

Robert L. Bayless, Producer LLC
Oil & Gas Producer

P. O. Box 168
Farmington, New Mexico 87499

FAX NO.
(505) 326-6911

OFFICE NO.
(505) 326-2659

February 17, 2000

Ms. Lori Wrotenbery
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RE: Application of Robert L. Bayless, Producer LLC for an Unorthodox Fruitland Coal Well Location
A. B. Geren No. 7
SE/4, Sec. 26, T29N, R9W, San Juan County, New Mexico

Dear Ms. Wrotenbery,

Robert L. Bayless, Producer LLC requests Administrative Approval of an Unorthodox Basin Fruitland Coal well location for its proposed A. B. Geren No. 7. The A. B. Geren No. 7 is operated by D. J. Simmons. Bayless is a partner in the well and is filing this application in behalf of D. J. Simmons. A copy of the application is being sent by certified mail to all offset leaseholders. A list of these leaseholders is attached. The well was completed in the Otero Chacra in July 1998 and is now producing 97 MCFD. We now plan to complete the Basin Fruitland Coal and downhole commingle production from both zones. D. J. Simmons has applied for and received approval for downhole commingling pursuant to Administrative Order (DHC-2485).

A map showing the A. B. Geren No. 7 and pertinent offset well information is attached. The A. B. Geren No. 7 is located 590' FSL and 1750' FEL, section 26, T29N, R9W. It was drilled at a non-standard location for the Otero Chacra. This location was administratively approved in Order NSL-4053. The reasons for this approval were to avoid proximity to old wellbores, and to avoid topographical problems in Largo canyon. The proposed spacing and proration unit for the Basin Fruitland Coal will be the E/2 of the section. A standard location for an E/2 spacing unit is in the NE/4. Our reasons for requesting the proposed location in the SE/4 are set forth below.

D. J. Simmons currently operates the A. B. Geren No. 5 Basin Fruitland Coal well in the NE/4 of section 26. This well will be shut in upon completion of the Basin Fruitland Coal in the A. B. Geren No. 7. The A. B. Geren No. 5 was completed May, 1990. This well produced 10 MCF in August 1999, and has cumulative production of 82 MMCF. This well will not recover its drilling cost, and we suspect that both mechanical and reservoir factors have affected its productivity. Bayless and D. J. Simmons do not desire to drill another possibly uneconomic well at a standard location in the NE/4.

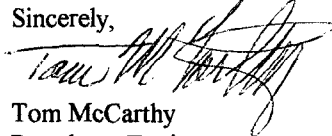
A standard location in the NE/4 of section 26 is offset by two marginal wells in section 24 and 25. The Koch A. B. Geren No. 3 in the SW/4 of section 24 produced 38 MCFD in August, 1999, and has cumulative production of 84 MMCF. The Koch A. B. Geren No. 4 in the NE/4 of section 25 produced 35 MCFD in August 1999 and has cumulative production of 124 MMCF. These wells appear to be marginally economic. More highly productive and economic wells are generally located south and west of the proposed spacing unit. This lends support to our belief that the NE/4 of section 26 may not contain an economic Basin Fruitland Coal location.

None of the other wells in the spacing unit, in either a standard or non-standard location, are suitable for recompletion into the Fruitland Coal. These other wells are either currently valuable producers, or they are so old as to be mechanically unsuitable. The A. B. Geren No. 7 is a new well, and using it as a recompletion wellbore will prevent the drilling of another well in the spacing unit and prevent economic waste.

A sample copy of our waiver letter sent to offset operators is attached.

Bayless requests that you seriously consider this request for administrative approval of an unorthodox Fruitland Coal location for the A. B. Geren No. 7. Please call either Tucker Bayless or myself if you wish to discuss this matter. If you wish to discuss this matter with D. J. Simmons, please contact John Byrom at (505) 326-3753.

Sincerely,



Tom McCarthy
Petroleum Engineer

Attachments

Robert L. Bayless, Producer LLC
Unorthodox Basin Fruitland Coal Location
A. B. Geren No. 7
Offset Lease Holders List

Burlington Resources Oil & Gas Company
PO Box 4289
Farmington, NM 87499-4289

Amoco Production Company
200 Amoco Court
Farmington, New Mexico 87401

SG Interests, LTD.
1331 Lamar, Suite 501
Houston, Texas 77010

Robert L. Bayless, Producer LLC
Oil & Gas Producer

P. O. Box 168
Farmington, New Mexico 87499

FAX NO.
(505) 326-6911

OFFICE NO.
(505) 326-2659

February 17, 2000

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

TO: Interested Parties Entitled to Notice

RE: Application for Administrative Approval of Unorthodox Basin Fruitland Coal Well Location
A. B. Geren No. 7
SE/4, Sec. 26, T29N, R9W, San Juan County, NM

Robert L. Bayless, Producer LLC requests that you waive objection to its application for administrative approval of the above-referenced unorthodox Basin Fruitland Coal well location. A copy of the application is enclosed.

If you have an objection to this application, you must notify the New Mexico Oil Conservation Commission at 2040 South Pacheco Street, Santa Fe, NM 87505 within 20 days of receiving this notice. If you wish to waive objection to this application, please sign and return one copy of this letter in the attached envelope.

Sincerely,

Tom McCarthy
Petroleum Engineer

I/We waive objection in the above matter.

Company _____

Name _____

Signature _____ Date _____

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Burlington Resources Oil & Gas Company
PO Box 4289
Farmington, NM 87499

2. Article Number (Copy from service label)

7 213 715 346

PS Form 3811, July 1999

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent

☐ Addressee

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

Domestic Return Receipt

102595-99-M-1789

Z 213 715 346

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Burlington Resources Oil & Gas Company

PO Box 4289

Farmington, NM 87499

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

2/17
A.B. Green #7
Unorthodox location

PS Form 3800, April 1995

Fold at line over top of envelope to the right of the return address

CERTIFIED

Z 213 715 346

MAIL

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Amoco Production Company
200 Amoco Court
Farmington, NM 87401

2. Article Number (Copy from service label)

7213 715347

PS Form 3811, July 1999

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature

X

☐ Agent
☐ Addressee

D. Is delivery address different from item 1?

If YES, enter delivery address below: ☐ Yes ☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

PS Form 3800, April 1995

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

Fold at line over top of envelope to the right of the return address

CERTIFIED

Z 213 715 347

MAIL

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Amoco Production Company
200 Amoco Court
Farmington, NM 87401

Z 213 715 347

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SG Interests, LTD.
1331 Lamar, Suite 501
Houston, TX 77010

2. Article Number (Copy from service label)

7213 715 348

PS Form 3811, July 1999

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

C. Signature

X

☐ Agent

☐ Addressee

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

Domestic Return Receipt

102595-99-M-1789

Z 213 715 348

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (see manual)

SG Interests, LTD.
1331 Lamar, Suite 501
Houston, TX 77010

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

2/17
AB Green #7
Unorthodox Location

PS Form 3800, April 1995

Fold at line over top of envelope to the right of the return address

CERTIFIED

Z 213 715 348

MAIL



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

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

ADMINISTRATIVE ORDER DHC-2485

D.J. Simmons, Inc.
P.O. Box 1469
Farmington, New Mexico 87499

Attention: Mr. John A. Byrom

*A. B. Geren No. 7
API No. 30-045-29590
Unit O, Section 26, Township 29 North, Range 9 West, NMPM,
San Juan County, New Mexico.
Basin-Fruitland Coal (Gas - 71629) and
Otero-Chacra (Gas - 82329) Pools*

Dear Mr. Byrom:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the well shall be allocated in the following manner:

Gas production from the Otero-Chacra Pool shall be determined utilizing the production forecast submitted as an attachment to the downhole commingling application. Gas production from the Basin-Fruitland Coal Gas Pool shall be determined by subtracting Otero-Chacra Pool production from the well's total monthly gas production.

Administrative Order DHC-2485

D.J. Simmons, Inc.

October 20, 1999

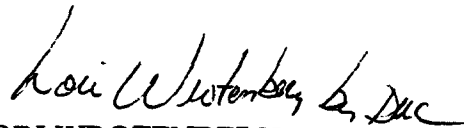
Page 2

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 20th day of October, 1999.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



LORI WROTENBERY
Director

S E A L

LW/DRC

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

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

5306 21 OCT 8 52 ☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address D. J. SIMMONS, INC. P. O. BOX 1469 FARMINGTON, NEW MEXICO 87499		EFFECTIVE DATE: 10-01-96	OGRID Number 005578
			Reason for Filing Code CH
API Number 30-045-27333	Pool Name BASIN FRUITLAND COAL (GAS)		Pool Code 71629
Property Code 010165	Property Name A. B. GEREN		Well Number #5

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	26	29N	9W		872	NORTH	1490	EAST	SAN JUAN

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	26	29N	9W		872	NORTH	1490	EAST	SAN JUAN
Lea Code F	Producing Method Code F	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
			O	RECEIVED OCT 11 1996 OIL CON. DIV. DIST. 3
			G	

IV. Produced Water

POD	POD ULSTR Location and Description

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
Well Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules 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: <i>William Manchester</i>		OIL CONSERVATION DIVISION	
Printed name: WILLIAM MANCHESTER		Approved by: <i>228</i>	
Title: VICE PRESIDENT		Title: SUPERVISOR DISTRICT #3	
Date: 10-9-96		Approval Date: OCT 11 1996	
Phone: 505-326-3753			
If this is a change of operator fill in the OGRID number and name of the previous operator <i>William Manchester</i> Previous Operator Signature		D.J. SIMMONS ET AL Printed Name	
BY: WILLIAM MANCHESTER, GEN. MGR.		Title	
		Date	

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 ☒ Gas ☐ Other

2. Name of Operator

D.J. Simmons Company

3. Address and Telephone No.

3005 Northridge Drive, Farmington, NM 87401

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

26-29N-9W

872/N-1490/G

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

BF 080000-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

A.B. Geren No. 5

9. API Well No.

30-045-27333

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Shut off water

☐ 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 depth for all markers and zones pertinent to this work.)*

Propose to repair well as per attached procedure.

RECEIVED
JUL 5 1995

OIL CON. DIV.
DIST. 3

RECEIVED
BLM
JUN 21 AM 10:46
400 FARMINGTON, NM

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

Signed

R. P. O.

Title

Consulting Engineer

Date

6/19/95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

NMOCD

DISCUSSION

The Simmons E-1, is a Mesa Verde open hole completion drilled by D. J. Simmons Company in 1952. The well is located at 790' FNL x 1550' FEL, Section 26, T29N, R9W, San Juan County New Mexico. Diagram 1 details the wellbore geometry of the well. Of primary interest, note that 7", 23 ppf, casing was set to 3960' (bore hole diameter 8 3/4"). The casing was cemented with 300 sks. Calculations indicate that the maximum top of the cement in the 7" casing by 8 3/4" hole annulus is 1664 ft, assuming no shrinkage or lost returns. In all likelihood, the cement top is much deeper. Usually, current day primary cement job calculations utilize a 50% excess factor to cover lost returns and shrinkage. Below the casing the Mesa Verde was drilled with a 6 1/4" hole to 4848', and completed by 1952 open hole methods. The top of the Ojo Alamo, a known water producing zone is 1330 ft, well above the possible top of the cement in this well bore.

