

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

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)

1450' FSL, 990' FEL, Sec. 11, T26N, R3W, N.M.P.M.

5. Lease Designation and Serial No.

JIC 96

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla 96 10

9. API Well No.

30-039-06540

10. Field and Pool, or exploratory Area

Gavilan Pictured Cliffs

11. County or Parish, State

Rio Arriba NM

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.)*

It is intended to plug and abandon this well as per the attached plugging procedure.

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

Signed *John Graham*

Title Production Foreman

Date 6-28-99

(This space for Federal or State office use)

Approved by *[Signature]*

Title Lands and Mineral Resources

Date AUG 10 1999

Conditions of approval, if any:

Surface restoration in attached ltr.

PLUG & ABANDONMENT PROCEDURE

6-28-99

Jicarilla 96 #10
Gavilan Pictured Cliffs
1450' FSL & 990' FEL, Section 11, T-26-N, R-3-W
Rio Arriba Co., New Mexico

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.

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 while visually inspecting 1-1/4" tubing, total 3694'. If necessary LD tubing and PU workstring. Round-trip 2-7/8" wireline gauge ring to 3565'.
3. **Plug #1 (Pictured Cliffs and Fruitland top, 3565' – 3284')**: RIH and set 2-7/8" wireline CIBP at 3565'. TIH with tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#, if casing does not test then spot or tag subsequent plug as appropriate. Mix 10 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate PC perforations and cover Fruitland top. PUH to 3130'.
4. **Plug #2 (Ojo Alamo top, 3130' - 3030')**: Mix and spot 5 sxs Class B cement inside casing to cover Ojo Alamo top. TOH with tubing. Pressure test casing if necessary.
5. **Plug #3 (Nacimiento top, 1751' - 1651')**: Perforate 3 squeeze holes at 1751'. Attempt to establish rate into squeeze holes if casing tested. Mix and pump 40 sxs Class B cement down 2-7/8" casing, squeeze 30 sxs outside casing and displace to 1200' inside. WOC and tag cement. If casing leaks before perforating squeeze holes at 1751', then set 2-7/8" wireline cement retainer at 1701'. Establish rate into squeeze holes. Mix 35 sxs Class B cement and squeeze 30 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
6. **Plug #4 (7-5/8" casing shoe at 298')**: Perforate 2 squeeze holes at 348'. Establish circulation out bradenhead valve. Mix and pump approximately 80 sxs Class B cement down 2-7/8" casing, circulate cement out bradenhead valve. 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 96 #10

Current

Gavilan Pictured Cliffs

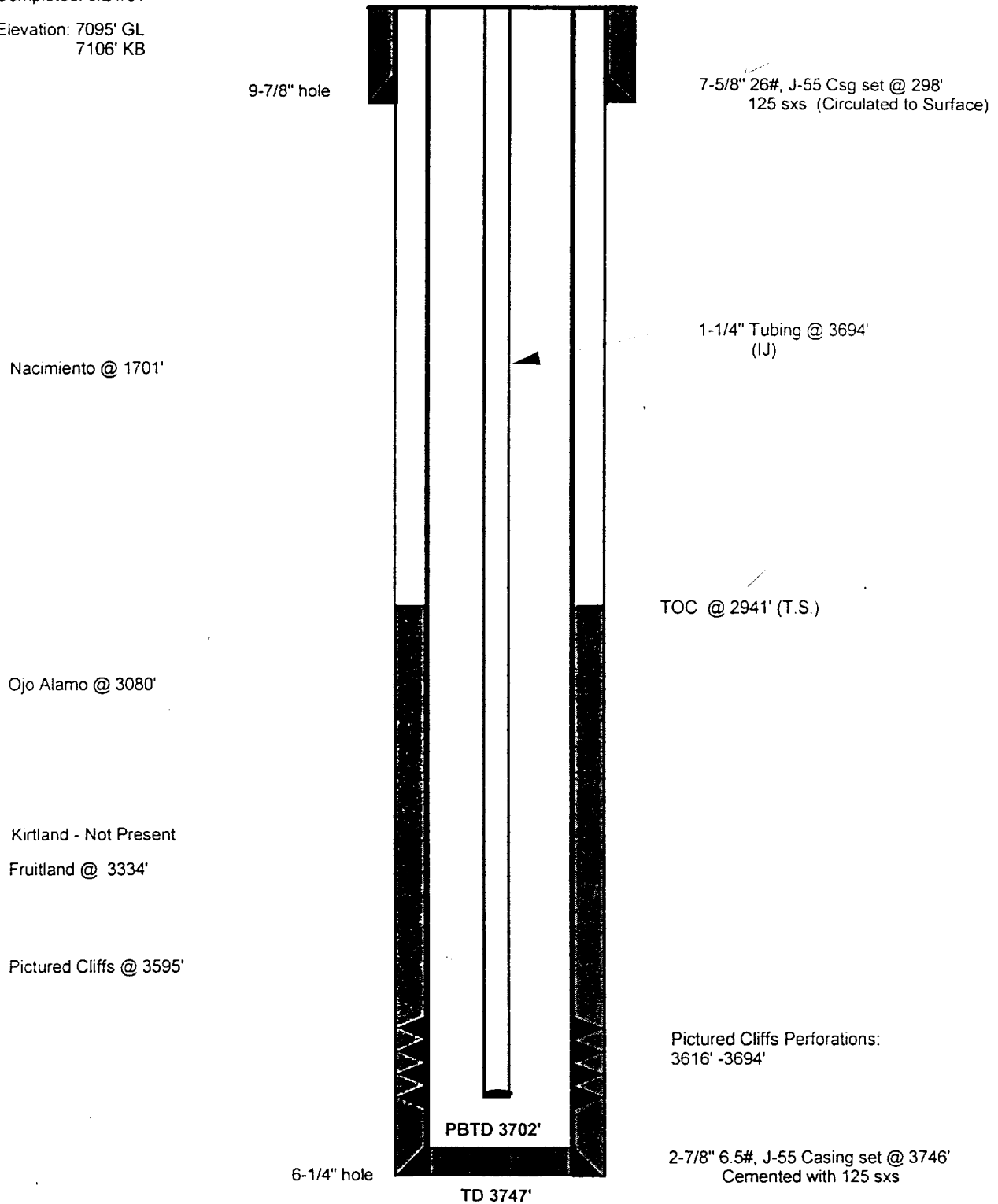
SE Section 11, T-26-N, R-3-W, Rio Arriba County, NM

