

NSL

6/17/99

OIL CONSERVATION DIV.

99 MAY 26 PM 12: 58



**GREAT WESTERN DRILLING COMPANY**  
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

May 24, 1999

Mr. Michael L. Stogner  
New Mexico Oil Conservation Division  
Energy, Minerals and Natural Resources Department  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: Application of Great Western Drilling Company  
For Administrative Approval of an  
Unorthodox Well Location – J. E. Decker #7

Dear Mr. Stogner

Enclosed, please find the application of Great Western Drilling Company for administrative approval of an unorthodox location for the J. E. Decker #7 well located 1,480' FSL and 1,580' FEL of Section 12, Township 32 North, Range 12 West, San Juan County, New Mexico.

By separate letter (copy attached) Great Western Drilling Company has sent notification via certified return receipt mail to the affected parties by submitting a copy of this application and a plat required by OCD rules.

Your due consideration to the application is most appreciated. Should you have any questions, please feel free to call me at 915-682-5241.

Sincerely,

Berry D. Simpson  
Petroleum Engineer

Copy: New Mexico Oil Conservation Division  
District III  
1000 Rio Brazos Road  
Aztec, NM 87410

## Discussion

The J. E. Decker #7 was originally drilled to 3,035' and completed in the Pictured Cliffs formation (2,892' – 2,946') in September, 1978. This well was drilled at a standard location for the Pictured Cliffs formation: 1,480' FSL and 1,580' FEL of Section 12, T32N, R12W. Current production from well #7 is about 30 MCFPD.

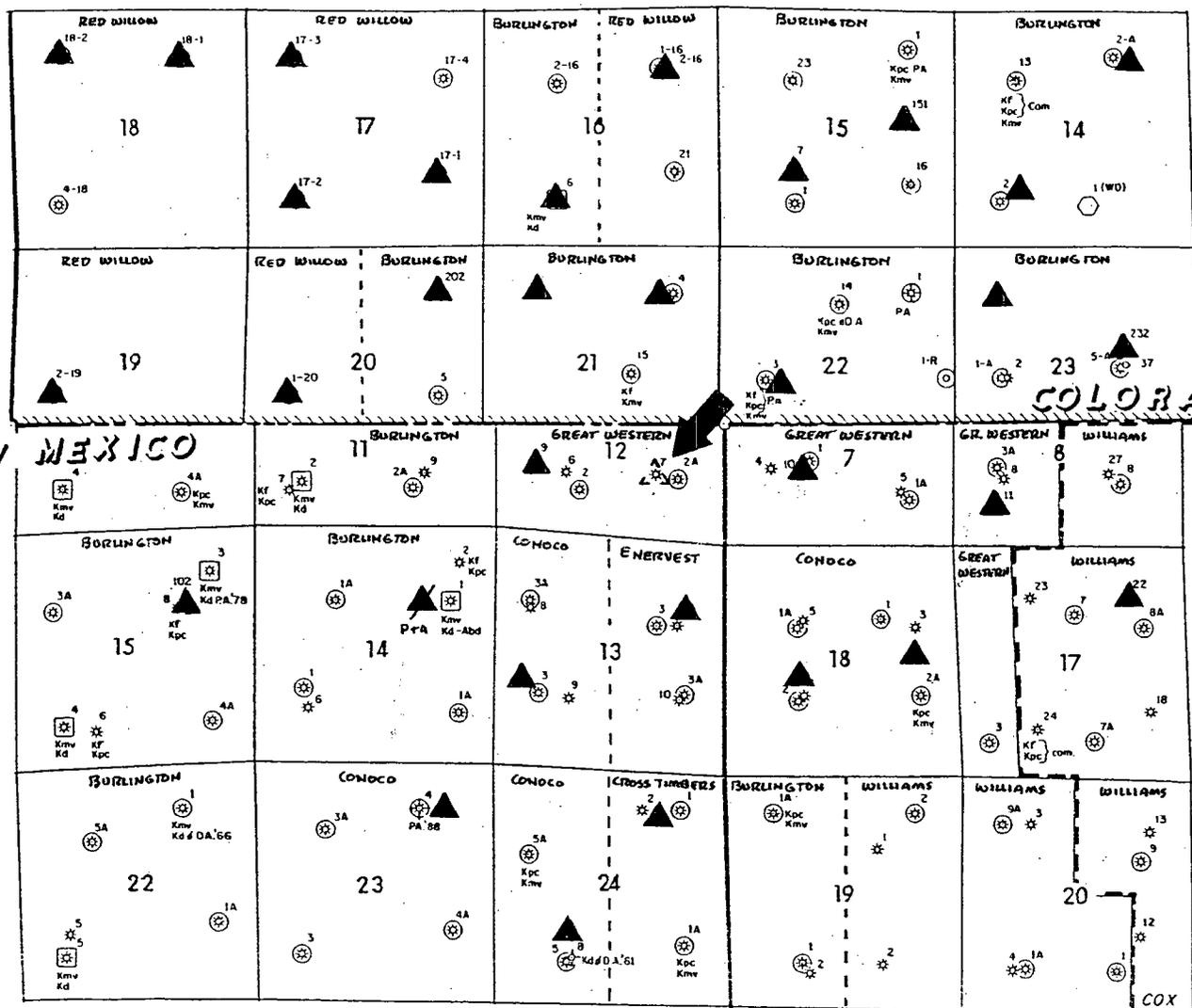
The Fruitland Coal is productive in the area of the Decker Lease, which lies in the transition zone between the over-pressured and under-pressured coals. The existence of over-pressure is the single greatest factor defining the Productive Fairway which has historically yielded the best coal gas wells.

We believe that the J. E. Decker #7 may lie in the over-pressured area, and are asking permission to recomplete this well in the Fruitland Coal as an unorthodox location. This well blew out while drilling through the coal in 1978, a strong indicator that the well is in the over-pressured coal and would make a high-rate Fruitland Coal producer.

Recompleting and producing well #7 will allow us to recover the share of gas reserves currently being produced by the offset Fruitland Coal wells to the north, in Colorado.

Upon the successful recompletion of well #7 in the Fruitland Coal, Great Western will cease producing J. E. Decker #9, and abandon the wellbore, or use it as a pressure monitoring well. Well #9 was drilled to 2,658' and completed in the Fruitland Coal formation (2,470' – 2,658') in November, 1989. This well was drilled at a standard location for the Fruitland Coal, and currently holds the 320 acre unit in Section 12, producing about 170 MCFPD (280 MMCF cumulative).