In 1990, D. J. Simmons company drilled the A. B. Geren No. 5, on the same well pad as the Simmons E-1. The A. B. Geren No. 5 is a Fruitland Coal well located at 872' FNL x 1490' FEL, Section 26. The distance between the center lines of the two well bores is 101.64 ft, assuming no down hole deviation in either well. 4 1/2", 10.5 ppf casing was run and cemented at 2449'. The Fruitland Coal sections were perforated from 2178 - 85, 2286 - 2300, 2310 - 15, and 2361 - 76 at 4 jsp. The coals were fractured with 55,000 lbs of sand and 71,400 gals of gelled water.

The A. B. Geren No. 5 produced significant amounts of water. Efforts to "de-water" the coal section, by compression and pumping, were not successful. Production records from offset coal wells indicate that "de-watering" should have been successful. In June of 1992, D. J. Simmons Company, ran a CBL log and tested the producing coal sections to attempt to determine the zones of water entry in the well. The top set of perforations 2178 -2185, were squeezed with 515 sks of cement. The bottom perforations 2361 - 2376, were treated with 500 gals of 15% HCL. Pump and rods were re-ran and the well was returned to production. Produced water volumes did not diminish.

By reviewing the operational data, D. J. Simmons Company engineers, and On Site Technologies consulting engineers have determined that it is probable that the original fracture treatment performed in the coal sections of the A. B. Geren No. 5, created a fracture that intersected the well bore of the Simmons E-1, and connected the uncemented Ojo Alamo zone to the open perforations in the A. B. Geren No. 5. This possibility is supported by the unabated water production in the A. B. Geren No. 5 when compared to the water production of offset coal wells. Workover and squeeze operations on the A. B. Geren No. 5 have proven to be unsuccessful in shutting off the water.

To correct the situation, D. J. Simmons Company proposes to workover the Simmons E-1 well. It is desirable to prepare the E-1 for a Mesa Verde side track designed to penetrate the producing Mesa Verde intervals at some distance from the original open hole completion. During the course of the side track preparation, secondary squeeze cementing operations would be conducted, insuring that the existing 7" casing is cemented to the surface. Special efforts would be made to squeeze off the Ojo Alamo, and any other potential water production zones. These secondary cementing operations should produce a two-fold advantage in preparing the E-1 for sidetrack, and squeezing off the water producing sections that the fracture treatment of the A. B. Geren No. 5 probably intersected.

After secondary cementing operations are completed in the E-1, the A. B. Geren No. 5 will be retested to determine the success of the water shut off. If this is not successful, plugging and abandonment procedures for the A. B. Geren No. 5 will be prepared. If the operations are successful, the A. B. Geren No. 5 will be returned to production.

Simmons E-1
740 FNLX1550 FEL SEC 26

RECEIVED
BIM

A.B. Green No. 5
872 FNLX1440 FEL SEC 26

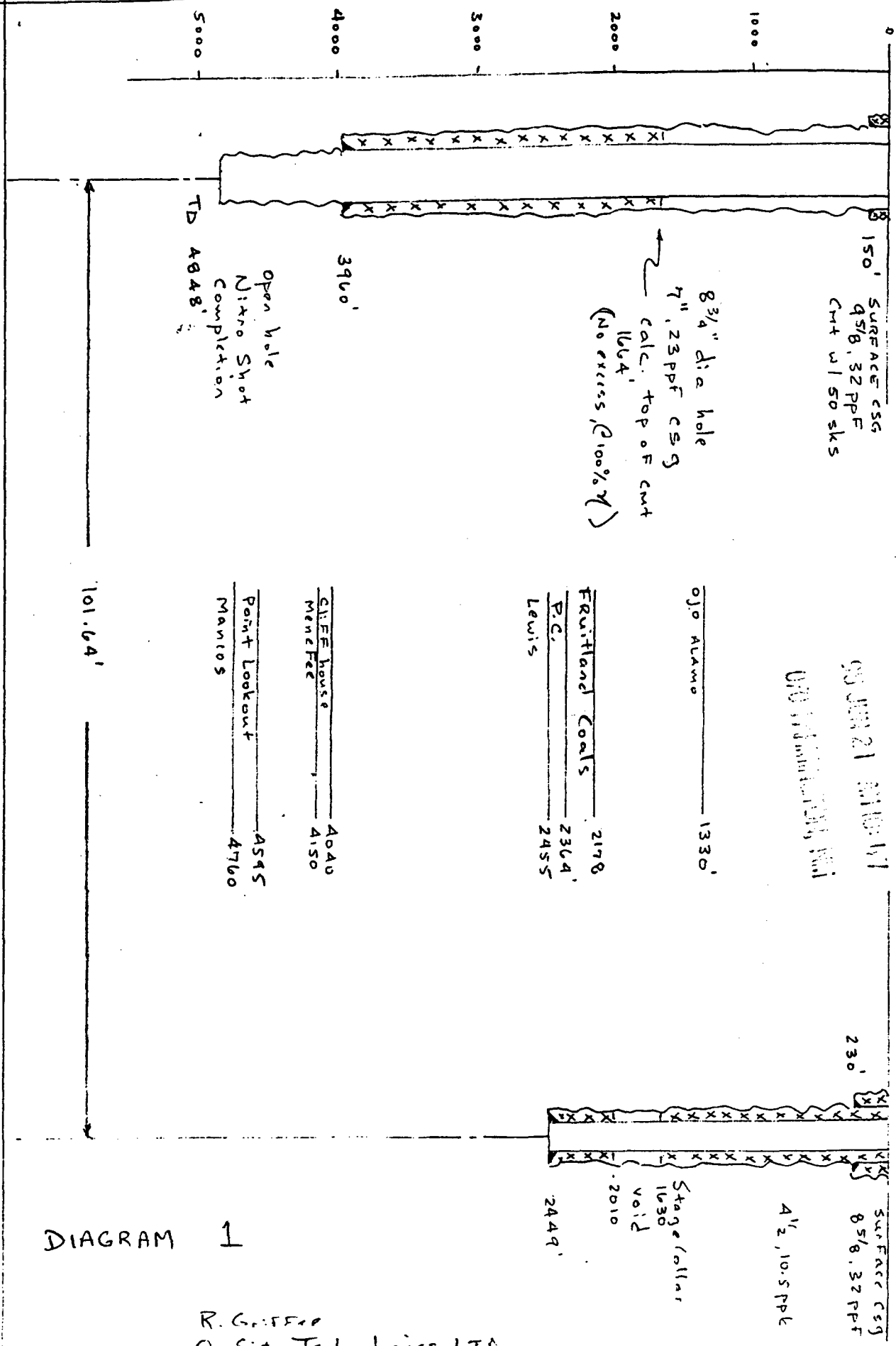


DIAGRAM 1

R. Griffen
On Site Technologies LTA
6/19/95

50 SHEETS
22-141
100 SHEETS
22-142
200 SHEETS
22-144



WORKOVER PROCEDURE
Simmons E-1

1. Construct blow down pit. Install and/or test rig anchors. Blow well down.
2. Move in and rig up workover rig. Set pump and pit. Nipple down well head and nipple up 3000 psi BOPE. NU stripping head. Lay blow down line to pit. Blow well down, kill well with water if required.
3. Pull on 2 3/8" tubing. If tubing is stuck, jet cut tubing below 7" casing shoe at approximately 3960 ft. POOH with tubing laying down, SLM.
4. PU 7" casing scraper and SN with wireline retrievable plug in nipple. PU new string of 2 3/8" tubing. RIH with 2 3/8" tbg to casing shoe at 3960'. Pressure test tbg to 1000 psi with rig pump. Retrieve plug on wireline. POOH with tubing, lay down SN and scraper.
5. PU 7" cmt retainer. RIH to 3940' on 2 3/8" tbg. Set retainer. Pressure test tbg to 1000 psi. Sting out of retainer. Load casing with water. Attempt to pressure test casing above retainer to 500 psi. Sting into retainer. RU Western Company. Establish injection rate under retainer into Mesa Verde open hole. Squeeze open hole with 150 sks Class 'b' neat. Sting out of retainer and spot 10 sks on top of retainer. Reverse circulate tbg. TOH with 2 3/8 tbg, lay down stinger.
6. If the casing successfully pressure tested in step 5, go to step 7. PU 7" test packer. Isolate all 7" casing leaks below 1400'. Squeeze leaks as required.
7. RU wireline. Run CBL to determine top of cement and that no stringers exist above 1400'. Perforate two squeeze holes at 1400'. RIH with tubing and test packer, set packer at 1300'. Pressure test tubing casing annulus above 1300'. If annulus does not pressure test, move up hole testing backside to find depth of 7" casing integrity. Establish injection rate down tubing, through squeeze holes, up 7" x 8 3/4" annulus, and through Braden Head. POOH with packer and tubing.

PU 7" cmt retainer. RIH and set at 1350', or depth of casing integrity found above. Squeeze annulus covering Ojo Alamo with 250 sks Class 'b' neat, cement to surface (50% excess). Sting out of retainer and spot 5 sks of cmt on retainer. Reverse circulate tubing. POOH. Adjust procedure as required depending on where casing integrity is discovered. WOC over night.
8. PU 6 1/4" bit. Drill out retainer and clean out to 3900' +/- POOH. Run 7" casing scraper to clean out depth. POOH.
9. PU 7" CIBP. RIH to 3000' and set CIBP. Spot 25 sks Class 'b' neat on top of CIBP for kick off plug. POOH. ND BOPE, NU wellhead.

WORKOVER PROCEDURE AND COST ESTIMATE
Simmons E-1

1. Construct blow down pit. Install and/or test rig anchors. Blow well down.
Dirt Work; \$350
Mo Te; \$500
Consulting Time, 4 hrs @ \$55/hr = \$220
Sub Total: \$1070

Operational Day 1 (11 hours)

2. Move in and rig up workover rig. Set pump and pit. Nipple down well head and nipple up 3000 psi BOPE. NU stripping head. Lay blow down line to pit. Blow well down, kill well with water if required.
Rig; \$170/hr x 4 hrs = \$680
expendable; \$100
Consulting; \$400/day x 1 day, + mileage = \$500
Water Truck = \$300
Sub Total; \$1580
3. Pull on 2 3/8" tubing. If tubing is stuck, jet cut tubing below 7" casing shoe at approximately 3960 ft. POOH with tubing laying down, SLM.
Rig; \$170/hr x 3 hrs = \$510
Jet Cut; \$1700
Sub Total; \$2210
4. PU 7" casing scraper and SN with wireline retrievable plug in nipple. PU new string of 2 3/8" tubing. RIH with 2 3/8" tbg to casing shoe at 3960'. Pressure test tbg to 1000 psi with rig pump. Retrieve plug on wireline. POOH with tubing, lay down SN and scraper.
Scraper; \$300
Wireline plug \$ SN; \$200
Tubing; \$10,530
Trucking; \$500
Rig; \$170/hr x 4 hrs = \$680
Sub Total; \$12,210

Operational Day 2 (11 hours)

5. PU 7" cmt retainer. RIH to 3940' on 2 3/8" tbg. Set retainer. Pressure test tbg to 1000 psi. Sting out of retainer. Load casing with water. Attempt to pressure test casing above retainer to 500 psi. Sting into retainer. RU Western Company. Establish injection rate under retainer into Mesa Verde open hole. Squeeze open hole with 150 sks Class 'b' neat. Sting out of retainer and spot 10 sks on top of retainer. Reverse circulate tbg. TOH with 2 3/8" tbg, lay down stinger.
Rig; \$170/hr x 5 hrs = \$850
7" Retainer; \$900
Water; \$250
Western Co.; \$1500
Consulting; 1 day x \$400/day + mileage = \$500
Sub Total; \$4000

Operational Day 3 (11 hours)

6. If the casing successfully pressure tested in step 5, go to step 7. PU 7" test packer. Isolate all 7" casing leaks below 1400'. Squeeze leaks as required.
Rig; (6+ 11) hrs x \$170/hr = \$2890
Water; \$250
Western Co.; \$2000
Consulting; 1 day x \$400/day + mileage = \$500
Sub Total; \$5640

Operational Day 4 (8 hrs)

7. RU wireline. Run CBL to determine top of cement and that no stringers exist above 1400'. Perforate two squeeze holes at 1400'. RIH with tubing and test packer, set packer at 1300'. Pressure test tubing casing annulus above 1300'. If annulus does not pressure test, move up hole testing backside to find depth of 7" casing integrity. Establish injection rate down tubing, through squeeze holes, up 7" x 8 3/4" annulus, and through Braden Head. POOH with packer and tubing.
CBL, Perforating; \$2350
Water; \$250
Packer; \$800
Rig; \$170/hr x 5 hrs = \$850
Consulting; 1 day x \$400/day + mileage = \$500

PU 7" cmt retainer. RIH and set at 1350', or depth of casing integrity found above. Squeeze annulus covering Ojo Alamo with 250 sks Class 'b' neat cement to surface (50% excess). Sting out of retainer and spot 5 sks of cmt on retainer. Reverse circulate tubing. POOH. Adjust procedure as required depending on where casing integrity is discovered. WOC over night.

