

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

070 FARMINGTON

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)

990' FNL, 1650' FEL, Sec.02, T24N, R05W, N.M.P.M.
NW/NE

5. Lease Serial No.

Jicarilla Contract 35

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 35 # 3

9. API Well No.

30-039-21340 21304

10. Field and Pool, or Exploratory Area

Ballard Pictured Cliffs
Otero Chacra

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

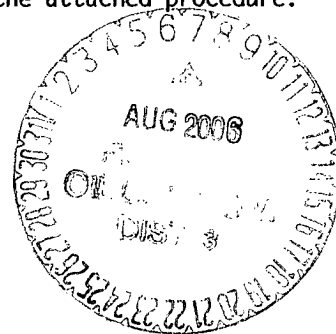
- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

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 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 the Jicarilla 35 #3 according to the attached procedure.

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

Vicki Donaghey

Title

Regulatory Analyst

Date

07/31/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 04 2006

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.

NMOCN

PLUG AND ABANDONMENT PROCEDURE

July 27, 2006

Jicarilla 35 #3

South Blanco Pictured Cliffs / Otero Chacra
990' FNL & 1650' FEL, Section 2, T24N, R5W
Rio Arriba County, New Mexico, API #30-039-21304

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 2.375" tubing, total tally, 3431' with SN at 3427'. If necessary LD tubing and PU workstring. Round trip 5.5" gauge ring or casing scraper to 2716'.
Chacra Plug 3649' - 3599' or BP = 3572' capped with 100' cement plug
3. **Plug #1 (Chacra perforations, Pictured Cliffs perforations and Fruitland tops, 2716' - 2481')**: TIH and set CR at 2716'. Pressure test tubing to 1000#. Load casing. Attempt to pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 30 sxs Type III cement and spot a plug inside the casing above CR to isolate the Chacra, Pictured Cliffs interval and cover the Fruitland top. TOH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2455' - 2180')**: Perforate 3 squeeze holes at 2455'. Attempt to establish rate into squeeze holes if the casing pressure tested. Note: 1977 Sundry indicates T.S. run at 2100'. Energen has no record of a T.S. and approved TOC at 2496' and perforating at 2455'. Set 5.5" cement retainer at 2405'. Establish rate into squeeze holes. Mix and pump 107 sxs cement, squeeze 73 sxs outside the casing and leave 34 sxs inside casing to cover through the Ojo Alamo top. TOH with tubing.
943' 843' 943'
5. **Plug #3 (Nacimiento top, 800' - 700')**: Perforate 3 squeeze holes at 800'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 5.5" cement retainer at 750'. Establish rate into squeeze holes. Mix and pump 43 sxs cement, squeeze 27 sxs outside the casing and leave 16 sxs inside casing to cover the Nacimiento top. PUH with tubing to 270'.
6. **Plug #4 (8.625" casing shoe and surface, 270' - Surface)**: Connect the pump line to the bradenhead valve. Pressure test the BH annulus to 300#; note the fluid volume to load. If the BH annulus tests, then mix 30 sxs Type III cement and spot a balanced plug inside the 5.5" casing, circulate cement to surface out the casing valve. TOH and LD the tubing. If the BH annulus does not test, then perforate at the appropriate depth set and spot cement to surface. TOH and LD tubing. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Jicarilla 35 #3

Proposed P&A

South Blanco Pictured Cliffs / Otero Chacra

990' FNL & 1650' FEL, NE, Section 2, T-24-N, R-5-W

Rio Arriba County, NM / API #30-039-21304

Today's Date: 7/27/06

Spud: 1/17/77

Completion: 3/17/77

Elevation: 6743' GI
6756' KB

Nacimiento @ 750'

Ojo Alamo @ 2230'

Kirtland @ 2405'

Fruitland @ 2531'