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NEW MEXICO

COLORADO

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R-12-W

R-11-W

**Great Western Drilling Company**  
**J.E.Decker Lease**  
 and surrounding  
 Fruitland Coal leases & operators

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San Juan County, New Mexico  
 La Plata County, Colorado

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*Application for Administrative Approval  
 of an Unorthodox Well Location*  
 J.E.Decker #7  
 32N - 12W - 12J

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 Existing Fruitland Coal Wells

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May-99

**Affected parties notified by this mailout**

Burlington Resources Oil & Gas Co.  
3300 N. "A" St., Bldg. 6  
Midland, TX 79710-1810

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500

Enervest San Juan Operation LLC  
570 Turner Drive  
Unit B  
Durango, CO 81301



**GREAT WESTERN DRILLING COMPANY**  
Post Office Box 1659 • Midland, Texas 79702 • 915/682-5241

May 4, 1999

Burlington Resources Oil & Gas Co.  
3300 N. "A" St., Bldg. 6  
Midland, TX 79710-1810

Re: **Notification of Application  
for Administrative Approval of an  
Unorthodox Well Location - J. E. Decker #7  
1,480' FSL and 1,580' FEL of Sec 12, T32N, R12W,  
San Juan County, New Mexico**

Gentlemen,

Great Western Drilling Company is applying for administrative approval of an unorthodox location for the J. E. Decker #7, located 1,480' FSL and 1,580' FEL of Sec 12, T32N, R12W, San Juan County, New Mexico.

We are therefore notifying you as a potentially affected party. If you have an objection to this application it must be filed in writing within twenty days from the date notice was sent to: Division Director, New Mexico Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505.

Should you have any questions, please feel free to call me at 915-682-5241.

Sincerely,

Berry D. Simpson  
Petroleum Engineer

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Burlington Resources Oil & Gas  
 3300 N. "A" Street, Bldg. 6  
 Midland, TX 79710-1810

4a. Article Number  
 P 497 350 947

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 5/5/99

5. Received By: (Print Name)  
 Jana Jabe

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  
 X *Jana Jabe*

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Conoco, Inc.  
 10 Desta Drive, Suite 100W  
 Midland, TX 79705-4500

4a. Article Number  
 P 497 350 948

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 5/5

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  
 X *Anita Gonzalez*

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1.  Addressee's Address

2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Enervest San Juan Operation LLC  
 570 Turner Drive, Unit B  
 Durango, CO 81301

4a. Article Number  
 P 497 350 953

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 5/17/99

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  
 X *Anita J. Vanduer*

Thank you for using Return Receipt Service.

**OIL CONSERVATION DIVISION**

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

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

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

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**

I. Operator: GREAT WESTERN DRILLING CO. Well API No. 91-923-30-045-27426

Address: 2550 La Plata Hwy, Farmington, NM 87401

Reason(s) for Filing (Check proper box):  
 New Well  Change in Transporter of:  
 Recompletion  Oil  Dry Gas   
 Change in Operator  Casinghead Gas  Condensate  *add*

If change of operator give name and address of previous operator: \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name J. E. DECKER	Well No. 9	Pool Name, including Formation Basin Fruitland Coal	Kind of Lease State, Federal or Fee	Lease No. SF-078312
Location Unit Letter <u>L</u> : <u>1506</u> Feet From The <u>South</u> Line and <u>938</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>32N</u> Range <u>12W</u> , <u>NMPM</u> , San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Giant Refining Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 256, Farmington, NM 87499			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Great Western Drilling Co.	Address (Give address to which approved copy of this form is to be sent) 2550 La Plata Hwy, Farmington, NM 87401			
If well produces oil or liquids, give location of tanks.	Unit L	Sec. 12	Twp. 32N	Rge. 12W
Is gas actually connected?	yes		When?	10-90

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	<b>RECEIVED</b> OCT 4 1991 OIL CON. DIV. DIST. 3
Length of Test	Tubing Pressure	Casing Pressure	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*Roberta Matthews*  
 Signature  
 Printed Name: Roberta Matthews Clerk  
 Date: 10-1-91 Telephone No.: 595-327-0494

OIL CONSERVATION DIVISION

Date Approved: OCT 04 1991  
 By: [Signature]  
 Title: SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- All sections of this form must be filled out for allowable on new and recompleted wells.
- Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies  
 Appropriate District Office  
 DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240  
 DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210  
 DISTRICT III  
 1000 Rio Brazo Rd., Aztec, NM 87410

State of New Mexico  
 Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

Form C-104  
 Revised 1-1-89  
 See Instructions  
 at Bottom of Page

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator GREAT WESTERN DRILLING CO.	Well API No. 30-045-27426
Address 2550 La Plata Hwy, Farmington, NM 87401	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator	

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name J. E. DECKER	Well No. 9	Pool Name, Including Formation Basin Fruitland Coal	Kind of Lease State, Federal or Fee	Lease No. SF-078312
Location Unit Letter <u>L</u> : <u>1506</u> Feet From The <u>South</u> Line and <u>938</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>32N</u> Range <u>12W</u> , <u>NMPM</u> , <u>San Juan</u> County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Great Western Drilling Co.	2550 La Plata Hwy, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When?
	L   12   32N   12S   No   WO pipeline connection

If this production is commingled with that from any other lease or pool, give commingling order number:

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
		X	X					
Date Spudded 11-5-89	Date Compl. Ready to Prod. 1-5-90	Total Depth 2658		P.B.T.D. 2658				
Elevations (DF, RKB, RT, GR, etc.) 6250 GR	Name of Producing Formation Fruitland Coal	Top Oil/Gas Pay 2470		Tubing Depth 2541				
Perforations 2470-2658			Depth Casing Shoe					

**TUBING, CASING AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	10-3/4	261	325 sx class "B" 2% CaCl
	7	2470	448 sx 12% gel + 119 Reg.
	2-3/8	2541	

**V. TEST DATA AND REQUEST FOR ALLOWABLE**

**OIL WELL.** (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	<b>RECEIVED</b> MAY 01 1991 OIL CON. DIV. DIST. 3
Length of Test	Tubing Pressure	Casing Pressure	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	
		Gas - MCF	

**GAS WELL**

Actual Prod. Test - MCF/D 1450 / 18"	Length of Test 3 hr	Bbls. Condensate/MMCF 0	Gravity of Condensate 0
Testing Method (pilot, back pr.) 3/4" orifice	Tubing Pressure (Shut-in) 1040	Casing Pressure (Shut-in) 1048	Choke Size 2 X 3/4

**VI. OPERATOR CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature D. E. Baxter Supt.  
 Printed Name D. E. Baxter Title  
4-25-91 327-0494  
 Date Telephone No.

**OIL CONSERVATION DIVISION**

Date Approved MAY 01 1991  
 By [Signature]  
 Title SUPERVISOR DISTRICT # 3

**INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter or oil.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078312 UN DIVISION

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. LEASE AGREEMENT NAME

8. FARM OR LEASE NAME

J. E. DECKER

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

Sec. 12, T-32N, R-12W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other  PH 2:59

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. SERV.  Other

2. NAME OF OPERATOR

GREAT WESTERN DRILLING CO.

