

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

3-045-21579

5. LEASE DESIGNATION AND SERIAL NO.
SF-078091

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. TRIP AGREEMENT NAME

8. FARM OR LEASE NAME
Patriot

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Bisti Lower Gallup

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 29, T26N, R13W, NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

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
330' FSL & 330' FWL /
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
approx. 16 miles south of Farmington, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
330'

16. NO. OF ACRES IN LEASE
1920

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
From PSA well approx. 2100'

19. PROPOSED DEPTH
5350'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6510' GL

22. APPROX. DATE WORK WILL START*
ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM
This casing is subject to technical and procedural review pursuant to 49 CFR 3165.3 and 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	GENERAL QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	159 c.f. circ. to surface
7-7/8"	4-1/2"	10.5#	5350'	1714 c.f. circ. to surface

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 24#, J-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test the Gallup formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing with stage tool, selectively perforate, frac, clean out after frac and complete well.

RECEIVED
AUG 4 1991
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. SIGNED Sherman E. Dugan TITLE Vice-President DATE 4-17-91

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED AS AMENDED
AUG 12 1991
AREA MANAGER

OK

*See Instructions On Reverse Side

FBI/DOE

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

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

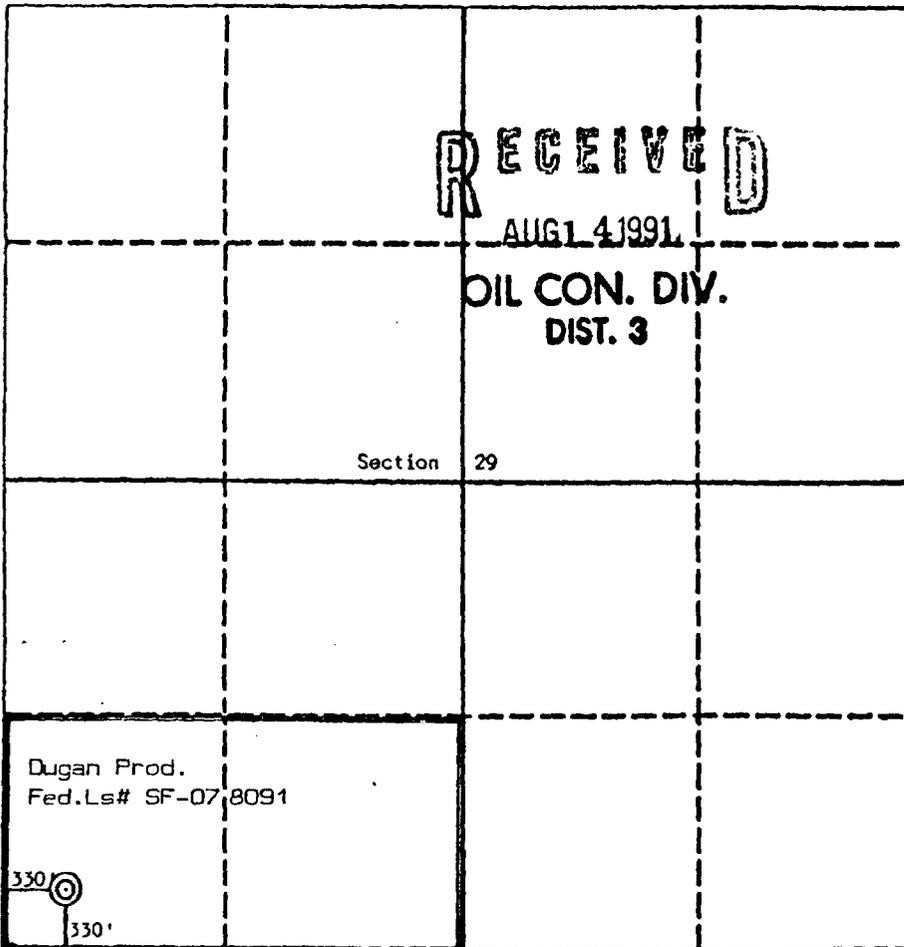
All Distances must be from the outer boundaries of the section.

Operator Dugan Production Corporation			Lease Patriot			Well No. 1
Unit Letter M	Section 29	Township 26 North	Range 13 West	County NMPM San Juan		

Actual Footage Location of Well:
 330 feet from the South line and 330 feet from the West line

Ground level Elev. 6510	Producing Formation Gallup	Pool Bisti Lower Gallup <i>EAT</i>	Dedicated Acreage: 80 Acres
----------------------------	-------------------------------	---------------------------------------	--------------------------------

- Outline the acreage dedicated to the subject well by colored pencil or ballpoint marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____
 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.



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 AUG 4 1991
 OIL CON. DIV.
 DIST. 3

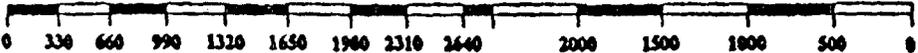
OPERATOR CERTIFICATION
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Sherman E. Dugan*
 Printed Name: Sherman E. Dugan
 Position: Vice-President
 Company: Dugan Production Corp.
 Date: 4-17-91

