

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

5. Lease Serial No.

Jicarilla Contract 96

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Jicarilla 96 7C

9. API Well No.

30-039-26891

10. Field and Pool, or Exploratory Area  
Blanco Mesaverde

11. County or Parish, State

Rio Arriba NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Energen Resources Corporation

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

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

2360' FSL, 1980' FWL, Sec. 01, T26N, R03W, N.M.P.M.

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.)

Due to geological consideration, this location has been moved. Attached is a well location plat, pipeline plat and a revised operations plan. We are requesting a one year extension from the approval date of 12/19/01.

RECEIVED  
BLM  
02 SEP 23 PM 1:59  
010 ALBUQUERQUE, N.M.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Vicki Donaghey

Title

Production Assistant

Date 09/18/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGN.) RICHARD W. WILSON

Assistant Field Manager

Date

MAY 16 2003

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.

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Drawer 00, Artesia, NM 88211-0719

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code	*Property Name JICARILLA 96	*Well Number 7C
*OGRID No. 162928	*Operator Name ENERGEN RESOURCES CORPORATION	*Elevation 7131'

<sup>10</sup> Surface Location

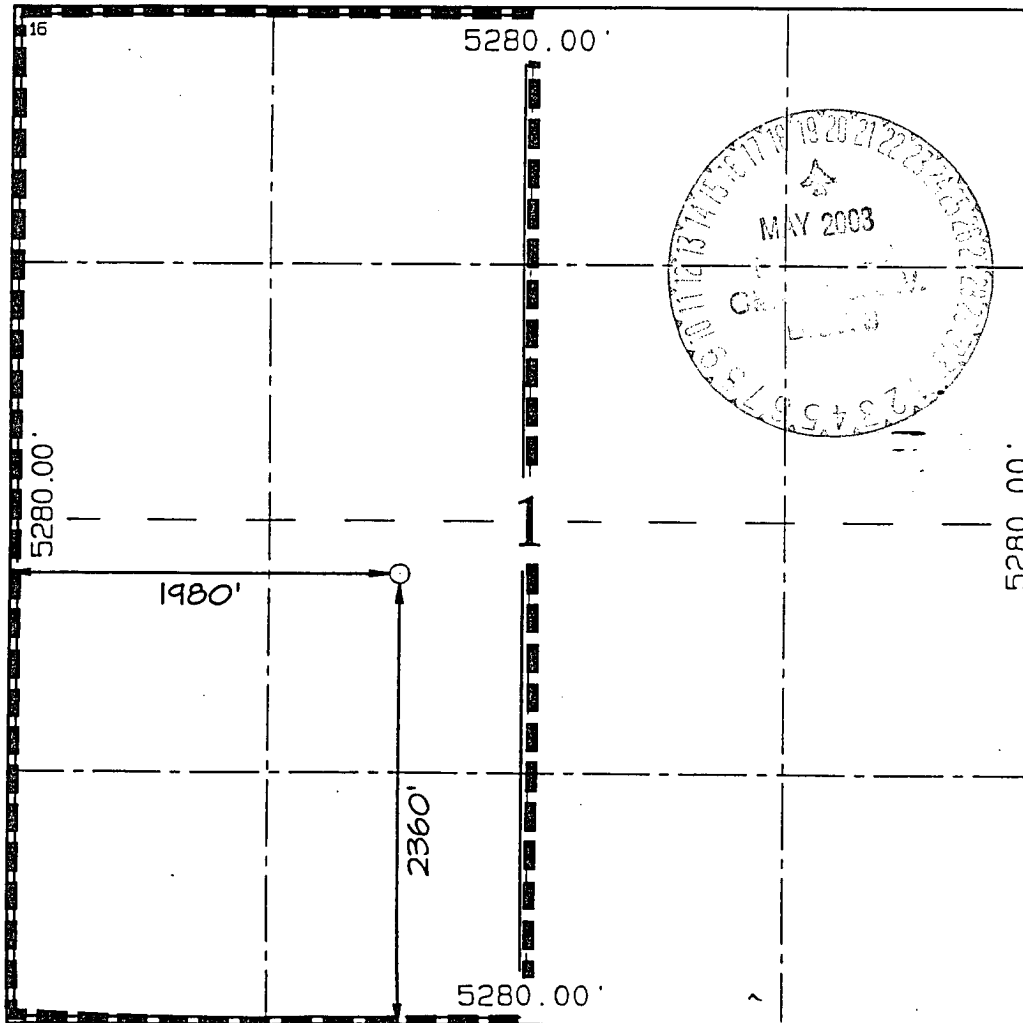

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	1	26N	3W		2360	SOUTH	1980	WEST	RIO ARRIBA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 320.0 Acres - (W/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<div><p><sup>16</sup></p></div>	<div><p><sup>17</sup> OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p><p><i>Don Graham</i></p><p>Signature Don Graham</p><p>Printed Name Production Superintendent</p><p>Title</p><p><i>5-18-02</i></p><p>Date</p></div> <div><p><sup>18</sup> SURVEYOR CERTIFICATION</p><p>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>Date of Survey: JUNE 24, 2002</p><p>Signature and Seal of Professional Surveyor</p><div><p><i>JASON C. EDWARDS</i></p><p>Certificate Number 15269</p></div></div>
