

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

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)

990' FSL, 990'FWL, Sec. 22, T27N, R3W, N.M.P.M.

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

JIC 94

6. If Indian, Allottee or Tribe Name

Jicarilla

7. If Unit or CA, Agreement Designation

Well Name and No.

Jicarilla 94 3

9. API Well No.

94-039-06965

10. Field and Pool, or exploratory Area

Gavilan PC

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.)*

Energen Resources proposes to plug and abandon this well per the attached procedure.

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

Signed *[Signature]*

Title Production Foreman

Date 4/8/99

(This space for Federal or State office use)

Approved by *[Signature]*

Title

Lands and Mineral Resources

Date

MAY 17 1999

Conditions of approval, if any:

PLUG AND ABANDONMENT PROCEDURE

4-6-99

Jicarilla 94 #3
Blanco Mesaverde / Gavilan Pictured Cliffs
990' FSL and 990' FWL, Section 22, T27N, R3W
Rio Arriba County, 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.

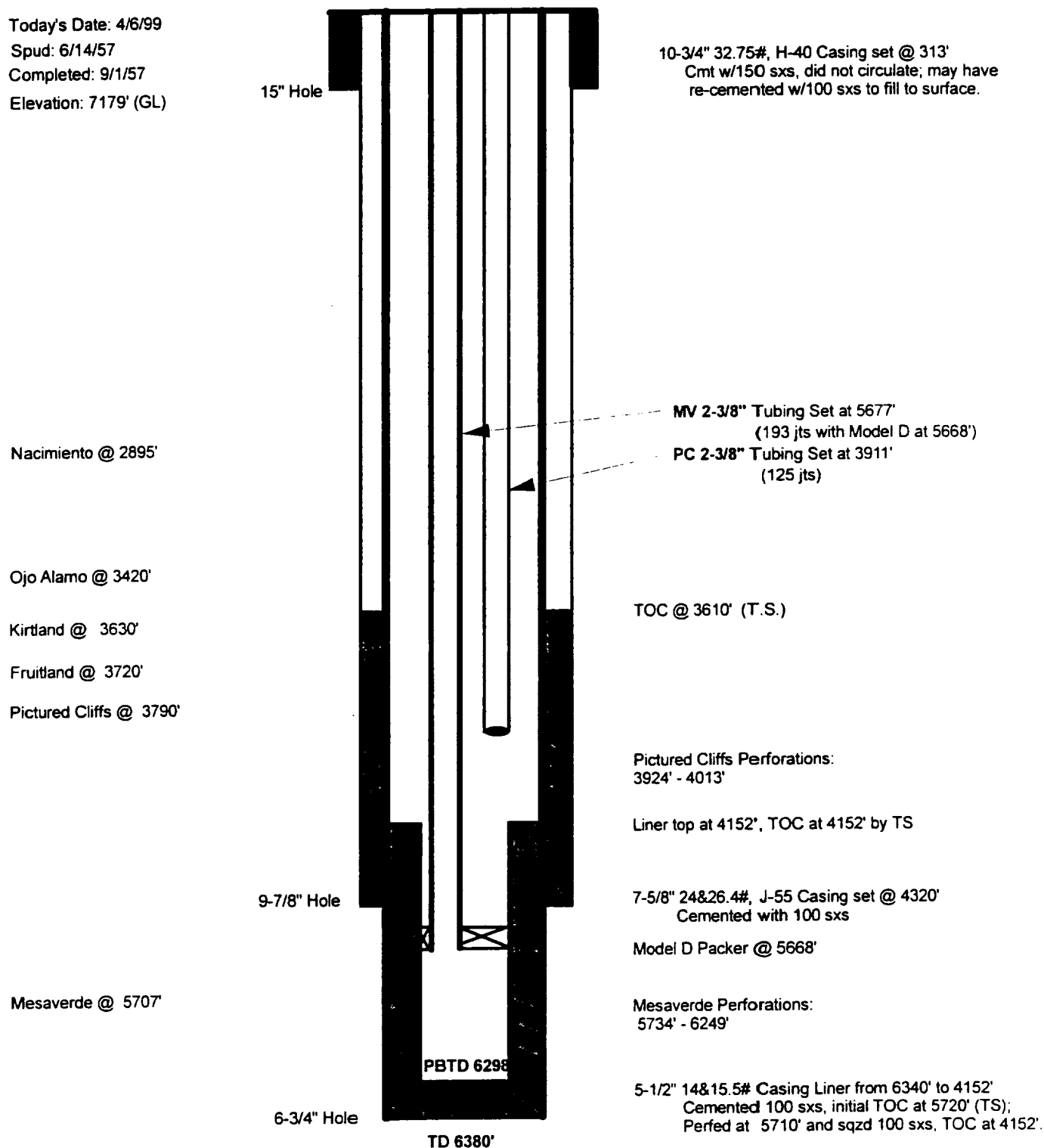
1. Install and test location rig anchors. Dig and line pit for waste fluid. Comply with all NMOCD, BLM, and Energen safety regulations.
2. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP. (NU offset spool) TOH and LD 2" PC tubing, 3911'. PU on 2" MV tubing and pull Model D seal assembly from packer body at 5668'. TOH and LD seal assembly while visually inspecting tubing. If unable to pull seal assembly then cut tubing above packer as deep as possible. TOH with MV tubing.
3. **Plug #1 (Mesaverde perforations, 5620' – 5580')**: Run 5-1/2" gauge ring to 5620'. Set 5-1/2" CIBP or CR and at 5620'. TIH with tubing and tag CIBP. Pump 50 bbls water down tubing. Mix and spot 12 sxs Class B cement above CIBP to isolate Mesaverde perforations. PUH to 4370'.
