

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RECEIVED
BLM

5. Lease Designation and Serial No.

Jicarilla Contract 418

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla Contract 10A #4

9. API Well No.

30-039-05637

10. Field and Pool, or exploratory Area

Wildcat 5 Blance pc

11. County or Parish, State

Rio Arriba NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

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

1650' FSL, 990' FWL, Sec. 3, T24N, R5W, N.M.P.M.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

R&G Drilling Company, Inc., was once the operator and now unable to plug and abandon the well.

As indicated by the Bureau of Indian Affairs, Jicarilla Agency, Energen Resources Corporation is the Record Title Holder of the lease and demanded the well be plugged and abandoned.

Energen Resources Corporation therefore assumes operatorship of the well and intends to plug and abandon the subject well according to the attached procedure and wellbore diagram.

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

Signed [Signature]

Title Production Foreman

Date 2/19/99

(This space for Federal or State office use)

Approved by [Signature]

Title Lands and Mineral Resources

Date MAR 15 1999

Conditions of approval, if any:

Surface conditions in attached letter.

Title 18 U.S.C. Section 1001, 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.

PLUG & ABANDONMENT PROCEDURE

2-16-99

Jicarilla Contract 10A #4

Wildcat

1650 FSL, 990 FWL, Section 3, T-24-N, R-5-W

Rio Arriba Co., New Mexico

Note: All cement volumes use 100% excess outside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations.
2. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP. Tally and prepare tubing workstring. Round-trip 5-1/2" gauge ring or casing scraper to 2480'.
3. **Plug #1 (Pictured Cliffs interval, Fruitland and Kirtland tops, 2480' - 2110')**: Set 5-1/2" wireline CIBP or CR at 2480'. TIH with tubing and tag CIBP. 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. Mix 49 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs interval and cover Kirtland top. PUH to 2070' and reverse circulate well clean. TOH with tubing. If casing did not test, then WOC and tag cement.
4. **Plug #2 (Ojo Alamo top, 2060' - 1960')**: Perforate 3 HSC squeeze holes at 2060'. If casing tested, then attempt to establish rate into squeeze holes. If able to pump into squeeze holes, then TIH with cement retainer and set at 2010'. Mix 46 sxs Class B cement, squeeze 29 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Ojo Alamo top. If unable to pump into squeeze holes, then TIH with tubing to 2110' or TOC from plug #2. Mix 23 sxs Class B cement and spot a balanced plug inside casing to cover squeeze holes and Ojo Alamo top. TOH with tubing.
5. **Plug #3 (Nacimiento top, 535' - 435')**: Perforate 3 HSC squeeze holes at 535'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 485'. Establish rate below CR into squeeze holes. Mix 46 sxs Class B cement, squeeze 29 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
6. **Plug #4 (8-5/8" Surface casing at 86')**: Perforate 3 HSC squeeze holes at 136'. Establish rate out bradenhead valve. Mix and pump approximately 40 sxs Class B cement down 5-1/2" casing from 136' to surface, circulate good cement out bradenhead valve. Shut well in 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 and cut off anchors. Restore location.

Jicarilla Contract 10A #4

Current

SW Section 3, T-24-N, R-5-W, Rio Arriba County, NM

Today's Date: 2/16/99

Spud: 4/4/55

Completed: 5/18/55

Elevation: 6617' (GL)
6623' (KB)

12-1/4" hole

8-5/8" 28# Csg set @ 86',
Cement with 50 sxs (Circulated to Surface)

Nacimiento @ 485'

Ojo Alamo @ 2010'

TOC @ 2004' (Calc. 75%)

Kirtland @ 2160'

Fruitland @ 2368'

Pictured Cliffs @ 2510'

7-7/8" hole

5-1/2" 14# Csg set @ 2515'
Cmt with 100 sxs

4-3/4" hole

Open Hole Pictured Cliffs:
2515' - 2606'

TD 2606'

Jicarilla Contract 10A #4

Proposed P & A

SW Section 3, T-24-N, R-5-W, Rio Arriba County, NM

Today's Date: 2/16/99

Spud: 4/4/55

Completed: 5/18/55

Elevation: 6617' (GL)
6623' (KB)