3. ADDRESS OF OPERATOR

2550 La Plata Hwy, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1506' FSL & 938' FWL

At top prod. interval reported below

At total depth Same

14. PERMIT NO. DATE ISSUED

API# 30-045-27426 | 8-20-90

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

11-5-89 11-20-89 1-5-90 6250 GR 6250 GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

2658 2658 0-2658

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

2470-2658 (Open hole, underreamed 6 1/2" hole to 11") no liner set.

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

Compensated density, EPI neutron Log and Induction Guard

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5	261'	14-3/4"	383 cu. ft. class "B" 2% ca.	N/A
7"	23.0	2470'	8-3/4"	735 cu. ft. 12% gel + 221 cu. ft. reg. cement cir. o.k.	N/A

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	2541	

31. PERFORATION RECORD (Interval, size, and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Open hole 6 1/2" 2470-2658  
Underreamed to 11" hole  
2470-2658

**RECEIVED**  
SEP 13 1990  
OIL CON. DIV.  
DIST. 3

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
No acid	391,000 gals. fresh water
	82,000 lbs. 100 mesh sand

33.\* PRODUCTION

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

2-5-90 Flow W. O. Pipeline

DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

2-5-90 3 hrs. 3/4" 0 180-3 hr 16-3 hr

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

1104 1117 0 1450 127

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)

3 hr. test (vented)

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

See back for tops

FARMINGTON RESOURCE AREA

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

BY

SIGNED: D. E. Baxter TITLE: Area Superintendent DATE: August 20, 1990

SEP 06 1990

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

NIMOOD

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo-Alamo Kirtland Fruitland Fruitland Coal	Surface 1072' 2250' 2476'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO

1a. TYPE OF WORK

DRILL

b. TYPE OF WELL

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Great Western Drilling Company

3. ADDRESS OF OPERATOR

2550 La Plata Hiway Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1506' FSL & 938' FWL Section 12, T32N., R12W.

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

19 miles N. of Farmington, NM 4 1/2 miles on 173 turn North, San Juan NM

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

16. NO. OF ACRES IN LEASE

336

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

2800'

17. NO. OF ACRES ASSIGNED TO THIS WELL

48

20. ROTARY OR CABLE TOOLS

Rotary

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

6250' GL SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START\*

ASAP

23. "GENERAL CEMENTING AND CEMENTING PROGRAM"

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
14 3/4"	10 3/4"	40#	250'	325 sx to surface (308 cu)
8 3/4"	7"	23#	TD 2200'	600 sx (650 cu')

See Attached Drilling Program and Surface Use Plan.

All roads will be maintained in as good or better condition, as found.

"Approval of this action does not warrant that the applicant holds legal or equitable rights or title to this lease."

RECEIVED  
SEP 08 1989  
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.

SIGNED

*M. Dollar*

TITLE

Agent

APPROVED

AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

NMOCD

SEP 05 1989  
*[Signature]*  
AREA MANAGER

\*See Instructions 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

1687

Operator <b>GREAT WESTERN DRILLING COMPANY</b>		Lease <b>J. E. DECKER</b>		Well No. <b>9</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>32 N</b>	Range <b>12 W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1506</b> feet from the <b>South</b> line and <b>938</b> feet from the <b>West</b> line				
Ground level Elev. <b>6250</b>	Producing Formation <b>FRUITLAND COAL</b>	Pool <b>SAME Basin</b>	Dedicated Acreage: <b>336</b> Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> 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**

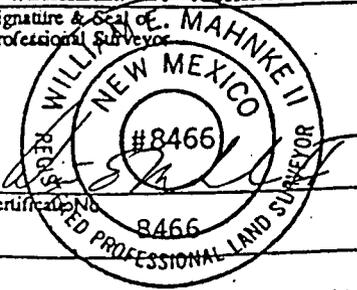
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

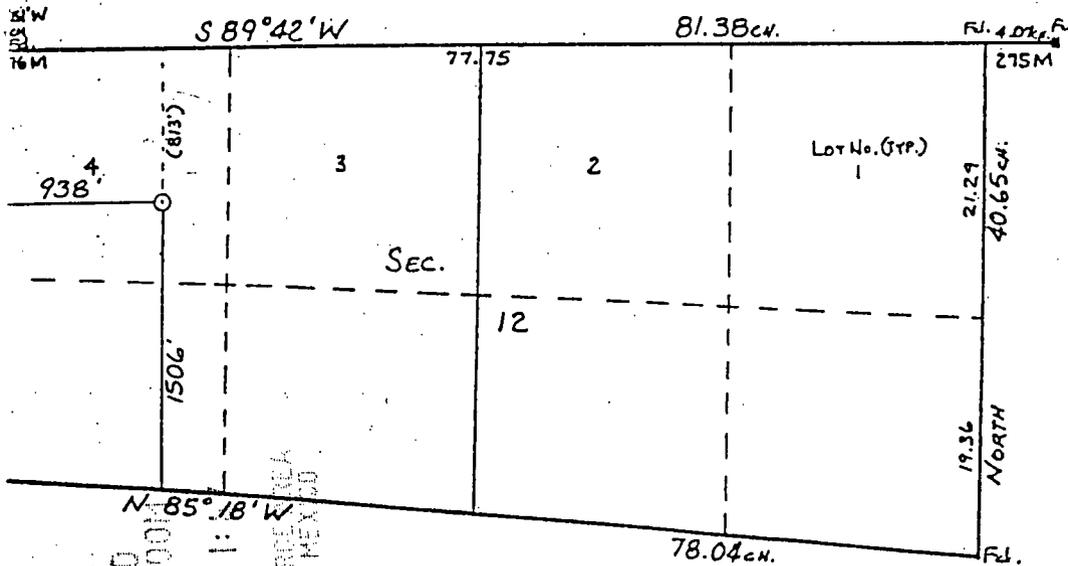
Signature: *D. E. Baxter*  
 Printed Name: **D. E. Baxter**  
 Position: **Superintendent**  
 Company: **Great Western Drlg. Co.**  
 Date: **May 8, 1989**

**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: **5-8-89**  
**William E. Mahnke II**

Signature & Seal of Professional Surveyor  
  
 Certification No. **8466**



RECEIVED  
 MAIL ROOM  
 03 AUG 21 PM 1:11  
 MINING & ENERGY DEPT.  
 FARMINGTON, NEW MEXICO

1" = 1000'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

SF-078312

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

J. E. DECKER

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Fruitland Coal

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 12, T-32N, R-12W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

GREAT WESTERN DRILLING CO.