4. **Plug #2 (7-5/8" casing shoe and 5-1/2" liner top, 4370' – 4102')**: Mix 48 sxs Class B cement and spot a plug to cover the casing shoe and to cover the liner top. TOH with tubing. Round-trip 7-5/8" gauge ring to 3874'.
5. **Plug #3 (Pictured Cliffs perforations and Fruitland and Kirtland tops, 3874' – 3580')**: Set 7-5/8" CIBP or CR at 3874'. TIH with tubing and tag CIBP. Load well with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 79 sxs Class B cement and spot a balance plug above CIBP to isolate Pictured Cliffs perforations and to cover the Kirtland top. PUH to 3500' and reverse. TOH.
6. **Plug #4 (Ojo Alamo top, 3470' – 3370')**: Perforate 3 squeeze holes at 3470'. Set 7-5/8" cement retainer at 3420'. TIH with tubing and sting into CR. Pressure test tubing to 1000# and establish rate into squeeze holes. Mix 70 sxs Class B cement, squeeze 36 sxs cement outside 7-5/8" casing and leave 34 sxs cement inside casing to cover Ojo Alamo top. TOH with tubing.
7. **Plug #5 (Nacimiento top, 2945' – 2845')**: Perforate 3 squeeze holes at 2945'. Set 7-5/8" cement retainer at 2895'. TIH with tubing and sting into CR, establish rate into squeeze holes. Mix 70 sxs Class B cement and squeeze 36 sxs cement outside 7-5/8" casing and leave 34 sxs cement inside casing to cover Nacimiento top. TOH and tubing.
8. **Plug #6 (10-3/4" Surface Casing at 313')**: Perforate 3 squeeze holes at 363'. Establish circulation out bradenhead valve. Mix and pump approximately 170 sxs Class B cement down 7-5/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location. Backfill pit and clean up location.

