

5 BLM 1 Giant Exp. & Prod.
1 File

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
BLM

30-045-28806

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-76866	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR DUGAN PRODUCTION CORP. 6515		8. FARM OR LEASE NAME Alamo Com 13688	
3. ADDRESS OF OPERATOR P.O. Box 420, Farmington, NM 87499		9. WELL NO. 90	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2510' FSL & 1850' FWL At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* approx. 5 miles SW of EPNG's Chaco Plant		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA K Sec. 4, T25N, R13W, NMPM	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 130'	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 1/320 308.44	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A	19. PROPOSED DEPTH 1430'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DP, RT, GR, etc.) 6362' est. G.L. This action is subject to technical and procedural review pursuant to 43 CFR 3185.3		22. APPROX. DATE WORK WILL START* ASAP	
23. AND appeal pursuant to 43 CFR 3185.3 AND CEMENTING PROGRAM			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	90' 120'	40 sx (48 cu.ft.) circ. to surf.
6-1/4"	4 1/2"	10.5#	1430'	130 sx (223 cu.ft.) circ. to surf.

Plan to drill a 9-7/8" hole and set 90' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6-1/4" hole to total depth with gel-water-mud program to test Fruitland Coal formation. Plan to run IES and CDL logs. If determined productive, will run 4 1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

RECEIVED
OCT 27 1992
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Sherman E. Dugan TITLE Vice-President DATE 5-27-92
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

*See Instructions On Reverse Side

APPROVED
AS AMENDED

OCT 28 1992

REA MANAGER

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
BLM

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

92 JUN -5 AM 8:03

019 FARMINGTON, N.M.

Operator Dugan Production Corporation			Lease Alamo Com		Well No. 90
Unit Letter K	Section 4	Township 25 North	Range 13 West	County NMPM San Juan	
Actual Footage Location of Well: 2510 feet from the South line and 1850 feet from the West line					
Ground level Elev. 6362 Est	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal		Dedicated Acreage: 320 30844 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation communitized

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Sherman E. Dugan

Position

Vice-President

Company

Dugan Production Corp.

Date

5-27-92

SURVEYOR CERTIFICATION

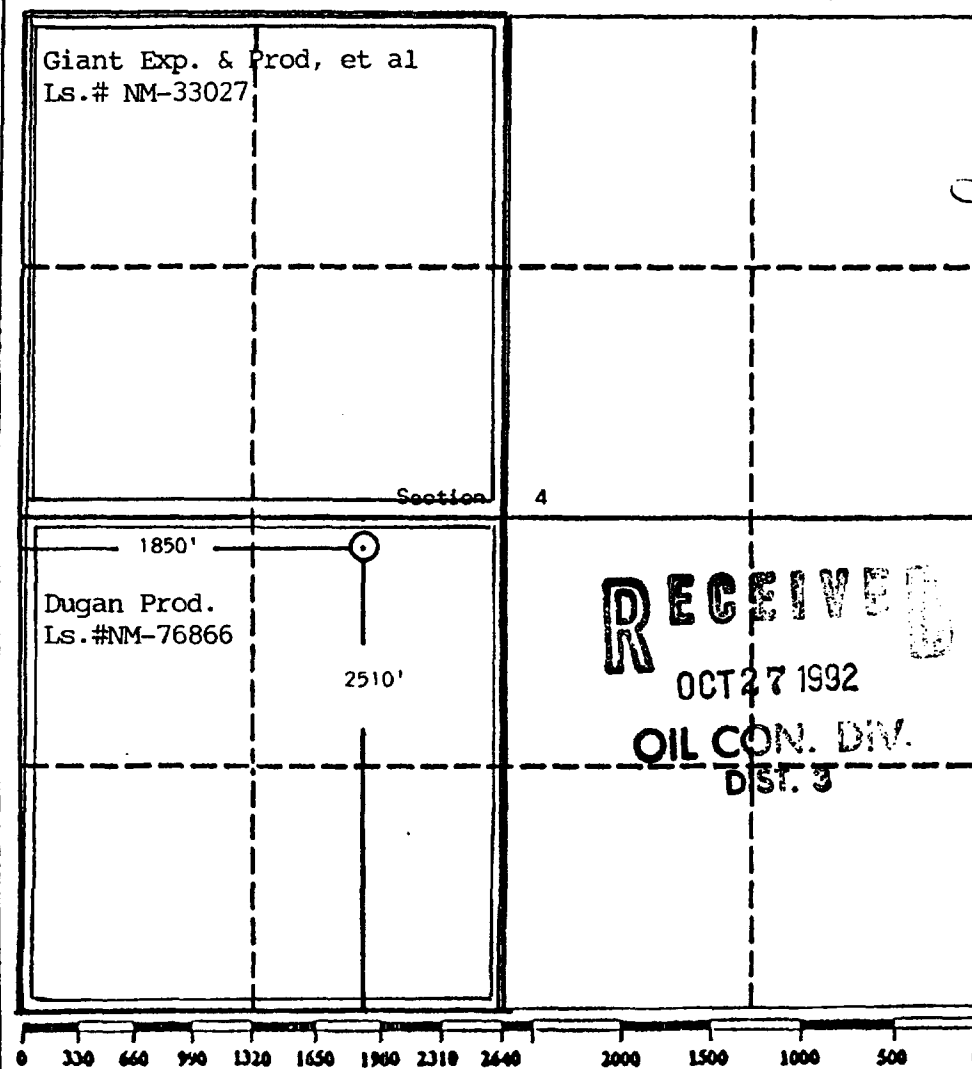
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