Retainer; \$900
Western Co; \$2300
Water; \$250
Rig; \$170/hr x 3 hrs = \$510
Sub Total \$8710

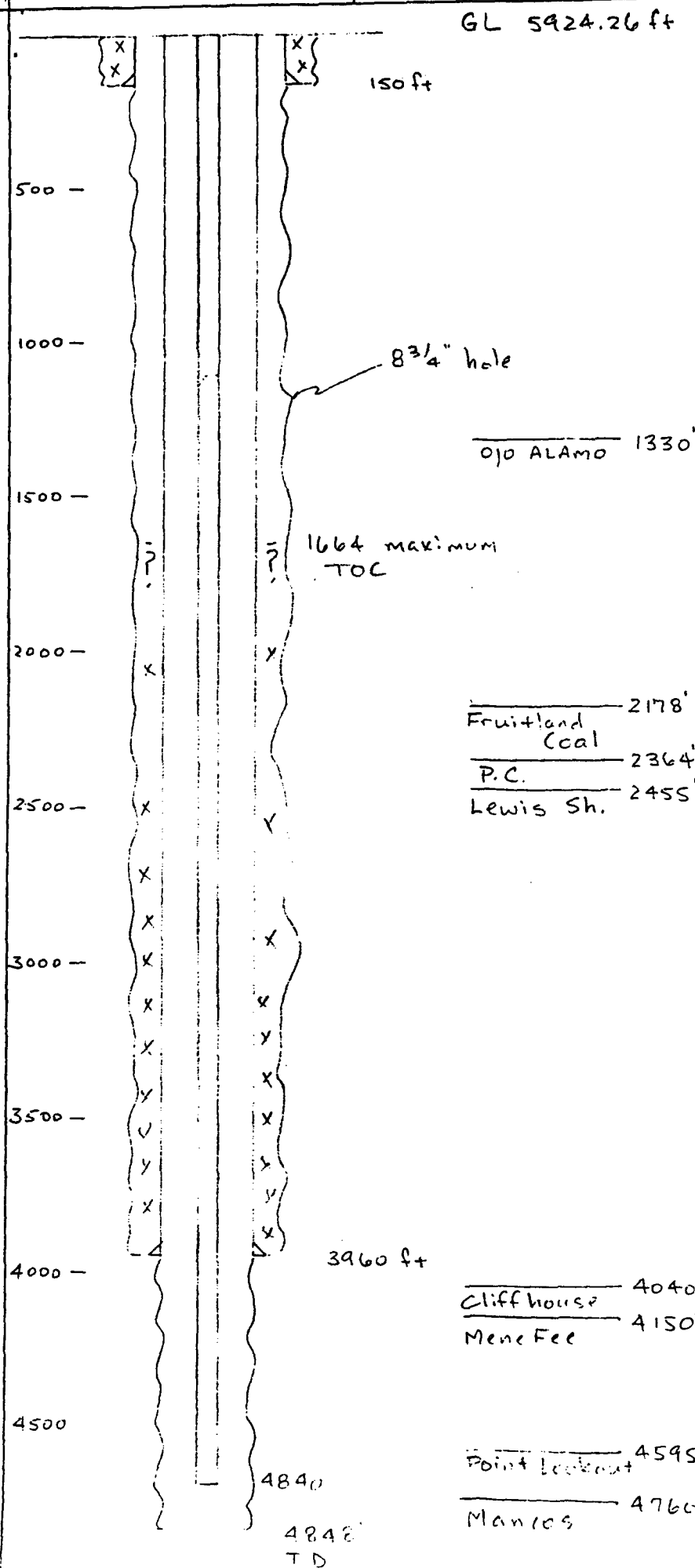
Operational Day 5 (11 hours)

8. PU 6 1/4" bit. Drill out retainer and clean out to 3900' +/- . Pressure test casing to 500 psi POOH. Run 7" casing scraper to clean out depth. POOH.
Bit; \$400
Rig; \$170/hr x 5 hrs = \$850
Consulting; 1 day x \$400/day + mileage = \$500
Sub Total; \$1750
9. PU 7" CIBP. RIH to 3000' and set CIBP. Spot 25 sks Class 'b' neat on top of CIBP for kick off plug. POOH. ND BOPE, NU wellhead. Release Rig.
CIBP; \$900
Western Co.; \$1500
Rig; \$170/hr x 6 hrs = \$1020
Sub Total; \$3420

Cost Estimate Summary

Step	Intangible	Tangible	Total
1.	1,070	0	1,070
2.	1,580	0	1,580
3.	2,210	0	2,210
4.	1,680	10,530	12,210
5.	4,000	0	4,000
6.	5,640	0	9,640
7.	8,710	0	8,710
8.	1,750	0	1,750
9.	3,420	0	3,420
Total	30,060	10,530	40,590

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



9 5/8" 32 ppf Surface
CSG 50 sks

7" 23 ppf Casing
300 sks

SIMMONS E-1
790' FNL x 1550' FEL
Section 26
T29N R9W
San Juan County
NM

Blanco MV

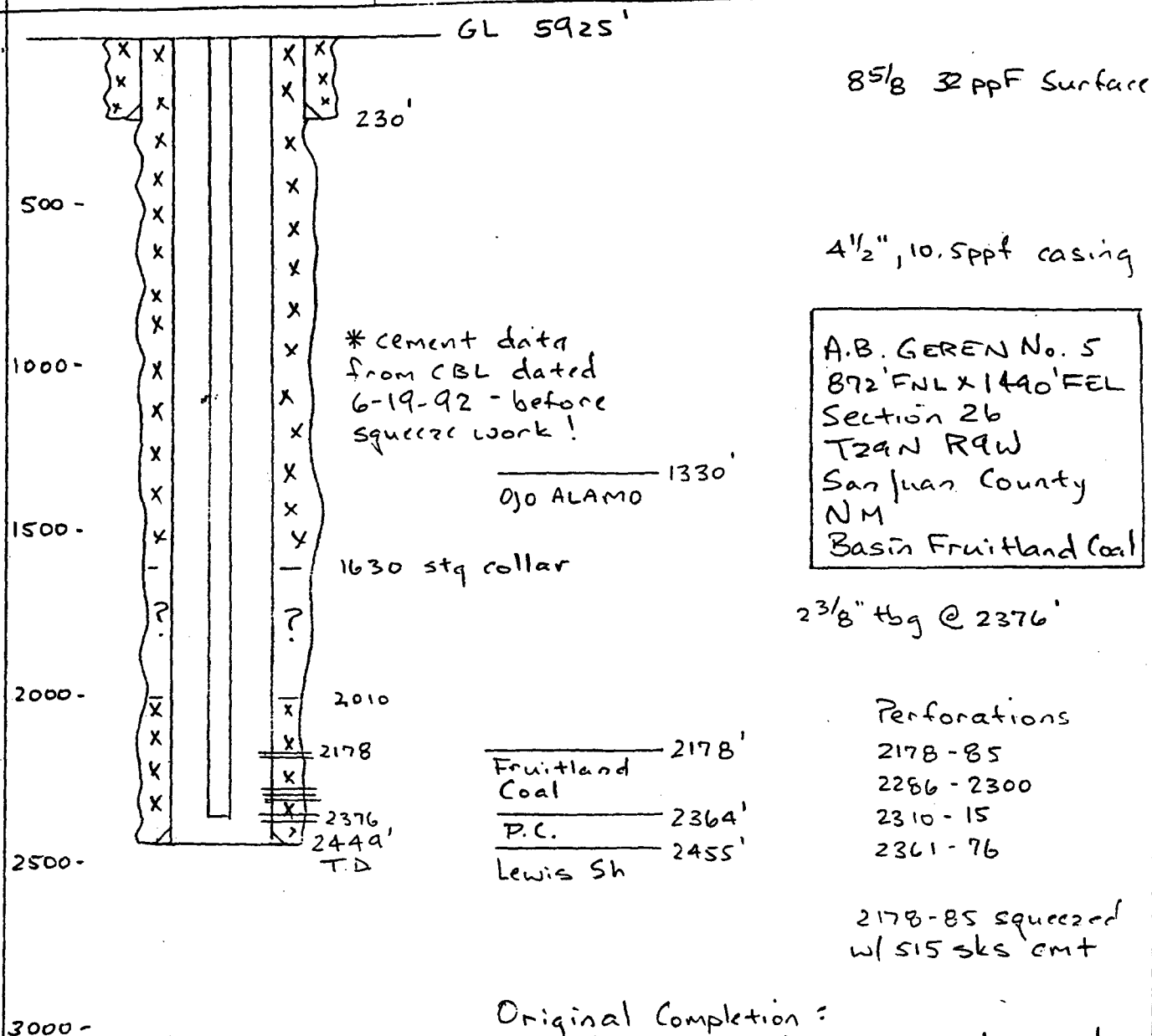
completed
12/16/52

2 3/8 4.7 ppf Tbg
@ 4840'

open hole Nitro
shot completion

R. Griffee
On Site Technologies Ltd
6/19/95

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



R. Griffice
On Site Technologies Ltd
6/19/85

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)
BUREAU OF LAND MANAGEMENT

SF 080000-A

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐ '92 JUL 27 AM 8 59

2. NAME OF OPERATOR
D.J.SIMMONS CO.

3. ADDRESS OF OPERATOR
P.O.BOX 1469, FARMINGTON, NM 84799

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

872' FNL, 1490' FEL

14. PERMIT NO

15. ELEVATIONS (Show whether DT, RT, OK, etc.)

5925' GL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

A.B. GEREN

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

BASIN FRUITLAND COAL

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

SEC.26-T29N-R9W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

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 PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)

6-17-92 MI & RU BIG A W/S RIG # 28. PULLED RODS & TBG. PETRO WL RAN CMT BOND LOG.