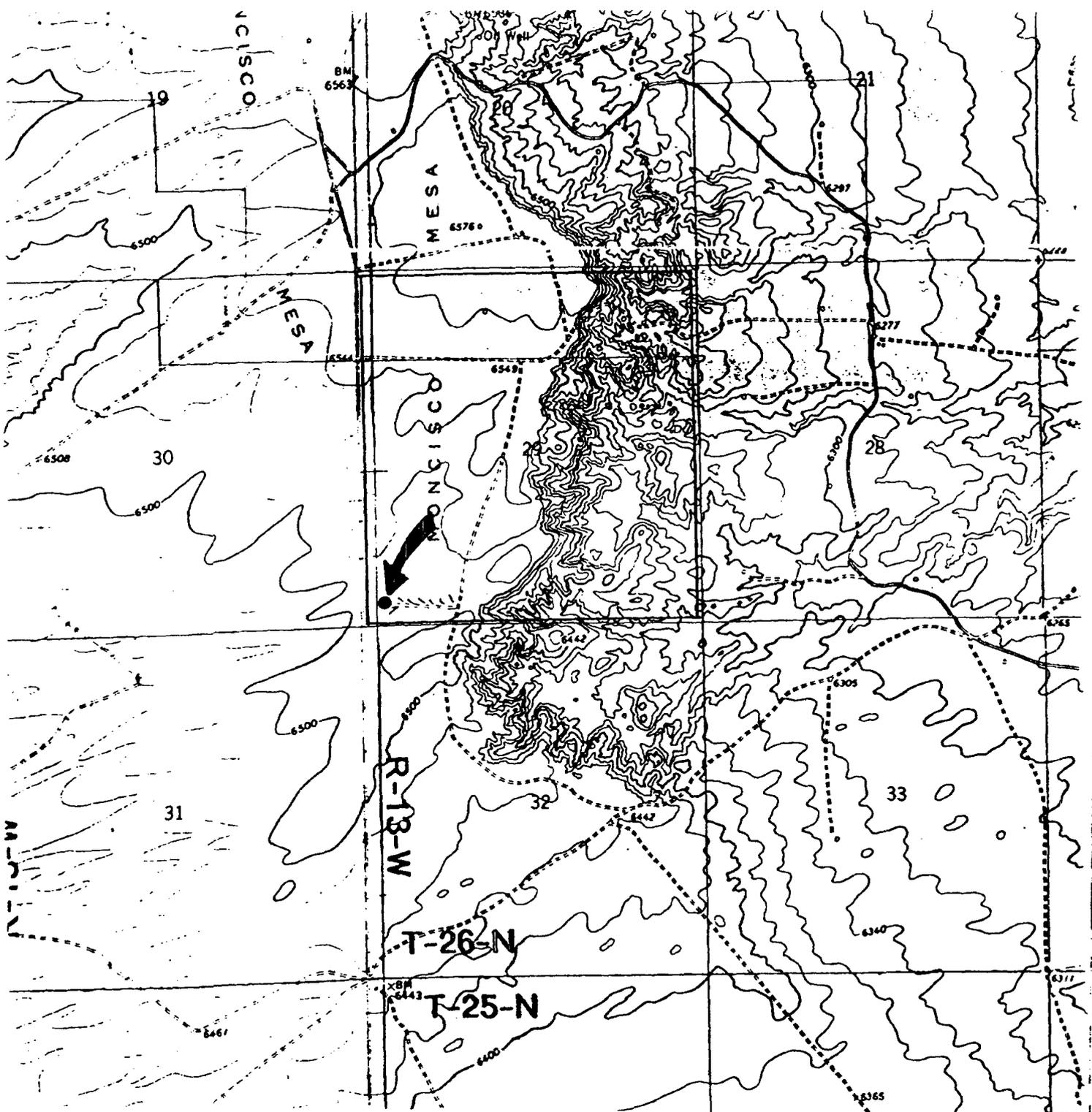
SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: February 14, 1991
 Signature & Seal of Professional Surveyor:

 Edgar L. Risenhauer



Dugan Prod.
 Fed. Ls# SF-07-8091



Existing Roads Exhibit E

Vicinity of nearest town or reference pt.
approx. 16 miles south of Farmington, NM

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map Moncisco Wash
1966 & The Pillar 1966

Planned Access Road(s) Exhibit E

Width 20' Maximum grades 2%

Drainage design as required

Cuts & Fills see diagram

Surfacing material none

Turnouts
 Culverts
 Gates
 Cattleguards
 Fence cuts

Waterbars

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



dugan production corp.



September 17, 1991

RECEIVED

SEP 18 1991

OIL CON. DIV.
DIST.

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Re: Dugan Production Corp.
Patriot #1
Federal Lease SF-078091
Unit M, Sec. 29, T26N, R13W, NMPM
San Juan County, NM

Dear Mr. Chavez:

Dugan Production Corp. requests that you hold all information pertaining to the subject well confidential for the maximum amount of time permissible under NMOCD State-wide Rule #1105, which we understand is ninety (90) days from the date of completion.

Thank you for your cooperation in this matter.

Sincerely,

Jim L. Jacobs
Vice-President

JLJ/cg

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

5. Lease Designation and Serial No.

SF-078091

6. If Indian, Allottee or Tribe Name

7. If Unit of CA, Agreement Designation

8. Well Name and No.

Patriot 1

9. API Well No.

30-045-28579

10. Field and Pool, or Exploratory Area

Bisti Lower Gallup

11. County or Parish, State

San Juan, NM

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

CONFIDENTIAL

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)

330' FSL & 330' FWL, Sec. 29, T26N, R13W, NMPM

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

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

Moved in & rigged up Four Corners Drilling Co. Rig #6. Spudded a 12-1/4" hole @ 11:30 A.M. 9-23-91. Drilled to 220' RKB. Ran 5 its. 8-5/8" OD, 24#, 8 Rd, ST&C casing (T.E. 201') set @ 213' RKB. Cemented with 150 sx class "B" + 2% CaCl₂ (total cement slurry = 177 cu.ft.). Circulated cement to surface. P.O.B. @ 4:00 P.M. 9-23-91. W.O.C. and nipped up B.O.P. Pressure tested casing 1000 psi for 30 minutes - held OK.

RECEIVED

NOV 18 1991

OIL CON. DIV.