--	---

## OPERATIONS PLAN

WELL NAME: Jicarilla 96 #7C

LOCATION: 2360' FSL, 1980' FWL, Section 1, T26N, R3W, Rio Arriba, New Mexico

FIELD: Blanco Mesaverde

ELEVATION: 7131'

### FORMATION TOPS:

Surface	San Jose	Huerfanito Benonite	4213
Nacimiento	2213	Cliff House	5473
Ojo Alamo	3273	Menefee	5543
Kirtland	3443	Point Lookout	5878
Fruitland	3533	Mancos Shale	6148
Pictured Cliffs	3683		
Lewis	3878		
		<b>Total Depth</b>	<b>6328</b>

### LOGGING PROGRAM:

Open Hole Logs:

Surface to intermediate: NONE

Inter TD to total depth: Temp/HRI/CNT, LDT/GR

Mud Logs: 3600' to total depth

Coring: None

Natural Gauges: Every 500' from intermediate TD to total depth

MUD PROGRAM: Fresh water low solids mud from surface to intermediate TD (9.0 – 9.2 PPG).

Air/mist from intermediate casing point to total depth.

### CASING PROGRAM:

<u>HOLE SIZE</u>	<u>DEPTH</u>	<u>CSG SIZE</u>	<u>WT.</u>	<u>GRADE</u>
12-1/4"	200'	9-5/8"	36#	J-55
8-3/4"	4078'	7"	20#	J-55
6-1/4"	3928'-6328'	4-1/2"	10.5#	J-55

### TUBING PROGRAM:

6250'	2 3/8	4.7#	J-55
-------	-------	------	------

WELLHEAD: 11" 3000 x 9 5/8" casing head. 11" 3000 x 7 1/16" 3000 xmas tree.

### BOP SPECIFICATIONS:

An 11" 2000 psi minimum double gate BOP stack (Figure 1) will be used following nipple up of casing head. During air drilling operations, a Shaffer Type 50 or equivalent rotating head will be installed on top of the stack. A 2" nominal, 2000 psi minimum choke manifold will be used. An upper Kelly Cock valve with handle available and drill string valve to fit each drill string will be available on the rig floor during drilling operations.

### CEMENTING:

9 5/8 surface casing - Cement with 110 sks Class B Cement with 1/4" Flocele/sx and 2% calcium chloride (130 cu. ft. of slurry, 100% excess to circulate to surface). WOC 12 hrs. Test casing to 600# for 30 minutes.

Texas Pattern Guide Shoe on bottom with centralizers on the first three joints.

