

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NOOC14203629

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

7. If Unit or CA/Agreement, Name and/or No.
NMM102955

8. Well Name and No.
CARDINAL COM 1

9. API Well No.
30-045-29932-00-S1

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

2. Name of Operator Contact: MICHAEL T HANSON
COLEMAN OIL & GAS INCORPORATED Mail: mhanson@cog-fmn.com

3a. Address FARMINGTON, NM 87499
3b. Phone No. (include area code)
Ph: 505-327-0356 Ext: 106
Fx: 505-327-9425

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 24 T26N R12W SWNE 1760FNL 1665FEL

OIL CONS. DIV DIST. 3
OCT 21 2016

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

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

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

Coleman Oil & Gas proposes to P&A this well per the attached procedure, Reclamation Plan and Field Sketch.

**BE ATTACHED FOR
CONDITIONS OF APPROVAL**

Notify NMOCD 24 hrs
prior to beginning
operations

**BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS**

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #354709 verified by the BLM Well Information System
For COLEMAN OIL & GAS INCORPORATED, sent to the Farmington
Committed to AFMSS for processing by ABDELGADIR ELMADANI on 10/17/2016 (17AE0006SE)

Name (Printed/Typed) MICHAEL T HANSON

Title ENGINEER

Signature (Electronic Submission)

Date 10/13/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ABDELGADIR ELMADANI

Title PETROLEUM ENGINEER

Date 10/17/2016

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

Office Farmington

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

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

NMOCD

Coleman Oil & Gas, Inc.

Final P&A Procedure Basin Fruitland Coal Formation

Thursday, October 13, 2016

Well:	Cardinal Com #1	Field: Basin Fruitland Coal
	SL Location: 1760' FNL1665' FEL (SWNE)	Elevation: 6045' RKB
	Sec 24, T26N, R12W, NMPM	6040' GL
	San Juan County, New Mexico	Lease: NOOC14203629
		API#: 30-045-29932

Fruitland Coal: 1172-1190, Producing.
Original PBTB at 1325 FT GL

Procedure: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

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

1. Review and Comply with Regulatory Requirements.
2. MIRU Well Service Rig and Equipment.
3. POOH with Rods & Pump.
4. Nipple up BOP equipment. Function test BOP.
5. Tag with Production Tubing. POOH and Tally Tubing.
6. RIH with Cement Retainer on tubing and set at \pm 1122 FT KB.
7. Place Minimum 10 sacks cement on top of retainer. **Might want to combine Plug #1 & Plug #2, due to close proximity of each other.**
8. Plug #2 Cement Fruitland Top from 879'-979' Inside 4 1/2" Casing with 12 sacks neat cement. Plug #2 inside plug based on Long String Cement to Surface. **Might want to combine Plug #1 & Plug #2, due to close proximity of each other.**
9. Attempt to pressure test Braden head annulus to 300 psig, note volume to load.
10. Plug #3 Cement Kirtland and Ojo Alamo Top and Surface Casing, 320' to surface. Fill the inside of the 4 1/2" casing from 323' to Surface.
11. Cut off well head and top off casing and annulus as necessary with cement.
12. Install dry hole marker, remove production equipment and reclaim location.

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	144'					
Kirtland	270'					
Fruitland	929'					
Pictured Cliffs	1194'					
T.D.	1380'					

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Oil Well Gas Well Other

2. Name of Operator
COLEMAN OIL & GAS, INC.

3a. Address
P O Drawer 3337, Farmington, NM 87499-3337

3b. Phone No. (include area code)
(505) 327-0356

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1760' FNL and 1665' FEL, Section 24, T26N, R12W

