

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE. Other instructions on the reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other _____		5. Lease Serial No. NM-33015
2. Name of Operator Coleman Oil & Gas, Inc.		6. If Indian, Allottee, or Tribe Name _____
3a. Address P.O. Drawer 3337, Farmington, NM 87499		7. If Unit or CA. Agreement Designation _____
3b. Phone No. (include area code) 505-327-0356		8. Well Name and No. Barbara #1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850' FNL and 790' FWL SEC 15, T26N, R12W, NMPM		9. API Well No. 30-045-29888
		10. Field and Pool, or Exploratory Area WAW Fruitland Sand - PC
		11. County or Parish, State San Juan, NM

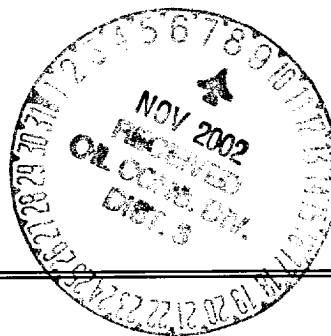
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

Coleman Oil & Gas, Inc. proposes to plug back the WAW Fruitland-PC perforations and recomplete this well as an infill well to the Maria #1 NWNE, Sec 15, T26N 12W.

See attached procedure and C-102 for the Maria #1 and Barbara #1.
Both wells have the same Lease Number, NM-33015.



14. I hereby certify that the foregoing is true and correct.
Name (Printed/ Typed)

MICHAEL T. HANSON

Title

ENGINEER

Signature

Date

October 29, 2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

11/5/02

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

Office

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Fruitland coal for C102 Form

NMOC

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present

productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

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

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c); and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

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

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency -sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, Bureau Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240 and the Office of Management and Budget, Interior Desk Officer, (1004-0135), Office of Information and Regulatory Affairs, Washington, D.C. 20503.

Coleman Oil & Gas, Inc.

Completion Procedure **Basin Fruitland Coal formation**

Monday, October 28, 2002

Well:	Barbara #1	Field:	Basin Fruitland Coal
Location:	1850' fnl & 790' fwl (sw nw) Sec 15, T26N, R12W, NMPM San Juan County, New Mexico	Elevation:	6088' RKB 6084' GL
By:	Michael T. Hanson	Lease:	NM-33015
		AFE No.:	

Procedure: *(Note: This procedure will be adjusted on site based upon actual conditions)*

Squeeze WAW Fruitland Sand – PC (1283-1293)

1. Order in frac & flow back test tanks w/ riser, working external gage & two good 4" valves. Fill frac tanks w/ \pm 380 bbls produced water.
2. MIRU Well Service Rig.
3. Install BOP equipment.
4. POOH with Rods Tubing. Tag up with tubing and clean out to PBTD if needed.
5. RIH with Tension set Squeeze packer and set \pm 200 feet above Pictured Cliffs perforations.
6. Load annulus with clean produced water and pressure test to 500 psig.
7. Establish rate into formation with clean produced water.
8. Mix and spot 75 sacks of regular cement with low fluid loss additive.
9. Establish walking squeeze into PC perforations, stage last two barrels if necessary leaving at least 50-100 feet over perforations.
10. Allow cement to cure 24-48 hours if possible, drill out and pressure test to 500 psig.
11. Set CIBP at \pm 1280 Ft. GL, correlate with Schlumberger Compensated Neutron Log dated April 14, 1999, Nipple down BOP, Install frac valve on top of 4 1/2" casing and pressure test to 2700 psig.
12. Rig down Well Service Rig and move to Denver #1.

Perforate Basin Fruitland Coal

1. MIRU Wireline, and mast truck. Run GR-CL-Correlation log from PBTD at 1374' GL to ± 1000 Ft or above short joint at 1090 - 1112.
2. Perforate Basin Fruitland Coal with 3 $\frac{3}{8}$ " HSD casing gun, 60° phasing per Barbara #1 Compensated Neutron Litho Density Log dated April, 14, 1999 as follows:

1263-1278 ft 13 ft 6 spf 78 holes 0.45" diameter

Total 78 holes with minimum 18" penetration.

Hydraulic Fracture Stimulation

- 1 Order in four frac tanks w/riser, working external gage & two good 4" valves. Fill frac tanks w/ ± 380 barrels of 2% KCL water. Heat frac water for 80 degrees F.
- 2 Rig up Hydraulic Fracture Equipment and Pressure test and hold safety meeting. RU Acid Truck. Spearhead 1000 gal 7.5% HCl Acid w/ inhibitor with additives
- 3 Follow with 11,000 gallons of 20# cross linked gel pad. At ± 9000 gallons of Pad start $\frac{1}{2}$ pound stage and leave $\frac{1}{2}$ pound through remainder of Pad.
- 4 Pump Proppant Laden fluid, 25,400 gallons 20# cross linked gel with 80,000# 20/40 Brady sand $\frac{1}{2}$ to 6# ramp. Flush with 20# Linear Gel, 100 feet above top perforation.
- 5 Record ISIP, 5 minute, 10 minute and 15 minute pressures.
- 6 Rig down hydraulic fracture equipment and move to the Denver #1.
- 7 Flow back well if possible, If not MIRU Well Service Rig

NOTE: Maximum treating pressure 2700 psig.

Install Production Tubing

1. RIH with 2 $\frac{3}{8}$ " tubing, Drill out CIBP and clean out to PBTD.
2. Land tubing at 1430' GL, $\pm 30'$ below Pictured Cliffs perforations w/ SN, PS and MA on bottom. Nipple down BOPs, nipple up wellhead.
3. Run rods and pump. Put well on to production.

Attachments:

AFE

1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

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

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

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

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

98 AUG 17 PM 1:21

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name
		71629	BASIN FRUITLAND COAL GAS
*Property Code	*Property Name		*Well Number
	MARIA		1
*GRID No.	*Operator Name		*Elevation
37581	THOMPSON ENGINEERING AND PRODUCTION CORPORATION		6128'

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	15	26N	12W		790	North	1850	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	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

<p>15</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>Brian Wood</i></p> <p>Printed Name: BRIAN WOOD</p> <p>Title: CONSULTANT</p> <p>Date: APRIL 10, 1998</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: OCTOBER 20, 1997</p> <p>Signature: <i>Neal C. Edwards</i></p> <p>Seal: NEAL C. EDWARDS, NEW MEXICO, 6857, REGISTERED PROFESSIONAL SURVEYOR</p> <p>Certificate Number: 6857</p>

Act I
Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

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

98 AUG 17 PM 1:21

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code	*Pool Name
		87190	WAW FRUITLAND SAND-PC
*Property Code	*Property Name		*Well Number
	BARBARA		1
*GRID No.	*Operator Name		*Elevation
37581	THOMPSON ENGINEERING AND PRODUCTION CORPORATION		6084'

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
E	15	26N	12W		1850	North	790	West	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		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 5278.68'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature BRIAN WOOD Printed Name CONSULTANT Title APRIL 11, 1998 Date
	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. OCTOBER 20, 1997 Date of Survey Signature and Seal of Professional Surveyor Certificate Number	