7" intermediate casing - cement with 415 sks 65/35 Class B Poz with 6% gel, 2% calcium chloride, 10% gilsonite, and 1/4# flocele/sk. Tail with 100 sks Class B w/2% calcium chloride, 10% gilsonite and 1/4# flocele/sk. (920 cu. Ft. of slurry, 50% excess to circulate to surface). WOC 12 hrs. If cement does not circulate, run temperature survey in 8 hrs. to determine TOC. Test casing to 1200 psi for 30 minutes.

Cement nose guide shoe on bottom with a self-fill insert float valve on top of shoe joint. 8 bow spring centralizers spaced every 2nd joint off bottom. Two turbolating centralizers at the base of the Ojo Alamo.

### 4 1/2 Production Liner

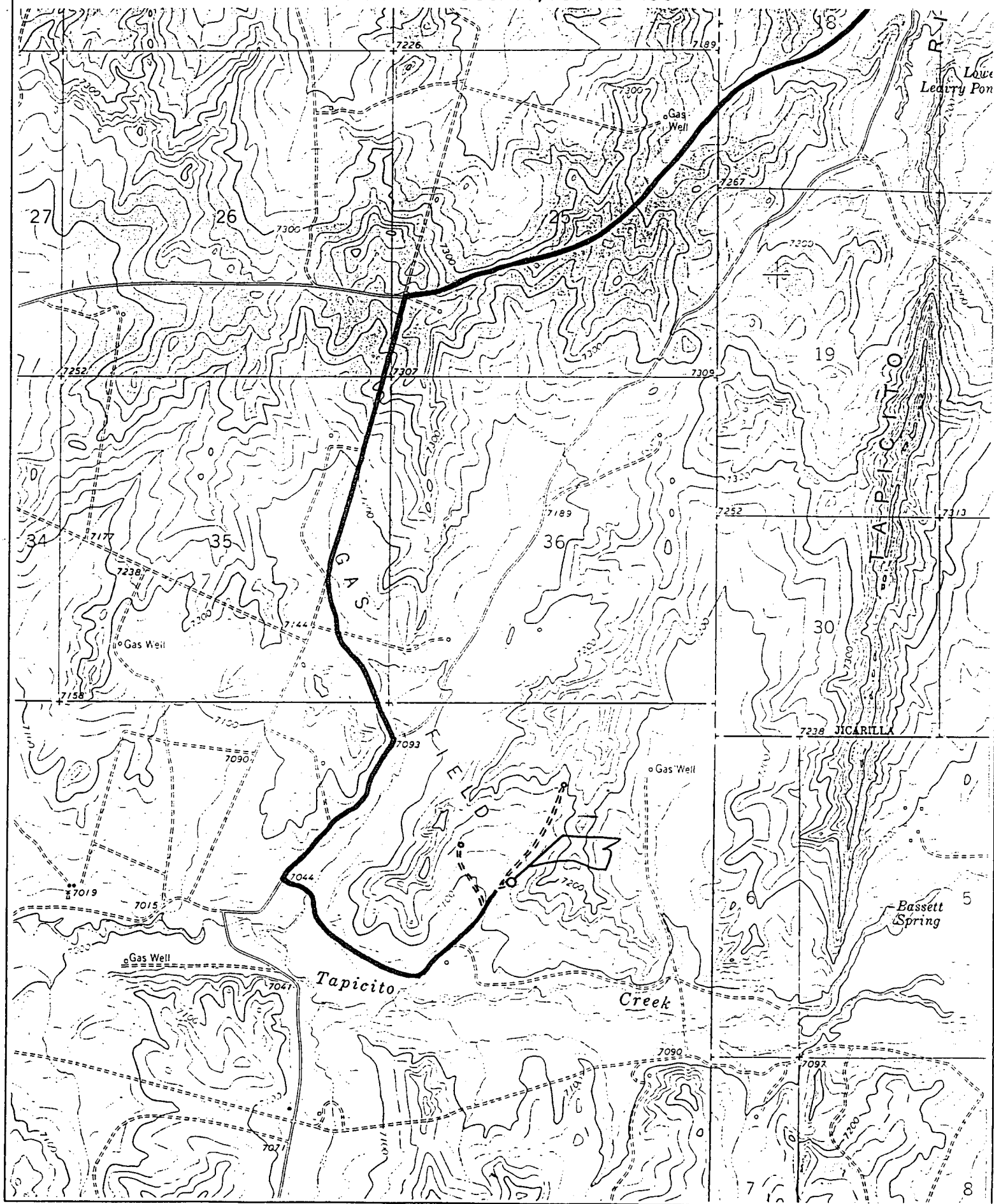
Cement with 295 sks 50/50 poz with 2% gel, 5 PPS gilsonite, .4% halad - 9 and 1/4# flocele/sk ( 370 cu. Ft., 50% excess to intermediate casing). WOC 18 hrs prior to completion.

