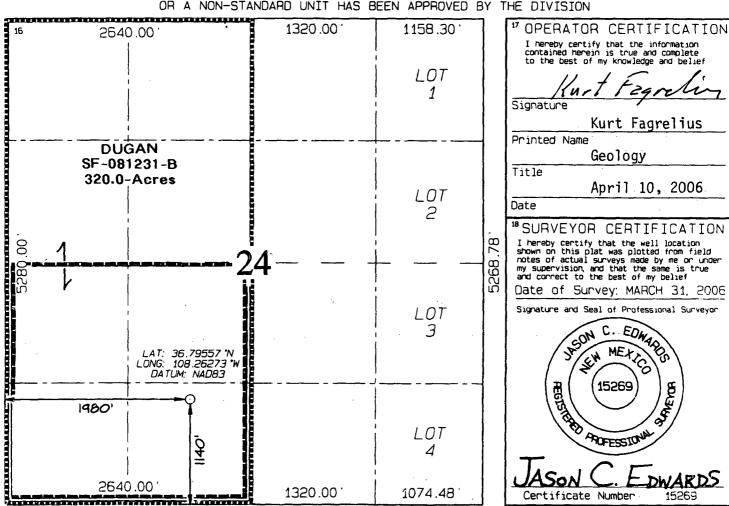
Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	Number	(*Pool Co	1	'Pool Name				
30-04	15-3	3697 ⁷	8160 - 7	1629 H	ARPER HILL FR	RUITLAND SAND P	ICTURED CLIFF	FS - BASIN	FRUITLAND COAL
*Property			Property Name						Well Number
380	/		PAN AMERICAN Jederal					3	
'OGRID N	10.		*Operator Name						*Elevation
00651	5		DUGAN PRODUCTION CORPORATION					5649	
					¹⁰ Surface	Location			
UL or lot no.	Sect ion	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County
N	24	30N	14W		1140	SOUTH	1980	WEST	SAN JUAN
		11 [Bottom	Hole L	ocation I	f Different	From Surf	ace	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin	e County
		<u></u>		····-					
12 Dedicated Acres	160.0	Acres	(SW/4)		19 Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		
	320.0	O Acres	(M/S)	- FC			<u>.</u>		

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



Submit 3 Copies To Appropriate District Offfice District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Ave., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 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 PROPOSALS.) 1. Type of Well: Oil Well Gas Well Other 2. Name of Operator Dugan Production Corp. 3. Address of Operator	Form C-103 May 27, 2004 WELL API NO. 30-045-33-97 5. Indicate Type of Lease Federal XX STATE FEE 6. State Oil & Gas Lease No. Federal SF-081231-B 7. Lease Name or Unit Agreement Name Pan American 8. Well Number #3 9. OGRID Number 006515 10. Pool name or Wildcat Basin Fruit. Coal/Harper Hill
Unit Letter : feet from the line and Section 24 Township 30N Range 14W 11. Elevation (Show whether DR, RKB, RT, GR, etc. GL-5649 Pit or Below-grade Tank Application for Closure 1 Pit typ Drilling Depth to Groundwate 100 Distance from nearest fresh water well 1000 Distance from nearest fresh 1000 Distance from neare	980 west line NMPM County San Juan stance from nearest surface water Synthetic
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; (Construction Material Synthetic
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WO	BSEQUENT REPORT OF: RK
I hereby certify that the information above is true and complete to the best of my knowledge	ge and belief. I further certify that any nit or below-
SIGNATURE Kurt Fagrelius Kagrelius Kagrel	DATE April 10, 2006 uction.com 325-1821 Telephone No.

