

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
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.

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

JUL 15 2009

Bureau of Land Management
Farmington Field Office

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: (P) Sec.17, T32N, R4W 645'FSL & 2055'FEL

BHL: (M) Sec.17, T32N, R4W 110'FNL & 110'FEL

5. Lease Serial No.

NM 28277

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Carracas 17B # 1

9. API Well No.

30-039-30472

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

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input checked="" 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 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 Resources would like to make the following change to the Carracas 17B #1. The surface location of the well will be moved 50' to the north to allow the drilling rig to fit on the pad. This will change the surface location to 645' FSL and 2055' FEL. The well pad dimensions will not change.

RCVD JUL 23 '09

OIL CONS. DIV.

DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Hold C104

for Directional Survey
and "As Drilled" plat14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Devin Mills

Title Drilling Engineer

Signature

Date 7/13/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy L. Salvors

Title

Petroleum Engineer

Date

7/20/2009

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

FFO

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.

RECEIVED

7/27

~~District I~~
1625 N. French Dr., Hobbs, NM 88240
~~District II~~
1301 W. Grand Avenue, Artesia, NM 88210
~~District III~~
1000 Rio Brazos Rd., Aztec, NM 87410
~~District IV~~
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30472	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code	⁵ Property Name Carracas 17B	⁶ Well Number #1
⁷ OGRID No. 162928	⁸ Operator Name Energen Resources Corporation	⁹ Elevation 7366' GL

¹⁰ Surface Location

UL or lot no. O	Section 17	Township 32N	Range 4W	Lot Idn	Feet from the 645	North/South line North South	Feet from the 2055	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 17	Township 32N	Range 4W	Lot Idn	Feet from the 110	North/South line North	Feet from the 110	East/West line East	County Rio Arriba
¹² Dedicated Acres 320 N/2	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.

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature 7/13/2009 Date Devin Mills Printed Name
	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 6/11/2007 Date of Survey Signature and Seal of Professional Surveyor. Original Survey Conducted and Recorded By David R. Russell 10201 Certificate Number



FS Report Number: **1988-02-151B**

ARCHEOLOGICAL RECORD OF REVIEW

US FOREST SERVICE

JICARILLA RANGER DISTRICT, CARSON NATIONAL FOREST

1. Project/Report Description:

Project Name: **Carracas 17B #1 well pad and pipeline - REVISED for Sundry**

Project Sponsor: **Energen Resources**

Archeological Contractor: **DCA**

Location: **T32N, R4W, Sec. 17, on existing Carracas 17B #15 well pad**

Well Footages: ~~595' FSL~~, **2055' FEL**
645' FSL

Project Area Dimensions: Well pad and construction zone: **360 x 315 feet**

Access Road: **N/A**

Pipeline ROW: **on well pad, 123 feet**

Other: _____

Sites Located in Project Area: ☐ NO ☒ YES

<u>FS Site Number</u>	<u>LA Site Number</u>	<u>Eligibility</u>	<u>Protective Measures</u>
AR-03-02-03-00230	LA 61595	ELIGIBLE	RESTRICTED CONSTRUCTION ZONE, PERMANENT BARRIER, MONITOR

2. Recommendation:

☒ Proceed with project ☒ Archeological Stipulations Attached

3. Reviewer/Archeologist: **R. Miller**

Date: **10/20/2008**

***Due to footage change, concrete barriers must be placed prior to drill rig moving onto well location. Concrete barriers are to be placed where T-posts are currently set. Send a photo of the concrete barriers to Rachel Miller to document placement.**

Note: If there are questions about these stipulations, contact:
Rachel Miller at 505-632-2956, ext. 233, rachelanderson@fs.fed.us or
Kathy Whitson at 505-632-2956, ext. 238, kwhitson@fs.fed.us

**Archeological Stipulations
Jicarilla Ranger District, Carson National Forest
FS Report Number: 1988-02-151B**

Project Name: **Carracas 17B #1 well pad and pipeline**

Project Sponsor: **Energen Resources**

Stipulations Apply to: ☒ **Well Pad** ☐ **Access Road** ☐ **Pipeline ROW**

1. Discovery of Archeological Resources in the Presence or Absence of Monitoring:

If, prior to or during excavation work, items of archaeological, paleontological, or historic value are reported or discovered, or an unknown deposit of such items is disturbed, the operator will immediately cease excavation. The operator will then notify the Forest Service immediately and will not resume excavation until written approval is given by the authorized officer.