Cement nose guide shoe on bottom with float collar on top of shoe joint. Liner hanger will have a neopreme packoff on top.

### OTHER INFORMATION:

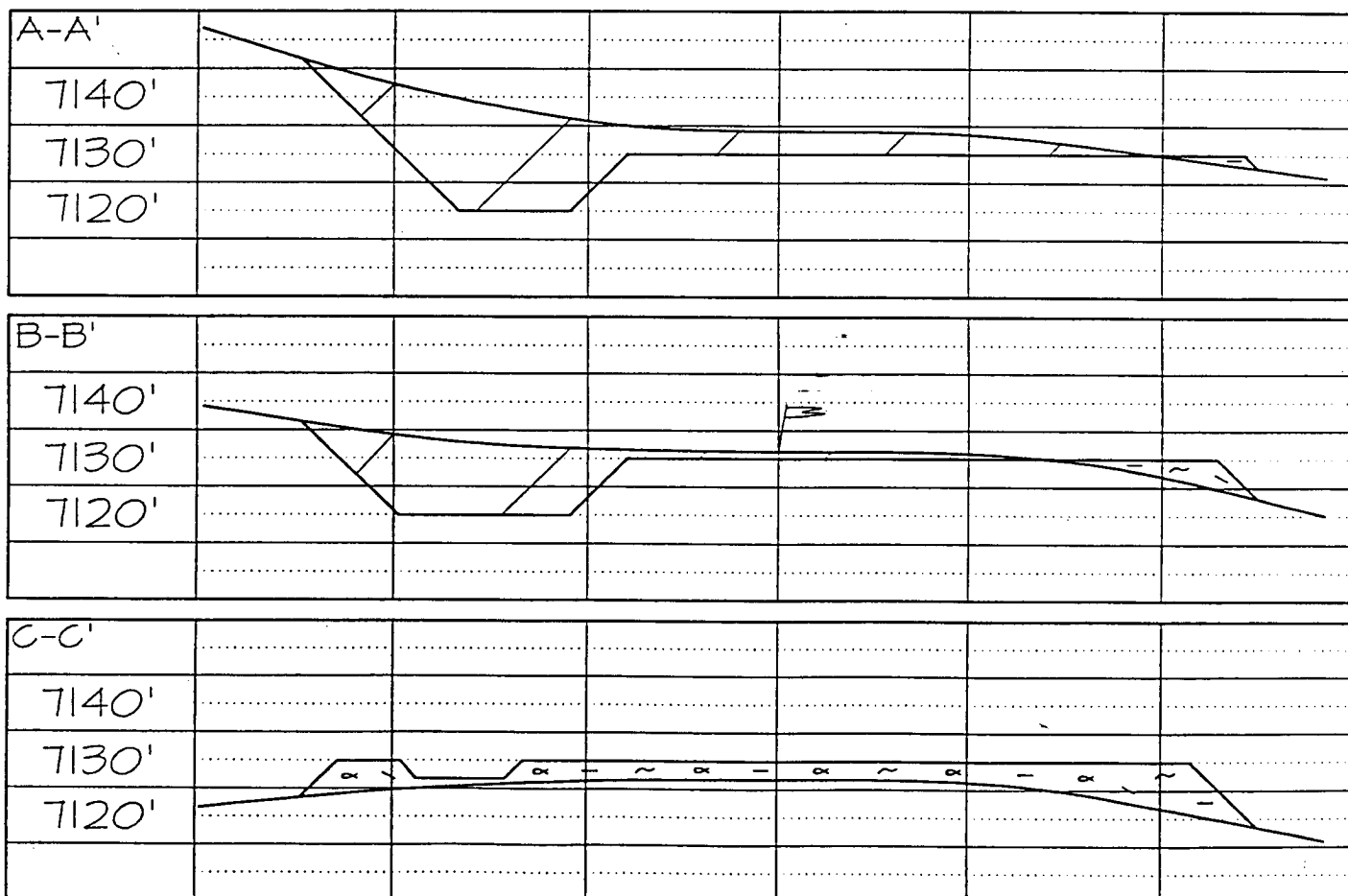
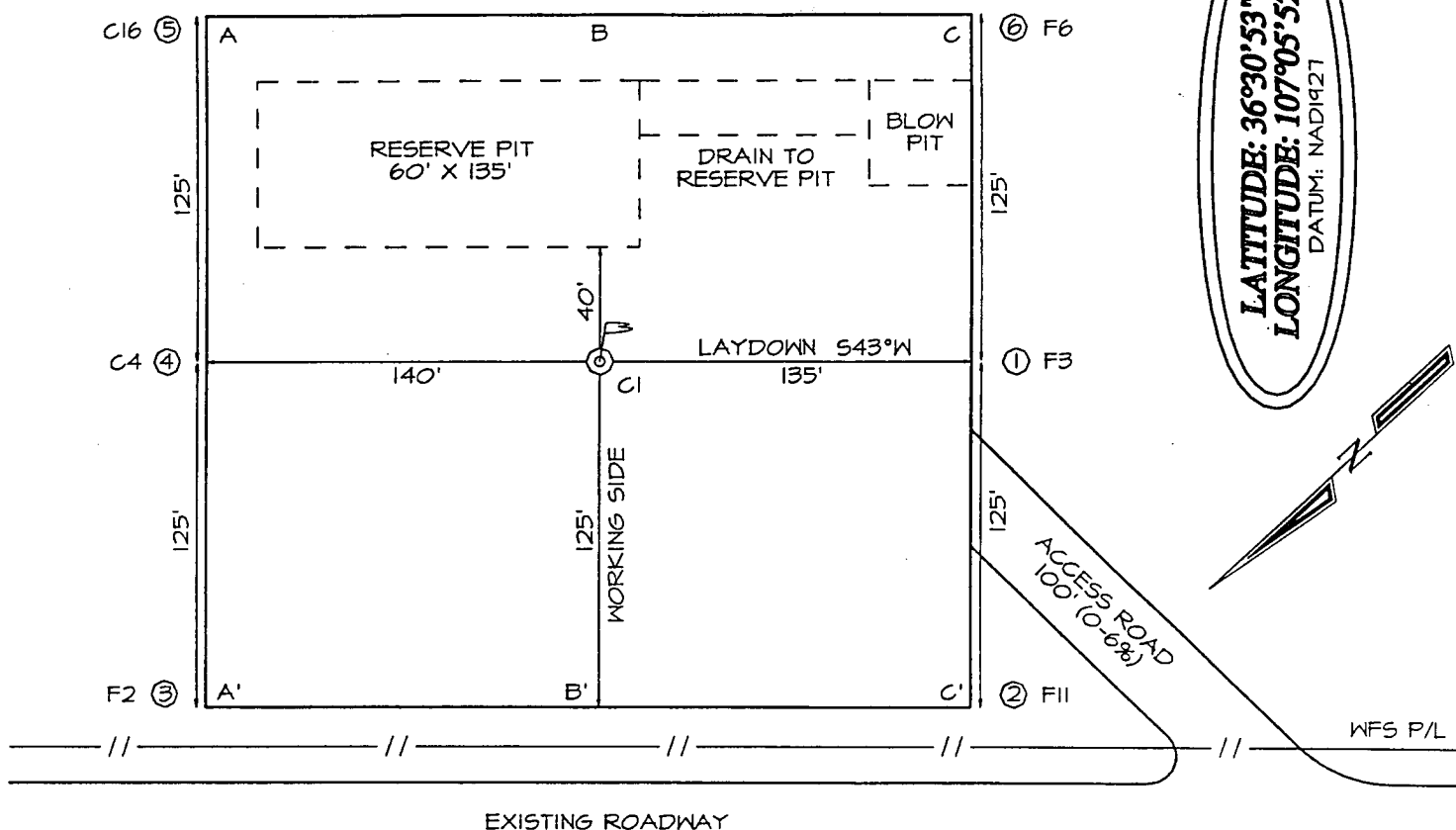
- 1) The Blanco Mesaverde and Gallup Dakota will be completed and downhole commingled.
- 2) No abnormal temperatures or pressures are anticipated.
- 3) Anticipated pore pressure for the Gallup is 900, Mesa Verde is 800, Pictured Cliffs is 500 and the Fruitland 400 psi.
- 4) If lost circulation is encountered, sufficient LCM will be added to the mud system to maintain well control.
- 5) This gas is dedicated.