3. ADDRESS OF OPERATOR

2550 La Plata Hwy, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with BLM requirements.\*  
See also space 17 below.)

At surface

1506' FSL & 938' FWL  
Sec. 12, T-32N, R-12W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6250 GR API# 30-045-27426

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Completion to date

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

17. 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.)\*

11-20-89

Frac 11" open hole 2470-2657 w/391,000 gals fresh water, 82,000# 100 mesh sand, max. 1250 PSI, min. 950 PSI, injection rate 82 BPM, total water to recovery 9,315 bbls, close well in for max. csg. build up.

1-4-90

Csg. PSI 1080#, install choke on top of well head, blow well down, blow well 48 hrs. on 16/64 choke, pressure down to 53 lbs. recovered 18 bbl's of heavy wax condensate and 195 bbls of water, ran 80 jt's 2-7/8" tubing, landed @ 2541', set 7 days to get buildup pressure.

1-5-90

Csg. PSI 1117#, installed 3' X 8' separator, blow well 3 hrs. rec. 1 bbl oil (wax) & 23 bbls water on 3/4" choke, well gauged 734 MCFD, shut well in W.O. pipe line.

RECEIVED

MAR 6 1990

OIL CON. DIV.

DIST. 3

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

SIGNED

*D. E. Baxter*

TITLE Superintendent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

\*See Instructions on Reverse Side

Accepted For Record

DATE 2-23-90

MAR 13 1990

DATE

Chief, Branch of Mineral Resources Farmington Resource Area

(November 1983)  
(Formerly 9-331)

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT DIVISION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078312

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

J. E. Decker

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Fruitland Coal

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA

Sec. 12, T-32N, R-12W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

GREAT WESTERN DRILLING CO.

3. ADDRESS OF OPERATOR

2550 La Plata Hwy, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

1506' FSL & 938' FWL  
Sec. 12, T-32N, R-12W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6250 GR API# 30-045-27426

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF  FULL OR PARTIAL CASING   
FRACTURE TREATMENT  MULTIPLE COMPLETION   
SHOOT OR ACIDIZE  ABANDONMENT\*   
REPAIR WELL  CHANGE PLANS   
(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF  REPAIRING WELL   
FRACTURE TREATMENT  ALTERING CASING   
SHOOTING OR ACIDIZING  ABANDONMENT\*   
(Other) Drilling & Completion to date

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

17. 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 permanently drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

11/5/89 Spud 14-3/4" surface hole, ran 6 jt's 10-3/4" 40.5# csg. set @ 261' cemented w/324.5 cu. ft. class "B" cement + 2% CaCl plug down @ 10:45 P.M. 11-5-89. WOC 12 hrs. Nipple up B.O.P. choke manifold and fillup line, pressure test 10-3/4" csg & B.O.P. 800# for 30 min. o.k.  
11/8/89 T.D. 8-3/4" hole @ 12:00 P.M. lay down drill pipe and collars, ran 63 jt's 23# J-55 8rd ST&C csg. set @ 2470', cemented w/448cu. ft. of 65/35 posmix + 12% gel followed with 118 cu. ft. class "B" neat, plug down @ 6:15 A.M. 11-8-89, circulated approximately 28 cu. ft. of good cement to pit, set slips around 7" csg. cut pipe off and released drilling rig @ 8:00 A.M. 11-8-89.  
11/17/89 Move in completion rig, rig up B.O.P. and blow lines, pressure test 7" csg. & B.O.P. to 2500# 1/2 hr. held o.k. trip in w/bit (6 1/2") tag up @ 2402', blow hole dry, mist drill cement & float collar @ 2430', mist drill cement & float collar @ 2470' (drill Fruitland Coal 2470-2658).  
11/19/89 Resumed drlg, drlg new 6 1/2" hole below 7" csg. @ 8:15 A.M. 2470-76, SH 3' 2476-82' coal 1 1/2"/ft. 8287-sh, 87-92, coal 1 1/2"/ft, 2492-2563', Sh & SS, 2562-82 coal 2582-85, SH, 2586-2602 coal; 2602-29 SH' 2629-33 coal; 2633-35 Sh; 2635-49 coal; 2649-57, TD in shale drld w/air, tested @ 2487, 5 mcfd rate @ 2526, TSTM, increase @ 2557; increase TSTM @ 2589, inc. 3 mcfd @ 2620 inc. TSTM @ 2652' inc. TSTM @ 2657, inc. 2 mcfd, blew hole 1 hr. POOH, RU Hallib & ran open hole logs, log TD 2658', ran Com Density, EPI Neutron, Calipher, INd. Guard, RD loggers left well open.  
11/20/89 Closed rams, tested well f/1/2 hr. gas rate 1 mcfd, ran 11" under reamer to btm of 7" csg. started under reaming 6 1/2" hole, reamed 2470-2575, had some shows while under reaming

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

SIGNED

*D. E. Baxter*

TITLE

Superintendent

DATE

1-4-90

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

NMOCD

Continued on back

FEB 09 1990

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

## PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

**PRINCIPAL PURPOSE:** The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

**ROUTINE USES:** (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

**EFFECT OF NOT PROVIDING INFORMATION:** Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

as when drlg 6 1/2" hole, PU reamer, SDFN.  
11/22/89 RD workover rig, RD B.O.P., air comps, & boosters,  
put tbg bonnet on well head, SWI. Released rig.

Submit to Appropriate District Office  
 State Lease -- 6 copies  
 Fee Lease -- 5 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-101  
 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

API NO. (assigned by OCD on New Wells) <u>30-045-27426</u>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 14-08-001-1687

<b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				7. Lease Name or Unit Agreement Name  J. E. Decker	
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Well No. 9	
2. Name of Operator Great Western Drilling Co.				9. Pool name or Wildcat BASSIN Fruitland Coal (336)	
3. Address of Operator 2550 La Plata Hwy, Farmington, NM 87401					
4. Well Location Unit Letter <u>L</u> : <u>1506</u> Feet From The <u>South</u> Line and <u>938</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>32N</u> Range <u>12W</u> NMPM <u>San Juan</u> County					
10. Proposed Depth 2800 <sup>+</sup>		11. Formation Fruitland		12. Rotary or C.T.	
13. Elevations (Show whether DF, RT, GR, etc.) 6250		14. Kind & Status Plug. Bond Nationwide		15. Drilling Contractor Unknown	
16. Approx. Date Work will start 8-15-89					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	10-3/4"	40#	250 <sup>+</sup>	325	Circulated
8-3/4"	7"	23#	T.D.	600	Circulated
6 1/4"	5 1/2"			<i>cement</i>	

- 1 - Drill & set surface csg. w/cement circulated to surface
- 2 - Set B.O.P., test B.O.P. and surface pipe 1000# before drilling out shoe
- 3 - Drill 8-3/4" hole or larger, set 7" csg. 5 or 10' above first coal seam, bring cement to surface.
- 4 - Move out drilling rig, move in completion rig.
- 5 - Drill 6 1/4" hole through all of Fruitland coal section.
- 6 - Test and run slotted liner.