2. Site Protection and Employee Education:

The operator, all of their employees, contractors, and subcontractors will be informed that cultural resources are to be avoided by all personnel, vehicles, and equipment. The operator will notify all of their employees, contractors, and subcontractors that it is illegal to collect, damage, or disturb cultural resources.

The operator shall be responsible for the protection of all identified cultural resources within the area which may be affected by their actions. In addition, the operator shall be liable for all damage or injury to the identified cultural resources caused by their actions.

3. Site Barrier:

Temporary site protection barriers will be erected prior to any construction. The barriers will consist of the following (applicable when checked):

- ☐ **No site protection barriers required.**
- ☐ **Wooden Survey Lathe:** Spaced no more than 10 feet apart and marked with blue paint or blue flagging.
- ☐ **T-posts:** Spaced no more than 10 feet apart. Wire is not required, but should be smooth wire if used. Mark posts and wire with blue flagging.
- ☒ **Concrete Barriers:** Placed in continuous line.
- ☐ **Permanent Pipe Barrier:** Pipe to be set in concrete, uprights spaced no more than 10 feet apart. Cross pieces of either pipe or cable to be placed/strung between pipe uprights to prevent vehicle/equipment access to the site area.

No construction activities or vehicle use is authorized behind the site protection barriers.

Barriers are to remain in place through reclamation and reseeding. The barriers are to be removed promptly after reclamation, unless other arrangements are made with the Forest Service.

Site protection barriers are to be placed as indicated on the attached map(s).

**Archeological Stipulations
Jicarilla Ranger District, Carson National Forest
FS Report Number: 1988-02-151B**

☐ **Monitoring is NOT Required:**

If, in its activities, the operator discovers any previously unidentified historic or prehistoric cultural resources, work in the vicinity of the discovery will be suspended and the discovery promptly reported to the Forest Service.

☒ **Monitoring is Required:**

It is the operator's responsibility to provide a copy of these stipulations and the IS &A to the archeological monitor prior to the scheduled pre-construction meeting. Fences and/or barriers must be in place prior to the scheduled pre-construction meeting. Protective barrier placement may be completed by the archeologist, or under the direction of the archeologist.

No construction activities, including vegetation removal, may begin before the arrival of the archeological monitor.