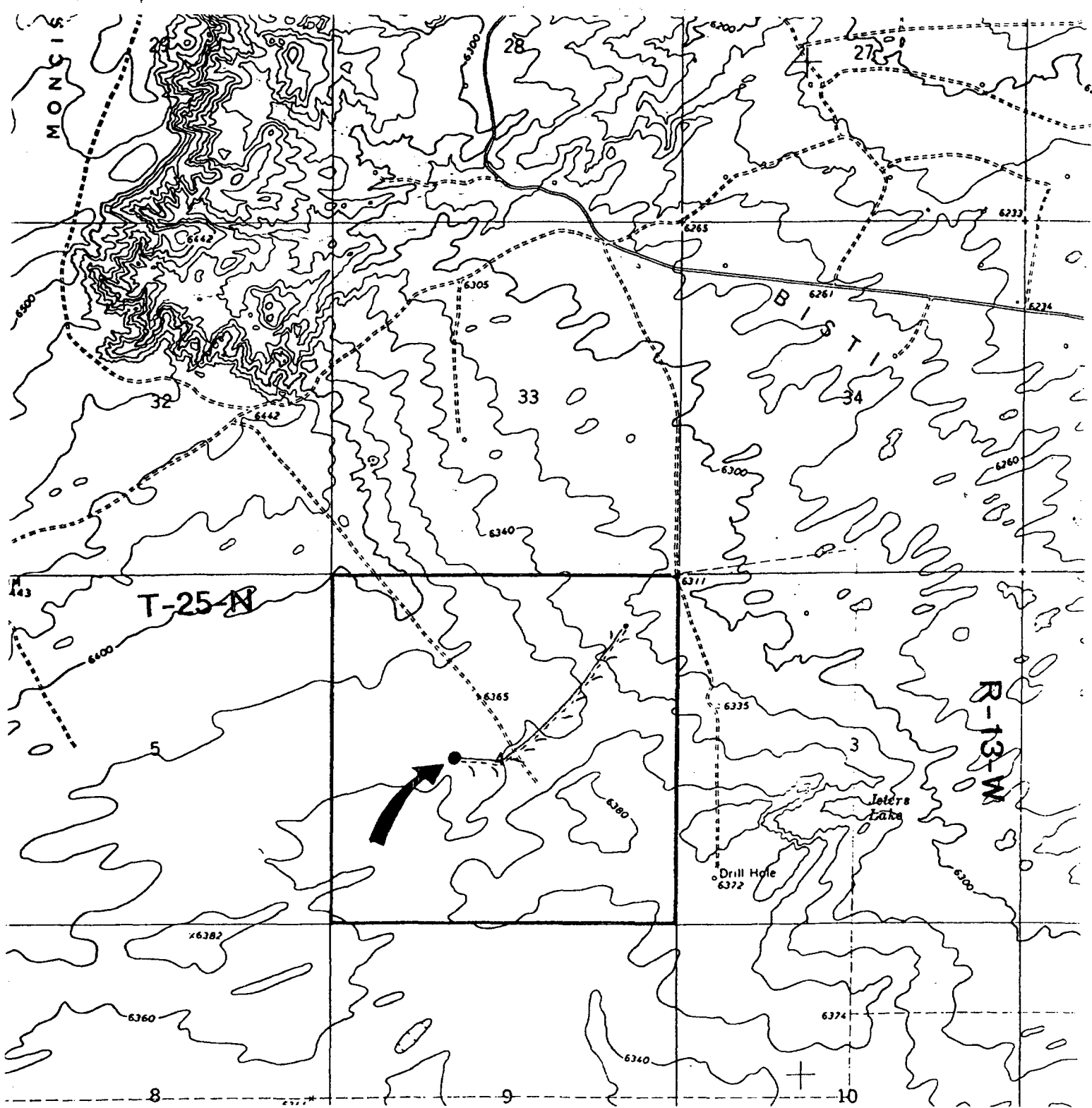
Date Surveyed

May 8, 1992

Signature & Seal of
Professional Surveyor

EDGAR L. RISENHOVER
NEW MEXICO
Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover, P.S.