DIST 3

ACCEPTED FOR RECORD

NOV 18 1991

FARMINGTON RESOURCE AREA

W

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

Signed

Jim L. Jacobs
Jim L. Jacobs

Title

Geologist

Date

9-24-91

Approved by

Conditions of approval, if any:

Title

Date

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

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)
330' FSL & 330' FWL, Sec. 29, T26N, R13W, NMPM

5. Lease Designation and Serial No.
SF-078091

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Patriot 1

9. API Well No.
30-045-28579

10. Field and Pool, or Exploratory Area
Bisti Lower Gallup

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

Notice of Incident

Subsequent Report

Final Abandonment Notice

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other T.D. & 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. 5375' reached on 9-29-91. Finished running IES & CDL logs. T.I.M. and conditioned mud. Laid down drill pipe and collars. Rigged up and ran 119 its, 4-1/2" OD, 10.5#, 8 Rd, ST&C wildcat 50 casing (T.E. 5390.70') set at 5380' RKB (*Note difference in casing T.D. and driller's T.D.), float @ 5334'. Cemented 1st stage with 15 bbls mud flush followed by 250 sx 50-50 pos + 2% gel and 1/4# celloflake per sack (total cement slurry 1st stage = 305 cu.ft.). Full mud returns while cementing. Reciprocated casing OK while cementing. Maximum cementing pressure 400 psi. Bumped plug with 1560 psi - float held OK. Dropped opening bomb. Opened stage tool at 4256'. Circulated with rig pump 2-3/4 hrs. Rigged up and pumped 15 bbls mud flush followed by 850 sx 65-35 plus 12% gel and 1/4# celloflake/sk followed by 50 sx 50-50 pos + 2% gel and 1/4# celloflake per sack (total cement slurry 2nd stage = 1940 cu.ft.). Total cement slurry both stages = 2245 cu.ft. Full returns while cementing. Circulated 20 bbls cement to surface. Closed stage tool with 2500 psi - held OK. Maximum cementing pressure 1250 psi. Job complete at 2:00 A.M. 9-30-91. Nippled down BOP, set 4-1/2" casing slips and cut off casing. Released rig at 4:30 A.M. 9-30-91. (Note: turbolizers @ 771' and 681').

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

Signed Jim L. Jacobs
(This space for Federal or State office use)

Title Geologist

Date 10-1-91

Approved by _____
Conditions of approval, if any:

Title _____

ACCEPTED FOR RECORD

OCT 21 1991

FARMINGTON RESOURCE AREA

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.

Form 3160-5
(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
 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)
330' FSL & 330' FWL, Sec. 29, T26N, R13W, NMPM

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

5. Lease Designation and Serial No.
SF-078091

6. If Indian, Alibon or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Patriot 1

9. API Well No.
30-045-28579

10. Field and Pool, or Exploratory Area
Bisti Lower Gallup

11. County or Parish, State
San Juan, NM

~~CONFIDENTIAL~~

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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Well Status</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)

Swab test and possibly fracture. A completion report will be filed immediately after evaluation complete.

MAR 8 0 1993
OIL CON. DIV
DIST. 3

RECEIVED
BLM
FARMINGTON, NM
MAR 9 -9 AM 8:47

14. I hereby certify that the foregoing is true and correct
Signed John A. Spencer Title Operations Manager Date 3/8/93
(This space for Federal or State office use)

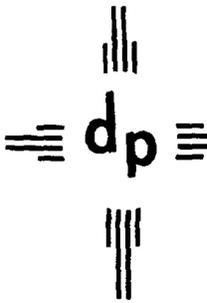
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

ACCEPTED FOR RECORD

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

FARMINGTON DISTRICT OFFICE



dugan production corp.

May 10, 1993

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

RECEIVED
MAY 12 1993
OIL CONSERVATION
DISTRICT

Re: DUGAN PRODUCTION CORP.
Patriot #1
Unit M, Sec. 29, T26N, R13W
San Juan County, NM

Gentlemen:

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

3/4° @ 90'	1° @ 2446'
1/2° @ 183'	1-1/4° @ 2823'
3/4° @ 218'	1-3/4° @ 3322'
1° @ 456'	1-3/4° @ 3570'
3/4° @ 943'	2-1/4° @ 4037'
3/4° @ 1443'	1-1/4° @ 4536'
1/4° @ 1944'	3/4° @ 5031'

Sincerely,

Jim L. Jacobs

cg

State of New Mexico)
County of San Juan) SS

Subscribed and sworn to before me this 10th day of May, 1993.

Cynthia L. Sweetland
Notary Public

My Commission Expires: August 11, 1996.

5 BLM 1 File 1 bw 1 rc lmm lmba Tsg 1lh 1lc lcf
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

3. LEASE DESIGNATION AND SERIAL NO.
SF-078091

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PIPE BACK DIFF. CONVR. Other _____

2. NAME OF OPERATOR
Dugan Production Corp.

3. ADDRESS OF OPERATOR
PO Box 420, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
330' FSL & 330' FWL (SW/4 SW/4)
At top prod. interval reported below
At total depth

CONFIDENTIAL
RECEIVED
JUN 1 1993
OIL CON.
DIST. 2

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Patriot

9. WELL NO.
1

10. FIELD AND POOL OR WILDCAT
Bisti Lower Gallup

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Unit M,
Sec. 29, T26N, R13W

14. PERMIT NO. 30 045 28579 | DATE ISSUED 8/91

12. COUNTY OR PARISH San Juan | 13. STATE NM

15. DATE SPUDDED 9/23/91 | 16. DATE T.D. REACHED 9/29/91 | 17. DATE COMPL. (Ready to prod.) 5-12-93 | 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6510' GL | 19. ELEV. CASINGHEAD 6510'

20. TOTAL DEPTH, MD & TVD 5375' | 21. PLUG, BACK T.D., MD & TVD 5325' | 22. IF MULTIPLE COMPL. HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS TD | CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5209-5228 (Gallup) | 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Guard Log; Compensated Density Log; GR-CCL | 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
8-5/8"	24#	213' RKB	12-1/4"	177 cf (150 sx class "B" + 2% CaCl ₂)	---
4-1/2"	10.5#	5380'*	7-7/8"	2245 cf (1st stage w/250 sx 50/50	---
pos+2% gel & 1/4# celloflake/sk(305 cf)				2nd stage w/850 sx 65-35 +12% gel & 1/4# celloflake/sk	---
& 50 sx 50-50 pos+2% gel & 1/4# celloflake/sk(1940 cf)				(*Note difference in casing TD & driller's TD).	---

29. LINER RECORD | 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5244'	

31. PREPARATION RECORD (Interval, size and number)
5209,10,11,12 (1 JSPF), 5213,14,15 (2 JSPF), 5216,17,18,19,20,21,22 (4 JSPF), 5227,28 (1 JSPF). Total of 40 holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5209-5228'	2000 gals 15% HCL
	200 gals 7 1/2% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbing | WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-12-93	8	---	→	2 1/2	TSTM	25	TSTM
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	60	→	7.5	TSTM	75	40° est.	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) No gas - plan to evaluate to shut off water. | TEST WITNESSED BY

35. LIST OF ATTACHMENTS ACCEPTED FOR RECORD

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 JUN 02 1993
FARMINGTON DISTRICT OFFICE

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 27 1996

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

OCT 19 1996

3. Lease Designation and Serial No.

SF-078091

4. If Indian, Alibates or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Patriot 1

9. API Well No.

30-045-28579

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11. County or Parish, State

San Juan, NM

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Oil Well Gas Well Other

2. Name of Operator

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3. Address and Telephone No.

