



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

April 3, 1989

GARREY CARRUTHERS
GOVERNOR

Robert L. Bayless
P.O. Box 168
Farmington, NM 87499

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Attention: Kevin H. McCord
Petroleum Engineer

Administrative Order NSP-1569

Dear Mr. McCord:


Reference is made to your application of January 3, 1989 and February 8, 1989, for a 160-acre non-standard gas proration unit consisting of the following acreage in the Basin-Fruitland Coal (Gas) Pool:

SAN JUAN COUNTY, NEW MEXICO
TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM
Section 34: NW/4

It is my understanding that this unit is to be dedicated to your Ruby Well No. 1, which is presently producing from the WAW Fruitland-Pictured Cliffs Sand Pool and is located at a previously authorized unorthodox coal gas well location, pursuant to Decretory Paragraph No. 4 of Division Order No. R-8768, 790 feet from the North line and 1790 feet from the West line (Unit C) of said Section 34.

By authority granted me under the provisions of Rule 6 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool, as promulgated by said Order No. R-8768, the above non-standard gas proration unit is hereby approved.

Sincerely,


for William J. LeMay
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec
NM Oil and Gas Engineering Committee - Hobbs
U.S. Bureau of Land Management - Farmington

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM61

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
RACHEL 91

2. Name of Operator

DUGAN PRODUCTION CORPORATION

Contact:

KURT FAGRELIUS

E-Mail: kfagrelus@duganproduction.com

9. API Well No.

30-045-29835-00-X1

3a. Address

P. O. BOX 420
FARMINGTON, NM 874990420

3b. Phone No. (include area code)

Ph: 505.325.1821

Fx: 505.327.4613

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

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

Sec 34 T26N R12W NESW 1620FSL 1760FWL

11. County or Parish, and State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | Well Spud |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Spud 8-3/4" hole on 10/29/02.
Set 7" 23lb./ft. casing. Landed at 126 ft.
Cemented with 50 sx. (60 cu. ft.) Class "B" neat with 2% Calcium Chloride.
Circulated 3 bbls. cement to surface.
Pressure tested casing to 600psi - held ok.



14. Thereby certify that the foregoing is true and correct.

Electronic Submission #15391 verified by the BLM Well Information System
For DUGAN PRODUCTION CORPORATION, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 11/05/2002 (03AXG0203SE)

Name (Printed/Typed) HANK BACA

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 11/04/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDADRIENNE GARCIA
Title PETROLEUM ENGINEER

Date 11/05/2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ******NMOCN**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM61

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
RACHEL 912. Name of Operator
DUGAN PRODUCTION CORPORATIONContact: KURT FAGRELIUS
E-Mail: kfagrelus@duganproduction.com9. API Well No.
30-045-29835-00-X13a. Address
P. O. BOX 420
FARMINGTON, NM 8749904203b. Phone No. (include area code)
Ph: 505.325.1821
Fx: 505.327.461310. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

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

Sec 34 T26N R12W NESW 1620FSL 1760FWL

11. County or Parish, and State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

PRODUCTION CASING:

Drilled to TD of 1,310' on 11/02/02.

Ran 4-1/2" 10.5# J-55 casing. Landed @ 1,306'.

Cemented with 60 sx. 3% Lodense with 1/4# celloflake/sx.

Tailed with 60 sx. Class "B" neat with 1/4# celloflake/sx.

(Total 240 cu. ft. slurry)

Circulated 7 bbls. cement.

Job completed 11/02/02.



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

Electronic Submission #15737 verified by the BLM Well Information System
For DUGAN PRODUCTION CORPORATION, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 11/05/2002 (03AXG0204SE)

Name (Printed/Typed) HANK BACA

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 11/04/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

ADRIENNE GARCIA
Title PETROLEUM ENGINEER

Date 11/05/2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. NM 61
2. Name of Operator Dugan Production Corp.		6. If Indian, Allotted 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
Location of Well (Footage, Sec., T., R., M., or Survey Description) 1620' FSL & 1760' FWL (NESW) Unit K, 'Sec. 34, T26N, R12W, NMPPM		8. Well Name and No. Rachel #91
		9. API Well No. 30 045 29835
		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

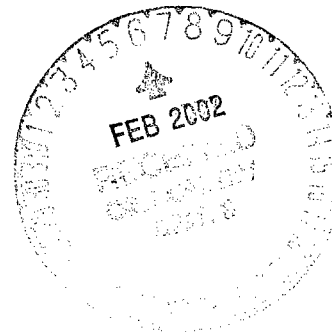
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> 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 <u>Extend APD</u>	<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.)*

Request a 6 month extension on approved APD.

