

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

AUG 28 2012

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

Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2010 Afton Place, Farmington, NM 87401

3b. Phone No. (include area code)

(505) 325-6800

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

SHL: 1630' FNL, 790' FWL (E)

Sec. 32 T32N, R4W

5. Lease Serial No.

NM 28277

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No

Carracas Unit 32 B#5

9. API Well No.

30-039-24408

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

Rio Arriba NM

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

TYPE OF SUBMISSION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon

Annual BHP Report

☐ Convert to Injection☐ Plug Back☐ 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 recompleat 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 recompleat 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 final site is ready for final inspection.)

Energen converted the subject well to POW on 9/28/2009- part of the requirement for POW status is annual BHP reports - attached to this subsequent report is a chart showing our data obtained begining in 2011 through 2012.

This report allows Energen to continue with POW status on the well until next reporting period end date of September 28, 2013.

BHP = 1032.6 psia BHT = 129.4

RCVD AUG 30 '12
OIL CONS. DIV.
DIST. 3

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

Anna Stotts

Title Regulatory Analyst

Signature

Date 8/27/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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 FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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

Static Gradient Report

Oil Company: ENERGEN RESOURCES
Well Name: CARRACAS UNIT 32 B 5
Well Location: T32N, R4W, SEC. 32
Field: FRUITLAND COAL
Formation: FRUITLAND COAL
On Bottom Time: 11/19/11 @ 1135 HRS
Off Bottom Time: 5/5/12 @

OIL COMPANY INFORMATION

Oil Company: ENERGEN RESOURCES
Address: FARMINGTON, NM

WELL INFORMATION

Well Name: CARRACAS UNIT 32 B 5
Well Location: T32N, R4W, SEC. 32
Field: FRUITLAND COAL
Pool:
Formation: FRUITLAND COAL
Well Licence Number:
Well Fluid Status: 02 Gas
Well Mode Status: 07 Standing(Drilled & Cased)
Well Type Status: 05 Observation
Well Type Indicator: Vertical
Production Interval(KB) From: TO
KB Elevation: CF Elevation: Ground Elevation:
Pool Datum: Datum Depth: 0
Producing Through: Tubing
O.H. Diameter:
Casing Liner Diameter:
PBSD:
Total Depth:
Tubing Depth:
Tubing OD.: 2 3/8 Tubing ID.:
Casing OD.: Casing ID.:

TEST INFORMATION

Type Of Test: Static Gradient
Initial Tubing Pressure: Final Tubing Pressure:
Initial Casing Pressure: Final Casing Pressure:
Shut in Time:

GAUGE INFORMATION

Serial Number: 5448
Pressure Range: 323
Calibration Date: APR 13/11
Gauge Started: Gauge Stopped:
On Bottom Time: 11/19/11 @ 1135 HRS Off Bottom Time: 5/5/12 @
Run Depth Bottom (KB): 3858