RECEIVED

AUG 8 1989

RECEIVED

JUL 24 1989

OIL CON. DIV  
 DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSALS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE D. E. Baxter TITLE Superintendent DATE July 21, 1989

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Emil B. B... TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUL 26 1989

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 1-26-90  
 UNLESS DRILLING IS COMMENCED.  
 SPUD NOTICE MUST BE SUBMITTED  
 WITHIN 10 DAYS.

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

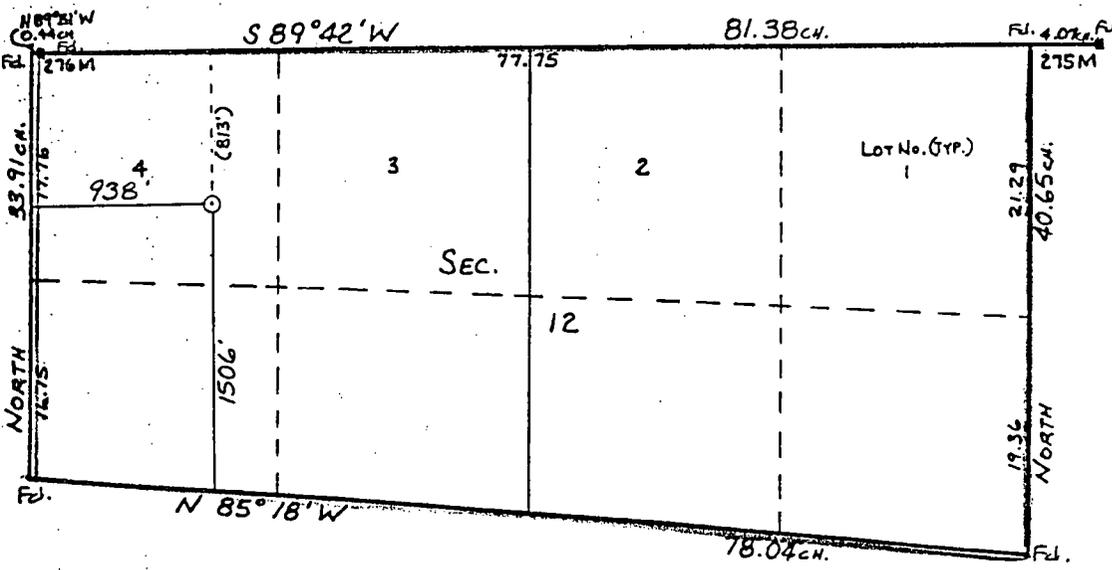
DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

1687

Operator <b>GREAT WESTERN DRILLING COMPANY</b>		Lease <b>J. E. DECKER</b>		Well No. <b>9</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>32 N</b>	Range <b>12 W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1506</b> feet from the <b>South</b> line and <b>938</b> feet from the <b>West</b> line				
Ground level Elev. <b>6250</b>	Producing Formation <b>FRUITLAND COAL</b>	Pool <b>SAME</b>	Dedicated Acreage: <b>336</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  <input type="checkbox"/> Yes <input type="checkbox"/> 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.</p>				



1" = 1000'

<b>OPERATOR CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Signature	<i>D. E. Baxter</i>
Printed Name	D. E. Baxter
Position	Superintendent
Company	Great Western Drlg. Co.
Date	May 8, 1989
<b>SURVEYOR CERTIFICATION</b>	
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	5-8-89
William E. Mahnke II	
Signature & Seal of Professional Surveyor	
Certificate No.	8466

10

EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

RECEIVED  
MAY - 7 1979  
OIL CONSERVATION DIVISION  
SANTA FE

DATE May 2, 1979

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Great Western Drilling Company J. E. Decker #7  
Operator Well Name

90-445-01 26297 J 12-32-12  
Meter Code Site Code Well Unit S-T-R

Undesignated Pictured Cliff El Paso Natural Gas Company  
Pool Name of Purchaser

WAS MADE ON April 23, 1979,  
Date

FIRST DELIVERY April 30, 1979  
Date

AOF 552

CHOKE 547

El Paso Natural Gas Company  
Purchaser

[Signature]  
Representative

Chief Dispatcher  
Title

cc: Operator Midland  
Oil Conservation Commission - 2  
Proration - El Paso

File

[Handwritten mark]

MAY 3 1979  
OIL CON. COM.  
DIST. 3

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS 1
OPERATOR	2
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-1  
Effective 1-1-65

API 30-045-23102

**I. OPERATOR**

Operator  
**Great Western Drilling Co.**

Address  
**125 Petroleum Plaza Farmington, New Mexico 87401**

Reason(s) for filing (Check proper box) Other (Please explain)

New Well  Change in Transporter of:

Recompletion  Oil  Dry Gas

Change in Ownership  Casinghead Gas  Condensate

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>J. E. Decker</b>	Well No. <b>7</b>	Pool Name, including Formation <b>Cliff's Blanco P. C.</b>	Kind of Lease State, Federal or Fee <b>Fee</b>
Location			
Unit Letter <b>J</b>	<b>1480</b> Feet From The <b>South</b> Line and	<b>1580</b> Feet From The <b>East</b>	
Line or Section <b>12</b>	Township <b>32N</b>	Range <b>12W</b>	NMPM, <b>San Juan</b> County

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>El Paso Natural Gas Co.</b>	<b>P. O. Box 990 Farmington, New Mexico 87401</b>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? <b>No</b> When

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spud led <b>9-4-78</b>	Date Compl. Ready to Prod. <b>9-9-78</b>	Total Depth <b>3035</b>	P.B.T.D. <b>2989</b>					
Pool <b>Blanco P. C.</b>	Name of Producing Formation <b>Pictured Cliffs</b>	Top Oil/Gas Pay <b>2892</b>	Tubing Depth <del>None</del> <b>2910</b>					
Perforations		Depth Casing Shoe						

**TUBING, CASING, AND CEMENTING RECORD**

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<b>12 1/4</b>	<b>8-5/8" 24# K-55</b>	<b>104'</b>	<b>90 sx reg + 3% ClCa<sub>2</sub></b>
<b>7-7/8"</b>	<b>4 1/2" 10.5# K-55</b>	<b>3033'</b>	<b>100 sx class B and 525 sx Howco light</b>

**V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL**

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - Bbls.

