

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMBNO 1004-0137  
Expires: March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No SF-078511																			
b Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr, Other _____		6. If Indian, Allottee or Tribe Name NA																			
2 Name of Operator <b>Koch Exploration Company, LLC</b>		7. Unit or CA Agreement Name and No NA																			
3. Address <b>PO Box 489, Aztec, NM 87410</b>		8. Lease Name and Well No <b>Quinn 338T</b>																			
3a. Phone No (include area code) <b>505-334-9111</b>		9. AFI Well No. <b>30-045-34420-0051</b>																			
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>1711' FNL &amp; 898' FWL, Lat 36.900395 N, Long 107.719875 W</b> At top prod interval reported below <b>same</b> At total depth <b>same</b>		10. Field and Pool, or Exploratory <b>Basin Fruitland Coal</b>																			
14 Date Spudded <b>10/31/2007</b>		15. Date T D Reached <b>11/05/2007</b>																			
16 Date Completed <b>11/05/2007</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17. Elevations (DF, RKB, RT, GL)* <b>6441' GL</b>																			
18. Total Depth MD <b>3403'</b> TVD		19. Plug Back T D MD <b>3403'</b> TVD																			
20. Depth Bridge Plug Set MD <b>NA</b> TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>Mud Log</b>																			
22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		23 Casing and Liner Record (Report all strings set in well)																			
Hole Size		Size/Grade		Wt (#/ft)		Top (MD)		Bottom (MD)		Stage Cementer Depth		No. of Sks & Type of Cement		Slurry Vol (BBL)		Cement Top*		Amount Pulled			
12 1/4"		9 5/8"		36#		0'		379'		NA		200 Class A		42.07		Surface		25 BBLs			
8 3/4"		7"		23#		0'		2949'		NA		524 Prem Lite		184.51		Surface		25 BBLs			
6 1/4"		5 1/2"		15.5#		2917'		3392'		NA		NA		NA		NA		NA			
24 Tubing Record		Size		Depth Set (MD)		Packer Depth (MD)		Size		Depth Set (MD)		Packer Depth (MD)		Size		Depth Set (MD)		Packer Depth (MD)			
2 3/8"		3350'																			
25 Producing Intervals		Formation		Top		Bottom		Perforated Interval		Size		No Holes		Perf. Status							
A) Fruitland Coal		2926'		3303'		3112'-3115' 3119'-3134'		.65"		2SPF-36		Open									
B)						3141'-3286'		.65"		4SPF-192		Open									
C)																					
D)																					
27 Acid, Fracture, Treatment, Cement Squeeze, etc		Depth Interval		Amount and Type of Material																	
28 Production - Interval A		Date First Produced		Test Date		Hours Tested		Test Production		Oil BBL		Gas MCF		Water BBL		Oil Gravity Corr API		Gas Gravity		Production Method	
11/05/2007		11/15/2007		1 hr		→		0		21		0.42		NA		Not Tested		Flowing			
Choke Size		Tbg Press Flwg SI		Csg Press		24 Hr Rate		Oil BBL		Gas MCF		Water BBL		Gas/Oil Ratio		Well Status					
2"		NA		101 psi		→		0		500		10		NA		Shut-In waiting on Approved C-104					
28a Production - Interval B		Date First Produced		Test Date		Hours Tested		Test Production		Oil BBL		Gas MCF		Water BBL		Oil Gravity Corr API		Gas Gravity		Production Method	
Choke Size		Tbg Press Flwg SI		Csg Press		24 Hr Rate		Oil BBL		Gas MCF		Water BBL		Gas/Oil Ratio		Well Status					

\*(See instructions and spaces for additional data on page 2)

RCVD NOV 27 '07  
OIL CONS. DIV.  
DIST. 3

ACCEPTED FOR RECORD

NOV 27 '07

FARMINGTON FIELD OFFICE  
BY JL Salyers

NMOC

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

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.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Ojo Alamo Kirtland Shale Fruitland Coal Pictured Cliffs	2066' 2116' 2926' 3303'

32. Additional remarks (include plugging procedure):

On 11/16/2007 we ran a Fluid Level Test on this well. Test revealed fluid echo @ 3060', 52' above the top of the perforations, and the calculated Static Bottom Hole Pressure is ~176psi.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
 ☐ Core Analysis   
☒ Other: Fluid Level Test

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) John ClarkTitle District Superintendent

Signature

Date 11/19/2007

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.



# **Total Well Analysis**

**Detailed Analysis and Diagnosis of Data Obtained From Field Tests  
at the**

## **Quinn # 338T**

November 16, 2007

The following report is a detailed breakdown of the raw field data obtained by Pumps and Service for Koch Exploration Company, LLC, on Thursday, November 15, 2007.

### **Results of Fluid Level Tests:**

This is a new drill, not yet in production. The fluid level echo is approximately 3060 ft. from the surface. At the time of this test, the casing head pressure was 101 psi. and the gas column pressure was 109 psi. The pressure build-up test showed an actual buildup of 0.1 psi/min.

### **Down Hole Data:**

The perforations run from 3112'-3302' and the EOT is at 3350'.

### **Findings:**

The tests revealed a fluid echo @ 3060 ft., which is 52 ft. above the top of the perforations. The calculated Static Bottom Hole Pressure (SBHP) is approximately 176 psi. Pumps and Service would like to thank you for your business and we look forward to assisting you in keeping your wells running at peak performance.

Sincerely,  
Bruce Martin

*Total Well Analysis performed by Pumps and Service, Farmington, NM  
Bruce Martin - Well Optimization Technician  
(505) 327-6138*