5. Lease Serial No.
NOO-C-14-20-3629

6. If Indian, Allottee or Tribe Name
Navajo Allotted

7. If Unit or CA/Agreement, Name and/or No.
070 FARMINGTON OIL UNIT

8. Well Name and No.
Cardinal Com #1

9. API Well No.
30-045-29932

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

11. County or Parish, State
San Juan County, NM

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

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

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

SPUD WELL MARCH 09, 2000 @ 10:30 AM. DRILLED 8 3/4" HOLE TO 140 FT. GL. RAN 3 JTS OF 7" 20# J-55 ST&C NEW CASING. RAN A TOTAL FOOTAGE OF 130.20 FT. AND LANDED @ 131.20 FT. GL. CEMENTED W/ 55 SACKS CLASS B W/ 2% CALCIUM CHLORIDE AND 1/4# PER SACK CELLOFLAKE. CIRCULATED 5 BARRELS OF CEMENT TO RESERVE PIT. NIPPLED UP BOB AND MANIFOLD. PRESSURE TESTED BOP, MANIFOLD AND CASING TO 800 PSIG. DRILLED 6 1/4" HOLE TO 1380 FT. GL. TD WELL @ 1380 FT. GL. @ 4:30 AM ON MARCH 11, 2000. RAN A TOTAL OF 31 JTS 4 1/2" 10.50#/FT ST&C J-55. LANDED CASING AT 1370.85 FT. GL. CEMENTED W/ 110 SACKS CLASS B W/ 2% METOSILICATE, 1/4# PER SACK CELLOFLAKE. TAILED W/ 50 SACKS CLASS B W/ 1/4# PER SACK CELLOFLAKE AND 2% CALCIUM CHLORIDE. CIRCULATED 2 BBLs OF CEMENT TO SURFACE.

NO OPEN HOLE LOGS RAN

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

Name (Printed/Typed) **(MICHAEL T. HANSON)** Title **ENGINEER**

Signature *Michael T. Hanson* Date **March 30, 2000**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title _____ Date **APR 13 2000**

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

Office **FARMINGTON OFFICE**

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.

(Instructions on reverse)

OPERATOR

**COLEMAN OIL GAS, INC.
CARDINAL COM #1 PRODUCING**

SURFACE CASING
7" 20# J-55 LT&C @ 131 FT GL
CEMENTED WITH 55 SXS
CLASS B W/ 2% CAL CL 1/4 #/SX

PRODUCTION CASING
4-1/2" 10.50# J-55 LT&C @ 1371 FT GL
CEMENTED WITH 110 SXS LITE
TAIL WITH 50 SACKS REG.