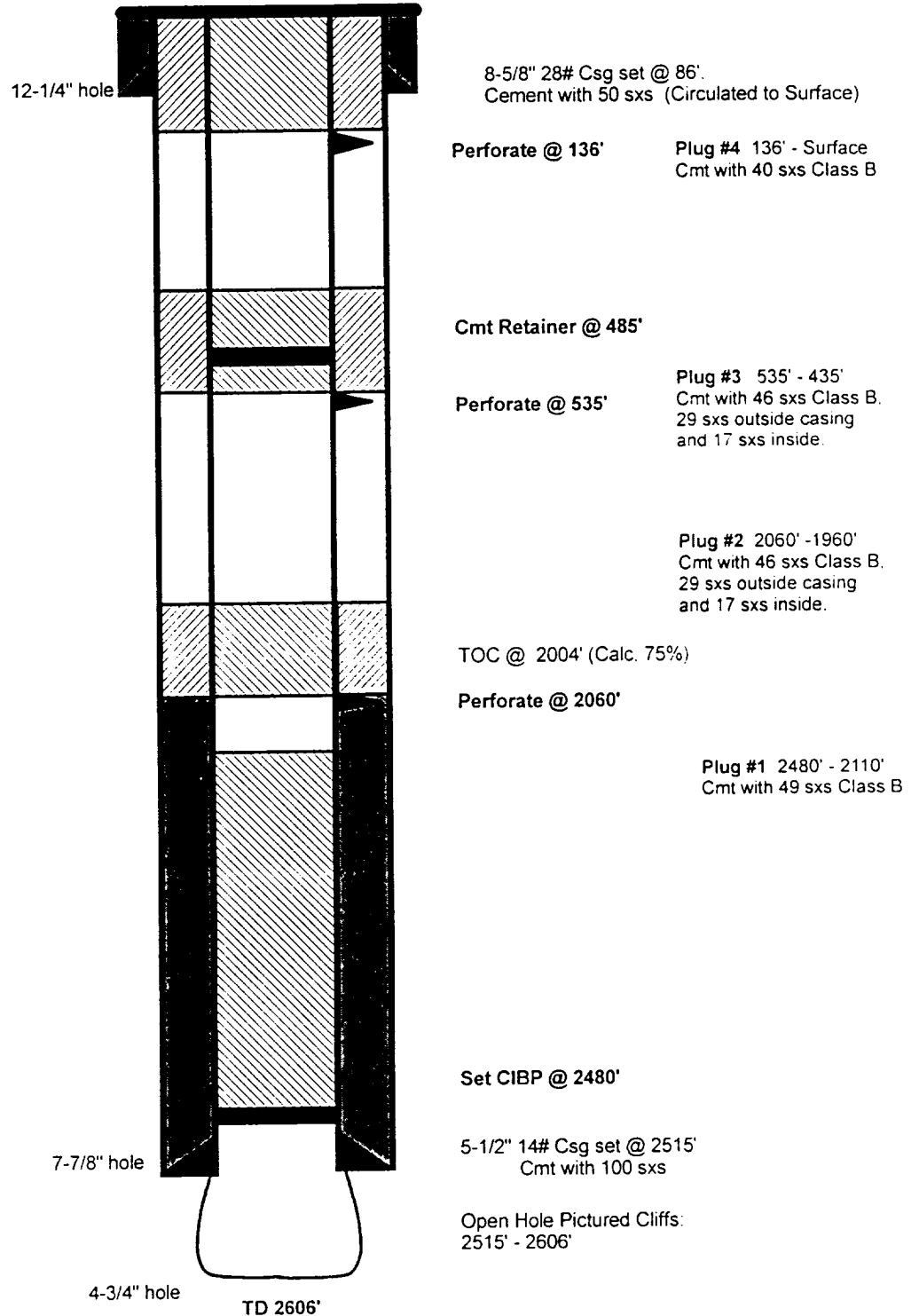
Nacimiento @ 485'

Ojo Alamo @ 2010'

Kirtland @ 2160'

Fruitland @ 2368'

Pictured Cliffs @ 2510'



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Energen Resources Corp. Well Name Jic 418 10A #4

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

None.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Albuquerque Field Office
435 Montañito Rd. N.E.
Albuquerque, New Mexico 87107- 4935
www.nm.blm.gov



IN REPLY REFER TO:

Jicarilla Contract 418
Jicarilla 10A #4
3162.3-4 (010)

MAR - 8 1999

Energen Resources Corporation
Attention: Don Graham
2198 Bloomfield Highway
Farmington, NM 87401

Dear Mr. Graham:

The following conditions of approval must be complied with (as applicable) before the Jicarilla 10A #4 located 1650' FSL & 990' FWL, Section 3, T 22 N., R 5 W., can be approved for final abandonment. Notify the Bureau of Indian Affairs (BIA), Real Property Office, of Harold TeCube, at (505) 759-3983 prior to beginning surface restoration.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
2. Any oily soil or fluids must be properly disposed of in an approved disposal area.
3. Pits must be filled in and the edges of the pads shaped to conform to the natural terrain.
4. Pads must be leveled, dressed up by a maintainer, ripped and disked.
5. Access roads must be leveled, waterbarred, disked and blocked off with earthen berms at the at the junction with the main road and at the entrance to the well pad. Waterbars should be spaced as shown below.

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

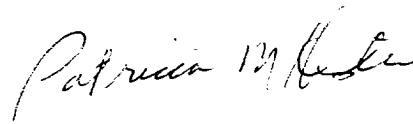
All waterbars should divert water to the downhill side of the road.

6. All disturbed areas will be seeded with the prescribed seed mix (reseeding may be required). Reseeding should be done using pounds pure-live seed per acre. To avoid the introduction of noxious weeds, only certified seed should be used. The following seed mix is suggested unless otherwise recommended by the BIA, Jicarilla Agency, Real Property Office.

Western Wheat Grass 8
Intermediate Wheat Grass 9
Galleta Grass 2
Alkali Sacaton 1
Blue Grama 1

After one growing season, notify us by Sundry Notice of Final Abandonment. We will schedule an inspection to check the well site and surface restoration. Final approval for surface restoration will be given in concurrence with the BIA, Jicarilla Agency, Real Property.

Sincerely,

A handwritten signature in cursive script, appearing to read "Patricia M. Hester".

Patricia M. Hester
Surface Protection/Geologist

cc:
Harold TeCube, Real Property, BIA