or representations as to any matter within its jurisdiction.

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

PO Box 2088, Santa Fe, NM 87504-2088

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

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UIL CONSERVATION DIVISION 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

AMENDED REPORT

			WELL			ACREAGE DED:				
				*Pool Code 71529		Pool Name BASIN FRUITLAND COAL				
Property Code				³Property Name MUDDY MUDDA COM			*Well Number 90			
'OGRID No. 006515			*Operator Name DUGAN PRODUCTION CORPORATION .						*Elevation 6913	
				10	Surface	e Location		-		
UL or lot no.	Section 21	Township 24N	Range 9W	Let Idn	Feet from the	North/South line NORTH	Feet from the	East/West WES		COUNTY SAN JUAN
UL or lot no.	Section	11 E	Range	Hole Lo	ocation Feet from the	If Different	From Surf	ace East/West	line	County
P Dedicated Acres 320.0 Acres - (W/2)				¹³ Joint or Infill	M Consolidation Code	³⁵ Onder No.			<u> </u>	
NO ALLOW	ABLE W	ILL BE A	ASSIGNEI NON-ST	TO THIS	S COMPLET INIT HAS	ION UNTIL ALL BEEN APPROVED I	INTERESTS H BY THE DIVIS	AVE BEE	N CONS	SOL IDATED
¹⁶ DUGAI NM-36	N 1009		52 52 53	73.40			I hereby contained to the b	certify the dherein is est of my kn	t the intrue and nowledge	and belief
							Printed	Geolog	ist	

1850'

BB 167 DUGAN 100%

NM-12374

5258. Title June 30, 2003 Date 18 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. 92 Date of Survey: JUNE 16, 2003 Signature and Seal of Professional Surveyor C. EDWARDS SEW A OFESSION WARDS 5258.22 15269 Certificate Number

EXHIBIT B OPERATIONS PLAN

Muddy Mudda Com #90

APPROXIMATE FORMATION TOPS:

Total Depth	1850′
Pictured Cliffs	1695′
Fruitland	1275′
Kirtland	990′
Ojo Alamo	900′

Catch samples every 10 feet from 1550 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"	23#	120′	J-55
7"	5-1/2"	14#	1850 <i>'</i>	J-55

Plan to drill a 11" hole and set 120' of 8-5/8" OD, 23#, 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:

<u>Surface</u>: Cement to surface with 70 cf Class B + 2% CaCl₂.

Circulate to surface.

Production Stage-Cement with 200 cf 2%lodense with %# celloflake/sx followed by 100 cf Class "B" with

%# celloflake/sx.

Total cement slurry for production stage is 300 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 7"x5-1/2" casing head, 1000# WP, tested to 2000#. Huber 4-1/2"x2-7/8" tubing head, 1000# WP, tested to 2000#.

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

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	