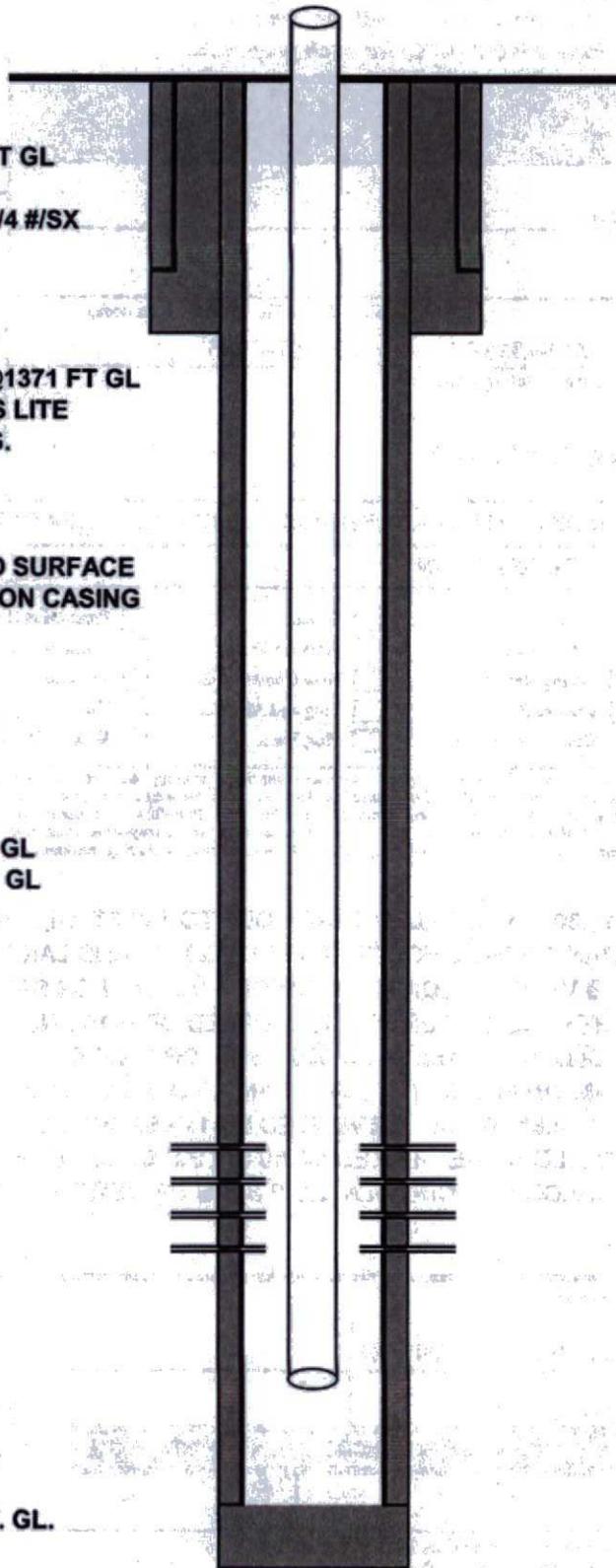
**CEMENT CIRCULATED TO SURFACE
ON SUFACE & PRODUCTION CASING**

TUBING STRING
39 JTS 2-3/8 TBG 1255 FT
SEATING NIPPLE
1 JT 2-3/8 MA 17 FT.

Seating Nipple @ 1255 FT GL
Bottom of TBG @ 1273 FT GL

Fruitland Coal
Perforations @ 1172-1190

PBD @ 1325' FT. GL.
PIPE LANDED @ 1371' FT. GL.
T.D. @ 1380' FT. GL.



**COLEMAN OIL GAS, INC.
CARDINAL COM #1 PROPOSED P&A**

SURFACE CASING
7" 20# J-55 LT&C @ 131 FT GL
CEMENTED WITH 55 SXS
CLASS B W/ 2% CAL CL 1/4 #/SX

Plug #3 0-320
7" Set @ 131 FT GL
50 Sacks Cement

PRODUCTION CASING
4-1/2" 10.50# J-55 LT&C @ 1371 FT GL
CEMENTED WITH 110 SXS LITE
TAIL WITH 50 SACKS REG.

**CEMENT CIRCULATED TO SURFACE
ON SURFACE & PRODUCTION CASING**

TUBING STRING
39 JTS 2-3/8 TBG 1255 FT
SEATING NIPPLE
1 JT 2-3/8 MA 17 FT.