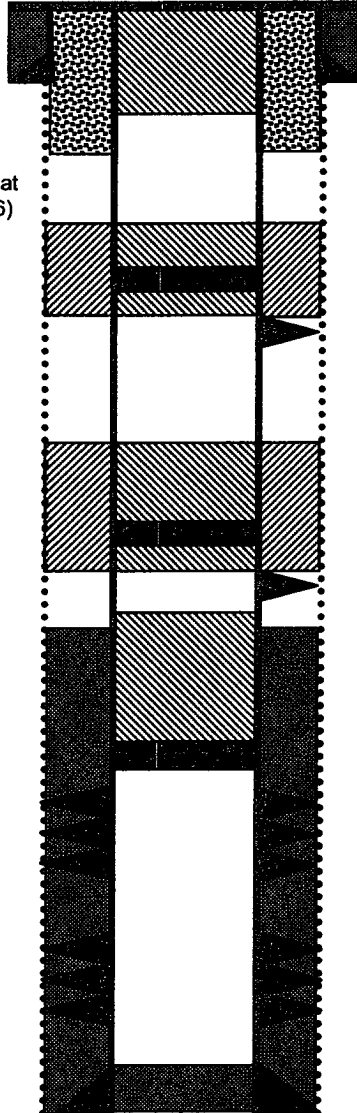
Pictured Cliffs @ 2764'

Chacra @ 3600'

12.25" hole

Sqz'd bradenhead leak at
300' with 200 sxs (2006)

7.875" hole



8.625" 32#, K-55 Casing set @ 220'
Cement with 150 sxs (Circulated to Surface)

Plug #4: 270' - 0'
Type III cement, 30 sxs

Set CR @ 750'

Plug #3: 800' - 700'
Type III cement, 43 sxs:
27 outside and 16 inside

Perforate @ 800'

Set CR @ 2405'

Plug #2: 2455' - 2180'
Type III cement, 107 sxs:
73 outside and 34 inside

Perforate @ 2455'

TOC @ 2496' (Calc, 75%)

Plug #1: 2716' - 2481'
Type III cement, 30 sxs

Set CR @ 2716'

Pictured Cliffs Perforations:
2766' - 2776'

Chacra Perforations:
3622' - 3734'

5.5" 14#/15.5#, ST & C Casing set @ 3777'
Cemented with 250 sxs (295 cf)

TD 3777'
PBTD 3750'

Jicarilla 35 #3

Current

South Blanco Pictured Cliffs / Otero Chacra

990' FNL & 1650' FEL, NE, Section 2, T-24-N, R-5-W

Rio Arriba County, NM / API #30-039-21304

Today's Date: 7/27/06

Spud: 1/17/77

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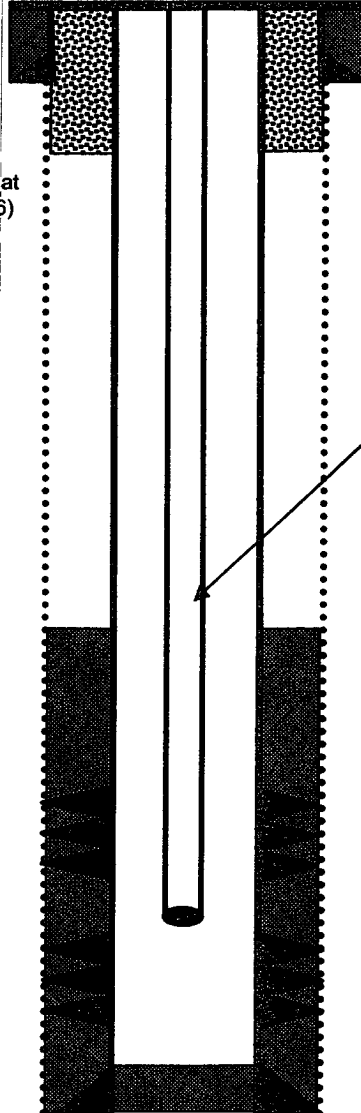
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300' with 200 sxs (2006)

7.875" hole



8.625" 32#, K-55 Casing set @ 220'
Cement with 150 sxs (Circulated to Surface)

WELL HISTORY

Sep '78: Production commingled.

Jan '06: Bradenhead Repair. Isolate leak at
300' and squeeze with 200 sxs. Drill out. PT
bradenhead squeeze to 300#. Land tubing
at 3431'.

2.375" Tubing at 3431'
(SN @ 3427')

TOC @ 2496' (Calc, 75%)

Pictured Cliffs Perforations:
2766' - 2776'

Chacra Perforations:
3622' - 3734'

5.5" 14#/15.5#, ST & C Casing set @ 3777'
Cemented with 250 sxs (295 cf)

TD 3777'
PBTD 3750'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from August 3 2006 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.