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

330' FSL & 330' FWL, Sec. 29, T26N, R13W, NMPM

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 Long-term shut-in

- 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.)

14. 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.)*

In response to BLM Letter NMSF-078091 (WC) 3162.3-2 (7400)

It is requested the well be maintained in long-term shut-in status. The well is being considered for conversion to water injection in support of the offset waterflood unit.

THIS APPROVAL EXPIRES OCT 01 1997 RECEIVED OCT - 3 1996

OIL CON. DIV. DIST. 3

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

Signed [Signature]
(This space for Federal or State office use)

Title Operations Manager

Date 9/26/96

Approved by _____
Conditions of approval, if any:

Title _____ Date _____

APPROVED

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

Form 3160-5
(June 1990)

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

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SF-078091

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Patriot 1

9. API Well No.
30-045-28579

10. Field and Pool, or Exploratory Area
Bisti Lower Gallup

11. County or Parish, State
San Juan, NM

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)
330' FSL & 330' FWL, Sec. ^m29, T26N, R13W, NMPM

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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Long term shut-in
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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 long term shut-in be continued. This well is being considered for conversion to water injection service.

THIS APPROVAL EXPIRES **OCT 01 1999**

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

Signed John Alexander Title Vice-President Date 10/7/97

(This space for Federal or State office use)

Approved by Duane W. Spencer Title _____ Date OCT 16 1997

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.

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

5. Lease Designation and Serial No.
SF 078091

6. If Indian, Allotted or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

7. If Unit or CA, Agreement Designation

2. Name of Operator

Dugan Production Corp.

8. Well Name and No.

Patriot #1

3. Address and Telephone No.

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

9. API Well No.

30 045 28579

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

**330' FSL & 330' FWL
Sec. 29, T26N, R13W, NMPM**

10. Field and Pool, or Exploratory Area

Bisti Lower Gallup

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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Continued long term shut-in</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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 long term shut-in be continued. This well is being considered for conversion to water injection service.

YOUR APPROVAL EXPIRES **OCT 01 2000**

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

Signed John Alexander Title Vice-president Date 9/29/99

(This space for Federal or State office use)

Approved by WAYNE TOWNSEND Title A.T.L. Date 10/15/99

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

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)

330' FSL & 330' FWL
Sec. 29, T26N, R13W, NMPM

5. Lease Designation and Serial No.

SF 078091

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Patriot #1

9. API Well No.

30 045 28579

10. Field and Pool, or Exploratory Area

Bisti Lower Gallup

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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Long term shut-in</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)

The operator requests that this well continue long term shut-in. The well bore has value as a water disposal well.

THIS APPROVAL EXPIRES OCT 01 2001

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

Signed John Alexander Title Vice-president Date 9/27/2000

(This space for Federal or State office use)

Approved by _____ Title _____ Date 10/19/00

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

2001 OCT -5 PM 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

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

330' FSL & 330' FWL
Sec. 29, T26N, R13W, NMPM

5. Lease Designation and Serial No.

SF 078091

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Patriot #1

9. API Well No.

30 045 28579

10. Field and Pool, or Exploratory Area

Bisti Lower Gallup

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>Long term shut-in</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.)*

We ask that the continued shut-in status of this well be continued. We are investigating the possibility of a completion in the Menefee Coal or conversion to a salt water disposal well in the Point Lookout Mesaverde interval. The production casing is well cemented and no water zones are endangered. We ask that additional time be allowed to complete our study.

THIS APPROVAL EXPIRES 10/31/2002

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

Signed John Alexander Title Vice-president Date 10/4/2001

(This space for Federal or State office use)

Approved by _____ Title _____ Date 10/23/01

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

5 BLM 1 File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

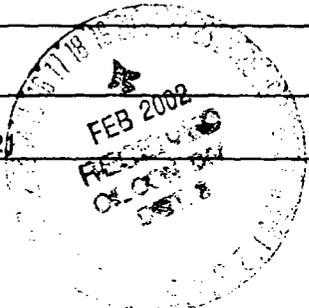
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No SF 078091
2. Name of Operator Dugan Production Corp.	6. If Indian, Allotted or Tribe Name 7. If Unit or CA, Agreement Designation 8. Well Name and No. Patriot #1
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325 - 1821	9. API Well No. 30 045 28579
Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FSL & 330' FWL Sec. 29, T26N, R13W, NMPM	10. Field and Pool, or Exploratory Area Bisti Lower Gallup 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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Plug Gallup & Complete Menefee Coal</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)

Plan to plug Gallup formation by setting a cast iron bridge plug at 5,075' (Gallup top 5,028'). Spot 50' Class B cement on top of plug. Perforate and test Menefee coal (Mesaverde) from approximately 2,568' - 2,586'.

A C-102 showing acreage dedicated to the Menefee is attached.