TO EXCELLENT ABOVE, BELOW & ACROSS ALL ZONES OF INTEREST. USING PKR BRIDGE PLUG,

7-02-92 SWAB TESTED 3 SETS OF PERFORATIONS TO DETERMINE WHERE WATER ENTRY WAS COMING FROM. PERFORMED 3 SQUEEZE CEMENT JOBS ON TOP SET OF PERFS FROM 2178-2186' PUMPED A TOTAL OF 515 SKS CL-G CEMENT. PRESSURE TESTED TO 750 PSI OK. REACIDIZED BOTTOM PERFS 2361'-2376' W/500 GAL OF 15% HCL. RAN TBG & RODS BACK IN WELL & RETURNED TO PRODUCTION 7-2-92

RECEIVED
JUL 17 1992
OIL CON. DIV
DIST. 3

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

SIGNED

TITLE CO-REP.

DATE 7-6-92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

JUL 15 1992

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY

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.

NMOCB

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
SF 080000-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT ASSIGNMENT NAME	
2. NAME OF OPERATOR D.J. SIMMONS CO		8. FARM OR LEASE NAME A.B. GEREN #2	
3. ADDRESS OF OPERATOR P.O. BOX 1469, FARMINGTON, NM 87499		9. WELL NO. # 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 872' FNL, 1490' FEL		10. FIELD AND POOL, OR WILDCAT BASIN FRUITLAND COAL	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 26-T29N-R9W	
15. ELEVATIONS (Show whether DF, RT, GN, etc.) 5925' GL		12. COUNTY OR PARISH SAN JUAN	
		13. STATE NEW MEXICO	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANE	<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. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

6-15-92 NOTICE OF INTENT TO MOVE IN WORKOVER RIG AND TRY TO SHUT OFF WATER IN PRODUCING COAL SECTION

RECEIVED

JUL 17 1992

OIL CON. DIV
DIST. 3

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

SIGNED R.G. [Signature] TITLE CO-REP. DATE 6-15-92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
DATE _____

JUL 15 1992

*See Instructions on Reverse Side

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.

NMOCD

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos 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-135
Adopted 4-1-9

SEE FILING INSTRUCTION
BOTTOM OF PAGE

GAS WELL CONNECTION, RECONNECTION, OR DISCONNECTION NOTICE

This is to notify the Oil Conservation Division of the following:

Connection X First Delivery 09/17/91
Date Initial Potential

Reconnection First Delivery
Date Initial Potential

Disconnection
Date

for delivery of gas from the D J SIMMONS et al
Operator

A B Geren

Lease

92-606-01 03-872-01 #5 B 26-29-09
Meter Code Site Code Well No. Unit Letter S-T-R

Basin - Fruitland Coal

Pool

was made on 09/17/91
Date

660 660
AOF Choke

OCD use only

County Sg

Land Type F

Liq. Transporter

FILING INSTRUCTIONS:

Each transporter of gas from a prorated gas well shall submit this form in duplicate to the appropriate district office of the Division within 30 days following the connection, reconnection, or disconnection of a well from their gathering/transportation system, in accordance with Rule 1104, Rule 1135, and R-8170 as amended.

RECEIVED
SEP 27 1991
OIL CON. DIV.
DIST. 3

EL PASO NATURAL GAS COMPANY

Transporter

Ed Marcum

Signature of Transporter Representative

ED MARCUM, MEASUREMENT SPECIALIST

Printed Name and Title

BOX 4990, FARMINGTON NM 87499, (505)599-2128

Address and Telephone Number

OIL CONSERVATION DIVISION

See instructions
at Bottom of

DISTRICT II

P.O. Drawer DD, Azusa, NM 88210

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION
RECEIVED

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

AUG 24 AM 9 37

Operator D. J. SIMMONS		Well API No. API-30-045-27333
Address P.O. BOX 1469, FARMINGTON, NEW MEXICO 87499		
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 A. B. GEREN	Well No. 5	Pool Name, including Formation BASIN FRUITLAND COAL	Kind of Lease State (Federal) or Fee	Lease No. SF-08000
Location				
Unit Letter B	872	Feet From The N	Line and 1490	Feet From The E
Section 26	Township 29N	Range 9W	N.M.P.M.	SAN JUAN

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
GARY ENERGY CO.	115 INVERNESS DR, ENGLEWOOD, CO. 80112					
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)					
EL PASO NATURAL GAS CO.	P.O. BOX 1492, EL PASO, TEXAS 79978					
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 26	Twp. 29N	Rge. 9W	Is gas actually connected? NO	When? ASAP

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'
		X	X					
Date Spudded 5-5-90	Date Compl. Ready to Prod. 5-16-90		Total Depth 2452		P.B.T.D. 2435			
Elevations (DP, RKB, RT, GR, etc.) 5925 GL	Name of Producing Formation BASIN FRUITLAND COAL		Top Oil/Gas Pay 2178		Tubing Depth 2376			
Perforations 2178-85, 2286-2300, 2310-76 W/4SPF					Depth Casing Shoe 2449			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4"	8-5/8"		230		140			
7-7/8"	4-1/2"		2449		400			

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.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

OIL CON. DIV.

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	DIST. 3	Gravity of Condensate
Testing Method (pilot, back pr.) BACK PR.	Tubing Pressure (lb/in. sq.) 660	Casing Pressure (lb/in. sq.) 660	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.

Signature
ROD PINKETT, PETROLEUM ENGINEER
Printed Name
6-11-90
Date
(505) 326-3753
Telephone No.

OIL CONSERVATION DIVISION

8-23-90
Date Approved AUG 23 1990By
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 other such changes.
- 4) Separate Form G-124

ON DIVISION
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

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 ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

D.J. SIMMONS

3. ADDRESS OF OPERATOR

P.O. BOX 1469, FARMINGTON, N.M. 84799

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

At surface 872' FNL, 1490' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-075-27333

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

15. DATE SPUDDED

5-5-90

16. DATE T.D. REACHED

5-11-90

17. DATE COMPL. (Ready to prod.)

5-16-90

18. ELEVATIONS (DP, RKB, RT, OR, ETC.)*

5925' GL

19. ELEV. CASINGHEAD

5925'

20. TOTAL DEPTH, MD & TVD

2452

21. PLUG, BACK T.D., MD & TVD

2435

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

FRUITLAND COAL (2178-2361)

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES & GR - FDC - CNL

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"	32.0#	210	12-1/4"	1605 FT ³	NONE
4-1/2"	10.5#	2449	7-7/8"	478.596 FT ³	NONE

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	2376	NO

31. PERFORATION RECORD (Interval, size and number)

2178-85, 2286-2300, 2310-15, 2361-76

W/ 4SPF

RECEIVED
AUG 08 1990
OIL CON. DIV.

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

AMOUNT AND KIND OF MATERIAL USED

FRACTURE TREATED W/
55,000# SAND AND 71,400
GAL. WATER

33.*

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumpjack, etc. and type of pump)

WELL STATUS (Producing or shut-in)

SHUT-IN WAITING ON PIPELINE CONNECTION—CAPABLE OF COMMERCIAL HYDROCARBON PRODUCTION

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

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
SI 480	520					

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

TO BE SOLD

ACCEPTED FOR RECORD
TEST WITNESSED BY

35. LIST OF ATTACHMENTS

JUL 30 1990

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

SIGNED

TITLE

PETROLEUM ENGINEER

DATE

6-13-90

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	SURFACE 1356 1457 2057		NACIMIENTO OJO ALAMO KIRTLAND FRUITLAND

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

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

State of New Mexico
Energy, Minerals and Natural Resources Department

DN
Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

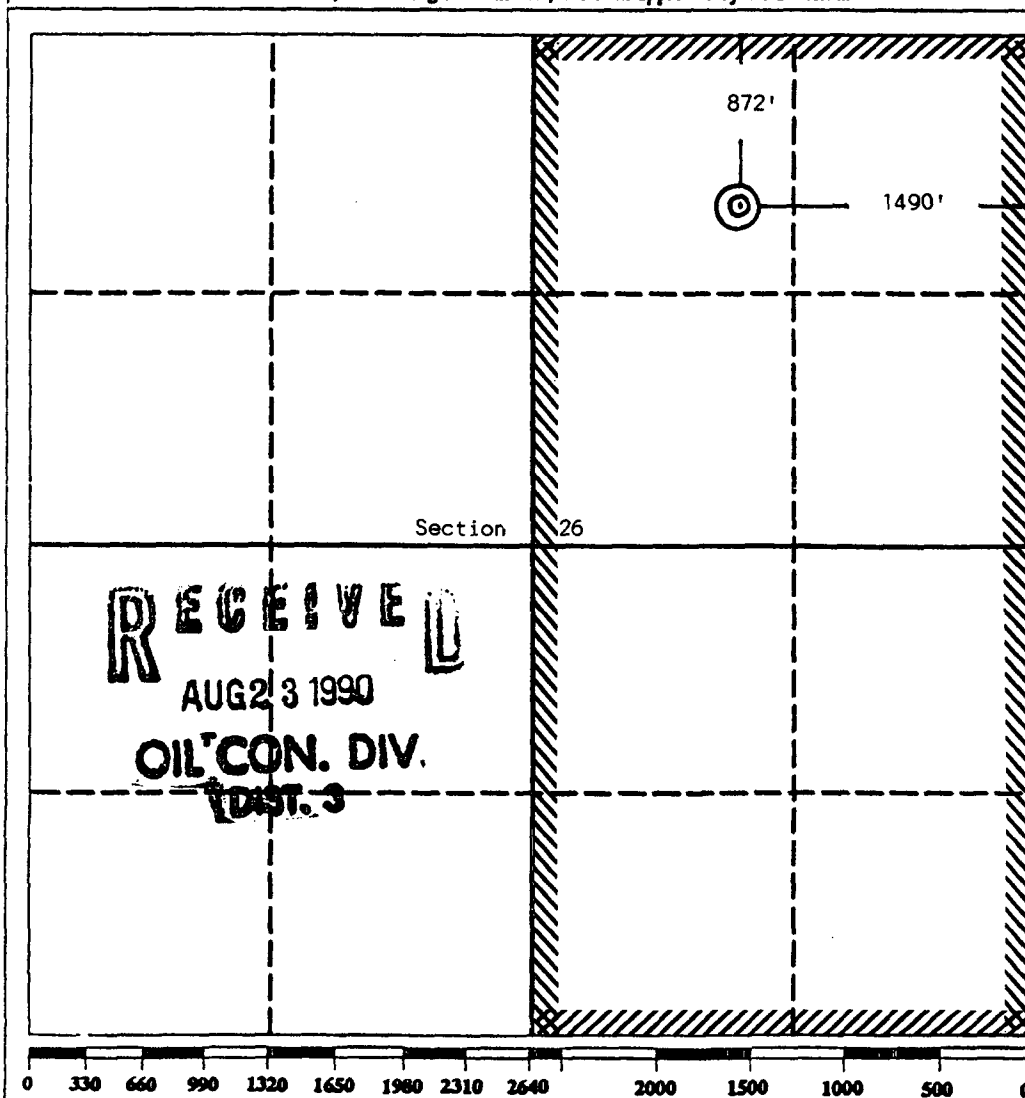
Operator D. J. Simmons		Lease A. B. Geren		Well No. 5
Unit Letter B	Section 26	Township 29 North	Range 9 West	County San Juan
NMPM				

Actual Footage Location of Well:

872 feet from the North line and 1490 feet from the East line

Ground level Elev. 5925	Producing Formation Basin Fruitland Coal	Pool	Dedicated Acreage: 297.31 Acres
----------------------------	---	------	------------------------------------

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
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
Torene Myers
Printed Name
Torene Myers
Position
D. J. Simmons
Company
P-23-90
Date

SURVEYOR CERTIFICATION

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

Date Surveyed
May 17, 1990

Signature
Professional Surveyor
EDGAR L. RISENHOVER
NEW MEXICO
5979
P.S.