Seating Nipple @ 1255 FT GL
Bottom of TBG @ 1273 FT GL

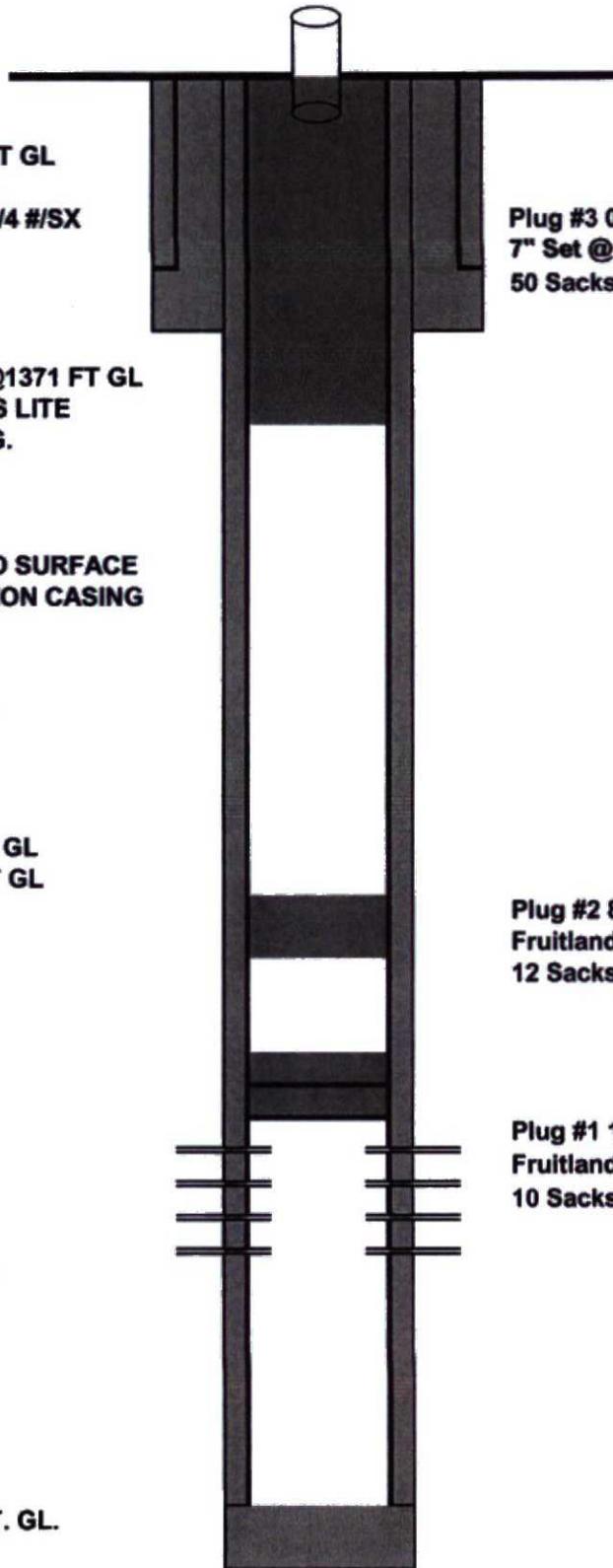
Plug #2 879-979
Fruitland Top @ 929'
12 Sacks Cement

Retainer @ 1122

**Fruitland Coal
Perforations @ 1172-1190**

Plug #1 1072-1122
Fruitland Coal Perforations
10 Sacks Cement

PBTD @ 1325' FT. GL.
PIPE LANDED @ 1371' FT. GL.
T.D. @ 1380' FT. GL.



