

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

USA NM 29760

6. If Indian, Allottee or Tribe Name

2007 MAY - 9 PM 3:55

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

210 FARM

1. Type of Well

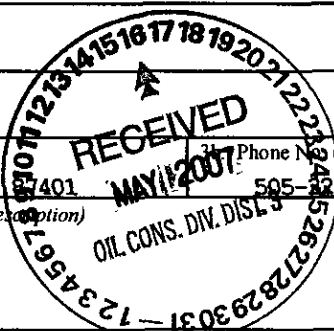
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Hwy, Farmington, NM 87401

Phone No. (include area code)
505-225-6800

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

At surface: 960 fnl, 725 fel

At bottom 1: 1500 fnl, 1880 fwl

At bottom 2: 2477 fnl, 1785 fwl

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

8. Well Name and No.

Carracas 13 A #6

9. API Well No.

30-039-29932

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 checked="" type="checkbox"/> Other <u>Add second</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>lateral</u> |
| <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 and add an additional lateral to the Carracas 13 A #6:

Change the directional wellplan of the Carracas 13 A #6 from the original wellplan to ensure entering the fruitland coal in the legal drilling window. This will raise the kickoff point to 2200' TVD. The new set depth for 7" casing will be 4800' MD, 4025' TVD and cement with 670 sks lead and 145 sks tail.

Upon drilling the first or "parent" lateral, an open hole sidetrack will be done at 4900' MD, 4025' TVD and a second 6 1/4" lateral drilled to a TD of 6434' MD, 4025' TVD. The second 6 1/4" lateral will have a bottom hole location of 2477 fnl and 1785 fwl of section 13 as shown in the attached directional wellplan. A 4 1/2" STC, J-55, 11.6 ppf pre-drilled liner with 6 spf with 0.50" dia holes will be ran into a lateral leaving one lateral open and unlined from the lateral junction to its corresponding TD.

Attached is a revised C-102 and a new directional plans.

HOLD C104 FOR directional survey14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Nathan Smith

Title

Drilling Engineer

Date 5/9/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Petr. Eng.

Date

5/15/07

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

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

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
2007 MAY -9 PM 3:55
State Lease - 4 Copies
Fee Lease - 3 Copies
RECEIVED
PLI AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-039-29932	'Pool Code 71629	'Pool Name Basin Fruitland Coal
'Property Code	'Property Name Carracas 13 A	'Well Number #6
'GRID No. 162928	'Operator Name Energen Resources Corporation	'Elevation 7381'

10 Surface Location

UL or lot no. A	Section 13	Township 32N	Range 5W	Lot Idn	Feet from the 960	North/South line North	Feet from the 725	East/West line East	County Rio Arriba
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11 Bottom Hole Location If Different From Surface