Existing Roads

Exhibit E

Vicinity of nearest town or reference pt.
approx. 5 miles SW of EPNG's Chaco Plant

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map Moncisco Wash,
NM 1966/1978

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 4%

Drainage design as required

Cuts & Fills as required

Surfacing material none

Turnouts

Culverts

Gates

Cattleguards

Fence cuts

Waterbars

pipeline & access
road

Access road(s) (do) do not cross Fed/(ind) land.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-76866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Alamo Com #90

9. API Well No.

30 045 28806

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2510' FSL & 1850' FWL (Unit K)

4-25N-13W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other Spud & surface casing

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)^a

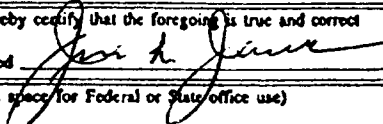
Move in and rig up Wayne Smith Drilling Company. Spudded 9-1/8" hole at 12:00 Noon 11-23-92. Drilled to 130'. Ran 3 jts. 7" OD, 23#, K-55, 8 Rd, ST&C casing (T.E. 126') landed at 128' GL. Cemented with 50 sx class "B" with 2% CaCl₂ (total cement slurry = 59 cu.ft.). P.O.B. at 4:30 P.M. 11-23-92. Circulated 2 bbls cement to surface. W.O.C. 6 hrs. Nippled up BOP and pressure tested surface casing and BOP 600 psi 30 minutes - held OK.

RECEIVED

NOV-24 1992

14. I hereby certify that the foregoing is true and correct

Signed



Title

Vice-President

Date

11/24/92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR APPROVAL

Title 18 U.S.C. Section 1001, makes 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.

^aSee instruction on Reverse Side

NMOC

FARMINGTON RESOURCE AREA

1 Giant Exp. & Prod.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

NM-76866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Alamo Com #90

9. API Well No.

30 045 28806

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2510' FSL & 1850' FWL (Unit K)

4 25N 13W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other T.D. & 4½" casing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

T.D. 1435' reached 11-25-92. Finished drilling a 6½" hole to T.D., conditioned hole, laid down drill pipe. Ran IES & CDL logs by Great Guns Logging. Rigged up and ran 35 jts. 4½" OD, 11.6#, 8 Rd, LT&C, W.C. "70" (T.E. 1450.77') set at 1434' GL. Cemented with 110 sx lodense with ½# celloflake/sk followed by 60 sx class "B" with ½# celloflake/sk (total cement slurry = 296 cu.ft.). Good mud returns while cementing. Circulated 7 bbls cement to surface. P.O.B. at 3:45 P.M. 11-25-92. Released rig at 5:00 P.M. 11-25-92.

RECEIVED

JAN - 4 1993

OIL CON. DIV.

DIST 3

14. I hereby certify that the foregoing is true and correct

Signed

Jim L. Jacobs

Title

Vice-President

Date

12/1/92

(This space for Federal or State office use)

Approved by

Title

ACCEPTED FOR RECORD

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side

NMOC

1 Giant Exp. & Prod.

Form 1160-3
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-76866
2. Name of Operator Dugan Production Corp.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325-1821	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2510' FSL & 1850' FWL (Unit K) Section 4, T25N, R13W	8. Well Name and No. Alamo Com #90
	9. API Well No. 30 045 28806
	10. Field and Pool, or Exploratory Area Basin Fruitland Coal
	11. County or Parish, State San Juan, New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Status	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Testing well. Plan to I.P. in 2 weeks.

RECEIVED
JUN 30 1993OIL CON. DIV.
DIST.RECEIVED
BLM
93 JUN 25 PM 3:56
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed

Title Vice-President

Date 6/25/93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

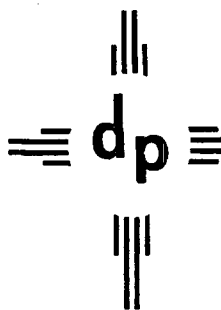
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NM000

FARMINGTON DISTRICT OFFICE

Shm



dugan production corp.

August 17, 1993

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: DUGAN PRODUCTION CORP.
Alamo Com #90
2510' FSL & 1850' FWL
Unit K, Sec. 4, T25N, R13W, NMPM
San Juan County, NM

RECEIVED
AUG 18 1993
OIL CON. DIV
DIST. 3

Gentlemen:

This is to certify that deviation tests were run on the captioned well and the following is a true report of those tests:

$\frac{1}{4}^{\circ}$ @ 125'
 $\frac{1}{2}^{\circ}$ @ 635'
 $\frac{1}{2}^{\circ}$ @ 1150'

Sincerely,

Jim L. Jacobs

cg

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 17th day of August, 1993.