Approved expires 2/20/03



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

Signed Kurt Fagrellius Title Geologist Date 1/18/2002
 (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

JAN 20 2003 NCSO

NMCD

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

Type of Well

☐ Oil
Well☒ Gas
Well☐ Other

Name of Operator

Dugan Production Corp.

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)

1620' FSL & 1760' FWL (NESW)
Unit K, Sec. 34, T26N, R12W, NMPM

5. Lease Designation and Serial No.

NM 61

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rachel #91

9. API Well No.

30 045 29835

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

Extend APD



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.)

3. 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.)*

Request 6 month extension on approved APD. Negotiating with Navajo Tribe for permit.

RECEIVED
2001 AUG 16 PM 5:07
0701620

THIS APPROVAL EXPIRES FEB 20 2002

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

Signed

Kurt Fagrellus
Kurt Fagrellus

Title

Geologist

Date

8/15/2001

This space for Federal or State office use)

Approved by

Matthew Warren

Title

Petrochem Engineer

Date

8/17/01

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

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

Type of Well

☐Oil
Well☒Gas
Well☐

Other

Name of Operator

Mugan Production Corp.

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)

620' FSL & 1760' FWL (NESW)

Unit K, 'Sec. 34, T26N, R12W, NMPM

5. Lease Designation and Serial No.

NM 61

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rachel #91

9. API Well No.

30 045 29835

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

2. 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

Change of plans

☐

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.)

3. 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.)*

Change bit size for 7" surface casing from 9-7/8" to 8-3/4".

RECEIVED

2001 JUL 11 AM 11:4

070 Farmington, NM



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

Signed

Terry Kochis

Title

Engineer

Date

7/9/2001

Terry Kochis

This space for Federal or State office use)

Approved by

Title

Date

7/13/01

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

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
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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

Type of Well

☐Oil
Well☒Gas
Well☐

Other

Name of Operator

Dugan Production Corp.

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)

1620' FSL & 1760' FWL (NESW)

Unit K, 'Sec. 34, T26N, R12W, NMPM

5. Lease Designation and Serial No.

NM 61

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rachel #91

9. API Well No.

30 045 29835

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

Extend APD

☐

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.)*

Request a 6 month extension on approved APD. Negotiating with Navajo Tribe for permit.

THIS APPROVAL EXPIRES AUG 20 2001

2001 FEB 20 PM 1:21

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

Signed


John Alexander

Vice-president

Date

2/20/2001

(This space for Federal or State office use)

/s/ Jim Lovato

MAR - 5 2001

Approved by

Title

Date

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NMOGD

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

☐ Oil
Well☒ Gas
Well☐ Other

Name of Operator

Dugan Production Corp.

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)

620' FSL & 1760' FWL (NESW)
Init K, 'Sec. 34, T26N, R12W, NMPM

5. Lease Designation and Serial No.

NM 61

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rachel #91

9. API Well No.

30 045 29835

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

2. 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 Extend APD
- ☐ 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.)

3. 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.)*

Request a 6 month extension on approved APD. Negotiating with Navajo Tribe for permit.

THIS APPROVAL EXPIRES 8/20/01

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

Signed

Title

Vice-president

Date

8/23/2000

Sherman E. Dugan

This space for Federal or State office use

Jim Lovato

AUG 28 2000

Approved by _____ Title _____ Date _____

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*See Instruction on Reverse Side

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 WELLSDo 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**

Type of Well

☐Oil
Well☒Gas
Well☐

Other

Name of Operator

Dugan Production Corp.

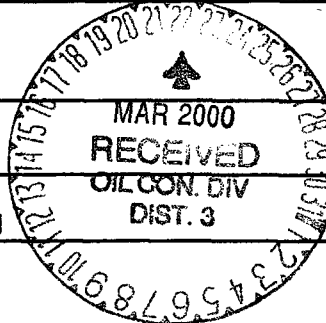
Address and Telephone No.

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

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

620' FSL & 1760' FWL (NESW)

Init K, Sec. 34, T26N, R12W, NMPM



5. Lease Designation and Serial No.

NM 61

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Rachel #91

9. API Well No.

30 045 29835

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

2. 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

Extend APD

☐

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.)