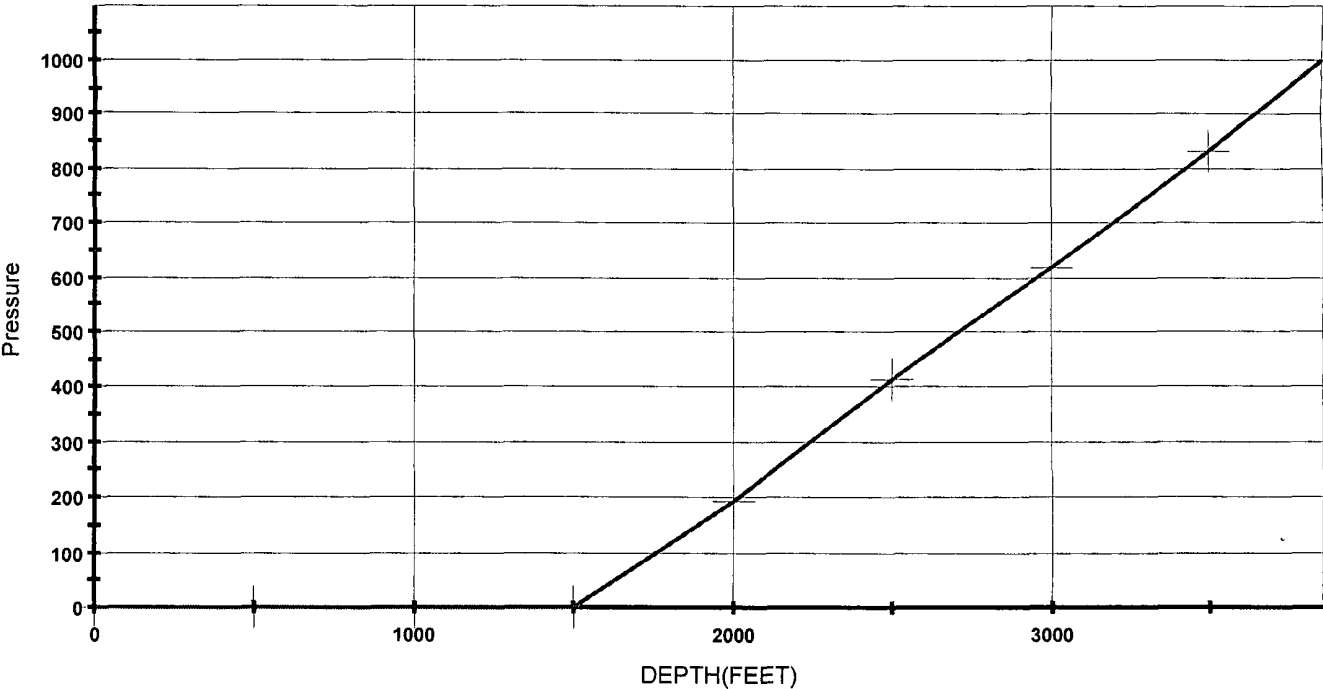
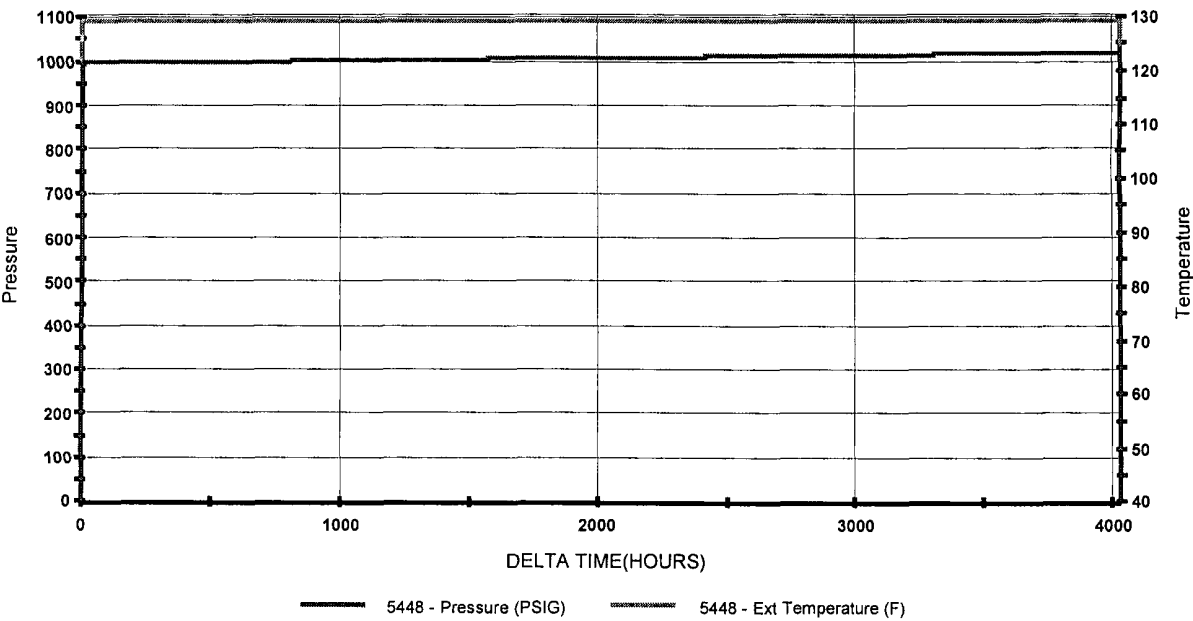
REMARKS

11/19/11-RAN 2" C-1 RUNNING TOOL W/1.78 FWE PLUG, GAUGE HANGER & TANDEM BHP GAUGES TO 3858'
MAKING GRADIENT STOPS.
5/5/12 - RAN 2" JDC W/B PROBE TO 3858'-RECOVERED 1.78 FWE PLUG, GAUGE HANGER & GAUGES.

Gradient Plots

Oil Company: ENERGEN RESOURCES

Well Location: T32N, R4W, SEC. 32



GRADIENT SUMMARY

Oil Company: ENERGEN RESOURCES

Well Location: T32N, R4W, SEC. 32

#	Real Time	Depth	Stop Time	Temp.(DEG.F)	Pres.(PSIG)	Gradient
1	11/19/2011 10:47:20	0.0	1047 - 1052	50.530	0.0	0.000
2	11/19/2011 10:52:55	500.0	1053 - 1058	52.772	0.0	0.000
3	11/19/2011 10:59:10	1000.0	1059 - 1104	57.265	0.0	0.000
4	11/19/2011 11:04:20	1500.0	1105 - 1110	65.985	0.0	0.000
5	11/19/2011 11:11:40	2000.0	1111 - 1116	91.343	193.4	0.387
6	11/19/2011 11:16:40	2500.0	1117 - 1122	101.044	412.3	0.438
7	11/19/2011 11:22:55	3000.0	1123 - 1128	111.973	615.9	0.407
8	11/19/2011 11:28:35	3500.0	1129 - 1134	120.237	831.0	0.430
9	11/19/2011 11:34:35	3858.0	1135 -	128.761	998.0	0.466

FLUID LEVEL IS AT N/A

PRESSURE AND TEMPERATURE VS DELTA TIME

Company: ENERGEN RESOURCES

Location: CARRACAS UNIT 32 B 5

Date: NOVEMBER 19, 2011

Serial# 5448

Max. Pressure: 1032.676 Max. Temperature: 129.468

