Four Hoo-3 Chagas 1990) UEPARTHENT OF THE BUREAU OF LAND OF THE BUREAU OF LAND OF THE BUREAU OF THE	THE INTERFICE AND TO THE INTERFECT OF THE INTERFECT OF REENTER AUG 2008	FURNI AMPROVED ON B No. 1004003: Equipa No. 1004003: Equipa No. 1004000 NM-57445			
Ta Type of Work: DRILL CIREENTER REC 070 FARM	THELON MM SOME DIES.	7. If Unityer CA Agreement, Fiame and No.			
lb. Type of Well: 📋 Oil Well 🔯 Gas Well 📋 Oil	ner 🛛 Single Zone 🗡 Mülüple Zone 🥎	Zappa #91-S			
	KURT FAGRELIUS E-Mail: kfagrelius@duganproduction.com	79. API Well No. 30-045-33856			
3a. Address 709 EAST MURRAY DRIVE FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 505.325.1821 Fx: 505.327.4613	10. Field and Pool, or Explorator/ Basin Fruitland Coal			
4. Location of Well (Report location clearly and in accorda	• • • •	11. Sec., T., R., M., or Blk. and Survey or Area			
At surface 1500' FNL & 1280' FWL, At proposed prod. zone Same as above	Lat. 36.11375 N. Long. 107.67410 W.	E Sec. 27, T22N, R8W NMPM			
14. Distance in miles and direction from nearest town or post of Approx. 70-miles SE of Farmil	office* ngton, New Mexico	12. County or Parish San Juan NM			
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	17. Spacing Unit dedicated to this well			
1280 Feet	2,280.0 Acres	N/2-320.0 Acres			
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. on tile			
Approx. 2200 Feet	855 Feet	On File NMO140			
21. Elevations (Show whether DF, KB, RT, GL, etc. GL-6669.1	22. Approximate date work will start ASAP	23. Estimated duration 5-Days			
	24. Attachments	·			
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to the	nis form:			
<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 Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> <li>Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>Operator certification</li> <li>Such other site specific information and/or plans as may be required by the authorized officer.</li> </ol>					
25. Signature	Name (Printed/Typed)	Date			

July 20, 2006 **GEOLOGIST** Approved by (Signature Name (Printed/Typed) Title Office

Application approval does not warrant or certify 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.

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 680' - 700'. The interval will be fracture stimulated.

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

ADT Number

State of New Mexico Energy, Minerals & Natural Resources Department

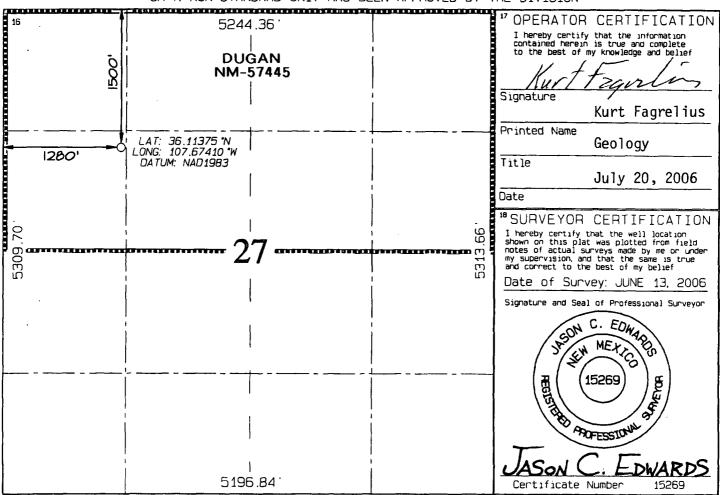
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