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

Signed John Alexander Title Vice-president Date 1/29/2002

(This space for Federal or State office use)

Approved by [Signature] Title Perf. Eng. Date 2/13/02

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

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

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

Operator Dugan Production Corporation			Lease Patriot		Well No. 1
Unit Letter M	Section 29	Township 26 North	Range 13 West	County NMPM San Juan	

Actual Footage Location of Well:
330 feet from the South line and 330 feet from the West line

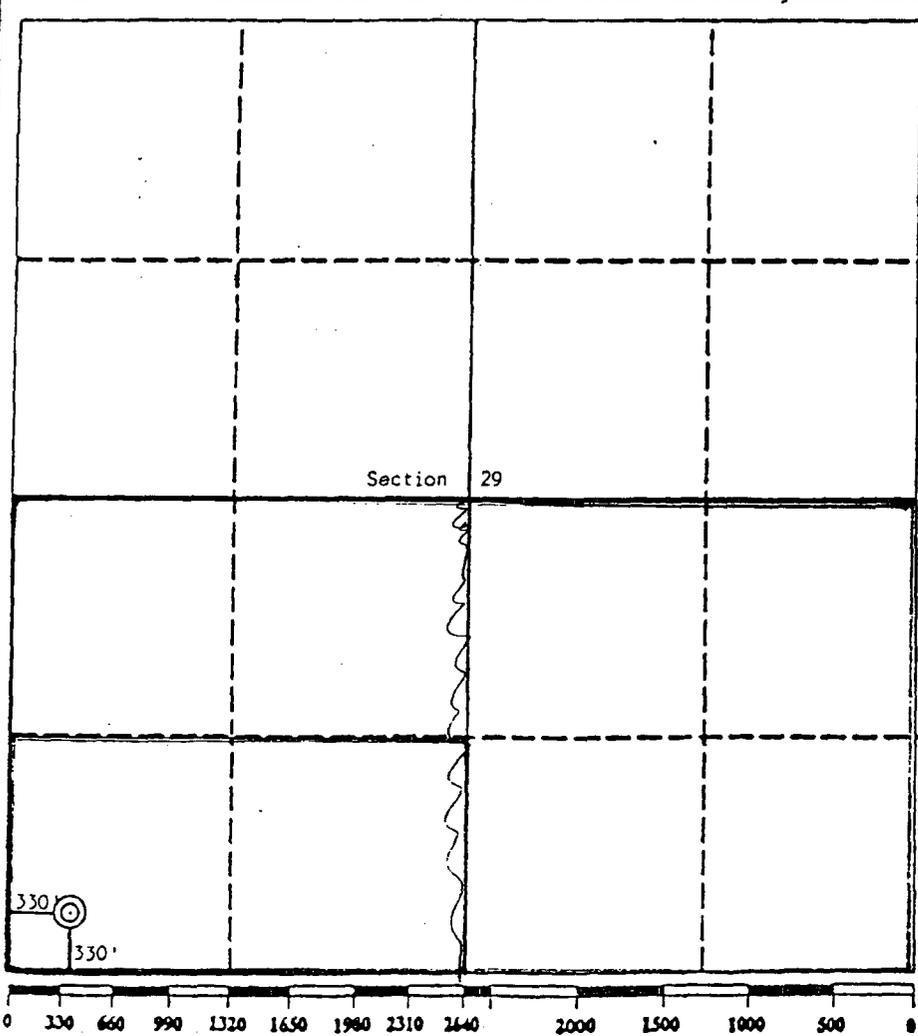
Ground level Elev. 6510	Producing Formation Mesa Verde	Pool 9771917 W.C. 26N13W29; Undesignated Mesa Verde	Dedicated Acreage: 160 300 Acres
----------------------------	-----------------------------------	--	--

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

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: *Sherman E. Dugan*

Printed Name: Sherman E. Dugan

Position: Vice-President

Company: Dugan Production Corp.

Date: 4-17-91

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: February 14, 1991

Signature & Seal of Professional Surveyor: *Edgar L. Risenhoover*

Edgar L. Risenhoover, P.E.S.

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

5. Lease Designation and Serial No.

SF 078091

6. If Indian, Allotted or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

7. If Unit or CA, Agreement Designation

2. Name of Operator

Dugan Production Corp.

8. Well Name and No.

Patriot #1

3. Address and Telephone No.

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

9. API Well No.

30 045 28579

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

330' FSL & 330' FWL
Sec. 29, T26N, R13W, NMPM

10. Field and Pool, or Exploratory Area

Bisti Lower Gallup

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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Plug Gallup & Complete Menefee Coal</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

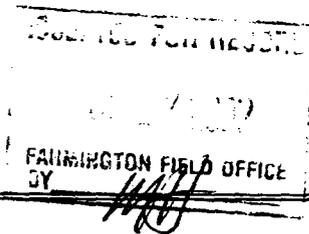
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

Plugged Gallup by setting a cast iron bridge plug at 5075'. Spotted 5 cu. ft. Class B cement on top of plug. Cement top at 5025'. Pressure test casing to 3,000 psi, held with no leaks.

Perforated Menefee from 2,568'-2,586' with 4 jsfp (72 holes). Treated perforations with 250 gal. 15% HCl acid.

Job completed 6/19/2002.



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

Signed John Alexander Title Vice-president Date 7/12/2002
John Alexander

This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

18 U.S.C. Section 1001, makes it a crime for any person knowing 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
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.
NMSF078091

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 Other

8. Well Name and No.
PATRIOT 1

2. Name of Operator
DUGAN PRODUCTION CORPORATION
Contact: JOHN ALEXANDER
E-Mail: johnalexander@duganproduction.com

9. API Well No.
30-045-28579-00-S1

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
BISTI

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T26N R13W SWSW 0330FSL 0330FWL
36.45279 N Lat, 108.24956 W Lon

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 ShutIn Notice
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.)

Dugan Production Corp. plans to plug this well unless the Navajo Nation wants it as a water well. Discussions are ongoing, and we will submit a sundry as soon as they reach a decision. We have sent them a letter stating we will proceed to plug if they have not responded by March 15, 2002.