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		2. NAME OF OPERATOR D.J. SIMMONS		3. ADDRESS OF OPERATOR P.O. BOX 1469, FARMINGTON, N.M. 87499		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 860' FNL, 1490' FEL		5. LEASE DESIGNATION AND SERIAL NO. SF 080000-A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5925' GL		12. COUNTY OR PARISH SAN JUAN		13. STATE NEW MEXICO		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME A.B. GEREN	
9. WELL NO.		10. FIELD AND POOL, OR WILDCAT BASIN FRUITLAND COAL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 26-T29N-R9W		16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		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.)		18. I hereby certify that the foregoing is true and correct	

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>	(Other)	<input type="checkbox"/>		<input type="checkbox"/>
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

DUE TO THE LOSS OF THE SURFACE HOLE, IT IS REQUESTED THAT PERMISSION BE GRANTED TO SKID THE DRILLING RIG 12' SOUTH AND SPUD A NEW SURFACE HOLE. THE NEW LOCATION WILL BE 872' FNL, 1490' FEL. IT SHOULD BE NOTED THAT NO NEW DIRT DISTURBANCES WILL BE REQUIRED.

IT IS ALSO REQUESTED THAT THE B.O.P. DIAGRAM AND OPERATIONS PLAN BE REVISED AS SHOWN ON THE ACCOMPANYING DOCUMENTS. THE CHANGES SHOWN INDICATE REQUIREMENTS FOR AN AIR DRILLED INSTEAD OF A MUD DRILLED HOLE.

RECEIVED

MAY 07 1990

OIL CON. DIV
DIST. 3

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

SIGNED

TITLE PETROLEUM ENGINEER

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

DATE

5-3-90

DATE

MAY 04 1990

AREA MANAGER
FARMINGTON RESOURCE AREA

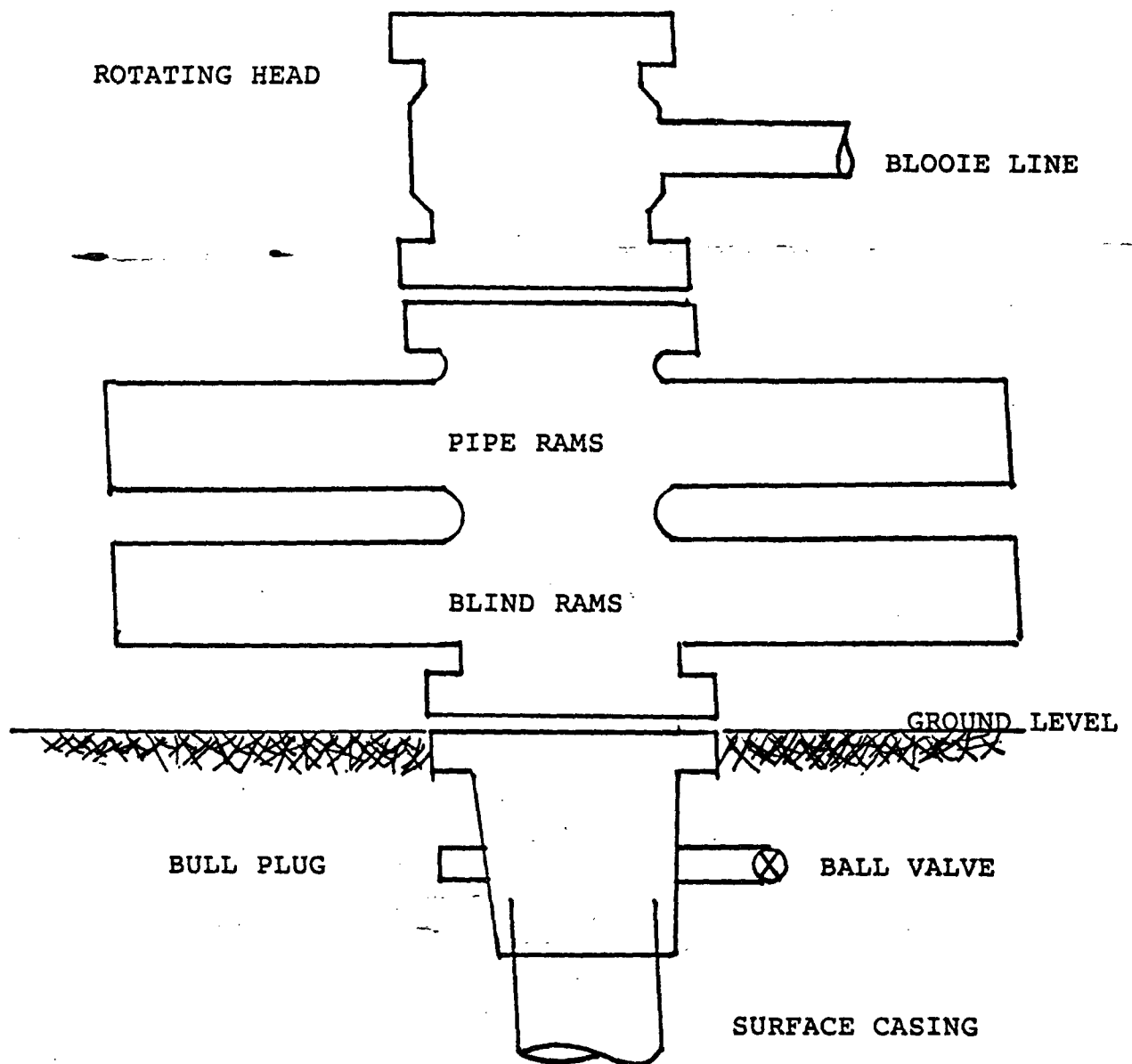
*See Instructions on Reverse Side

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

TYPICAL B.O.P. INSTALLATION FOR AIR DRILLED WELL

85000-1-3 2000-1-30

SAINT-LOUIS, MISSOURI



SERIES 900 DOUBLE GATE B.O.P.

RATED AT 3000 PSI WORKING PRESSURE

OPERATIONS PLAN - A. B. GEREN #5

Well Name: A. B. GEREN #5

I. Location: 860 FNL, 1490 FEL Sec. 26-T29N-R9W San Juan Co., NM

Field: Basin Fruitland Elev: 5925 'GL

II. Geology:

A. Formation Tops:	Surface San Jose	Fruitland	2139
	Ojo Alamo	Total Depth	2479
	Kirtland		1539

B. Logging Program: I-ES & GR-FDC-CNL & total depth.

III. Drilling:

A. Mud Program: Air from surface to 2564 (100' above the top of the Fruitland). At that point mud up and drill to TD.

IV. Materials:

A. Casing Program:	Hole Size	Depth	Csg. Size	Wt. Grade
	12 1/4"	200'	8 5/8"	24.0# H-40
	7 7/8"	2479	4 1/2"	10.5# J-55

B. Float Equipment: 8 5/8" Surface casing - Sawtooth guide shoe.

4 1/2" Production casing - Guide shoe and self-fill insert valve on 15" shoe joint. Run centralizers on bottom 8 joints.

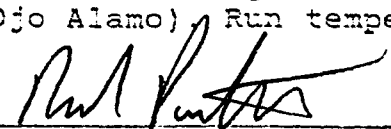
C. Tubing: 2479 feet of 1 1/2" EUE, 2.9#, J-55 tubing.

D. Wellhead Equipment: Hercules 8 5/8" x 4 1/2" 2000 psi casing head assembly complete with casing hanger. 4 1/2" x 1 1/2" tubing head assembly with tubing hanger.

V. Cementing:

8 5/8" Surface casing - 140 sks. of class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (165 cu. ft of slurry, 100% excess to circulate to surface). Test casing, wellhead, and BOP to 600#/30 minutes.

4 1/2" Production casing - precede cement with 5 bbls. water. Cement with 536 sks. 65/35 Class "B" with 6% gel, 2% calcium chloride, 1/2 cu. ft. perlite per sack and 10.3 gallons water per sk. followed by 75 sks. 50/50 Class "B" Poz with 2% gel (1126 cu. ft of slurry, 100% excess to cover Ojo Alamo). Run temperature survey after 12 hours.


Rod Pinkett

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF 080000-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

1. OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR

D.J. SIMMONS

3. ADDRESS OF OPERATOR

P.O. BOX 1469, FARMINGTON, NEW MEXICO 87499

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

872' FNL, 1490' FEL

14. PERMIT NO.

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

5925' GL

8. FARM OR LEASE NAME

A.B. GEREN

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

BASIN FRUITLAND COAL

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

SEC. 26-T29N-R9W

12. COUNTY OR PARISH

SAN JUAN

13. STATE

NEW MEXICO

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☒

(Other) ☐

(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.)*

4-30-90 SPUD WELL AT 8:00 AM 4-30-90. DRILLED TO 217' RAN 5 JTS. 8-5/8" 20# H-40 8 RD CSG. (201.15') SET AT 2015' CEMENTED 135 SX. (160 CU.FT.) CIRC. TO WITHIN 7' OF SURFACE. WOC. CGS WOULD NOT HOLD 600 PSI PRESSURE TEST.

5-02-90 APPLIED FOR REVISION FROM BLM TO PLUG SURFACE CSG AND SKID RIG 12' TO THE SOUTH.

5-03-90 PERMISSION GRANTED BY BLM TO PLUG ORIGINAL HOLE LOCATED AT 860' FNL, 1490' FEL. FILLED 8-5/8" SURFACE CASING W/60 SX. CLASS "B" CEMENT. CUT OFF CASING 4' BELOW GRADED LEVEL AND WELD STEEL PLATE OVER CASING. LOCATION WAS BACKFILLED AND RIG SKIDDED 12' SOUTH TO NEW LOCATION SHOWN ABOVE. TEMPERATURE SURVEY WAS NOT RUN BECAUSE CEMENT WAS CIRCULATED TO SURFACE BOTH INSIDE AND OUTSIDE THE 8-5/8" SURFACE CSG. SUBSEQUENT DETAILS OF NEW WELL ARE SHOWN ON SUNDRY NOTICE DATED 5/15/90

RECEIVED

JUN 6 1990

OIL CON. DIV.
DIST. 3

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

SIGNED

TITLE PETROLEUM ENGINEER

DATE MAY 29, 1990

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

MAY 29 1990

NMOCD

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY

(November 1983)
(Formerly 9-331)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985
(Other instructions on reverse side)

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 080000-A	
2. NAME OF OPERATOR D.J. SIMMONS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 1469, FARMINGTON, N.M. 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 860' FNL, 1490' FEL		8. FARM OR LEASE NAME A.B. GEREN	
14. PERMIT NO.		9. WELL NO. # 5	
15. ELEVATIONS (Show whether OF, ST, GR, etc.) 5925' GL		10. FIELD AND POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 26-T29N-R9W	
		12. COUNTY OR PARISH SAN JUAN	13. STATE N.MEX.

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 COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SPUD WELL

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.)