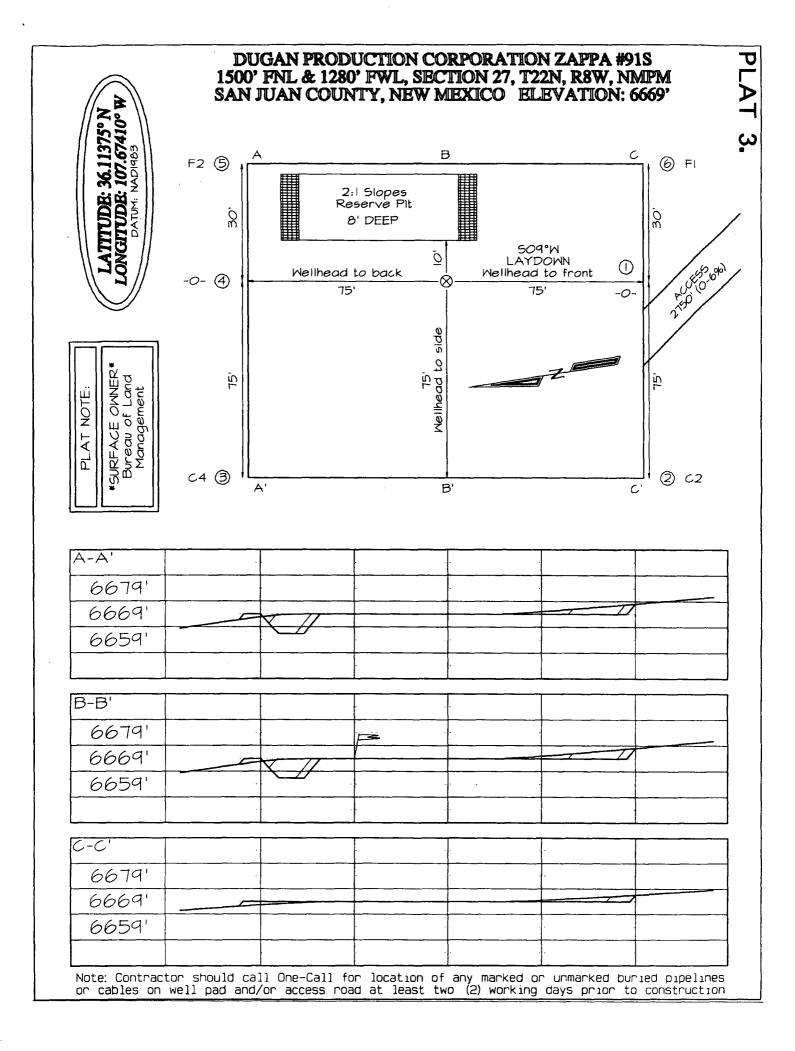
### WELL LOCATION AND ACREAGE DEDICATION PLAT

	API NUMDE			74000					
30-046	5 33	9000		71629	BASIN FRUITLAND COAL				
*Property		*Property Name				•W	⁴Well Number		
13361		ZAPPA					915		
'OGRID I	No	*Operator Name				•1	*Elevation		
00651	.5			DUGAN	N PRODUCTION CORPORATION 6669				6669'
					<sup>10</sup> Surface	Location			
UL or lot no.	Sect ion	Township	Ranga	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	55N	8W		1500	NORTH	1280	WEST	SAN JUAN
		11 B	ottom	Hole L	ocation I	f Different	From Surf	ace	
UL or lot no	Section	Townshap	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres		).O Acre	s - (N	1/2)	<sup>13</sup> Joint or Infill	<sup>54</sup> Consolidation Code	<sup>15</sup> Order No.		

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 Office	State of New M			Form C-1	
District [	Energy, Minerals and Nat	ural Resources	WELL APINO.	May 27, 2	
1625 N. French Dr., Hobbs, NM 88240 District II	OH CONCEDUATION	LENDARCHONI		30 <b>-</b> 045- <i>3385</i>	
1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERVATION 1220 South St. Fra		5. Indicate Type	of Lease Federal	XX
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 8		SIAIE	L FEE L	
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	Santa Pe, INIVI o	7303	6. State Oil & G	ns Lease No. NM-57445	
87505			<u> </u>		
SUNDRY NOT (DO NOT USE THIS FORM FOR PROPO	ICES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PL		7. Lease Name o	r Unit Agreement Nam	e
DIFFERENT RESERVOIR. USE "APPLI			Zappa		
PROPOSALS.)  1. Type of Well: Oil Well	Gas Well X Other		8. Well Number		
0.37	roduction Corp.		9. OGRID Numb	per ooce15	
3. Address of Operator 709 Eas	t Murray Drive, Farmin	gton, NM	10. Pool name or Basin F	ruitland Coal	
4. Well Location			<u> </u>		
Unit Letter E	1500 feet from the north	line and	280 feet fro	m the West	ıe
Section 27		ange 8W	NMPM	County San Juan	า
	11. Elevation (Show whether DF GL-6669	, RKB, RT, GR, etc.,		and the second	
Pit or Below-grade Tank Application 1	55				
Pit type Drilling Depth to Groundw	ater + 100 Distance from nearest fresh	vater well+1000 biss	ance from nearest surf	ere water +200 '	
Pit Liner Thickness: 12 mil	Below-Grade Tank: Volume	hhle: Co	nstruction Material	Synthetic	1
	Appropriate Box to Indicate N				
	•	iature of Notice,	Report of Other	Data	
NOTICE OF IN			SEQUENT RE		
PERFORM REMEDIAL WORK TEMPORARILY ABANDON	PLUG AND ABANDON  CHANGE PLANS	REMEDIAL WOR		ALTERING CASING [PANDA [	الـ
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMEN	_	PANDA [	
OTHER: Reserve pit for	<del></del>			_	_
13 Describe proposed or comp	leted operations. (Clearly state all	OTHER:	d give pertinent date	e including estimated	date
	ork). SEE RULE 1103. For Multip				
or recompletion.	•	•	C		
			1 1 - 4 - 4		
	nud will be used to dri BOP will be used to dr				1
will be completed t	from approximately 680'	- 700' T	on noie. Inc he interval v	vill be fractur	י <del>פ</del>
stimulated.	Tom approximately ode	700	11001147	VIII 20 TTGGGG	_
•					
				•	
	Market 1918 - The State of the				Collins and
I hereby certify that the information grade tank has been/will be constructed or	above is true and complete to the b	est of my knowledge X a general permit	e and belief. I furthe or an (attached) altern	er certify that any pit or beloative OCD-approved plan	ow- □.
$\nu + t_{\gamma}$	_ // *		· · · · · · · · · · · · · · · · · · ·		
SIGNATURE / / / Co	GULL TITLE	<del></del>	dan an-	DATE July 20,	2000
Type or print name Kurt Fagre	erius KTagrellus( E-mail a	duganproduct	Ten.Com	505-325-1821 elephone No.	
For State Use Only					
APPROVED BY:	TITI D	PITY ON A CAC II	HSPECTOR DIST A	EDATE AUG 282	)ກໍດຂ
Conditions of Approval (if any)	THE TILE W	VIE G VNJ 1	TUI LEIUN, UIJI.	BUATE FIND & O	.000
` * */	/				