Notary Public

My Commission Expires: August 11, 1996.

District Office
State Lease - 4 copies
For Lease - 3 copies

Energy, Minerals and Natural Resources Department

Form E-100
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Bratos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Dugan Production Corporation			Lease Alamo Com		Well No. 90
Unit Letter K	Section 4	Township 25 North	Range 13 West	County NM/PM San Juan	

Actual Footage Location of Well:

2510 feet from the South line and 1850 feet from the West line			
Ground level Elev. 6362 Est.	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No

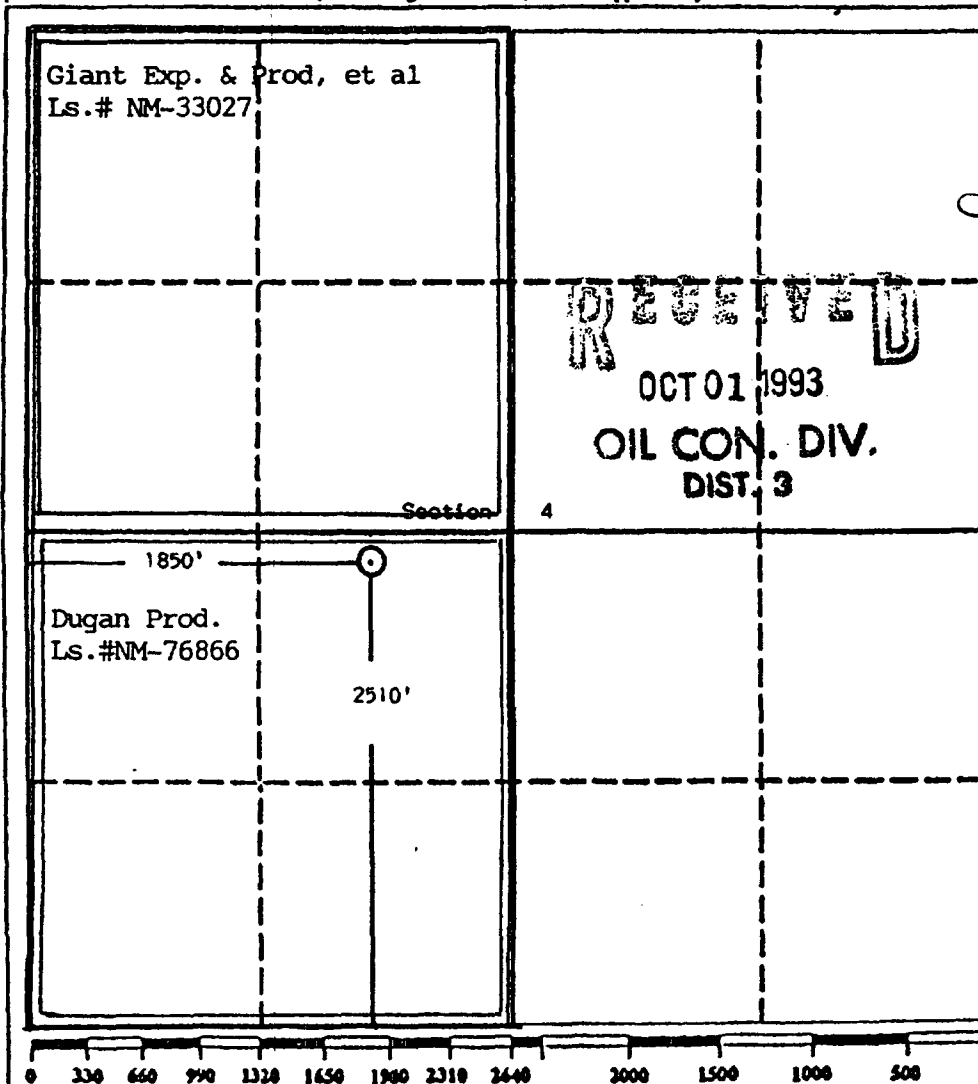
If answer is "yes" type of consolidation Communitization Acmt. NMNM 91217

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

Approved: 9/16/93

Effective: 8/10/93

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Sherman E. Dugan

Position

Vice-President

Company

Dugan Production Corp.

Date

9/30/93

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 knowledge and belief.