- 4-30-90 SPUD WELL @ 8:00 AM 4-30-90. DRILLED TO 217' RAN 5 JTS. 8-5/8" 23.0# H-40 8RD CSG. (201.15') SET AT 210.15' CMT'D W/135 SX (160 CU.FT) DID NOT CIRC. WOC 12 HRS. CSG. WOULD NOT HOLD 600 PSI PRESSURE
- 5-02-90 APPLIED AND RECEIVED PERMISSION FROM BLM TO SKID RIG 12 FEET TO THE SOUTH.
- 5-05-90 SPUD WELL 8:00 AM 5-5-90. DRILLED TO 233'. RAN 5 JTS 8-5/8" 24.0# H-40 8RD CSG. (220.80') SET AT 229.80' CMT'D W/140 SX (A65 CU.FT.) CLASS "B" W/1/4 GELFLAKE/SX AND 2% CACL. CIRC. TO SURFACE. WOC 12 HRS. TESTED 600 PSI-30 MIN-HELD O.K.
- 5-11-90 TD 2450. RAN 57 JTS 4-1/2" 10.5# K-55 8RD CSG. (2440.02') SET AT 2449.0 MULTIPLE STAGE CEMENTER SET AT 1615.14' CEMENTED FIRST STAGE W/100 SX (118 CU.FT.) CLASS "B" W/1% CACL. CEMENTED 2ND STAGE W/200 SX 65/35 PO 6% GEL 10% SALT FOLLOWED BY 100 SX CLASS "B" W/1% CACL. (478 CU.FT.) WOC 12 HRS TOC 580'TS

RECEIVED

MAY 29 1990

OIL CON. DIV.,

DIST. 3

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

SIGNED

TITLE

PETROLEUM ENGINEER

DATE

MAY 15, 1990

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

ACCEPTED FOR RECORD

DATE

MAY 25 1990

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

BY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

D.J. SIMMONS

3. ADDRESS OF OPERATOR

P.O. BOX 1469, FARMINGTON, N.M. 87499

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

860 FNL, 1490 FEL

At proposed prod. zone

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

4-1/2 MILES SOUTHEAST OF BLANCO, N.M.

15. DISTANCE FROM PROPOSED*

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

860'

16. NO. OF ACRES IN LEASE

812.28

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 297.31

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

150'

19. PROPOSED DEPTH

2479

20. ROTARY OR CABLE TOOLS

ROTARY

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

5925' GL

22. APPROX. DATE WORK WILL START*

ASAP

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

165 CU.FT. - CIRCULATE

1128 CU.FT. - CIRCULATE

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24.0#	200'
7-7/8"	4-1/2"	10.5#	2479

THE FRUITLAND FORMATION WILL BE COMPLETED

A 3000 PSI WP AND 6000 PSI TEST DOUBLE GATE PREVENTER EQUIPPED WITH
BLIND AND PIPE RAMS WILL BE USED FOR BLOWOUT PREVENTION ON THIS WELL.

THIS GAS IS DEDICATED

THE E/2 AND SECTION 26 IS DEDICATED TO THIS WELL.

RECEIVED

JUN - 5 1989

OIL CONSERVATION DIV.
SANTA FE

RECEIVED

MAY 30 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.

24.

SIGNED

[Signature]

TITLE

PETROLEUM ENGINEER

DATE

4-17-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCC

*See Instructions On Reverse Side

MAY 25 1989

AREA MANAGER

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

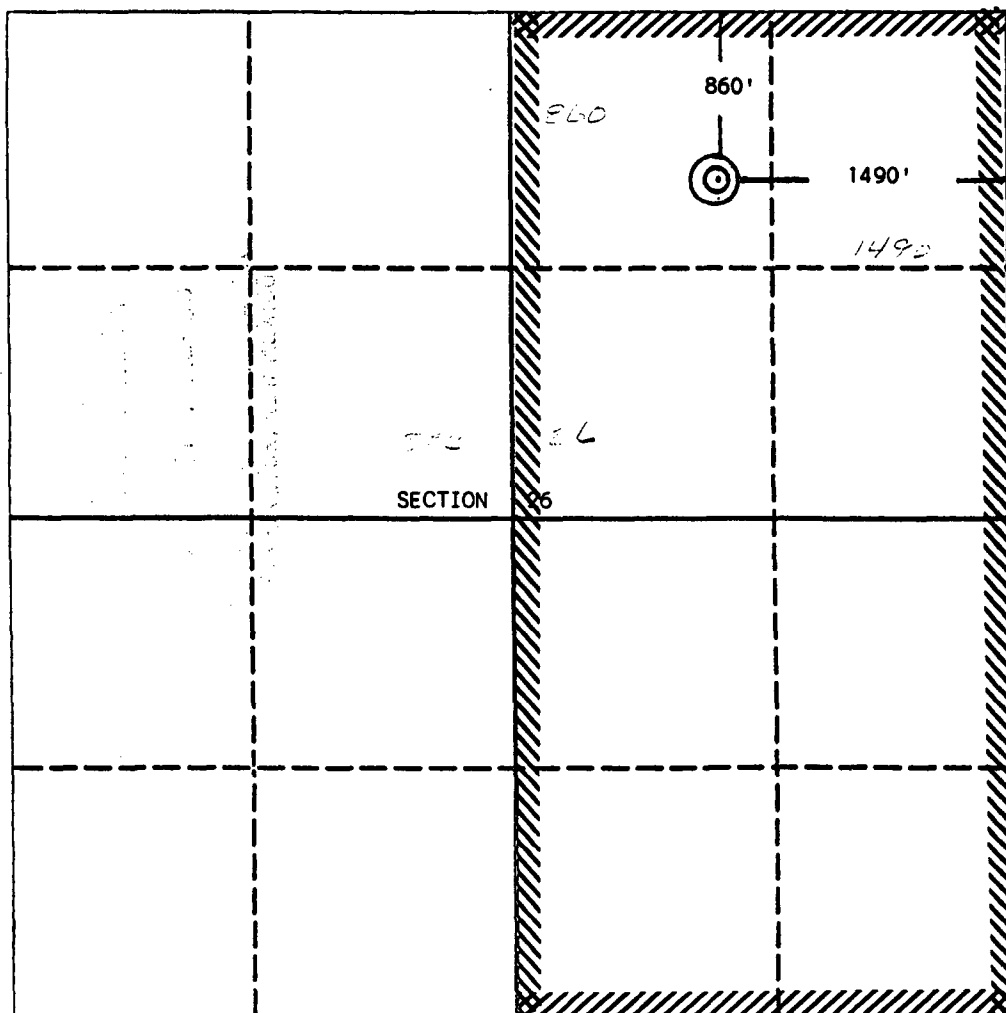
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator D. J. Simmons			Lease A. B. Geren			Well No. 5		
Unit Letter B	Section 26	Township 29 North	Range 9 West		County San Juan			
Actual Footage Location of Well: 860 feet from the North line and 1490 feet from the East line								
Ground level Elev. 5925		Producing Formation FRUITLAND		Pool BASIN FRUITLAND		Dedicated Acreage: 297.31 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
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

ROD PINKETT

Printed Name

PETROLEUM ENGINEER

Position

D. J. SIMMONS CO.

Company

APRIL 14, 1989

Date

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

March 7, 1989

Signature & Seal of
Professional Surveyor

EDGAR L. RISENHOVER
NEW MEXICO
Certificate No. 5979
Edgar L. Risenhover

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address D.J. Simmons, Inc. P.O. Box 1469 Farmington, NM 87499		² OGRID Number 5578
		³ Reason for Filing Code CH, CG, AO
⁴ AFI Number 30 - 0 45-29590	⁵ Pool Name Otera Chacra Ext	⁶ Pool Code
⁷ Property Code 10165	⁸ Property Name A.B. Geren	⁹ Well Number #7

¹² Loc Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
------------------------	-------------------------------------	-----------------------------------	-----------------------------------	------------------------------------	-------------------------------------

II. 10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
0	26	29N	9W		590	South	1750	East	San Juan

11 Bottom Hole Location

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

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
25244	Williams Field Services 188 Rd. 4900 Bloomfield, NM 87410		G	K, sec23, T29N, R9W
9018	Giant Refining P.O.Box 12999 Scottsdale, AZ 85267		O	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description O, Sec. 23, T29N, R9W
-------------------	---

V. Well Completion Data

²⁵ Spud Date 6/9/98	²⁶ Ready Date 7/26/98	²⁷ TD 3342	²⁸ FBTD 3289	²⁹ Perforations 3050-3188	³⁰ DHC, DC, MC
³¹ Hole Size 8 3/4	³² Casing & Tubing Size 7, 23#/FT	³³ Depth Set 145 FT	³⁴ Sacks Cement 170 sx(201 ft3)class B w/4%	Ca	
6 1/4	4 1/2, 10.5 #/ft	3337 FT	190sx(391 ft3)class B w/2%	Ecp	
			73sx(86ft3)class B could not	displace	

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 7/26/98	³⁸ Test Length 3HRS	³⁹ Tbg. Pressure 0	⁴⁰ Csg. Pressure 250
⁴¹ Choke Size 3/4	⁴² Oil	⁴³ Water	⁴⁴ Gas no flow	⁴⁵ AOF no flow	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules 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:

Printed name: John A. Byrom

Title: Operations Manager

Date: 7/28/98

Phone: 505-326-3753

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

SUPERVISOR DISTRICT #3

FEB - 2 1999

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Robert L. Bayless, Prod. LLC

OGRID # 150182

7/28/98

Previous Operator Signature

Printed Name

Title

Date

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address ROBERT L. BAYLESS, PRODUCER LLC PO BOX 168 FARMINGTON, NM 87499		² OGRID Number 150182
		³ Reason for Filing Code NW
⁴ API Number 30 - 045-29590	⁵ Pool Name OTERO CHACRA EXT	⁶ Pool Code
⁷ Property Code	⁸ Property Name A.B. GEREN	⁹ Well Number #7

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	26	29N	9W		590	SOUTH	1750	EAST	SAN JUAN

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
007057	EL PASO NATURAL GAS CO. PO BOX 4990 FARMINGTON NM 87499	2821786	G	K, SEC 23, T29N, R9W

IV. Produced Water

²³ POD 2821787	²⁴ POD ULSTR Location and Description O, SEC 23, T29N, R9W
------------------------------	--

V. Well Completion Data

²⁵ Spud Date 6/9/98	²⁶ Ready Date 7/26/98	²⁷ TD 3342	²⁸ PBDT 3289	²⁹ Perforations 3050 - 3188	³⁰ DHC, DC, MC
³¹ Hole Size 8 1/2	³² Casing & Tubing Size 7, 23 #/FT	³³ Depth Set 145 FT	³⁴ Sacks Cement 170 sx (201 ft3) CLASS B W/ 4% CaCL		
6 1/2	4 1/2, 10.5 #/FT	3337 FT	190 sx (391 ft3) CLASS B W/ 2% Econolite,		
	Tbg - 2 3/4	3161	73 sx (86 ft3) CLASS B - COULD NOT DISPLACE		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 7/26/98	³⁸ Test Length 3 HRS	³⁹ Tbg. Pressure 0	⁴⁰ Csg. Pressure 250
⁴¹ Choke Size 3/4"	⁴² Oil	⁴³ Water	⁴⁴ Gas NO FLOW	⁴⁵ AOF NO FLOW	⁴⁶ Test Method
⁴⁷ I hereby certify that the rules 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: <i>Kevin H. McCord</i>			OIL CONSERVATION DIVISION 8/19/98 Approved by: <i>[Signature]</i> Title: SUPERVISOR DISTRICT #3 Approval Date: AUG 19 1998		
Printed name: Kevin H. McCord			Title: SUPERVISOR DISTRICT #3		
Title: Petroleum Engineer			Approval Date: AUG 19 1998		
Date: 7/27/98			Phone: (505) 326-2659		