# EXHIBIT B OPERATIONS PLAN

Zappa #91-S

## APPROXIMATE FORMATION TOPS:

Ojo Alamo Kirtland	65 <i>′</i>	Pictured Cliffs	705 <b>′</b>
	145′		
Fruitland	400′	Total Depth	855 <i>'</i>

Catch samples every 10 feet from 650 feet to total depth.

#### LOGGING PROGRAM:

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

# CASING PROGRAM:

Hole	Casing		Setting	Grade and
<u>Size</u>	Size	Wt./ft.	<u>Depth</u>	Condition
12-1/4"	8-5/8"	24#	120'	J-55
7"	5-1/2"	14#	855 <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:

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

Production Stage-Cement with 90 cf 2%Lodense with %# celloflake/sx followed by 50 cf Class "B" with %# celloflake/sx.

Total cement slurry for production stage is 140 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.

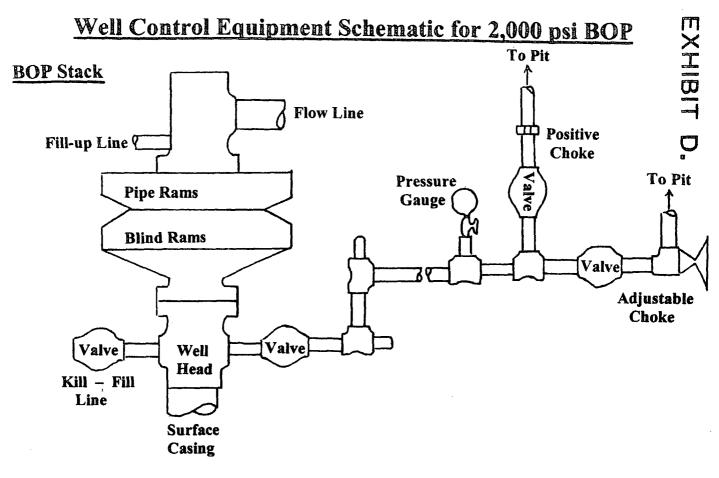
2" minimum choke line.

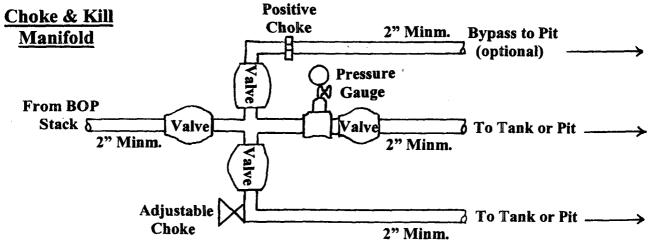
Fill-up line.

#### 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	- 1





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

DUGAN PRODUCTION CORP. ZAPPA #91-S