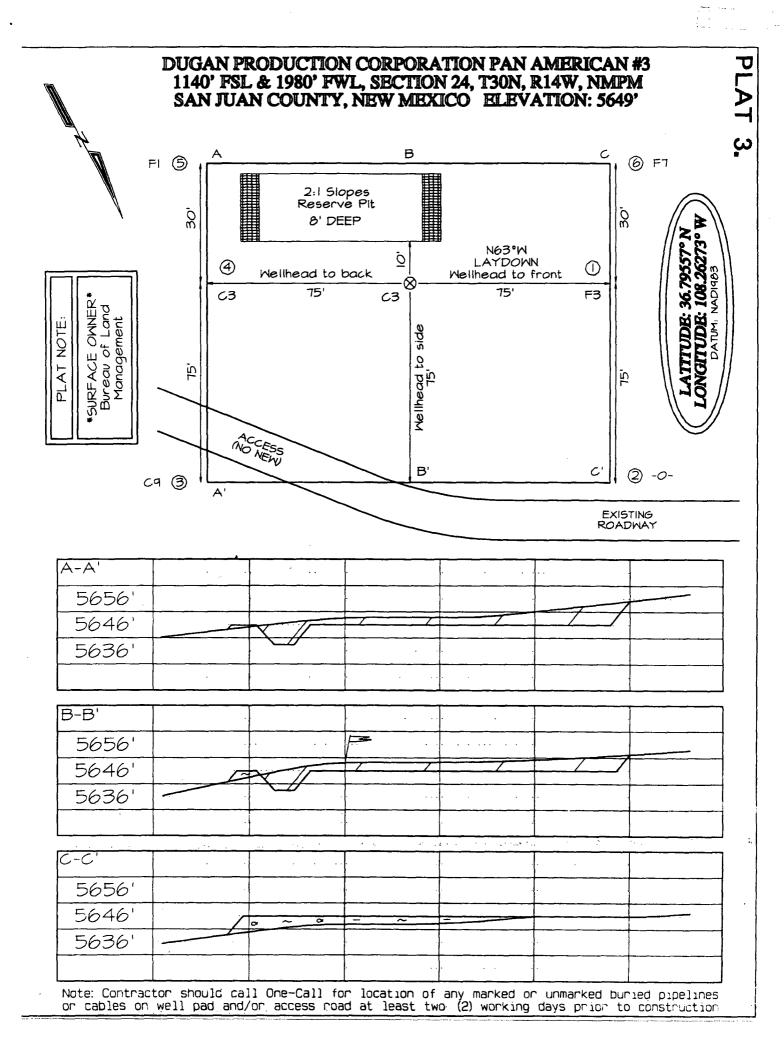


EXHIBIT B OPERATIONS PLAN Pan American #3

APPROXIMATE FORMATION TOPS:

Total Depth	1540′
Pictured Cliffs	1364′
Fruitland	1150
Kirtland	Surface

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
11"	8-5/8"	20#	120'	J-55
7"	5-1/2"	14#	1540'	J-55

Plan to drill a 11" hole and set 120' of 8-5/8" OD, 20#, J-55 surface casing. Then plan to drill a 7" hole to total depth with gel-water mud program to test the Fruitland Coal, Fruitland Sand and Pictured Cliffs Sand. 5-1/2", 14#, J-55 production casing will be run and cemented. Cased hole GR-CCL-CNL log will be run. Productive zones 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 155 cf 2%lodense with

%# celloflake/sx followed by 85 cf Class "B" with

%# celloflake/sx.

Total gement glurry for production stage is 240 cf

Total cement slurry for production stage is 240 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.

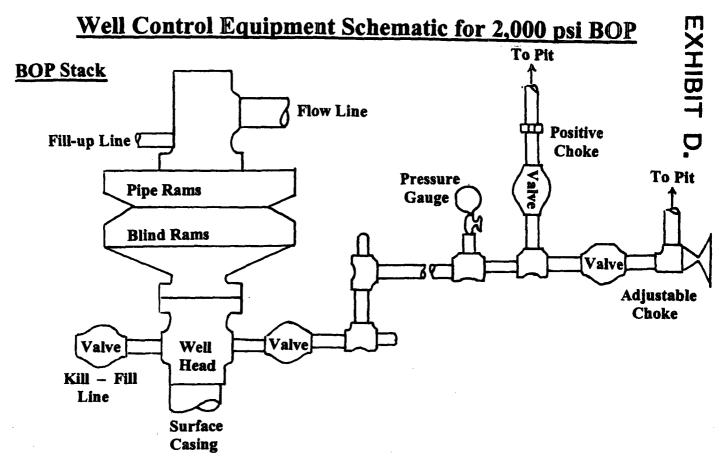
Fill-up line.

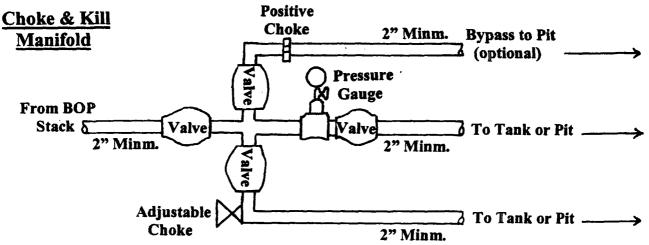
Contacts:

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	

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

DUGAN PRODUCTION CORP.
PAN AMERICAN #3