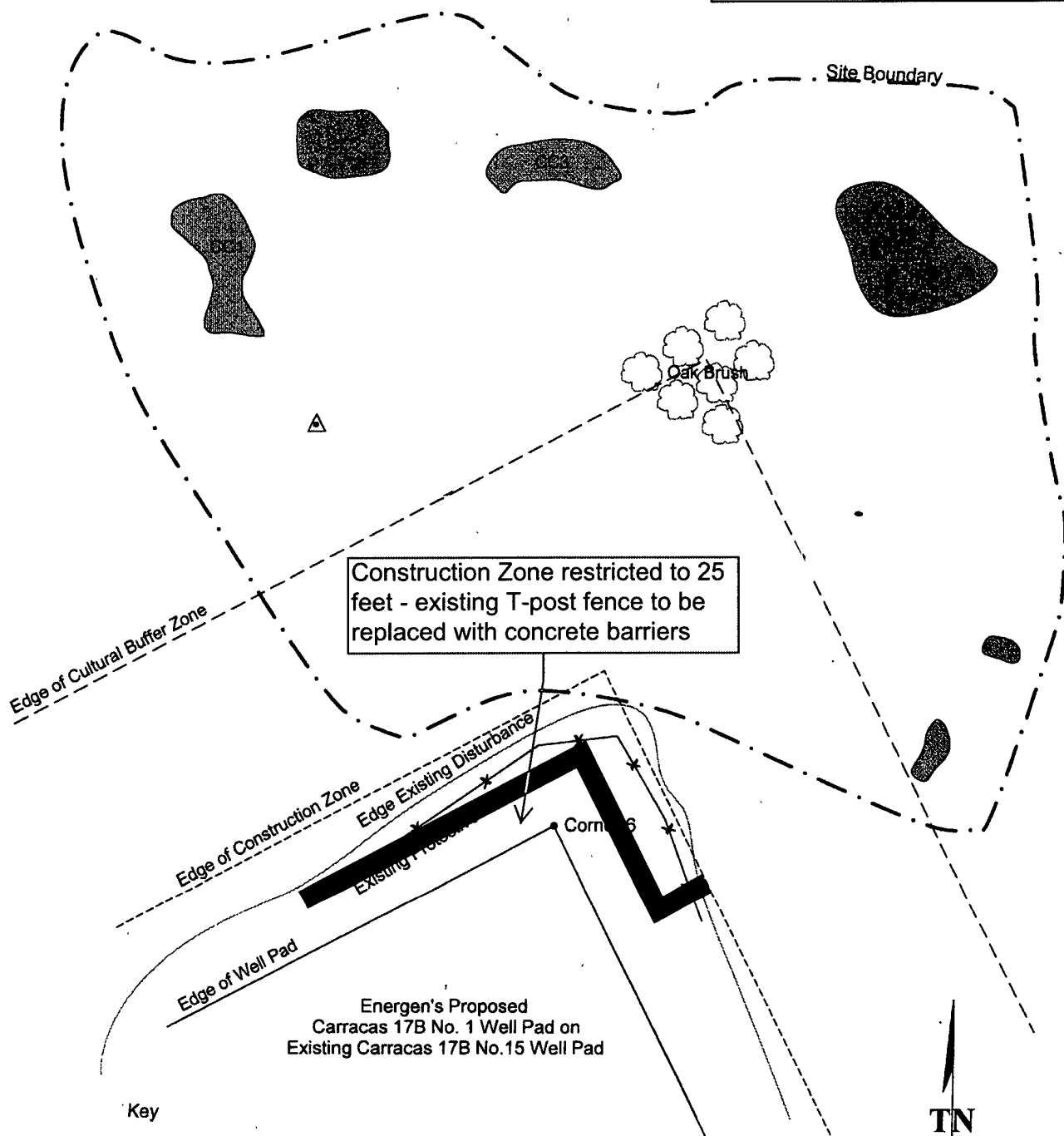
Site AR-03-02-03-00230/LA 61595

1. Restrict construction zone at Corner 6 to 25 feet.
2. Existing T-post fence at Corner 6 to be replaced with concrete barriers. Barriers to be placed along outer edge of restricted construction zone, extending approximately 40 meters west of the revised construction zone corner and approximately 25 meters southeast of the revised construction zone corner. Barriers to extend from southeast end to outer edge of construction zone as shown on attached map. Archeologist to direct placement of barriers.
3. Archeologist to monitor all ground-disturbing activities within 100 feet of site.

The monitor will submit a report of the monitoring activities within 30 days of completion of monitoring unless other arrangements are made with the Forest Service. A copy of these stipulations must be attached to the monitor report.

AR-03-02-03-230
LA 61595

Archeological Stipulations
Jicarilla Ranger District
FS Report #: 1988-02-151B



- Key
- △ Site Datum on Rebar
 - Z13 297459 E 4095075 N
 - Concrete Barriers

Monitor within 100' of site

NO CONSTRUCTION OR
GROUND DISTURBANCE BEHIND
PROTECTIVE BARRIER

Contours Not to Scale

J. Meininger 6/14/07
Adapted from Walth (2006)