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-080247-A	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK WELL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. IF INDIAN, ALLOTTE OR TRIBE NAME NMA	
2. NAME OF OPERATOR ROBERT L. BAYLESS, LLC		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. PO BOX 168 FARMINGTON, NM 87499 (505) 328-2659		8. FARM OR LEASE NAME, WELL NO. A.B. GEREN #7	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) at surface 590 FSL & 1750 FEL at top prod. interval reported below at total depth		9. API WELL NO. 30-045-29590	
14. PERMIT NO.		DATE ISSUED JUL 30 1998	
15. DATE SPUD 6/9/98		16. DATE T.D. REACHED 6/13/98	
17. DATE COMPL. (READY) 7/28/98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 5634 GR	
20. TOTAL DEPTH, MD & TVD 3342 FT		21. PLUG BACK, TD, MD & TVD 3289 FT	
22. IF MULTIPLE COMP. #		23. INT. DRILL. ROTARY TOOLS XX	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION- TOP BOTTOM, NAME (MD & TVD) CHACRA		SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN DUAL INDUCTION-GR-DENSITY-NEUTRON		27. WAS WELL CORED NO	
28. CASING RECORD (REPORT ALL STRINGS SET IN WELL)			
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE
7"	23 #/FT	145 FT	8 3/4"
4 1/2"	10.5 #/FT	3337 FT	6 1/4"
TOP OF CEMENT, CEMENTING RECORD			
170 SKS (201 #3) CLASS B W/ 4% CaCl ₂ CEMENT CIRCULATED			
190 SKS (391 #3) CLASS B W/ 2% EGONOLITE, 1/4 #SX FLOCELE, 3 #SX GILSONITE			
TAILED WITH 73 SKS (86 #3) CLASS B W/ 1/4#SX FLOCELE, 3 #SX GILSONITE - COULD NOT			
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT
NONE			
31. PERFORATION RECORD (INTERVAL, SIZE AND NUMBER)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3050 - 3060	WITH 21 - .34" DIAMETER HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3066 - 3095	WITH 19 - .34" DIAMETER HOLES	3050 - 3188	46,000 GAL 70 QUALITY FOAM, 90,000 LBS 20/40 S
3159 - 3170	WITH 23 - .34" DIAMETER HOLES		
3180 - 3188	WITH 17 - .34" DIAMETER HOLES		
TOTAL 80 - .34" DIAMETER HOLES			
33. PRODUCTION			
DATE FIRST PRODUCTION 7/28/98		PRODUCTION METHOD (FLOWING, GAS LIFT, PUMPING - SIZE AND TYPE OF PUMP) FLOWING	
WELL STATUS SHUT-IN			
DATE OF TEST 7/28/98	HRS. TESTED 3 HRS	CHOKE SIZE 3/4"	PROD'N FOR PERIOD
FLOW, TUBING PRESS 0	CASING PRESS. 250	24HR RATE	OIL-BBL NO FLOW
34. DISPOSITION OF GAS (SOLD, USED FOR FUEL, VENTED, ETC.) SHUT IN WAITING ON GAS CONNECTION		TEST WITNESSED BY ACCEPTED FOR RECORD	
35. LIST OF ATTACHMENTS			

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

SIGNED

Vin H. McLeod

TITLE

Petroleum Engineer

BY

DATE

7/27/98

FARMINGTON DISTRICT OFFICE

NMOC

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
OJO ALAMO	1038	1762	Sandstone - water	Ojo Alamo	1038	1038
FRUITLAND	1762	2074	Sandstone, coal - natural gas	Fruitland	1762	1762
PICTURED CLIFFS	2074	2682	Sandstone - natural gas	Pictured Cliffs	2074	2074
CHACRA	2682	TD	Sandstone - natural gas	Chacra	2682	2682

38.

GEOLOGIC MARKERS

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-080247-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROBERT L. BAYLESS, PRODUCER LLC

3. Address and Telephone No.

PO BOX 168 FARMINGTON, NM 87499 (505)326-2659

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

590 FSL & 1750 FEL

SECTION 26, T29N, R9W

8. Well Name and No.

A.B. GEREN #7

9. API Well No.

30-045-29590

10. Field and Pool, or Exploratory Area

OTERO CHACRA EXT

11. County or Parish, State

SAN JUAN COUNTY, NM

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 CEMENT REPAIR



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.)

PLEASE SEE ATTACHED PROCEDURE

RECEIVED
JUL 13 1998

OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM

98 JUL -8 11:11:42

RECEIVED
M11

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

Signed

Title

ENGINEER

Date

7/7/98

(This space for Federal or State office use)

Approved by

Title

Pet Eng.

Date

7/8/98

Conditions of approval, if any:

AMOCO

A.B. Geren #7
SE/4 Section 26-T29N-R9W
San Juan County, New Mexico

Formation Tops:

Ojo Alamo	1038 feet
Fruitland	1762 feet
Pictured Cliffs	2074 feet
Chacra	2682 feet

Top of cement:

Bond log at 2610 feet

Producing Interval:

3050-3060, 3086-3093, 3159-3170, 3180-3188 feet (Chacra)

Remedial cement procedure:

1. Set wireline bridge at approximately 3000 feet
2. Perforate squeeze holes at 2250 feet
3. Establish circulation to surface
4. Cement backside with the following:
 - 20 bbls flush water
 - 200 sx (416 cf) Class B with 2% econolite, from 1700 feet to surface
 - 75 sx (88.5 cd) Class B, from 2250 feet to 1700 feet
 - 44 bbls fresh water displacement
5. Drill out cement
6. Retrieve bridge plug
7. Return well to production

Cement volumes are as follows:

Lead theoretical = 174 cf

Lead log = 370 cf

Lead pump = 416 cf

Tail theoretical = 56 cf

Tail log = 80 cf

Tail pump = 89 cf

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

ROBERT L. BAYLESS, PRODUCER LLC

3. Address and Telephone No.

PO BOX 168 FARMINGTON, NM 87499 (505)326-2659

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

590 FSL & 1750 FEL
SECTION 26, T29N, R9W

5. Lease Designation and Serial No.

SF-080247-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.

A.B. GEREN #7

9. API Well No.

30-045-29590

10. Field and Pool, or Exploratory Area

OTERO CHACRA EXT

11. County or Parish, State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other TD, LOG, CEMENT

- ☐ 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.)

SEE MORNING REPORT

RECEIVED
JUN 24 1998

OIL CON. DIV.
DIST. 3

RECEIVED
BLM
98 JUN 18 PM 12:57
OTD FARMINGTON, NM

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

Signed [Signature] Title ENGINEER

Date 6/17/98

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

JUN 19 1998

NMOC

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 statements or representations as to any matter within its jurisdiction.

ROBERT L. BAYLESS

A. B. Geren #7
590 FSL & 1750 FEL
SECTION 26, T29N, R9W

MORNING REPORT-DRILLING

6/10/98

Move Aztec #433 to location and rig up. Spud well at 3:00 pm, 6/9/98. Drill 8 3/4" hole to 150 feet. Run survey, deviation 1/2° at 150 feet. Condition hole for casing and trip out. Run 3 joints (135.96 feet) of 7" 23.0 #/ft J-55 LT&C new casing, landed at 145 feet. Rig up Cementers Inc and cement surface casing with 170 sx (201 cf) Class B cement with 4% CaCl and 1/4 pps celloflake. Good returns throughout job with 5 bbls good cement circulated to pit. Plug down at 9:30 pm, 6/9/98. Wait on cement 4 hours, then break off and nipple up. Pick up 6 1/4" bit and trip in hole. Drill cement then new formation to 282 feet.

6/11/98

Continue drilling to 1544 feet. Circulate and condition hole for trip. Trip for Bit #3. Continue drilling to 1667 feet and run survey, deviation 1 1/4° at 1670 feet. Continue drilling to 1977 feet, current rate is 70 feet/hour.

6/12/98

Continue drilling with Bit #3 to 2659 feet. Run survey, deviation 1/2° at 2659 feet. Continue drilling with water and polymer to 3200 feet, current penetration 40 ft/hr.

6/13/98

Continue drilling to 3342 feet, TD at 12:00 noon. Condition hole for logs. Short trip to 3066 feet, trip back in. Circulate 1 hour and run survey. Deviation 1 3/4° at 3342 feet. Trip out for logs. Leave 2 cones in hole. Rig up HLS and log well. Rig down HLS and rig up casing crew to run 75 joints of 4 1/2" 10.5 #/ft J-55 ST&C new Conduvan casing as follows:

KB to landing point	8.50 feet	0 – 9 feet
74 joints casing	3283.51 feet	9 – 3292 feet
Insert float	0.00 feet	3292 – 3292 feet
Shoe joint	44.44 feet	3292 – 3336 feet
Guide shoe	0.70 feet	3336 – 3337 feet
	3337.15 feet	

Centralizers at 3315, 3203, 3114, 3026, 2138, 2005, 1916, 1827, 185 feet

Turbolizers at 1205 and 983 feet

Land casing at 3337 feet and circulate hole for 30 minutes. Rig up Cementers Inc and cement longstring as follows:

Flush	20 bbls fresh water
Lead	190 sx (391 cf) Class B w/ 2% econolite, 1/4 pps flocele, and 3 pps gilsonite
Tail	73 sx (86cf) Class B w/ 1/4 pps flocele and 3 pps gilsonite*
Displace	Could not displace*

Good returns through flush and into lead slurry. At 150 sx (304 cf) of lead, lose returns. Slow pump rate from 4 bpm to 3 bpm and regain full returns. At 45 sx (53 cf) of tail slurry, lose returns. Slow pump rate from 3 bpm to 2.5 bpm, regain full returns. Pumping at 100 psi. *At 73 sx (86 cf) of tail slurry pressure jumped from 100 psi to 2500 psi and cement locked up. Move pipe and pressure up to 4000 psi, cannot move any fluid. Surge fluid back to truck, float holding. Pressure up to 4000 psi and work pipe, fluid will not move. Shut down and break off landing joint, full of cement. Set slips and rig down rig. Wait on completion.