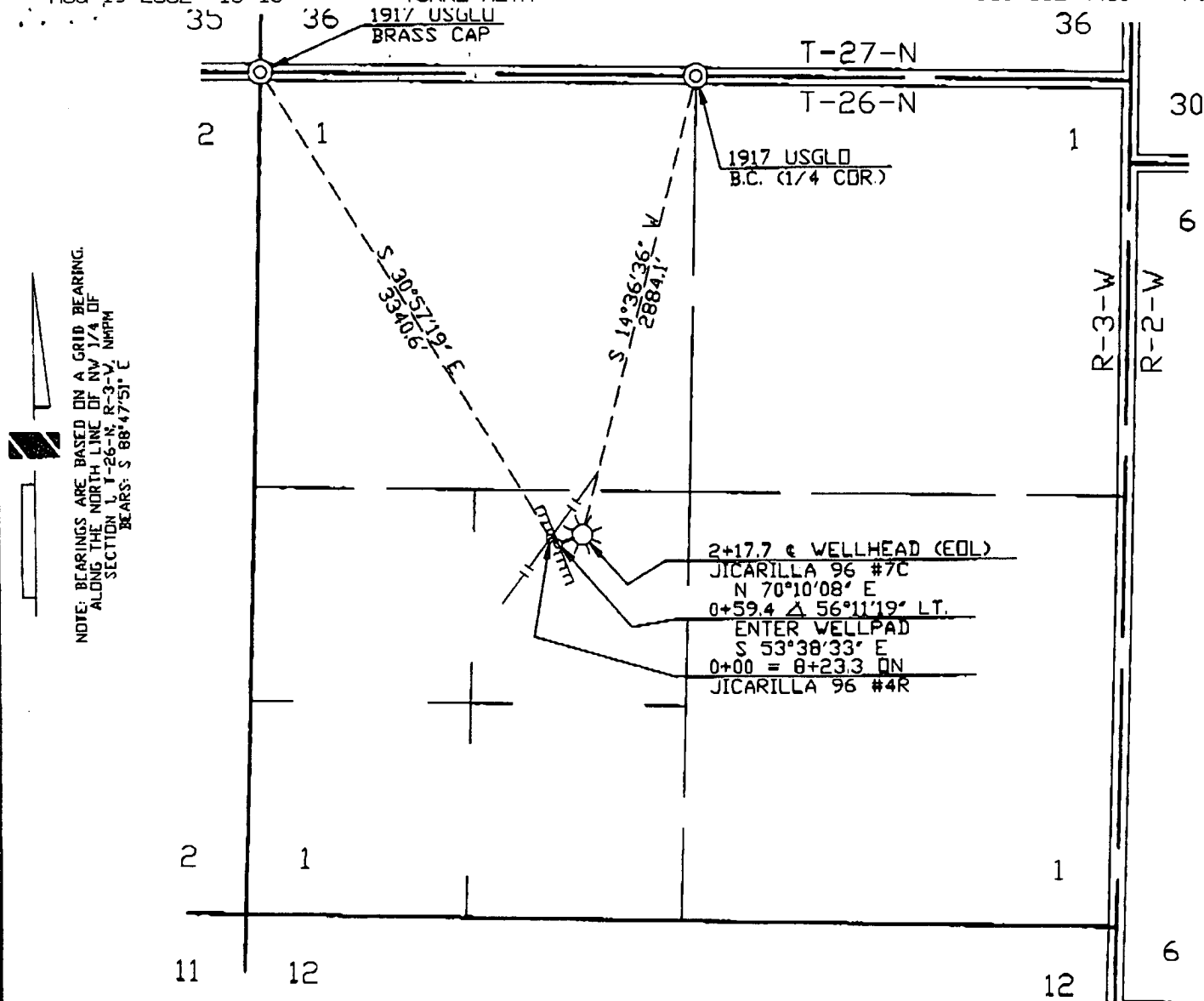
2360' FSL & 1980' FWL, SECTION 1, T26N, R3W, N.M.P.M.  
RIO ARRIBA COUNTY, NEW MEXICO