**GAS WELL**

Actual Prod. Test-MCF/D <b>GAOF 552</b>	Length of Test <b>24 hrs.</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) <b>1 point back press.</b>	Tubing Pressure	Casing Pressure <b>890 SI</b>	Choke Size <b>.50</b>

**VI. CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*D. E. Bayler*  
(Signature)

**Superintendent**  
(Title)

**1-24-79**  
(Date)

OIL CONSERVATION COMMISSION

APPROVED **JAN 30 1979**, 19

BY *Frank S. Clancy*

TITLE **DEPUTY CHIEF OF BUREAU**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple completions.



NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	
U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

Form C-105  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
J. E. Decker

9. Well No.  
7

10. Field and Pool or Wildcat  
Blanco P. G. Ext.

2. Name of Operator  
Great Western Drilling Co.

3. Address of Operator  
125 Petroleum Plaza Farmington, New Mexico 87401

4. Location of Well  
UNIT LETTER J LOCATED 1480 FEET FROM THE South LINE AND 1580 FEET FROM

12. County  
San Juan

THE East LINE OF SEC. 12 TWP. 32N RGE. 12W NMPM

15. Date Spudded 9-4-78 16. Date T.D. Reached 9-9-78 17. Date Compl. (Ready to Prod.) 9-27-78 18. Elevations (DF, RKB, RT, GR, etc.) 6369' G.R. 19. Elev. Casinghead

20. Total Depth 3035 21. Plug Back T.D. 2989 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled By Rotary Tools 3035 Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
2892 to 2946 Pictured Cliffs

25. Was Directional Survey Made  
Yes

26. Type Electric and Other Logs Run  
Induction Electric, Compensated Neutron Densilog Gamma Ray & Caliper

27. Was Well Cored  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# K-55	104'	12 1/2"	90 sx class B + 3% ClCa <sub>2</sub>	Cement circ.
4 1/2"	10.5# K-55	3033'	7-7/8"	1st stage 150 sx Howco light & 100 sx class B	
				2nd st. 425 sx Howco light cement circ.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					1 1/2"	2910	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)  
1 zone 2892 to 2946 .30" 2 shots per ft. 108 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2892 to 2946	500 gal 15% MCA acid
	105,000# 20-20 sand 65,266 gal foam (70 for 15% M and 25 to 30% KOL. water)

33. PRODUCTION

Date First Production \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump)  
Flowing

Date of Test 10-5-78 Hours Tested 24 Choke Size .500 Prod'n. For Test Period \_\_\_\_\_

Oil - Bbl. \_\_\_\_\_ Gas - MCF \_\_\_\_\_ Water - Bbl. \_\_\_\_\_ Oil Ratio \_\_\_\_\_

Flow Tubing Press. \_\_\_\_\_ Casing Pressure 890 SI Calculated 24-Hour Rate \_\_\_\_\_ Oil - Bbl. \_\_\_\_\_ Gas - MCF 552 AOPP Water - Bbl. \_\_\_\_\_ Oil Gravity - API (Corr.) \_\_\_\_\_

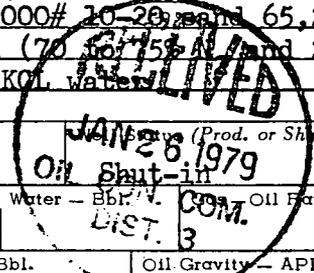
34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Waiting on pipeline connection

Test Witnessed By  
Tefteller Inc.

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED D. E. Bayler TITLE Superintendent DATE 1-24-79





**NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date <b>10-5-78</b>			
Company <b>Great Western Drilling Co.</b>				Connection <b>El Paso Natural Gas Co.</b>			
Pool <b>Blanco</b>				Formation <b>Pictured Cliffs</b>		Unit	
Completion Date <b>9-27-78</b>		Total Depth <b>3035</b>		Plug Back TD <b>2990</b>		Elevation <b>6390' GL</b>	
Farm or Lease Name <b>J. E. Decker</b>				Well No. <b>7</b>			
Csg. Size <b>4.500</b>	Wt. <b>10.5</b>	d <b>4.052</b>	Set At <b>3035</b>	Perforations: From <b>2892</b> To <b>2946</b>		Unit Sec. Twp. Rge. <b>J 12 32N 12W</b>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Single Gas</b>				Packer Set At		County <b>San Juan</b>	
Producing Thru <b>Casing</b>		Reservoir Temp. °F <b>120 @ 2920'</b>		Mean Annual Temp. °F		Baro. Press. - P <sub>a</sub> <b>12.0</b>	
State <b>New Mexico</b>		L		H		G <sub>g</sub> <b>0.65</b>	
% CO <sub>2</sub>		% N <sub>2</sub>		% H <sub>2</sub> S		Prover	
Meter Run		Taps					

FLOW DATA				TUBING DATA				CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI									<b>390</b>		<b>1 day</b>
1.	<b>2.0</b>		<b>0.500</b>			<b>60</b>			<b>91</b>		<b>24 hours</b>
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor - Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	<b>4.279</b>			<b>1.000</b>	<b>1.240</b>	<b>1.000</b>	<b>547</b>
2.							
3.							
4.							
5.							

NO.	P <sub>t</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0108$	(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0092$
1				<b>783636</b>		
2						
3						
4						
5						

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 552$

Absolute Open Flow <b>552</b> Mcfd @ 15.025	Angle of Slope $\theta$ _____	Slope, n <b>.85</b>
---	-------------------------------	---------------------

Remarks: \_\_\_\_\_

Approved By Commission:	Conducted By:	Calculated By: <i>D. E. Ray</i>	Checked By:
-------------------------	---------------	---------------------------------	-------------

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL  GAS WELL  OTHER- \_\_\_\_\_

2. Name of Operator  
Great Western Drilling Co.

3. Address of Operator  
125 Petroleum Plaza Farmington, N.M. 87401

4. Location of Well  
UNIT LETTER J 1480 FEET FROM THE South LINE AND 1580 FEET FROM  
THE East LINE, SECTION 12 TOWNSHIP 32N RANGE 12W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name  
J. E. Decker

9. Well No.  
7

10. Field and Pool, or Wildcat  
Blanco P.C. Ext.

15. Elevation (Show whether DF, RT, GR, etc.)  
6369' G.R.

12. County  
San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

9-5-78 Spud 12 1/4" hole @ 10:15 PM 9-4-78. Ran 3 jt's 8-5/8" 24# ST&C csg. 94' set @ 104' cemented w/90 sacks Class "B" + 3% CaCl<sub>2</sub>. Plug down 5:30 AM 9-5-78 Cement cir.  
9-10-78 Ran 95 jt's 4 1/2" 10.5# J-55 casing 3024' set @ 3033' w/2 stage collar @ 1919', cemented first stage w/150 sacks Howco lite followed w/100 sacks reg. class "B" w/4# flocele added, open 2nd stage and circulate 38 sacks cement to surface, WOC 4 hrs. cemented 2nd stage w/425 sacks Howco lite circulate 35 sacks around. Plug down @ 11:30 AM 9-10-78.  
Released rig @ 4:00 PM 9-10-78.