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

**Electronic Submission #16545 verified by the BLM Well Information System
For DUGAN PRODUCTION CORPORATION, sent to the Farmington
Committed to AFMSS for processing by Steve Mason on 12/06/2002 (035XM0141SE)**

Name (Printed/Typed) HANK BACA	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 12/03/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 12/06/2002
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 ****

NMOC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
SF 078091

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
PATRIOT 1

9. API Well No.
30-045-28579

10. Field and Pool, or Exploratory
MESAVERDE (MENEFFEE COAL)

11. County or Parish, and State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other: UNKNOWN

2. Name of Operator
DUGAN PRODUCTION CORP. Contact: JOHN ALEXANDER
E-Mail: johncalexander@duganproduction.com

3a. Address
P.O. BOX 420
FARMINGTON, NM 87499-0420

3b. Phone No. (include area code)
Ph: 505.325.1821
Fx: 505.327.4613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T26N R13W SWSW 330FSL 330FWL

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection

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 recompletable 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 recompletable 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.)

Well will be P&A'd as follows:

- Place 150' Class "B" plug inside casing from ^{2370' 2220'} 1897'-2017' to plug Mesaverde (MV top @ ²³²⁰ 1987').
- Place ~~150'~~ Class "B" plug inside casing from 1095'-1626' to plug Fruitland & Pictured Cliffs (PC top @ 1576', FC top @ 1195').
- Place Class "B" plug from 570' to surface covering Ojo Alamo top @ 520', 8-5/8" casing show @ 213' & surface.
- Set dry hole marker.



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

Electronic Submission #19606 verified by the BLM Well Information System For DUGAN PRODUCTION CORP., sent to the Farmington Committed to AFMSS for processing by Steve Mason on 03/17/2003 ()

Name (Printed/Typed) JOHN ALEXANDER Title VICE PRESIDENT

Signature (Electronic Submission) Date 03/17/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason

Approved By _____ Title _____ Date 3/24/03

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 _____

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

7/17/03 10:55 AM
070 Farmington, NM

5. Lease Designation and Serial No.
SF 078091

6. If Indian, Allotted or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Patriot #1

9. API Well No.
30 045 28579

10. Field and Pool, or Exploratory Area
Mesaverde (Menefee 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)
330' FSL & 330' FWL
Sec. 29, T26N, R13W, NMPM

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

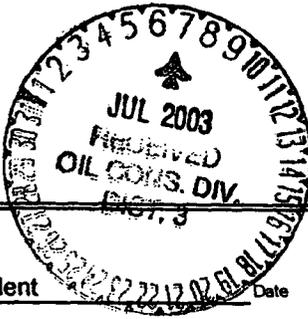
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> 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 Plug Mesaverde - Change plans	<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.)

The Mesaverde was plugged as follows:
Set cast iron bridge plug at 2307'. Pressure test casing at 2000 psi. Held with no leaks. Spot 150' Class "B" cement plug for Mesaverde from 2307' to 2160'. Operation completed 6/26/2003.

Operator has decided to complete Fruitland Coal at approximately 1500' to 1580'. The other plugs approved in the plugging sundry notice of 3/17/2003 were not set during this operation. A sundry notice is being filed to detail completion of the Fruitland Coal. *Cancel intent to plug*



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

Signed John Alexander Title Vice-president Date 6/30/2003

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason Title _____ Date JUL 03 2003

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



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
SF-078091

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

8. Well Name and No.
PATRIOT 1

9. API Well No.
90-045-28579

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. County or Parish, and State

SAN JUAN COUNTY, NM

1. Type of Well

Oil Well Gas Well Other: COAL BED METHANE

2. Name of Operator

DUGAN PRODUCTION CORP.

Contact: KURT FAGRELIUS

E-Mail: kfagrelus@duganproduction.com

3a. Address

709 EAST MURRAY DRIVE
FARMINGTON, NM 87401

3b. Phone No. (include area code)

Ph: 505.325.1821
Fx: 505.327.4613

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

Sec 29 T26N R13W SWSW 330FSL 330FWL
36.45279 N Lat, 108.24956 W Lon

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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.)

The Fruitland Coal will be completed from 1490' - 1576'. The interval will be fracture stimulated. A C-102 is attached showing the well location and dedicated acreage.

RECEIVED
MAR 11 PM 3:56
709 Farmington, NM 4

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

Electronic Submission #28811 verified by the BLM Well Information System
For DUGAN PRODUCTION CORP., will be sent to the Farmington

Name (Printed/Typed) KURT FAGRELIUS

Title GEOLOGIST

Signature

Kurt Fagrelus

Date 03/11/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

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.

MAR 15 2004

NMOCD

FARMINGTON FIELD OFFICE

Submit to appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

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 Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