Date Surveyed

May 8, 1992

Signature & Seal of Professional Surveyor

EDGAR L. RISENHOVER

Certificate No. 5979

Edgar L. Risenhover, P.S.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED

AUG 26 1993

OIL CON. DIV
DIST. 3

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		2. NAME OF OPERATOR Dugan Production Corp.		3. ADDRESS OF OPERATOR P.O. Box 420, Farmington, NM 87499		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2510' FSL & 1850' FWL (NE/4 SW/4) At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. NM-76866		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. AGREEMENT NAME		8. FARM OR LEASE NAME Alamo Com		9. WELL NO. 90		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit K Sec. 4, T25N, R13W, NMPM		12. COUNTY OR PARISH San Juan		13. STATE NM	
15. DATE STUDDERED 11-23-92		16. DATE T.D. REACHED 11-25-92		17. DATE COMPL. (Ready to prod.) 8-15-93		18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6362' est. GL		19. ELEV. CASINGHEAD 6362'		20. TOTAL DEPTH, MD & TVD 1435'		21. PLUG, BACK T.D., MD & TVD 1416'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY T.D.		24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1349-1385' (Fruitland Coal)		25. WAS DIRECTIONAL SURVEY MADE no		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Guard Log; Compensated Density Log		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)																									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED															
7"		23#		128'		9-1/8"		59 cf (50 sx class "B" w/2% CaCl ₂)		---															
4 1/2"		11.6#		1434'		6-1/4"		296 cf (110 sx lodense w/1/2#)		---															
celloflake/sk & 60 sx class "B" with # celloflake/sk).																									
29. LINER RECORD																									
SIZE		TOP (MD)		BOTTOM (MD)		BACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)											
										1 1/2"		1372'													
30. TUBING RECORD																									
31. PERFORATION RECORD (Interval, size and number) 1349-63' and 1376-85' with 4 JSPF																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																									
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																							
1349-1385'		22,000 gals 70/0 foam 10,000 lbs 40/70 sand 5,000 lbs 12/20 sand 20 gals 15% NE HCL																							
33. PRODUCTION																									
DATE FIRST PRODUCTION 8-16-93		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing - swabbing										WELL STATUS (Producing or shut-in) shut-in													
DATE OF TEST 8-17-93		HOURS TESTED 3		CHOKE SIZE ---		PROD'N. FOR TEST PERIOD ---		OIL—BBL. 0		GAS—MCF. 15		WATER—BBL. 10		GAS-OIL RATIO ---											
FLOW. TUBING PRESS. 0		CASINO PRESSURE SI-210		CALCULATED 24-HOUR RATE ---		OIL—BBL. 0		GAS—MCF. 120		WATER—BBL. 80		OIL GRAVITY-API (CORR.) ---													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented while testing																									
35. LIST OF ATTACHMENTS Note: well gauged w/Pitot tube																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									

SIGNED JIM L. Jacobs

TITLE Vice-President

DATE 8/23/93
FARMINGTON DISTRICT OFFICE

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Ojo Alamo Kirtland Fruitland Pictured Cliffs	325' 577' 1040' 1404'	

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

OIL CONSERVATION DIVISION



COMMINGLING ORDER CTB-407

Dugan Production Corporation
P.O. Box 420
Farmington, New Mexico 87499-0420

RECEIVED
FEB 14 1995

Attention: John D. Roe

OIL CON. DIV.
DIST. 3

The above named company is hereby authorized to commingle Basin Fruitland Coal Pool production from the following leases:

Lease: *K* Alamo Com Well No.90
Description: W/2, Section 4, Township 25 North, Range 13 West, and;

Lease: *L* Cisco Com Well No.90 ✓
Description: W/2, Section 3, Township 25 North, Range 13 West, and;

Lease: *M* Cisco Com Well No.91
Description: W/2, Section 34, Township 26 North, Range 13 West, and;

Lease: *m* Jeter Well No.3
Description: S/2, Section 35, Township 26 North, Range 13 West, and;

Lease: *G* Salge Federal "A" Com Well No.90 ✓
Description: E/2, Section 3, Township 25 North, Range 13 West, and;

Lease: *A* Salge Federal "A" Com Well No.91 ✓
Description: E/2, Section 4, Township 25 North, Range 13 West;

all in San Juan County, New Mexico.