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

SIGNED D. E. Baxter TITLE Superintendent DATE 9-15-78

APPROVED BY AR Bendisnik TITLE \_\_\_\_\_ DATE SEP 16 1978

CONDITIONS OF APPROVAL, IF ANY:



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124  
Albuquerque, New Mexico 87125

JUL 17 1978

JUL 14 1978

✓ Great Western Drilling Co.  
Attention: Mr. W. T. Cowan  
P. O. Box 1659  
Midland, Texas 79701

*Will file*

Gentlemen:

Enclosed are two approved copies of communitization agreement SRM-1277 involving 44.90 acres of land in Federal lease Santa Fe 378312 and 124.90 acres of Fee land, San Juan County, New Mexico, comprising a 169.80-acre well spacing unit.

The agreement communitizes all rights as to dry gas and associated liquid hydrocarbons producible from the Picturus Cliffs formation in lots 3 and 4, and the ~~SE 1/4~~ sec. 12, T. 22 N., R. 12 W., S.M.P.M., and is effective as of March 29, 1978.

You are requested to furnish all interested principals with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

ACTING Oil and Gas Supervisor, SWPA

Enclosures (2)

cc:

ELM, Santa Fe (w/cy agr.)  
MEMCO, Santa Fe (ltr. only) *send this copy for*  
Com. Pub. Lands, Santa Fe (ltr. only)

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NEW MEXICO OIL CONSERVATION COMMISSION

30-045-23102  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.

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  
Great Western Drilling Co.

3. Address of Operator  
125 Petroleum Plaza Farmington, New Mexico 87401

4. Location of Well  
UNIT LETTER J LOCATED 1480 FEET FROM THE South LINE  
AND 1580 FEET FROM THE East LINE OF SEC. 12 TWP. 32N RGE. 12W NMPM

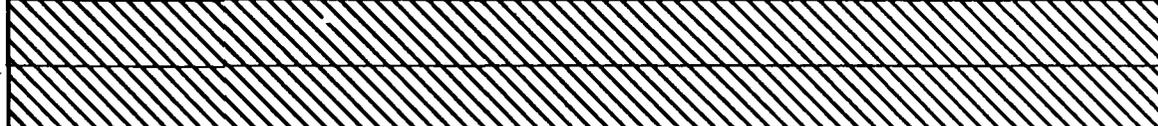
7. Unit Agreement Name

8. Farm or Lease Name  
J.E. Decker

9. Well No.  
7

10. Field and Pool, or Wildcat  
Undesignated Pictured Cliffs

12. County  
San Juan



19. Proposed Depth 3600 19A. Formation Pictured Cliffs 20. Rotary or C.T. Rotary

21. Elevations (Show whether DF, RT, etc.) 6369 21A. Kind & Status Plug. Bond Blanket on file 21B. Drilling Contractor Young Drilling Co. 22. Approx. Date Work will start 7-15-78

PROPOSED CASING AND CEMENT PROGRAM

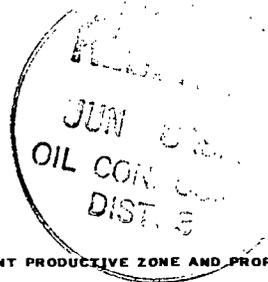
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	7"	20	200' + or -	160	Circulate
6 1/4	2 7/8	8.7	3600	576	Circulate

Drill and set surface pipe.  
Install 6" 900 series double gate B. O. P. test B. O. P. and pipe to 1500 lbs.  
Drill 6 1/4" hole with mud to T. D.  
Run 2 7/8 8rd. J-55 E.U.E. tubing for production string, circulate cement on production string.  
Determine by logs what to perforate and frac in Pictured Cliffs.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

EXPIRES 9-6-78

Dedicated



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed De E. Bayler Title Superintendent Date 6-7-78

(This space for State Use)

APPROVED BY Frank S. Chang TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE JUN 8 1978

CONDITIONS OF APPROVAL, IF ANY:

none

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>Great Western Drilling Company</b>			Lease <b>D.E. Decker</b>		Well No. <b>7</b>
Unit Letter <b>J</b>	Section <b>12</b>	Township <b>32N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1480</b> feet from the <b>South</b> line and <b>1530</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5369</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>Undesignated</b>		Dedicated Acreage: <b>168.00</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

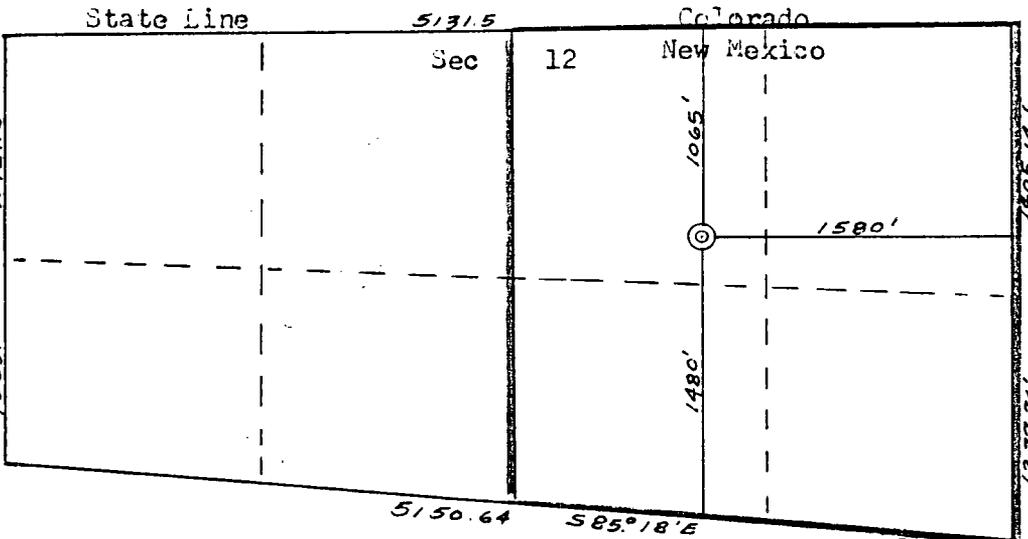
Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

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 interests, has been approved by the Commission.