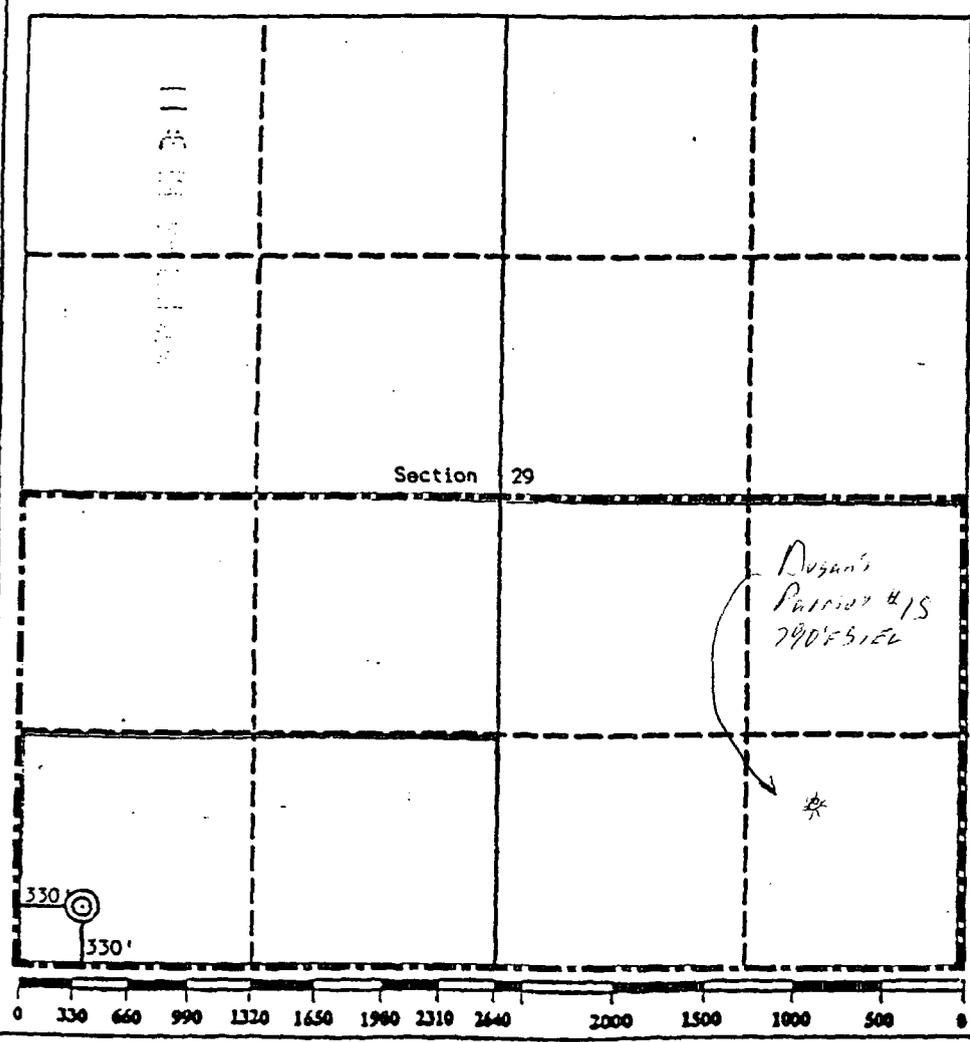
Operator Dugan Production Corporation		Lease Patriot		Well No. 1
Uss Letter M	Section 29	Township 26 North	Range 13 West	County NMPM San Juan
Actual Footage Location of Well: 330 feet from the South line and 330 feet from the West line				
Ground Level Elev. 6510	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: S/2- 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

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: *Sherman E. Dugan*

Printed Name: Sherman E. Dugan

Position: Vice-President

Company: Dugan Production Corp.

Date: 4-17-91

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: February 14, 1991

Signature & Seal of Professional Surveyor: *Edgar L. Risenhoover*

Edgar L. Risenhoover, P.S.

NEW MEXICO
1979
EDGAR L. RISENHOOVER
REGISTERED PROFESSIONAL SURVEYOR
NO. 5879
STATE OF NEW MEXICO

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 re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. NMSF078091
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. PATRIOT 1	
2. Name of Operator DUGAN PRODUCTION CORPORATION	Contact: JOHN ALEXANDER E-Mail: johnalexander@duganproduction.com	9. API Well No. 30-045-28579-00-S1
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 BISTI
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T26N R13W SWSW 0330FSL 0330FWL 36.45279 N Lat, 108.24956 W Lon		11. County or Parish, and State SAN JUAN COUNTY, NM

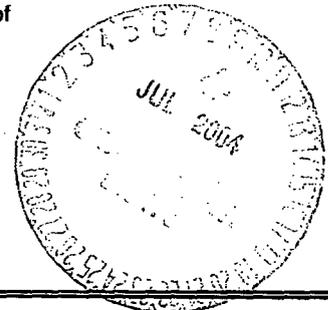
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 ShutIn Notice
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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.)

Pressure tested casing at 500 psi for 30 minutes with no leaks. Request long term shut-in of this well. We plan to complete the Fruitland Coal in this well bore. The timing of this completion depends on acquisition of a right-of-way for a pipeline across NAPI lands. We expect completion of the coal and connection to a gas sales line by 7/1/2005.

TA
CP



14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #32566 verified by the BLM Well Information System For DUGAN PRODUCTION CORPORATION, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 07/07/2004 (04SXM1716SE)	
Name (Printed/Typed) JOHN ALEXANDER	Title VICE PRESIDENT
Signature (Electronic Submission)	Date 06/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>07/07/2004</u>
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 <u>Farmington</u>

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD

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 re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
SF-078091

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
PATRIOT 1

9. API Well No.
30-045-28579

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. County or Parish, and State
SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other: COAL BED METHANE

2. Name of Operator
DUGAN PRODUCTION CORP. Contact: KURT FAGRELIUS
E-Mail: kfagrelus@duganproduction.com

3a. Address
709 EAST MURRAY DRIVE
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505.325.1821
Fx: 505.327.4613

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 29 T26N R13W SWSW 330FSL 330FWL
36.45279 N Lat, 108.24956 W Lon

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 Right of Way
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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.)

Amend APD that was approved 4/7/1991 to include pipeline rights-of-way. The rights-of-way will be 4,590.6 feet in length, and 30 feet in width during construction (20 feet in width after construction). Both a gas and water transportation line will be installed. Each line will be constructed using 2" polypipe that is rated to 160 psi and tested to 150 psi. The maximum operating pressure of the polypipe is 100 psi and the typical operating pressure will be 20 - 40 psi. These lines will be buried in the same trench (6 feet below surface) and will be used to transport produced gas and water to a centralized gas compression and water injection facility. A survey of the proposed pipeline rights-of way is attached.

RECEIVED
 070 Farmington, NM
 2004 MAR 11 PM 3:55

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #28798 verified by the BLM Well Information System For DUGAN PRODUCTION CORP., will be sent to the Farmington

Name (Printed/Typed) KURT FAGRELIUS Title GEOLOGIST

Signature *Kurt Fagrelus* Date 03/11/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____

