

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

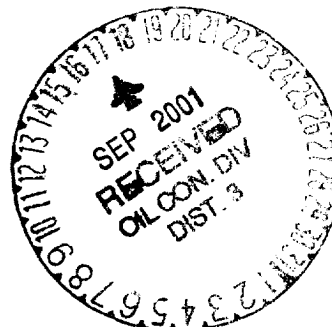
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Jic 117
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name Jicarilla Apache
3a. Address 2198 Bloomfield Highway, Farmington, NM 87401	3b. Phone No. (include area code)	7. If Unit or CA/Agreement, Name and/or N
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 896' FSL, 1700' FWL, Sec. 33, T26N, R3W, N.M.P.M.		8. Well Name and No. Jicarilla 117E 1
		9. API Well No. 30-039-06198
		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	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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 intends to plug and abandon this well as per the attached plug and abandonment procedure.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Don Graham	Title Drilling/Completion Foreman
<i>Don Graham</i>	Date 8/3/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /s/ Brian W. Davis	Title Lands and Mineral Resources	Date SEP 10 2001
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		

PLUG & ABANDONMENT PROCEDURE

07/24/01

Jicarilla 117 E #1

Basin Fruitland Coal

896' FSL & 1700' FWL, Section 33, T-26-N, R-3-W

Rio Arriba Co., New Mexico, API #30-039-06198

Long: / Lat:

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 126 joints 2-3/8" tubing, total 3940'. If necessary LD tubing and PU workstring.
3. **Plug #1 (Pictured Cliffs and Fruitland perforations and Kirtland top, 3950' – 3653')**: TIH with open-ended tubing to 3950' or as deep as possible. Pump 25 bbls water down tubing. Mix 27 sxs cement and spot a plug inside the 4-1/2" casing above the existing CIBP at 3950', to isolate the PC, fill the FtC perforations and to cover the Kirtland top. PUH to 3560' and reverse circulate well clean. PUH and WOC. TIH and tag cement. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. TOH with tubing.
4. **Plug #2 (Ojo Alamo top, 3550' – 3450')**: Perforate 3 HSC squeeze holes at 3550'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 3500'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 36 sxs cement, squeeze 24 sxs outside 4-1/2" casing and leave 12 sxs inside casing to cover the Ojo Alamo top. TOH with tubing.
5. **Plug #3 (Nacimiento top, 1585' – 1485')**: Perforate 3 HSC squeeze holes at 1585'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 1535'. Establish rate into squeeze holes. Mix 36 sxs cement, squeeze 24 sxs outside 4-1/2" casing and leave 12 sxs inside casing. PUH to 167'.
6. **Plug #4 (7-5/8" casing shoe, 167' - Surface)**: Mix 13 sxs cement and spot a balanced plug in the 4-1/2" casing to cover the surface casing shoe, circulate cement out casing valve. TOH and LD tubing. SI and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Jicarilla 117 E #1

Current

Basin Fruitland Coal

SW, Section 33, T-26-N, R-3-W, Rio Arriba County, NM

API 30-039-06198

Long: / Lat:

Today's Date: 07/24/01

Spud: 6/14/56

PC Completion: 8/10/56

FtC Completion: 11/08/89

Elevation: 7374' GI

9-7/8" hole

Casing Repair
187' to surface
with 75 sxs.

Nacimiento @ 1535'

Ojo Alamo @ 3500'

Kirtland @ 3703'

Fruitland @ 3789'

Pictured Cliffs @ 3947'

6-3/4" hole

TD 4107'

7-5/8" 24# H-40 Casing set @ 117'
Cmt w/ 75 sxs (Circulated to Surface)

Well History

Oct '89: Pull 1-1/4" tubing; set CIBP at 3831' then isolate holes in casing at 3832' and 172'; perforate and acidize FtC zones; shot squeeze hole at 187' and squeeze with 75 sxs, circulate cement out bradenhead; DO and test, held OK. Land tubing.

Jun '94: Pull and LD tubing.

Jul '94: TIH with workstring, set packer at 3786'; pressure test casing; re-perforate Ft Coals from 3862' to 3940'; set packer and frac well; Blow well and CO to CIBP at 3950'. Land tubing at 3940'.

2-3/8" tubing at 3940'
(126 jts, EUE with F nipple)

TOC @ 3694' ('89 CBL)

Fruitland Coal Perforations:
3814' - 3940'

CIBP set at 3950' (10/89)

Pictured Cliffs Perforations:
3958' - 3990'
Sqz'd during completion with total 365
sxs and re-perforated again.

4-1/2" 9.5# J-55 Casing set @ 4107'
Cemented with 175 sxs

Jicarilla 117 E #1

Proposed P&A

Basin Fruitland Coal

SW, Section 33, T-26-N, R-3-W, Rio Arriba County, NM

API 30-039-06198

Long: / Lat:

Today's Date: 07/24/01

Spud: 6/14/56

PC Completion: 8/10/56

FtC Completion: 11/08/89

Elevation: 7374' GI

9-7/8" hole

Casing Repair
187' to surface
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Nacimiento @ 1535'

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Fruitland @ 3789'

Pictured Cliffs @ 3947'

6-3/4" hole

TD 4107'

7-5/8" 24# H-40 Casing set @ 117'
Cmt w/ 75 sxs (Circulated to Surface)

Plug #4 167' – Surface
Cement with 13 sxs

Plug #3 1585' – 1485'
Cement with 36 sxs,
24 sxs outside casing
and 12 sxs inside.

Cmt Retainer @ 1535'

Perforate @ 1585'

Plug #2 3550' – 3450'
Cement with 36 sxs,
24 sxs outside casing
and 12 sxs inside.

Cmt Retainer @ 3500'

Perforate @ 3550'

TOC @ 3694' ('89 CBL)

Plug #1 3950' – 3653'
Cement with 27 sxs

Fruitland Coal Perforations:
3814' – 3940'

CIBP set at 3950' (10/89)

Pictured Cliffs Perforations:

3958' – 3990'

Sqz'd during completion with total 365
sxs and re-perforated again.

4-1/2" 9.5# J-55 Casing set @ 4107'
Cemented with 175 sxs

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
Albuquerque Field Office
435 Montano N.E.
Albuquerque, New Mexico 87107

Company Energen Resources Corporation

Well No. Jicarilla 117E No. 1

Location 869' FSL & 1700' FWL Sec. 33, T26N, R3W, NMPM

Lease No. Jicarilla Contract 36

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700
Manager: Steve Anderson, Assistant Field Manager 505.761.8982
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,
Pager 505.381.0346, Cell 505.249.7922,
Petroleum Engineering Technician: **Bryce Hammon, Office 505.759.1823, x-31, Cell 505.320.9741**
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

GENERAL REQUIREMENTS
FOR
OIL AND GAS OPERATIONS FEDERAL & INDIAN LEASES

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :
N/A

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.