COMPANY: COLEMAN OIL & GAS

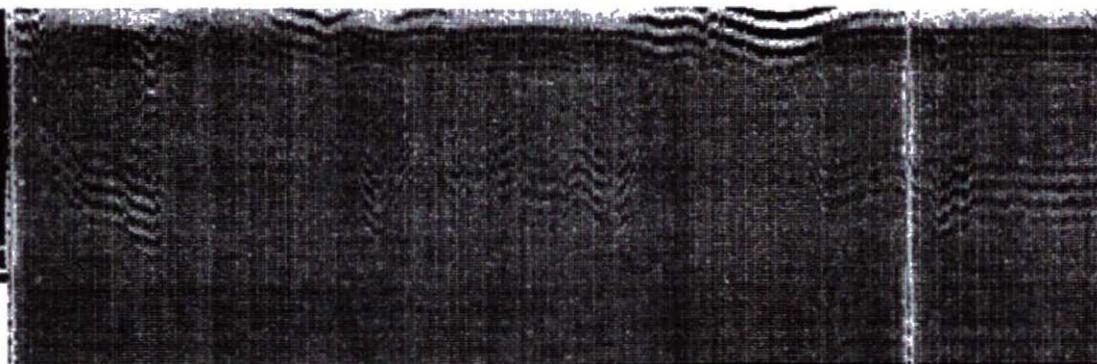
WELL: CARDINAL COM #1

FIELD: BASIN

COUNTY: SAN JUAN STATE: NEW MEXICO

Schlumberger

CEMENT BOND LOG

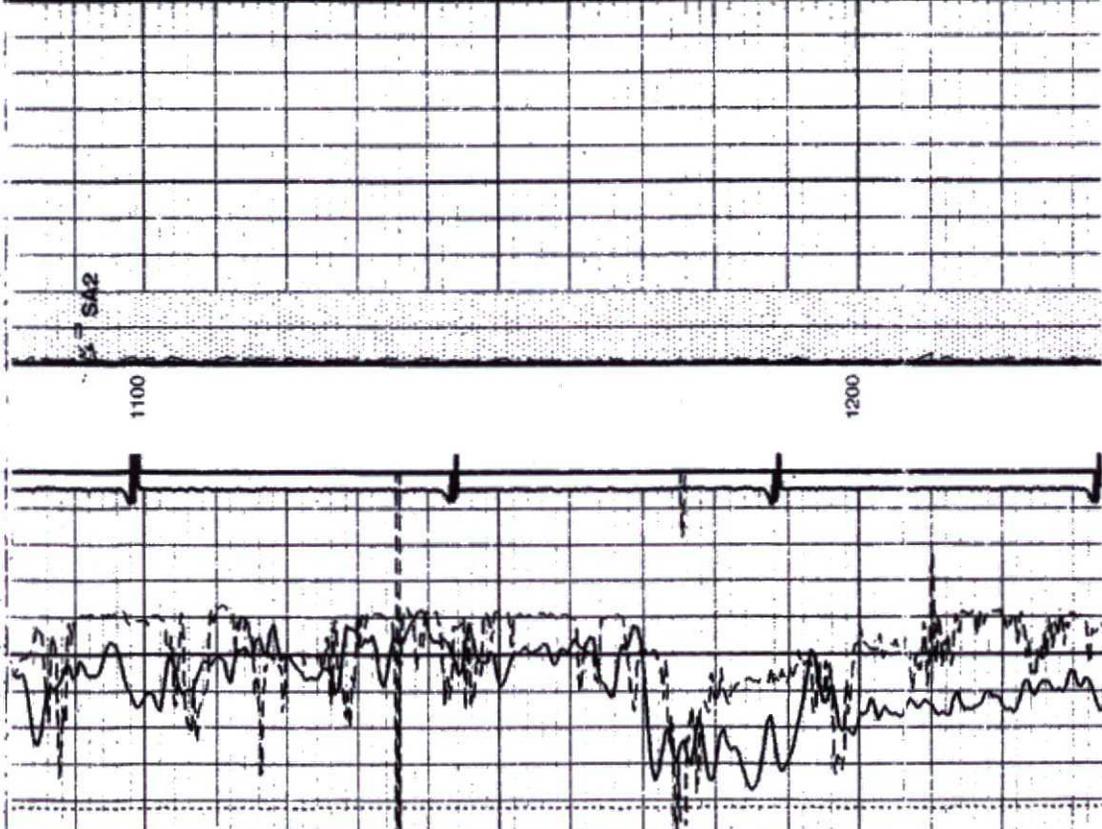


COUNTY: SAN JUAN
Field: BASIN
Location: 1760 FNL & 1665 FEL
Well: CARDINAL COM #1
Company: COLEMAN OIL & GAS
LOCATION

1760 FNL & 1665 FEL	Elev. KB 6031 ft
	GL 6031 ft
	GP
Permanent Datum: GROUND LEVEL	Elev. 6031 ft
Log Measured From: GL	0.0 ft above Perm. Datum
Drilling Measured From: GL	

API Serial No. 30-C45-29932	SECTION 24	TOWNSHIP 26 N	RANGE 12 W
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Logging Date	15-MAR-2000
Run Number	
Depth	1325 ft
Schlumberger Depth	1320 ft
Bottom Log Interval	1322 ft
Top Log Interval	131 ft
Casing Fluid Type	WATER
Sandy	
Density	
Fluid Level	0 ft
BIT/CASING/TUBING STRING	
Bit Size	6.250 in
From	
To	
Casing/Tubing Size	4.500 in
Weight	10.5 lbm/ft
Grade	J-55
From	0 ft
To	1371 ft
Maximum Recorded Temperature	
Logger On Bottom Time	15-MAR-2000 12:30
Unit Number	151 FARMINGTON
Recorded By	BEN SANDERS
Witnessed By	MIKE HANSON



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well. Cardinal Com 1

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modification to your plugging program are to be made:
 - a) Combine Plug #1 and Plug #2 (1242' – 848') ft. to cover both the Pictured Cliffs and Fruitland. BLM picks top of Fruitland at 898 ft and Pictured Cliffs at 1192 ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.