Production shall be allocated to each lease by multiplying the sales volume at the CDP by and allocation factor for each well. The allocation factors shall be determined by dividing the individual well production (as recorded by an allocation meter) by the sum of the gas production from all wells, as determined from such allocation meters.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

VILLAGRA BUILDING - 408 Galisteo

Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830

Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

2040 South Pacheco

Office of the Secretary
827-5950

Administrative Services
827-5925

Energy Conservation & Management
827-5900

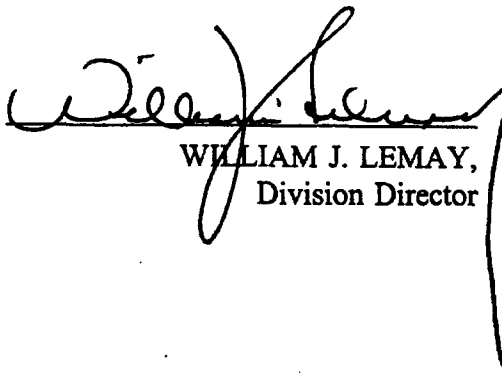
Mining and Minerals
827-5970

Oil Conservation
827-7131

Division Order CTB-407
Dugan Production Corporation
February 9, 1995
Page 2

FURTHER: The operator shall notify the Aztec district office upon implementation of the commingling process.

DONE at Santa Fe, New Mexico, on this 9th day of February, 1995


WILLIAM J. LEMAY,
Division Director

WJL/BES

cc: Oil Conservation Division - Aztec
Bureau of Land Management - Farmington

AD-
9 JL

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131



AMENDED COMMINGLING ORDER CTB-407

Dugan Production Corporation
P.O. Box 420
Farmington, New Mexico 87499-0420

RECEIVED
MAY 22 1995

Attention: John D. Roe

OIL CON. DIV.
DIST. 3

The above named company is hereby authorized to commingle Basin Fruitland Coal Pool production from the following leases:

Lease: Alamo Com Well No.90
Description: W/2, Section 4, Township 25 North, Range 13 West, and;

Lease: Cisco Com Well No..90
Description: W/2, Section 3, Township 25 North, Range 13 West, and;

Lease: Cisco Com Well No.91
Description: W/2, Section 34, Township 26 North, Range 13 West, and;

Lease: Jeter Well No.3
Description: S/2, Section 35, Township 26 North, Range 13 West, and;

Lease: Jeter Well No.4
Description: N/2, Section 1, Township 25 North, Range 13 West, and;

Lease: Salge Federal "A" Com Well No.90
Description: E/2, Section 3, Township 25 North, Range 13 West, and;

Lease: Salge Federal "A" Com Well No.91
Description: E/2, Section 4, Township 25 North, Range 13 West;

all in San Juan County, New Mexico.

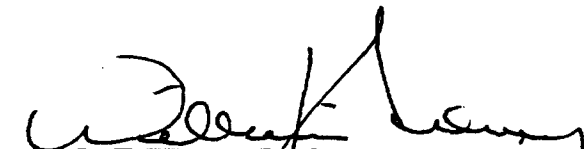
Production shall be allocated to each lease by multiplying the sales volume at the CDP by and allocation factor for each well. The allocation factors shall be determined by dividing the individual well production (as recorded by an allocation meter) by the sum of the gas production from all wells, as determined from such allocation meters.

Amended Commingling Order CTB-407
Dugan Production Corporation
May 16, 1995
Page 2

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

FURTHER: The operator shall notify the Aztec district office upon implementation of the commingling process.

DONE at Santa Fe, New Mexico, on this 16th day of May, 1995



WILLIAM J. LEMAY,
Division Director

WJL/BES

cc: Oil Conservation Division - Aztec ✓
Bureau of Land Management - Farmington



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2000 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

AMENDED COMMINGLING ORDER CTB-407

Dugan Production Corporation
P.O. Box 420
Farmington, New Mexico 87499-0420

RECEIVED
DEC - 6 1996

Attention: John D. Roe

OIL CON. DIV.
DIV. 3

The above named company is hereby authorized to commingle Basin Fruitland Coal (71629) Pool production from the following leases:

Lease: Alamo Com Well No.90
Description: $\frac{1}{2}$ W/2, Section 4, Township 25 North, Range 13 West, and;

Lease: Cisco Com Well No..90
Description: $\frac{1}{2}$ W/2, Section 3, Township 25 North, Range 13 West, and;

Lease: Cisco Com Well No.91
Description: $\frac{1}{2}$ W/2, Section 34, Township 26 North, Range 13 West, and;

Lease: Jeter Well No.3
Description: $\frac{1}{2}$ S/2, Section 35, Township 26 North, Range 13 West, and;

Lease: Jeter Well No.4
Description: $\frac{1}{2}$ N/2, Section 1, Township 25 North, Range 13 West, and;

Lease: Jeter Well No.5
Description: $\frac{1}{2}$ N/2, Section 35, Township 26 North, Range 13 West, and;

Lease: Salge Federal "A" Com Well No.90
Description: $\frac{1}{2}$ E/2, Section 3, Township 25 North, Range 13 West, and;

Lease: Salge Federal "A" Com Well No.91
Description: $\frac{1}{2}$ E/2, Section 4, Township 25 North, Range 13 West;

Lease: Bisti State Well No.90
Description: E/2, Section 2, Township 25 North, Range 13 West;

all in San Juan County, New Mexico.