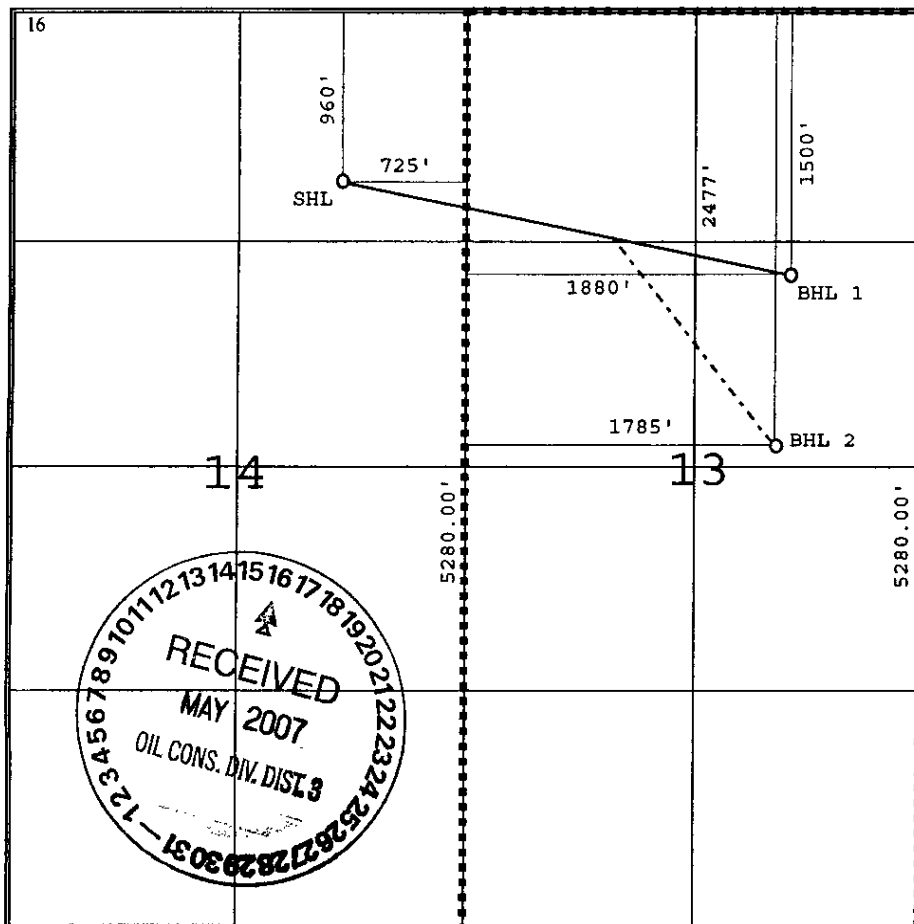
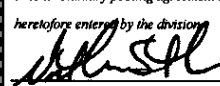
UL or lot no. BHL 1: F BHL 2: F	Section 13	Township 32N	Range 5W	Lot Idn	Feet from the 1500 2477	North/South line North	Feet from the 1880 1785	East/West line West	County Rio Arriba
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"Dedicated Acres 320.00 - (W/2)	"Joint or Infill	"Consolidation Code	"Order No.
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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.

2644.95'

2640.00'

	<p>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.</p> <p>Signature:  Date: 5/8/2007</p> <p>Printed Name: Nathan Smith</p>
	<p>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.</p> <p>September 12, 2005 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Original survey conducted and recorded by Jason C. Edwards</p> <p>15269 Certificate Number</p>

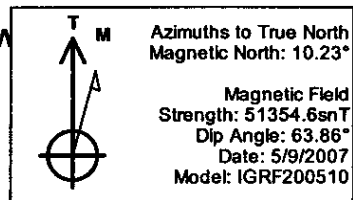
Project: Carson Natl Forest - S13, T32N, R5W

Site: Carracas Mesa

Well: Carracas 13 A #6

Wellbore: Planned Wellpath

Plan: Main Lateral (Carracas 13 A #6/Planned Wellpath)