3. 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.)*

Request a 6 month extension on approved APD.

*APD extension on approved and under 2/18/2000*2000 MAR -2 PM 4:04
OIL CON. DIV.
FARMINGTON, NM

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

Signed

Sherman E. Dugan

Title

Vice-president

Date

2/18/2000

This space for Federal or State office use)

Approved by

/s/ Charlie Beecham

Title

Team Lead, Petroleum Management

Date

MAR 20 2000

Conditions of approval, if any:

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*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. NAME OF OPERATOR DUGAN PRODUCTION CORP.					
3. ADDRESS AND TELEPHONE NO. P.O. Box 420, Farmington, NM 87499					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1620' FSL & 1760' FWL (NE/4 SW/4) At proposed prod. zone					
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Approx. 5.5 mi W of Carson Trading Post, NM					
16. 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 TO THIS WELL			
880'		1760			
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. DPC Rachel #1 P&A		19. PROPOSED DEPTH		20. ROTARY OR CABLE TOOLS	
approx. 977' from		1310'		Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6222' GR (est)				22. APPROX. DATE WORK WILL START ASAP	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
9-7/8"	7"	20#	120'	60sx (71 cu. ft.) circ. to surf.	
6-1/4"	4 1/2"	10.5#	1310'	130sx (215 cu. ft.) circ. to surf.	

Plan to drill a 9-7/8" hole and set 120' 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 the 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.

*Non-Standard Proration Unit Application will be submitted to New Mexico Oil & Gas Commission.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.2 and appeal pursuant to 43 CFR 3165.4

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

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, 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. SIGNED Sherman E. Dugan TITLE Vice-President DATE 8/31/95
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE FEB 19 1999

Application approval does not warrant or certify that 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:

APPROVED BY /s/ Duane W. Spencer

Team Lead, Petroleum Management

TITLE _____

DATE _____

*See Instructions On Reverse Side

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 omissions in any matter within its jurisdiction.

U.S.D.

NMOCD

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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

☐ AMENDED REPORT

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30 045 29835		' Pool Code 71629	' Pool Name Basin Fruitland Coal	
' Property Code 003812	' Property Name Rachel		' Well Number 91	
' OGRID No. 006515	' Operator Name Dugan Production Corporation		' Elevation 6222' Estimated	

¹⁰ Surface Location

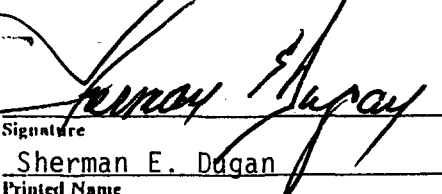
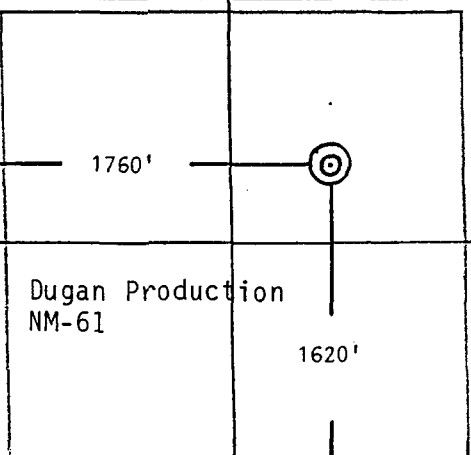
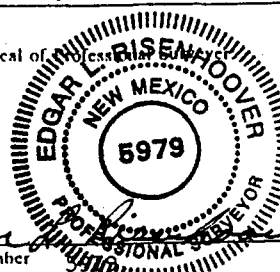
UI, or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	34	26N	12W	K	1620	South	1760	West	San Juan

