

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
Chateau Oil & Gas Inc

3. Address & Phone No. of Operator  
5802 Highway #64, Farmington, NM 87401

4. Location of Well, Footage, Sec., T, R, M  
990' FSL, 1712 FWL, <sup>H</sup> Sec. 26, T-32-N, R-13-W, NMPM, San Juan County

5. Lease Number  
Fee

6. State Oil & Gas Lease #

7. Lease Name/Unit Name  
Ripley

8. Well No.  
#1

9. Pool Name or Wildcat  
Blanco Mesaverde & Dak

10. Elevation: 5956'

RECEIVED  
MAY 16 1997

OIL CON. DIV.  
DIST. 3

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Re-entry and Abandonment	

13. Describe Proposed or Completed Operations

Chateau Oil & Gas Inc., proposes to re-enter this well per the attached procedure. The goal of this re-entry is to investigate the cause, determine the source and then seal off the gas which has been observed around the P&A Marker.

The attached diagram shows how this well was plugged in May 1994.

SIGNATURE

*Chester L. Deal*  
Chester Deal

Production Superintendent

April 10, 1997  
505-632-8056

(This space for State Use)

Approved by

*Johnny Robinson*

Title

DEPUTY OIL & GAS INSPECTOR, DIST. #1

Date

MAY 16 1997

\* Noise Log Will Determine Depth of Re-entry

## **RE-ENTRY & ABANDONMENT PROCEDURE**

4/10/97

**Ripley #1-26**  
**Dakota/Mesaverde Well**  
**990' FSL and 1712' FWL**  
**SW, Section 26, T-32-N, R-13-W**  
**San Juan County, NM**

**Note:** All cement volumes use 100% excess outside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Chateau safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Dig out 8-5/8" casing and weld on a casing head. NU 11" BOP and test. NU relief line and drilling equipment.
3. Tally 2-3/8" or 2-7/8" tubing work string and 6 3 1/8" drill collars. PU 6-1/4" bit, bit sub and drill collar and drill out surface cement plug from 0 to 233' in 7" casing.
4. After drilling out surface plug cement, RIH and tag Fruitland cement plug at approximately 1560' (top of Fruitland Formation at 1580' and first coal zone is at \_\_\_\_\_'). Drill cement to first coal zone. Circulate casing clean and then pressure test casing to 500# for 15 minutes, record bleed down. POH with bit and workstring.
5. Rig up a wireline unit and run a Noise Log from COTD to surface. Evaluate log to determine if there is annular flow behind the casing.
6. Perform remedial cement job based on noise log evaluation. Possible procedure would be to perforate at 5' above COTD, set a cement retainer 20' above and squeeze with a 200' annular cement volume and leave no cement on the retainer. Then repeat step 5 to determine effectiveness of squeeze. If satisfactory, then cap retainer with 50' of cement and replace surface plug from 233' to surface.
7. WOC and the ND BOP and remove casing head. Fill casing as necessary and install P&A marker with cement. RD and move off location. Restore location as necessary.

# Ripley #1-26

As Plugged May 10, 1994

Dakota / Mesaverde

SW Section 28, T-32-N, R-13-W, San Juan County, NM

Today's Date: 4/10/97

Spud: 12/20/59

Completed: 2/2/60

Elevation: 5944' GL  
5956' KB

P&A: 5/10/94

17-1/2" Hole

Install P&A Marker with 30  
sxs Class B Cmt

10-3/4" 32.75#, H-40 Csg set @ 183'  
Cmt w/ 175 sxs (Circulated to Surface)

Perforate @ 233'

Plug #4 233' - Surface  
Cmt with 135 sxs Class B,  
calculate 94 sxs, no excess.

Fruitland @ 1580'

Plug #3 2190' - 1560'  
Cmt with 230 sxs Class B,  
120 sxs below retainer and  
110 sxs above.