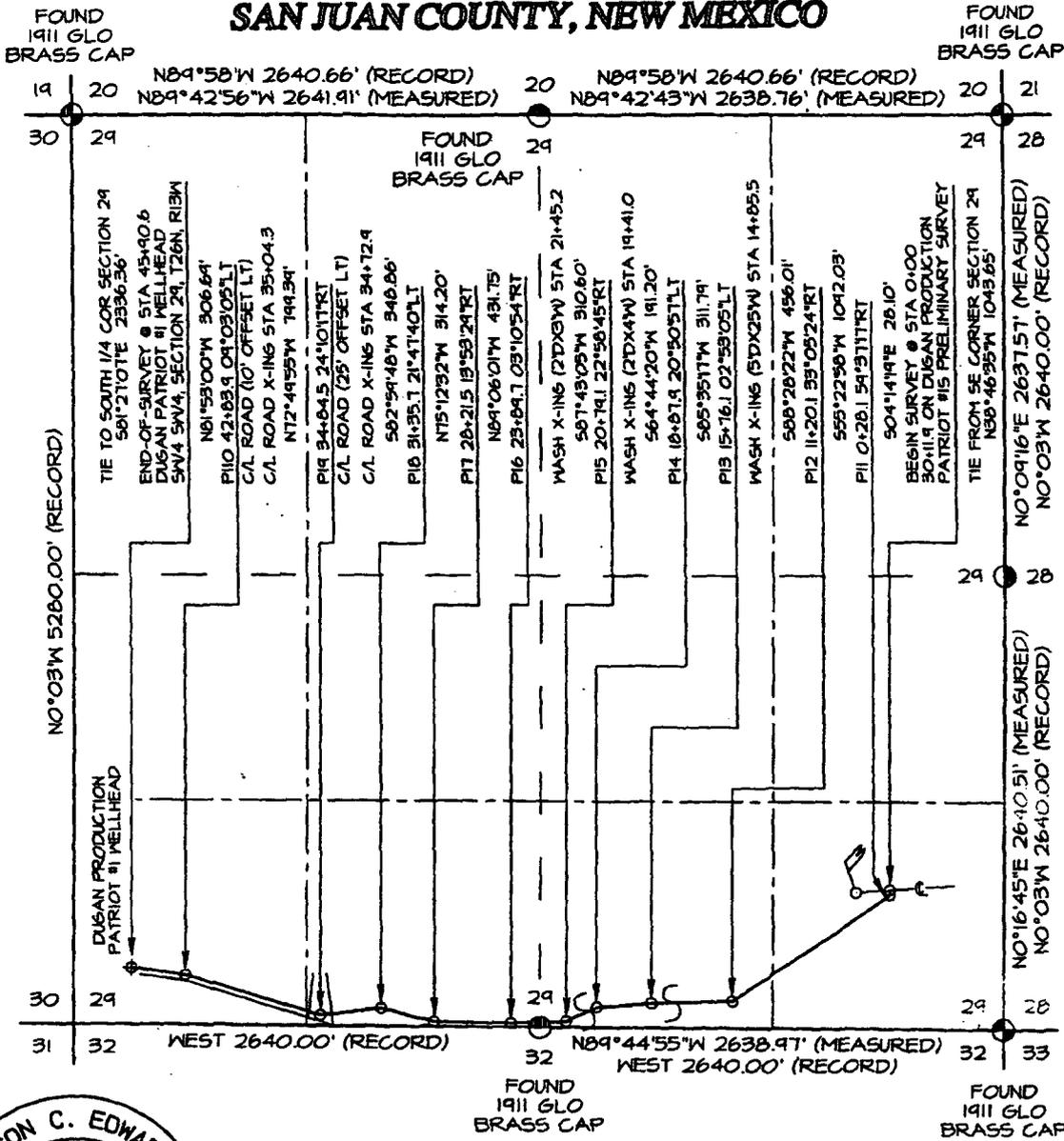
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

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NMOCD

**DUGAN PRODUCTION CORPORATION PATRIOT #1
PROPOSED PIPELINE SURVEY LOCATED IN THE
S/2 S/2 OF SECTION 29, T26N, R13W, NMPM
SAN JUAN COUNTY, NEW MEXICO**



PLAT NOTE:
BEFORE ANY CONSTRUCTION BEGINS, CONTRACTOR IS ADVISED TO CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED PIPELINES OR CABLES IN THE AREA OF THE PROJECT.

BASIS OF BEARING:
REAL-TIME KINEMATIC GPS SURVEY SOLUTION OBTAINED FROM SATELLITES TRACKED ON DECEMBER 18, 2003 FROM A REFERENCE STATION POSITIONED IN NE/4 NE/4 OF S4 T16N R13W



~ SURFACE OWNERSHIP ~ Navajo Tribal Trust Land
0+00 TO 45+90.6
4590.6 FT / 278.2 RODS

Prepared for:
DUGAN PRODUCTION CORPORATION
P.O. BOX #420
FARMINGTON, NM 87499

	<p>Land Surveyor: Jason C. Edwards</p> <p>Mailing Address: Post Office Box 6612 Farmington, NM 87499</p> <p>Business Address: 111 East Pinon Street Farmington, NM 87402 (505) 325-2654 (Office) (505) 326-3650 (Fax)</p>	<p>CHECKED BY: JCE DRAWN BY: SE</p>
	<p>SURVEYS, INC.</p>	

I, Jason C. Edwards, a registered Professional Surveyor under the laws of the State of New Mexico, hereby certify that this plat was prepared from field notes of an actual survey meeting the minimum requirements of the standards for easement surveys and is true and correct to the best of my knowledge and belief.

JASON C. EDWARDS Date: February 20, 2004
Jason C. Edwards, P.L.S.
New Mexico L.S. #15269

SHEET 1 OF 1
FILE NAME: 2615269P

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.

2005 AUG 11 AM 11:21
RECEIVED
070 FARMINGTON, NM

4. Lease Designation and Serial No.
SF 078091

6. If Indian, Allotted or Tribe Name
NM

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Patriot #1

2. Name of Operator
Dugan Production Corp.

9. API Well No.
30 045 28579

3. Address and Telephone No.
P.O. Box 420, Farmington, NM 87499 (505)325-1821

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

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

330' FSL & 330' FWL
Sec. 29, T26N, R13W, NMPM

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

(Note: Report results of multiple completion on Well Completion of 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 continued TA status of this well based on MIT done on 8/29/04 and witnessed by the NMOCD. Plans are to complete the Fruitland Coal in this well bore sometime within the next 12 months.



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

Signed Darin Steed Title Petroleum Engineer Date 08/10/2005
Darin Steed

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason Title _____ Date AUG 11 2005

Conditions of approval, if any:

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*See Instruction on Reverse Side

NMOCD