CERTIFICATION

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



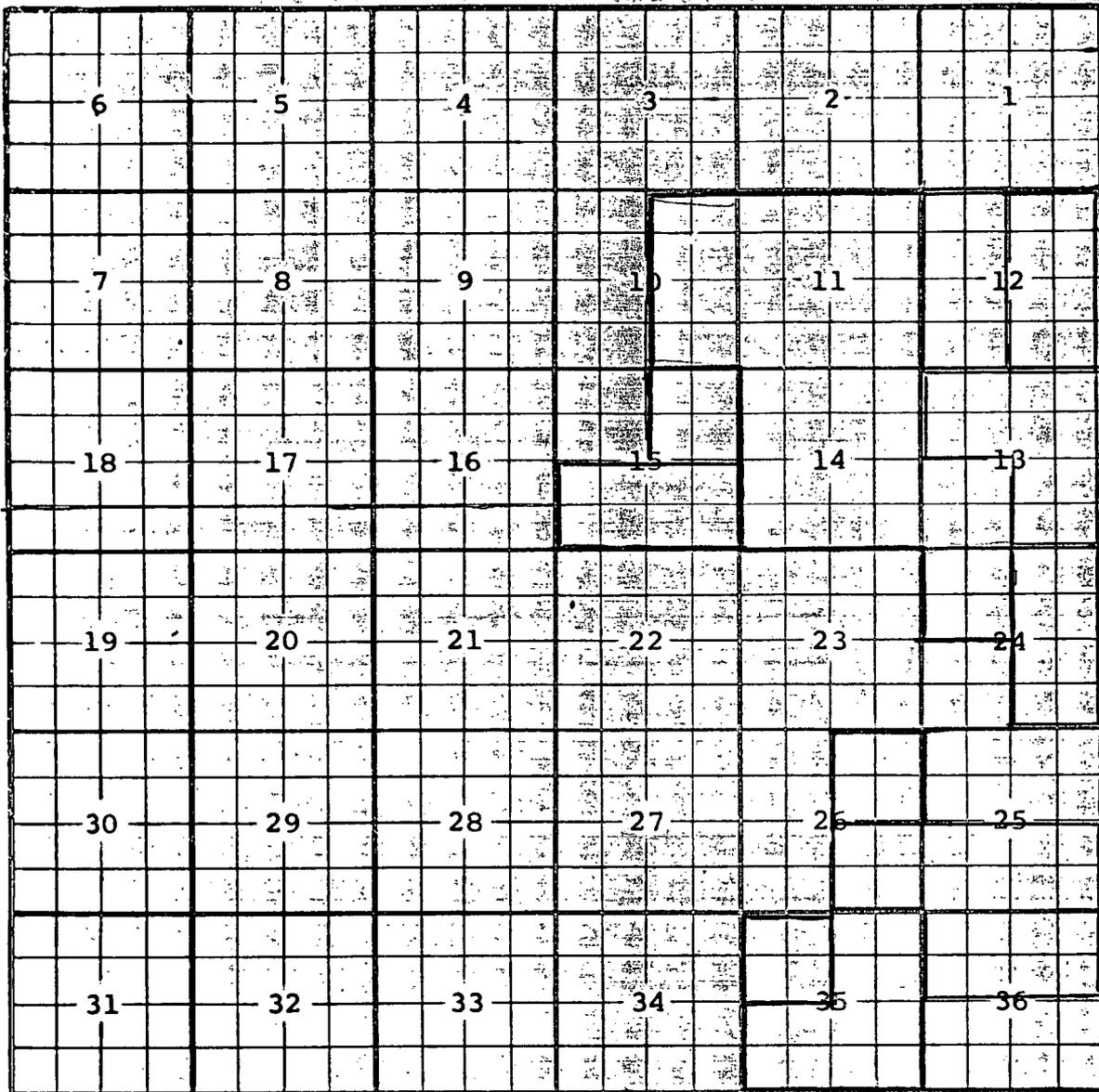
SCALE: 1"=1000'



Name <b>D. E. Baxter</b>
Position <b>Dist. Supervisor</b>
Company <b>Great Western Drilling Co.</b>
Date <b>6-7-78</b>
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 <b>March 10, 1978</b>
Registered Professional Engineer and Land Surveyor <b>Fred E. Kerr Jr.</b>
Certificate No. <b>3950</b>

COUNTY San Juan POOL Blanco-Pictured Cliffs

TOWNSHIP 32 North RANGE 12 West NMPM



Ext:  $N\frac{1}{2}$  &  $SE\frac{1}{4}$  Sec 13 (R-5339, 2-1-77) Ext:  $E\frac{1}{2}$  Sec 24,  $S\frac{1}{2}$  Sec 25, -  
 -  $SE\frac{1}{4}$  Sec 26,  $N\frac{1}{2}$  Sec 36 (R-5843, 12-1-78)

Ext:  $W\frac{1}{2}$  Sec 12 (R-6056, 8-1-79) Ext:  $E\frac{1}{2}$  Sec 12 (R-6180, 11-1-79)

Ext:  $E\frac{1}{2}$  Sec. 10, All Sec. 11,  $SW\frac{1}{4}$  Sec. 13, All Sec. 14,  $NW\frac{1}{4}$  Sec. 24,  $N\frac{1}{2}$  Sec. 25,  
 $NE\frac{1}{4}$  Sec. 26,  $E\frac{1}{2}$  AND  $SW\frac{1}{4}$  Sec. 35 (R-6327, 5-1-80) Ext:  $S\frac{1}{2}$  Sec 36 (R-6421, 8-1-80)

Ext:  $S\frac{1}{2}$  Sec. 15,  $NW\frac{1}{4}$  Sec. 35 (R-7046, 8-6-82) Ext:  $NE\frac{1}{4}$  Sec. 15 (R-7764, 1-8-85)

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

06/04/99 10:56:26  
OGOMES -TPQC  
PAGE NO: 2

Sec : 12 Twp : 32N Rng : 12W Section Type : NORMAL

4 44.00  Federal owned  A	3 44.00  Fee owned  A	2 44.00  Fee owned  A	1 44.00  Federal owned  A
M 40.00  Fee owned	N 40.00  Fee owned  A	O 40.00  Fee owned	P 40.00  Fee owned

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD   PF08 FWD      PF09 PRINT   PF10 SDIV     PF11            PF12

84.00  
84.00  
-----  
168.00  
168  
-----  
336.00

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

06/04/99 10:56:21  
OGOMES -TPQC  
PAGE NO: 1

Sec : 12 Twp : 32N Rng : 12W Section Type : NORMAL

4	3	2	1
44.00	44.00	44.00	44.00
Federal owned	Fee owned	Fee owned	Federal owned
A	A	A	A

PF01 HELP    PF02            PF03 EXIT    PF04 GoTo    PF05            PF06  
PF07 BKWD    PF08 FWD       PF09 PRINT   PF10 SDIV     PF11            PF12