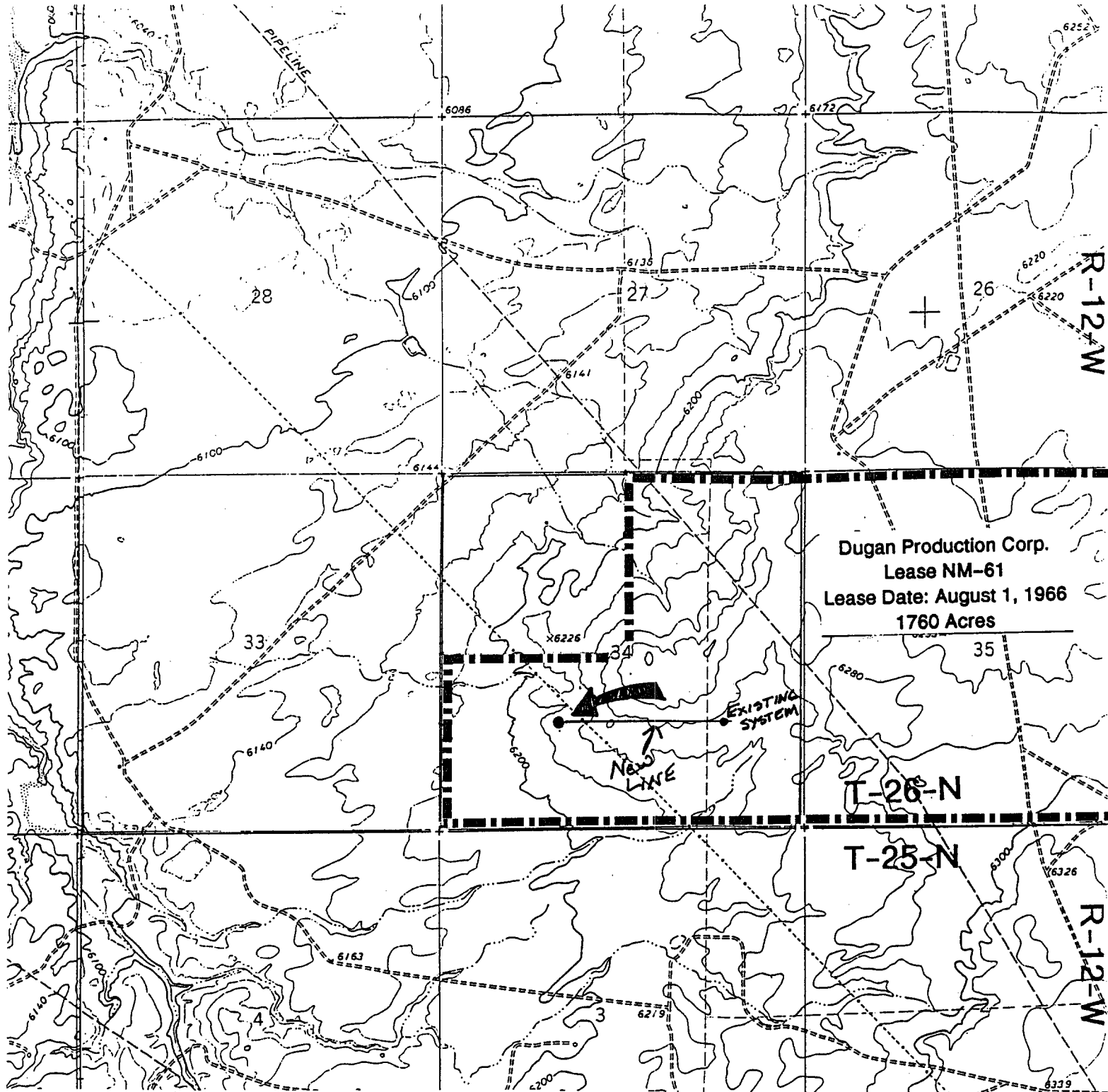
" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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"Dedicated Acres 160	"Joint or Infill	"Consolidation Code	"Order No. Non-Standard Proration Unit Application to be submitted.
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**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**

16				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>
				 Signature Sherman E. Dugan Printed Name Vice-President Title 8/31/91 Date
Dugan Production NM-61	Section 34  1760' 1620'	RECEIVED FEB 22 1999 OIL CON. DIV FEB. 3		18 SURVEYOR CERTIFICATION <i>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.</i> March 8, 1998 Date of Survey Signature and Seal of Edgar L. Risen  Certificate Number



ALL CONSTRUCTION ON-LEASE

Existing Roads

Exhibit E

Planned Access Road(s)

Exhibit E

Proximity of nearest town or reference pt.
prox. 5.5 mi W of Carson Trading Post, NM

Condition of surface dirt

Conditions good

Owner

Reference map: USGS map Carson Trading Post, NM & San Francisco Wash, NM

Dugan Production Corp.

Parcel #01

Width 20' Maximum grades

Drainage design as required

Cuts & Fills as required

Surfacing material none

☒ Turnouts

☐ Culverts

☐ Gates

☐ Cattleguards

☐ Fence cuts

☒ Waterbars

☒ Access Road & Pipeline

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

No new access is required.