Jicarilla 94 #3

Current

Blanco Mesaverde /Gavilan Pictured Cliffs
SW, Section 22, T-27-N, R-3-W, Rio Arriba County, NM

Today's Date: 4/6/99
Spud: 6/14/57
Completed: 9/1/57
Elevation: 7179' (GL)



Jicarilla 94 #3

Proposed P&A

Blanco Mesaverde /Gavilan Pictured Cliffs
SW, Section 22, T-27-N, R-3-W, Rio Arriba County, NM

Today's Date: 4/6/99
Spud: 6/14/57
Completed: 9/1/57
Elevation: 7179' (GL)

Nacimiento @ 2895'

Ojo Alamo @ 3420'

Kirtland @ 3630'

Fruitland @ 3720'

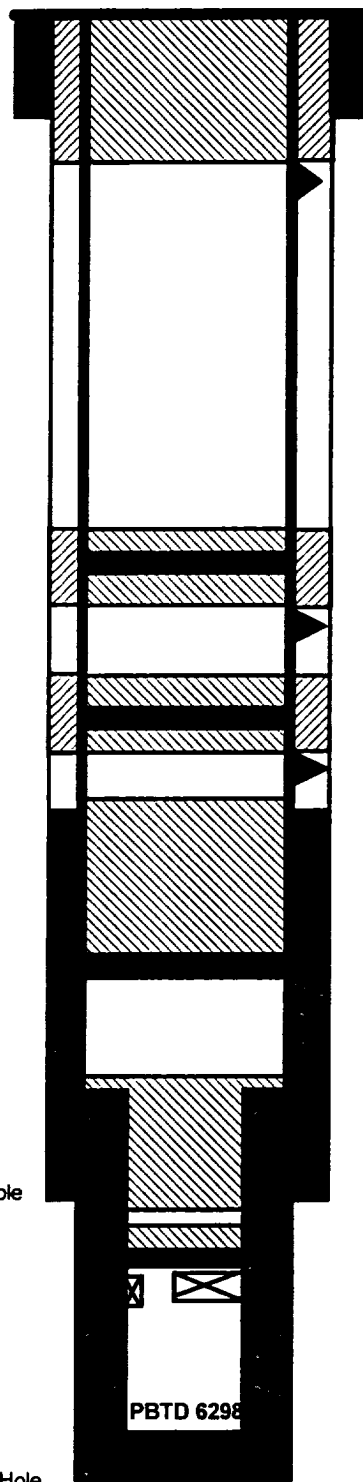
Pictured Cliffs @ 3790'

Mesaverde @ 5707'

15" Hole

9-7/8" Hole

6-3/4" Hole



10-3/4" 32.75#, H-40 Casing set @ 313'
Cmt w/150 sxs, did not circulate; may have
re-cemented w/100 sxs to fill to surface.

Perforate @ 363'

Plug #6 363' - Surface
Cmt with 170 sxs Class B

Cmt Retainer @ 2895'

Plug #5 2945' - 2845'
Cmt with 70 sxs Class B.
36 sxs outside casing
and 34 sxs inside.

Perforate @ 2945'

Cmt Retainer @ 3420'

Plug #4 3470' - 3370'
Cmt with 70 sxs Class B.
36 sxs outside casing
and 34 sxs inside.

Perforate @ 3470'

TOC @ 3610' (T.S.)

Plug #3 3874' - 3580'
Cmt with 79 sxs Class B

Set CIBP @ 3874'

Pictured Cliffs Perforations:
3924' - 4013'

Liner top at 4152',
TOC at 4152' by TS

Plug #2 4370' - 4102'
Cmt with 48 sxs Class B

7-5/8" 24&26.4#, J-55 Casing set @ 4320'
Cemented with 100 sxs

Set CIBP @ 5620'

Model D Packer @ 5668'

Plug #1 5620' - 5580'
Cmt with 12 sxs Class B

Mesaverde Perforations:
5734' - 6249'

5-1/2" 14&15.5# Casing Liner from 6340' to 4152'
Cemented 100 sxs, initial TOC at 5720' (TS);
Perfed at 5710' and sqzd 100 sxs, TOC at 4152'.

PBTD 6298

TD 6380'

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Energen Resources

Well Name Jic 94 #3

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 :

Top of the Nacimiento Formation is estimated at 1620 feet.
Move Plug #5 to cover from 1670' to 1570'.