Amended Commingling Order CTB-407

Dugan Production Corporation

December 4, 1996

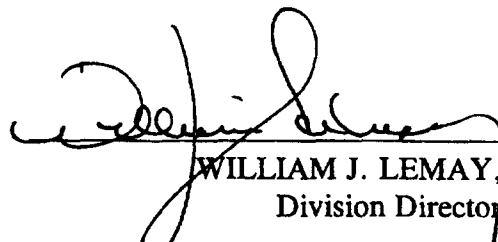
Page 2

Production shall be allocated to each lease by multiplying the sales volume at the CDP by an allocation factor for each well. The allocation factors shall be determined by dividing the individual separately metered well production by the sum of the gas production from all wells, as determined from individual well meters.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

FURTHER: The operator shall notify the Aztec district office upon implementation of the commingling process.

DONE at Santa Fe, New Mexico, on this 4th day of December, 1996


WILLIAM J. LEMAY,
Division Director

WJL/BES

cc: Oil Conservation Division - Aztec /
Bureau of Land Management - Farmington

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420 Farmington, NM 87499 (505) 325-1821

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2510' FSL & 1850' FWL
K Sec. 4, T25N, R13W

5. Lease Designation and Serial No.

NM 76866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Alamo Com 90

9. API Well No.

30-045-28806

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other Returned to Production
-
- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well Placed on Production

Time 8 am

Date 9/1/97

Type of Production

Crude Oil

Crude Oil & Casinghead Gas

Natural Gas X

Natural Gas & Entrained Liquid Hydrocarbons

Communitization Agreement Number

RECEIVED
NOV 24 1997
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Loanna Harbards

Title Production Report Supervisor

Date 11/17/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED

Title 18 U.S.C. Section 1001, makes 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.

*See instruction on Reverse Side

NMOC

RV

FARMINGTON DISTRICT OFFICE

Jm



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

AMENDED COMMINGLING ORDER CTB-407

Dugan Production Corporation
P.O. Box 420
Farmington, New Mexico 87499-0420

RECEIVED
MAY - 6 1998

Attention: John D. Roe

OIL CON. DIV.
DIST. 3

The above named company is hereby authorized to commingle Basin Fruitland Coal (71629) Pool production from the following leases:

Lease:	Alamo Com Well No.90	045-28806
Description:	W/2, Section 4, Township 25 North, Range 13 West, and;	
Lease:	Cisco Com Well No..90	045-28662
Description:	W/2, Section 3, Township 25 North, Range 13 West, and;	
Lease:	Cisco Com Well No.91	045-28805
Description:	W/2, Section 34, Township 26 North, Range 13 West, and;	
Lease:	Jeter Well No.3	045-28860
Description:	S/2, Section 35, Township 26 North, Range 13 West, and;	
Lease:	Jeter Well No.4	045-28804
Description:	N/2, Section 1, Township 25 North, Range 13 West, and;	
Lease:	Jeter Well No.5	045-29390
Description:	N/2, Section 35, Township 26 North, Range 13 West, and;	
Lease:	Salge Federal 'A' Com Well No.90	045-28587
Description:	E/2, Section 3, Township 25 North, Range 13 West, and;	
Lease:	Salge Federal 'A' Com Well No.91	045-28663
Description:	E/2, Section 4, Township 25 North, Range 13 West;	
Lease:	Salge Federal 'A' Well No.94	045-29501
Description:	E/2, Section 34, Township 26 North, Range 13 West, and;	
Lease:	Salge Federal 'A' Well No.95	045-29514
Description:	E/2, Section 33, Township 26 North, Range 13 West, and;	
Lease:	Bisti State Well No.1	045-25834
Description:	E/2, Section 2, Township 25 North, Range 13 West, and;	

Lease: Bisti State Well No.90 045-29216
Description: E/2, Section 2, Township 25 North, Range 13 West;

Lease: Patriot Well No.90 045-29511
Description: W/2, Section 27, Township 26 North, Range 13 West, and;

Lease: Patriot Well No.91 045-29510
Description: E/2, Section 27, Township 26 North, Range 13 West, and;

Lease: Patriot Well No.92 045-29512
Description: N/2, Section 28, Township 26 North, Range 13 West;

Lease: Patriot Well No.93 045-29513
Description: S/2, Section 28, Township 26 North, Range 13 West;

all in San Juan County, New Mexico.