Casing PT to 500#

Pictured Cliffs @ 2140'

Cmt Retainer @ 2131'

Perforate @ 2190'

TOC @ 3180' (TS)

Plug #2 3879' - 3697'  
Cmt with 35 sxs Class B  
above retainer

Mesaverde @ 3751'

Cmt Retainer @ 3879'

Mesaverde Perforations:  
4605' - 4725'

Plug #1 4725' - 3879'  
Cmt with 120 sxs Class B  
below retainer

Baker Model "D" Pkr

4-1/2" Liner Top @ 4877'

7" 20 & 23#, J-55 Casing @ 4899'  
Cemented with 303 cf

9" hole

TOC @ 5224' (Calc, 75%)

Gallup @ 5300'

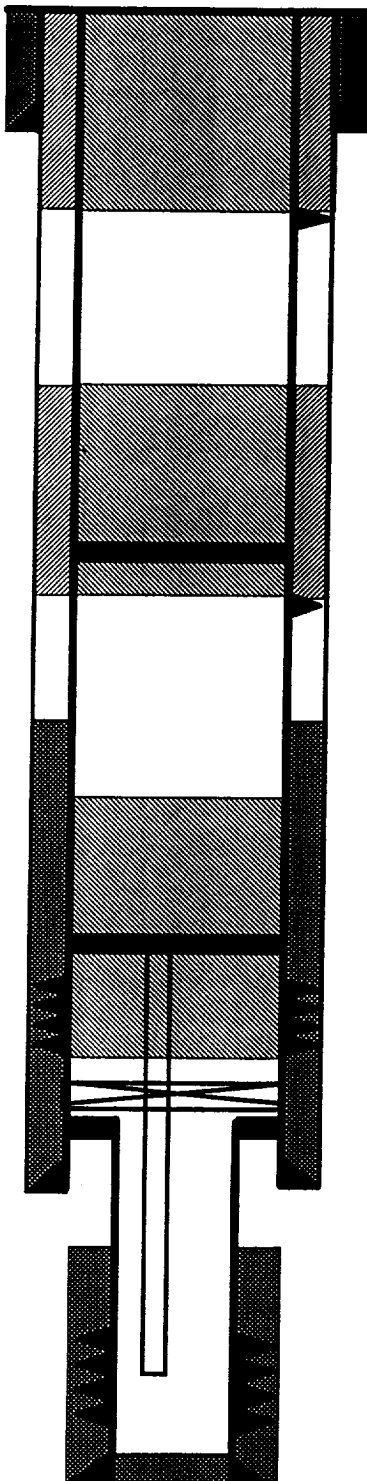
Dakota Perforations:  
6828' - 7027'

Dakota @ 6826'

4-1/2" 9.5# J-55 Liner set @ 7072'  
303 cf

6-1/8" Hole

TD 7084'





2030 Afton Place  
Farmington, N.M. 87401  
(505) 325-6622

Analysis No. CHA70122  
Cust. No. 71700-10205

## WELL/LEASE INFORMATION

Company : CHATEAU OIL & GAS  
Well Name : RIPLEY 1  
County : SAN JUAN  
State : NM  
Location :  
Fld/Formation :  
Cust.Stn.No. :

Source : BRADENHEAD  
Pressure : 16 PSIG  
Sample Temp. : N/A DEG.F  
Well Flowing : NO  
Date Sampled : 04/15/97  
Sampled By : BOB DURBIN  
Foreman/Engr :

Remarks:

## ANALYSIS

COMPONENT	MOLE %	GPM**	B.T.U.*	SP.GR.*
NITROGEN	2.904	0.0000	0.00	0.0281
CO2	0.028	0.0000	0.00	0.0004
METHANE	87.951	0.0000	890.33	0.4872
ETHANE	3.434	0.9186	60.91	0.0357
PROPANE	3.240	0.8929	81.71	0.0493
I-BUTANE	1.325	0.4334	43.19	0.0266
N-BUTANE	0.581	0.1832	19.00	0.0117
I-PENTANE	0.307	0.1123	12.31	0.0076
N-PENTANE	0.075	0.0272	3.01	0.0019
HEXANES	0.155	0.0676	7.97	0.0050
TOTAL	100.000	2.6352	1118.43	0.6534

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\* @ 14.730 & 60 DEG. F

COMPRESSIBILITY FACTOR (1/Z) 1.0027  
BTU/CU.FT. (DRY) CORRECTED FOR (1/Z) 1121.4  
BTU/CU.FT. (WET) CORRECTED FOR (1/Z) 1101.9  
REAL SPECIFIC GRAVITY 0.6549

ANALYSIS RUN AT 14.730 PSIA & 60 DEGREES F

CYLINDER # : WIA-2358  
CYLINDER PRESSURE : 16 PSIG  
DATE RUN : 04/15/97  
ANALYSIS RUN BY : DAVE MARTIN