**ENERGEN RESOURCES CORPORATION JICARILLA 96 #7C**  
**2360' FSL & 1980' FWL, SECTION 1, T26N, R3W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO GROUND ELEVATION: 7131'**

**LATITUDE: 36°30'53"**  
**LONGITUDE: 107°05'52"**  
 DATUM: NAD1927





PIPE DATA

OWNERSHIP

REVISION

NO.

DATE

BY

DESCRIPTION

V.O.NO.

CHK.

APP.

NO.

DATE

BY

DESCRIPTION

V.O.NO.

CHK.

APP.

NO.

DATE

BY

DESCRIPTION

V.O.NO.

CHK.

APP.

SUBDIVISION

OWNER

FEET

MILES

ACRES

RODS

0+00 TO 2+17.7

JICARILLA APACHE

217.7

0.041

0.225

13.194

2

8/14/02

TG

LINE CHANGE 6/25/02

16550

PB

1

8/30/01

SRB

ISSUED FOR REVIEW

16550

PB

NO.

DATE

BY

DESCRIPTION

V.O.NO.

CHK.

APP.

NO.

DATE

BY

DESCRIPTION

V.O.NO.

CHK.

APP.

INFO

DRAFTING

BY

DATE

STATE: NEW MEXICO

WILLIAMS GAS PROCESSING

ONE OF THE WILLIAMS COMPANIES



R/W #:

05008

DRAWN BY

SRB

8/30/01

METER #:

CHECKED BY

PB

9/04/01

SURVEYED:

8/16/01

APPROVED BY

ENGINEER

BY

DATE

DESIGNED BY

PROJ. APPROVED

SCALE: 1" = 1000'

W.O. NO. 16550

SAN JUAN GATHERING SYSTEM

ENERGEN - JICARILLA 96 #7C

0+00 = 8+23.3 ON JICARILLA 96 #4R

(REF DWG. E7650-39-1)

SEC. 1, T-26-N, R-3-W, NMPM

DWG NO.

E7650-37-1

SHEET

1

OF

1

REV

2