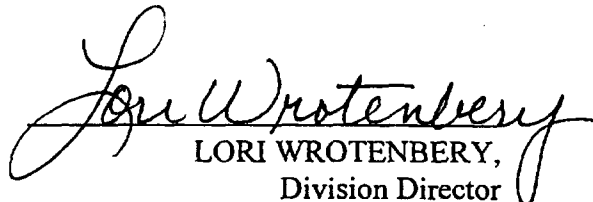
Production shall be allocated to each lease by multiplying the sales volume at the CDP by an allocation factor for each well. The allocation factors shall be determined by dividing the individual separately metered well production by the sum of the gas production from all wells, as determined from individual well meters.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division 'Manual for the Installation and Operation of Commingling Facilities.' It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: The above described system has been designated the Topaz Gas Gathering System.

FURTHER: The operator shall notify the Aztec district office upon implementation of the commingling process.

DONE at Santa Fe, New Mexico, on this 29th day of April, 1998.


LORI WROTENBERY,
Division Director

Amended Commingling Order CTB-407

Dugan Production Corporation

April 29, 1998

Page 3

LW/BES/kv

cc: Oil Conservation Division - Aztec /
Bureau of Land Management - Farmington

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

NM 76866

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Alamo Com #90

9. API Well No.

30 045 28806

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

1. Type of Well

☐

Oil

Well

☒

Gas

Well

☐

Other

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420, Farmington, NM 87499

(505) 325-1821

Location of Well (Footage, Sec., T., R., M., or Survey Description)

2510' FSL & 1850' FWL (Unit K)

NE/4 SW/4, Sec. 4, T25N, R13W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Correct location &
change name

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Due to a survey error, the Alamo Com #90 was drilled in the wrong location. This sundry notice and enclosed C-102 serve to correct the location and change the name to the Salge Federal A Com #91S.

Original Name

Alamo Com #90

Location

Bad survey Sec. 4, T25N, R13W 2510' FSL & 1850' FWL (W/2-320)

New Name

Salge Federal A Com #91S

Location

Good survey Sec. 4, T25N, R13W 1495' FSL & 2270' FEL (E/2-320)

13784

Leade-it NMSF-078156

14. I hereby certify that the foregoing is true and correct

Signed

Kurt Fagrellius
Kurt Fagrellius

Title

Vice-President, Geologist

Date

01/14/2005

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

FEB 02 2005

FARMINGTON FIELD OFFICE
BY [Signature]

Title 18 U.S.C. Section 1001, makes 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.

*See Instruction on Reverse Side

NMOCD

District I
PO Box 198 O. Hobbs, NM 88241-1988

District II
PO Drawer DD, Artesia, NM 88211-0719

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

District IV
PO Box 208 B. 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
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2005 JAN 14 PM 3:50 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code	Property Name SALGE FEDERAL A COM		Well Number 91S
GRID No. 006515	Operator Name DUGAN PRODUCTION CORPORATION		Elevation 6362'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	4	25N	13W		1495	SOUTH	2270	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 319.52 Acres - (E/2)	Joint or Infill	Consolidation Code	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

<p>16</p> <p>5280.00'</p> <p>DUGAN SF-078156</p> <p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>91</p> <p>1310.10'</p> <p>1312.74'</p> <p>1320.00'</p> <p>1320.00'</p> <p>1320.00'</p> <p>1320.00'</p> <p>2640.00'</p> <p>4</p> <p>91-S</p> <p>2270'</p> <p>1495'</p> <p>DUGAN NM-33027</p> <p>5272.08'</p>				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Kurt Fagrellius</i></p> <p>Signature Kurt Fagrellius</p> <p>Printed Name Geologist</p> <p>Title January 13, 2005</p> <p>Date</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Survey Date: DECEMBER 17, 2004</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>JASON C. EDWARDS</i></p> <p>NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 15269</p> <p><i>JASON C. EDWARDS</i></p> <p>Certificate Number 15269</p>	
---	--	--	--	---	--

CMD :
OGSSSECT

ONGARD
INQUIRE LAND BY SECTION

03/16/05 14:46:26
OGOMES -TPZ6
PAGE NO: 1

Sec : 04 Twp : 25N Rng : 13W Section Type : NORMAL

4 39.71 Federal owned	3 39.73 Federal owned	2 39.75 Federal owned	1 39.77 Federal owned
A	C	A	
F 40.00 Federal owned	F 40.00 Federal owned	G 40.00 Federal owned	H 40.00 Federal owned
L 40.00 Federal owned	K 40.00 Federal owned	J 40.00 Federal owned	I 40.00 Federal owned
M 40.00 Federal owned	N 40.00 Federal owned	O 40.00 Federal owned	P 40.00 Federal owned