Today's Date: 6/28/99

Spud: 8/21/61

Completed: 9/21/61

Elevation: 7095' GL
7106' KB



Jicarilla 96 #10

Proposed P&A

Gavilan Pictured Cliffs

SE Section 11, T-26-N, R-3-W, Rio Arriba County, NM

Today's Date: 6/28/99

Spud 8/21/61

Completed: 9/21/61

Elevation: 7095' GL
7106' KB

Nacimiento @ 1701'

Ojo Alamo @ 3080'

Kirtland - Not Present

Fruitland @ 3334'

Pictured Cliffs @ 3595'

9-7/8" hole

6-1/4" hole

PBTD 3702'

TD 3747'

7-5/8" 26#, J-55 Csg set @ 298'
125 sxs (Circulated to Surface)

Perforate @ 348'

Plug #4 348' - Surface
Cmt with 80 sxs Class B

Cmt Retainer @ 1701'

Plug #3 1751' - 1651'
Cmt with 35 sxs Class B,
30 sxs outside casing
and 5 sxs inside.

Perforate @ 1751'

TOC @ 2941' (T.S.)

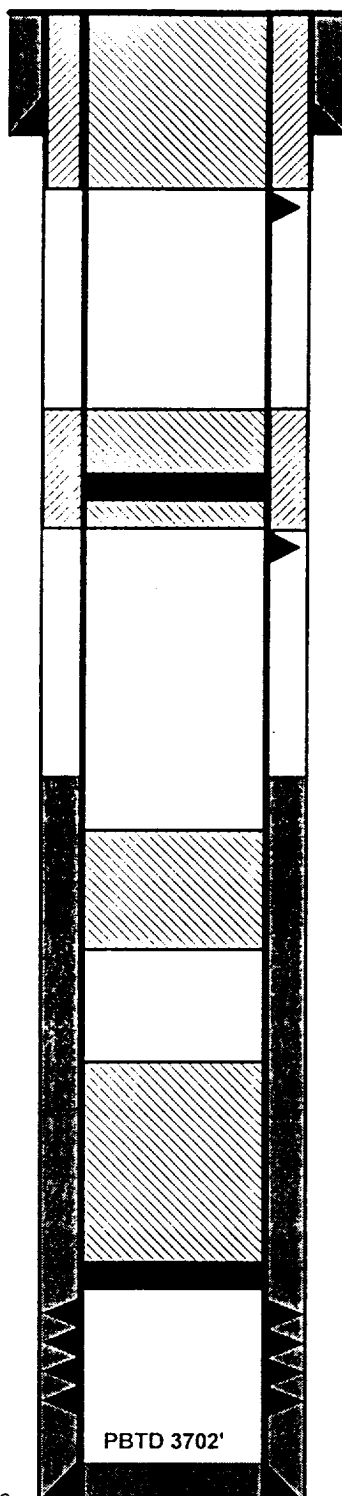
Plug #2 3130' - 3030'
Cmt with 5 sxs Class B

Plug #1 3565' - 3284'
Cmt with 10 sxs Class B

Set CIBP @ 3565'

Pictured Cliffs Perforations:
3616' -3694'

2-7/8" 6.5# J-55 Casing set @ 3746'
Cemented with 125 sxs



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Energen Resources Well Name Jic 96 #10

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:

3162.3-4 (010)

AUG 10 1999

Energen Resources Corporation
2198 Bloomfield Highway
Farmington, NM 87401

Attention: Mr. Don Graham

Dear Mr. Graham:

The following conditions of approval must be complied with (as applicable) before the Jicarilla 96 #10, located 1450' FEL and 990' FEL, Section 11, T. 26 N., R. 3 W., can be approved for final abandonment. Notify the Bureau of Indian Affairs, 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 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'

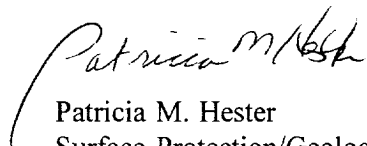
All waterbars should divert water to the downhill side of the road.

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 recommended for the location.

Western Wheat Grass	2
Galleta Grass	2
Indian Rice Grass	2
Blue Grama	2

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. If you have any questions, please contact me at (505) 761-8786.

Sincerely,



Patricia M. Hester
Surface Protection/Geologist

Enclosure

cc:

Mr. Harold TeCube
Real Property, BIA
P.O. Box 167
Dulce, NM 87528