PROJECT DETAILS: Carson Natl Forest - S13, T32N, R5W

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Central Zone

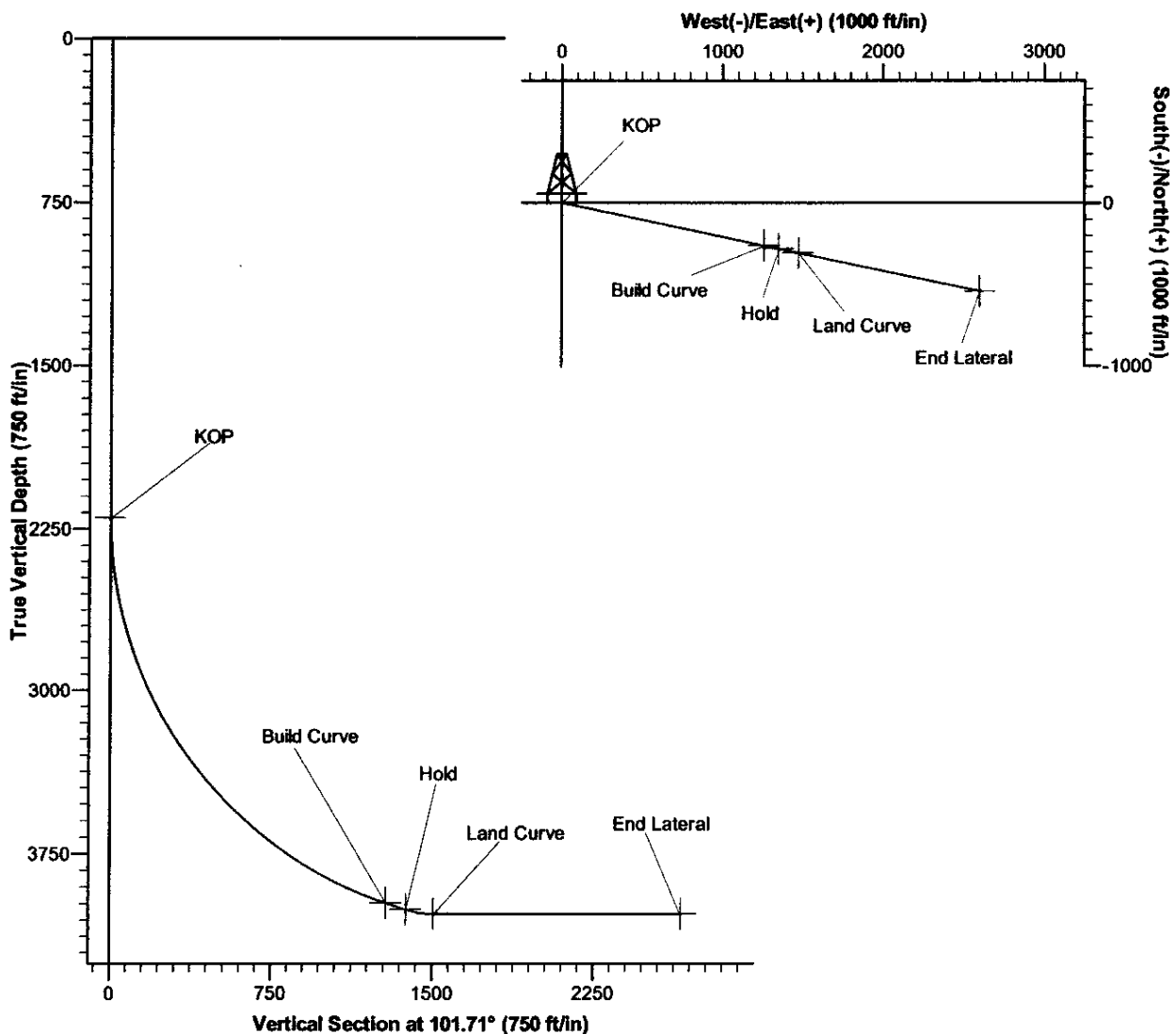
System Datum: Mean Sea Level

SURFACE LOCATION

Easting: 404350.78
Northing: 664314.35

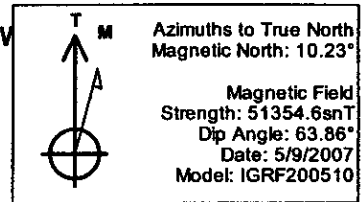
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2200.0	0.00	0.00	2200.0	0.0	0.0	0.00	0.00	0.0	KOP
3	4545.3	72.00	101.71	3975.0	-261.7	1262.8	3.07	101.71	1289.6	Build Curve
4	4642.4	71.99	101.71	4005.0	-280.5	1353.1	0.01	-180.00	1381.9	Hold
5	4770.8	90.01	101.71	4025.0	-306.1	1476.8	14.04	0.00	1508.2	Land Curve
6	5922.8	89.99	101.71	4025.0	-539.9	2604.8	0.00	-180.00	2660.2	End Lateral





Project: Carson Natl Forest - S13, T32N, R5W
Site: Carracas Mesa
Well: Carracas 13 A #6
Wellbore: Additional Wellpath
Plan: Side Lateral (Carracas 13 A #6/Additional Wellpath)



PROJECT DETAILS: Carson Natl Forest - S13, T32N, R5W	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Central Zone
System Datum:	Mean Sea Level

SURFACE LOCATION	
Easting:	404350.78
Northing:	664314.35

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	4899.8	90.01	101.71	4025.0	-332.3	1603.2	0.00	0.00	1543.9	
2	5134.8	90.00	125.00	4024.9	-424.8	1817.4	9.91	90.03	1775.1	
3	5384.8	90.00	150.00	4024.9	-607.7	1985.0	10.00	90.00	2013.1	
4	6434.8	90.00	150.00	4024.9	-1517.0	2510.0	0.00	0.00	2932.8	