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-080247-A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROBERT L. BAYLESS, PRODUCER LLC

3. Address and Telephone No.

PO BOX 168 FARMINGTON, NM 87499 (505)326-2659

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

590 FSL & 1750 FEL

SECTION 26, T29N, R9W

7. If Unit or CA, Agreement Designation

8. Well Name and No.

A.B. GEREN #7

9. API Well No.

30-045-29590

10. Field and Pool, or Exploratory Area

OTERO CHACRA EXT

11. County or Parish, State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SPUD, RUN CASING, CEMENT SURFACE CASING
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

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

SEE MORNING REPORT

RECEIVED
JUN 19 1998
OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM

58 JUN 11 PM 12:48

RECEIVED
BLM

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

Signed [Signature] Title ENGINEER Date 6/10/98

(This space for Federal or State office use)

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

ACCEPTED FOR RECORD

JUN 16 1998

ROBERT L. BAYLESS

A. B. Geren #7

590 FSL & 1750 FEL

SECTION 26, T29N, R9W

MORNING REPORT-DRILLING

6/10/98

Move Aztec #433 to location and rig up. Spud well at 3:00 pm, 6/9/98. Drill 8 ¾" hole to 150 feet. Run survey, deviation ½° at 150 feet. Condition hole for casing and trip out. Run 3 joints (135.96 feet) of 7" 23.0 #/ft J-55 LT&C new casing, landed at 145 feet. Rig up Cementers Inc and cement surface casing with 170 sx (201 cf) Class B cement with 4% CaCl and ¼ pps celloflake. Good returns throughout job with 5 bbls good cement circulated to pit. Plug down at 9:30 pm, 6/9/98. Wait on cement 4 hours, then break off and nipple up. Pick up 6 ¼" bit and trip in hole. Drill cement then new formation to 282 feet.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROBERT L. BAYLESS, PRODUCER LLC

3. Address and Telephone No.

PO BOX 168 FARMINGTON, NM 87499 (505)326-2659

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

590 FSL & 1750 FEL
SECTION 26, T29N, R9W

5. Lease Designation and Serial No.

SF-080247-A

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.

A.B. GEREN #7

9. API Well No.

30-045-29590

10. Field and Pool, or Exploratory Area

OTERO CHACRA EXT

11. County or Parish, State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☐ Other

- ☐ 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.)

CHANGE CASING PROGRAM TO READ AS FOLLOWS:

7" 23.0#/ft CASING IN 8 3/4" HOLE AT 120 FT 30sx CEMENT.
4 1/2" 10.5#/ft CASING IN 6 1/4" HOLE AT 3310 FT 340sx CEMENT.

RECEIVED
JUN 8 1998
OIL CON. DIV.
DIST. 3

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

Signed [Signature]

Title ENGINEER

Date 5/29/98

(This space for Federal or State office use)

Approved by [Signature]
Conditions of approval, if any:

Title Pet Engineer

Date JUN 9 1998

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

070 FARMINGTON, NM

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ROBERT L. BAYLESS, PRODUCER LLC 150182

3. ADDRESS AND TELEPHONE NO.

PO BOX 168 FARMINGTON, NM 87499 (505)326-2659

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

At surface

590 FSL & 1750 FEL

At proposed prod. zone

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

15. 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

17. NO. OF ACRES ASSIGNED
TO THIS WELL

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

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

3310

ROTARY

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

5646 KB This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3

22. APPROX. DATE WORK WILL START*

ASAP

23. procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	CEMENTING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS
12 1/4	8 5/8 J-55	24.0#/ft	120	80 sx (94.4 cf)
7 7/8	4 1/2 J-55	10.5#/ft	3310	625 sx (895.0 cf)

Will drill 12 1/4" hole to 120 ft and set 120 ft of 8 5/8" 24.0#/ft J-55 casing. Will cement with 80 sx (94.4 cf) class G cement, circulated to surface. Will drill 7 7/8" hole to 3310 ft using clean water, natural mud, and water loss additives. Induction and density logs will be run. Will set 3310 ft 4 1/2" 10.5#/ft J-55 casing. Will cement with 625 sx (895.0 cf) class G cement. No abnormal temperatures or pressures are expected.

ESTIMATED TOPS

Ojo Alamo	1010	
Kirtland	1135	
Fruitland	1785	300 psi
Pictured Cliffs	2085	350 psi
Chacra	3086	400 psi

RECEIVED
APR 29 1998
OIL CON. DIV.
DIST. 3

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

24. SIGNED [Signature] TITLE ENGINEER DATE 3/24/98

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APR 27 1998

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

W. Spencer

APPROVED BY [Signature] TITLE MANAGER DATE APR 27 1998

HOLD 0-104 FOR 05152-20000 See Instructions on Reverse Side

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

RECEIVED
B.M.

98 MAR 26 PM 12:39

070 FARMINGTON, NM

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29590	² Pool Code 82329	³ Pool Name OTERO CHACRA EXT
⁴ Property Code 23254	⁵ Property Name A.B. GEREN	⁶ Well Number 7
⁷ OGRID No. 150182	⁸ Operator Name ROBERT L. BAYLESS	⁹ Elevation 5634

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
15	26	29 N	9 W		590	South	1750	East	San Juan

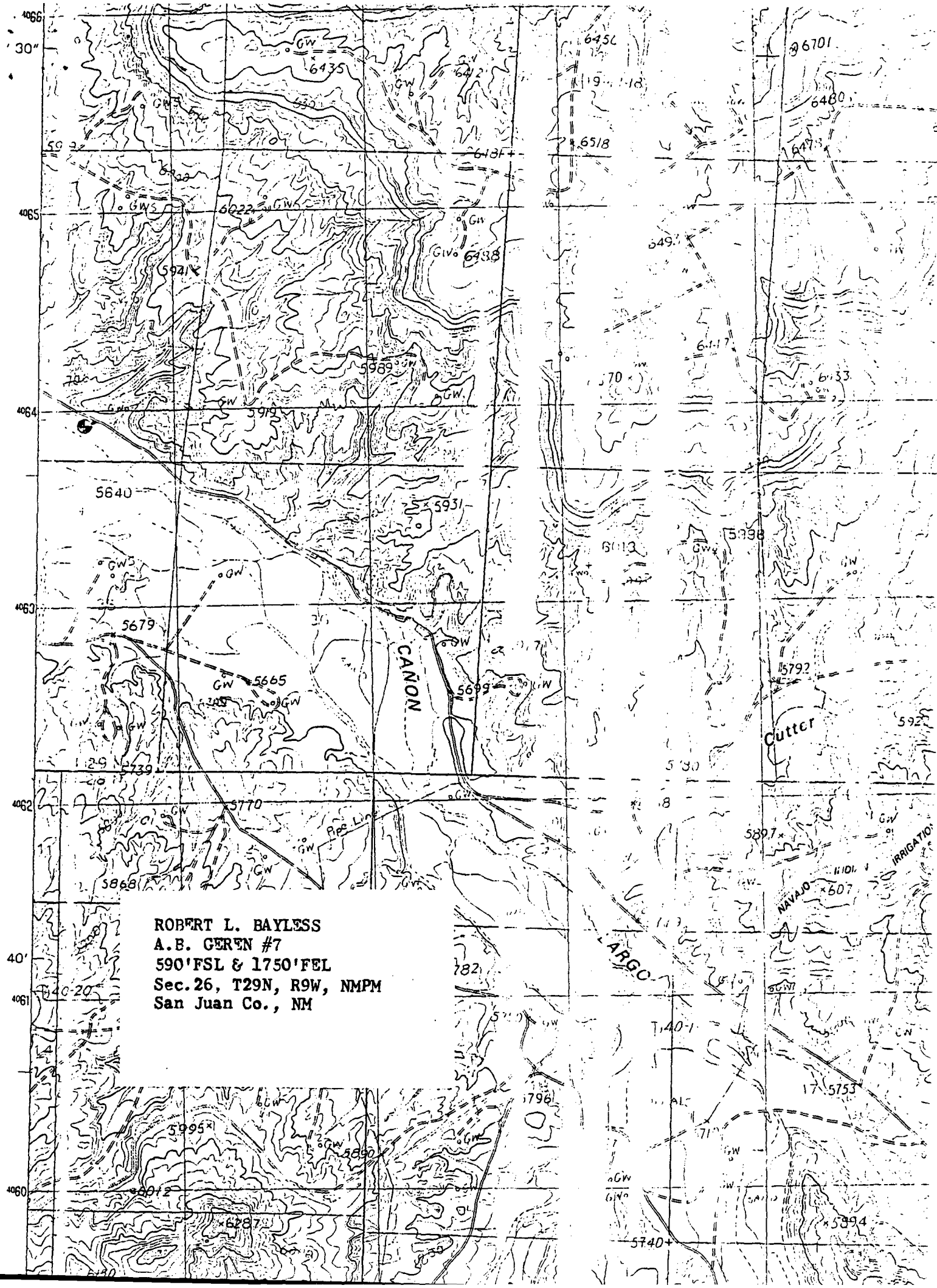
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 151.18	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ FdBC Lot No. (TYP.) 4	3	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature PRICE M. BAYLESS Printed Name ENGINEER Title 3/24/98 Date
5	6	¹⁸ 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 belief. Date of Survey 3 Mar 1998 Signature and Seal of Professional Surveyer William E. Mohnke II Certificate Number 8466
FdBC	SEC.	
12	11	
13	14	



CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

02/23/00 10:23:02
OGOMES -TP1S

API Well No : 30 45 27333 Eff Date : 09-01-1991 WC Status : S
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
OGRID Idn : 5578 D J SIMMONS INC
Prop Idn : 10165 A B GEREN

Well No : 005
GL Elevation: 5925

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: 2	26	29N	09W	FTG 872 F N	FTG 1490 F E	P
Lot Identifier:							
Dedicated Acre:							
Lease Type							
Type of consolidation							

(Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 02/23/00 10:23:08
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TP1S
 Page No : 1

API Well No : 30 45 27333 Eff Date : 04-30-1991
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)
 Prop Idn : 10165 A B GEREN Well No : 005
 Spacing Unit : 5871 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	1	26	29N	09W	36.28	N	FD			
J	10	26	29N	09W	37.44	N	FD			
O	15	26	29N	09W	38.06	N	FD			
P	16	26	29N	09W	38.14	N	FD			
B	2	26	29N	09W	36.16	N	FD			
G	7	26	29N	09W	36.79	N	FD			
H	8	26	29N	09W	36.90	N	FD			
I	9	26	29N	09W	37.54	N	FD			

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

02/23/00 10:24:08
OGOMES -TP1S

API Well No : 30 45 29590 Eff Date : 07-28-1998 WC Status : A
Pool Idn : 82329 OTERO CHACRA (GAS)
OGRID Idn : 5578 D J SIMMONS INC
Prop Idn : 10165 A B GEREN

Well No : 007
GL Elevation: 5634

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: 15	26	29N	09W	FTG 590 F S	FTG 1750 F E	P
Lot Identifier:							
Dedicated Acre:	151.18						
Lease Type	: F						
Type of consolidation	(Comm, Unit, Forced Pooling - C/U/F/O)						

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

June 10, 1998

Robert L. Bayless, Producer L.L.C.
P. O. Box 168
Farmington, New Mexico 87499
Attention: Price M. Bayless

Administrative Order NSL-4053

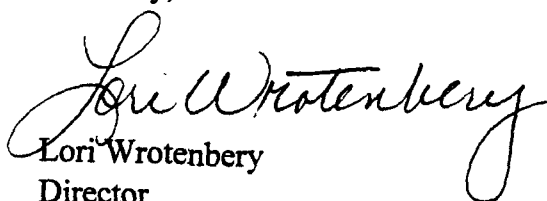
Dear Mr. Bayless:

Reference is made to your application dated May 15, 1998 for a non-standard gas well location for the proposed A. B. Geren Well No. 7 (API No. 30-045-29590) to be drilled 590 feet from the South line and 1750 feet from the East line (Lot 15/Unit O) of Section 26, Township 29 North, Range 9 West, NMPM, to test the Chacra formation, San Juan County, New Mexico. Lots 9, 10, 15, and 16 (SE/4 equivalent) of Section 26 shall be dedicated to the well in order to form a standard 151.18-acre gas spacing and proration unit for the Undesignated Otero-Chacra Pool.

The application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox gas well location is hereby approved.

Sincerely,


Lori Wrotenberg
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington