

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. 1004-035

5. Lease Designation and Ser. No.

JAT A118

6. If Indian, Allottee or Tribe Name

Jicarilla Apache Corp.

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well:

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

JAT A118 #13

2. Name of Operator

Apache Corporation

9. API Well No.

3003923707

3. Address and Telephone No.

2855 Southside River Road Suite A, Farmington, NM 87401 505-325-0318

10. Field and Pool, or Exploratory Area

NE Ojito Gal/Dak

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

2260' FNL x 1970' FWL Sec 35, T26N, R3W

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

TYPE OF ACTION

☒ Notice of Intent

☒ Abandonment

Change of Plans

Recompletion

New Construction

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other _____

Dispose Water

Final Abandonment Notice

(Note: Report results of multiple completions on Well Completion or Recompletion Report and LogForm.)

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.)

Apache Corporation re-completed this well in the Mesa Verde formation (attached Sundry Notice 8-19-03). The well was first delivered into Williams Field Services on 8-3-03, and as of 8-26-03 was producing 17 MCFD, 0 BOPD, and 14 BWPD, which is uneconomical to produce.

Apache Corporation has shut the well in pending the proposed P&A. (Also see attached approved P&A Sundry 4-6-2000)

All cement - Class B 1536# gal. Spacer fluid - fresh water

CIBP @ 7124' (leaked)

CIBP @ 7057' (pressure tested to 3000 PSI)

1. MIRUSU. TOH with rods and tubing.

14. I Certify that the foregoing is true and correct.

Signed

Title Sr. Production Foreman

Date

8-28-03

(This space for Federal or State office use)

Approved by

/s/ David R. Sitzer

Division of Multi-Resources

SEP 10 2003

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency to the United States any false, fictitious or

Fraudulent statements or representations as to any matter within its jurisdiction.

TIH w/tbg, open ended to CIBP @ 7057'. Spot 17 sx(20.06 ft₃) cmt from 6907' to 7057'.

2. If wellbore stays loaded, TOH to 5750'. Spot 30 sx (35.4 ft₃) cmt from 5485' to 5750'. TOH to 4500'. WOC, tag cmt top.

- If wellbore is taking fluid, set CIBP @ 5750': Spot 17 sx(20.06 ft₃) f/ 5600' to 5750'.

3. Press test csg to 500 PSI.

4. TOH, setting cmt plugs:

- 77 sx(90.86 ft₃) from 3395' to 4075' covering Ojo Alamo, Fruitland, and Pictured Cliffs tops.

- 17 sx(20.06 ft₃) from 1550' to 1700' covering Nacimiento top.

- 42 sx(49.56 ft₃) from surface to 368'.

5. Cut off wellhead, fill voids w/cmt., install P&A marker.

6. Remediate location as per enclosed "BLM Conditions of Approval."

Well File

UNITED STATES
DEPARTMENT OF THE INTERIOR
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FORM APPROVED

Budget Bureau No.1004-035

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JAT A118

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X Oil Well Gas Well Other

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2260' FNL x 1970' FWL Sec 35, T26N, R3W

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Rio Arriba, NM

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

TYPE OF SUBMISSION

Notice of Intent

X Subsequent Report

Final Abandonment Notice

TYPE OF ACTION

Abandonment

X 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 completions on Well Completion or Recompletion Report and LogForm.)

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

Apache Corporation recompleted this well to the Mesa Verde per the attached reports.

14. I Certify that the foregoing is true and correct.

Signed Stanley L. Lally Title Sr. Production Foreman

Date 8-19-03

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

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Rc complete well to Mc a Verde

Well Name: JAT A118 #13

Date: 8-15-03

Nov-01 Start P&A operation. Set cmt. ret. and 17 sx cmt over Dak perms.
Suspend P&A pending re-completion evaluation.

7/1/2003 MIRUSU. Pull tbq.

7/2/2003 Set CIBP @ 7124'. Press test csg to 3000 PSI - OK.

7/3/2003 FL dropped in csg. Ran 5 1/2" pkr, set above CIBP.
Press test CIBP - failed. Wireline set another CIBP @ 7057'. Press test csg to 3000 PSI - held. Ran CBL, GR, CCL log from 5800' to 6304'. Good cmt bond and isolation across MV. Perforate csg @ 4 SPF, 52 holes @ 6177' - 6184', 6194' - 6200'.

7/7/2003 Ran pkr. Breakdown and acidize MV perms. Swab.

7-8,9,10 Swab test. 95 bbls of water to recover. Pull tbq.

7/14/2003 Frac down csg w/ 34,062 gal. 15# x-link gel and 52,000 #20/40 sand. Avg Trt Press 1250, Avg Trt Rate 48 BPM. ISIP 600. TIH w/ tbq.

7-15 to 19 Swab. All frac water recovered.

7/20/2003 Rig shut down. SITP 510, SICP 740

7/21/2003 SITP 710, SICP 950. Blow well down, pull tbq. TIH w/ prod tbq. SN @ 6206'.

7/22/2003 Ran rod pump, rods.

7/23/2003 Set pumping unit, separator, gas flow test meter.
Start vent test.

8/3/2003 First deliver gas sales to Williams Field Service pipeline

DIS 20

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5. Lease Designation and Sec. No

Jicarilla Apache A118

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Jicarilla Apache

7. If Unit or CA, Agreement Designat

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☒ Oil Well Gas Well Other

8. Well Name and No.

JAT A118 #13

2. Name of Operator

Apache Corporation

9. API Well No.

3003923707

3. Address and Telephone No.

2855 Southside River Road, Farmington, NM 87401 505-325-0318

10. Field and Pool, or Exploratory Ar

Lindrith Gallup Dakota

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

2260' FNL x 1970' FWL SW/NW Sec. 35, T26N, R3W

11. County or Parish, State

Rio Arriba, N.M.

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	Recompletion
<input type="checkbox"/> Final Abandonment Notice	Plugging Back
	Casing Repair
	Altering Casing
	Other _____
	(Note: Report results of multiple completions on Well Completion or Recompletion Report and LogForm.)
	Change of Plans
	New Construction
	Non-Routine Fracturing
	Water Shut-Off
	Conversion to Injection
	Dispose Water

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Apache Corporation received a verbal approval to temporarily suspend the P&A operations on this well pending Apache's evaluation of returning the well to Gallup production or a recompletion to the Mesa Verde zone. (Per Brian Davis 11-27-01). The work on the well will be completed in the next few months. If the work is not successful, the P&A operation will resume.

Attached is the operations that were done on 11-26 and 11-27-01.

Apache Corporation will notify the BLM on the outcome of the evaluation and/or work that is completed on the well or prior to the commencement of P&A operations.

14. I Certify that the foregoing is true and correct.

Signed

Title

St. Fred Foreman

Date

11-28-2001

(This space for Federal or State office use)

Approved by

Title

Lands and Mineral Resources

Date

12/7/01

Conditions of approval, if any:

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Plugged Back Wellbore Diagram

11-27-01

Apache Corporation

JAT A118 #13

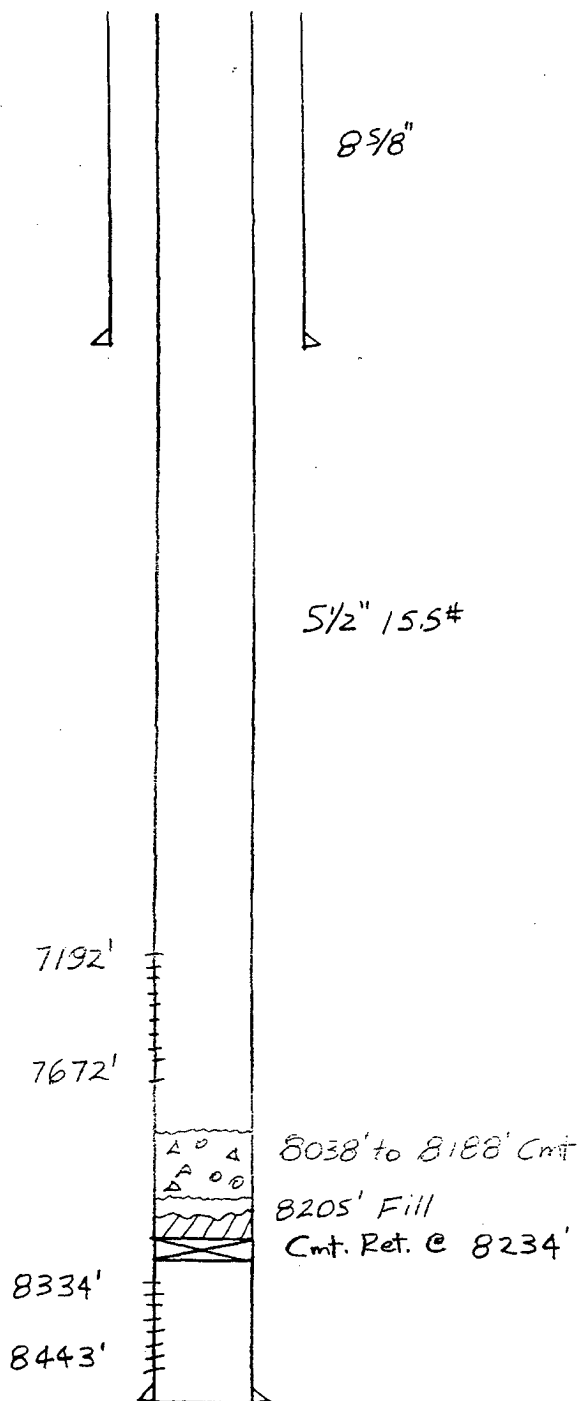
SWNW Sec 5, T26N, R3W

Rio Arriba, NM

11-26-2001 MIRU A-Plus Well Service.

TOH, laying down rods.

11-27-01 Release hbg anchor, T1H. Tag
soft fill @ 8205', hard fill @ 8228'.
Pull hbg back to 8188'. Pump 100 bbls
water, break circ. Spot 17 sx (20.06 ft³)
class B neat cmt from 8038' to 8188'.
TOH to 7147'. Land hbg. SI well.
Rig released.



MAY - 8 2000

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Jicarilla Apache A118

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

7. Is Unit of DA, Agreement Designation

SUBMIT IN TRIPLICATE

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X Oil Well

Gas Well

Other

8. Well Name and No.

JAT A118 #13

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TYPE OF SUBMISSION	TYPE OF ACTION
X Notice of Intent	X Abandonment
Subsequent Report	Recompletion
Final Abandonment Notice	Plugging Back
	Casing Repair
	Altering Casing
	Other
	Change of Plans
	New Construction
	Non-Routine Fracturing
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	Dispose Water

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Apache Corporation proposes to plug and abandon this well.

1) All oil and water circulated from the well will be put into tanks during the operation.

2) A working pit will be constructed for washing up on the cement operations only
And will be closed upon completion of plugging.

3) See enclosed attachments for well schematics and plugging procedures.

14. I Certify that the foregoing is true and correct.

Signed [Signature] Title Sr. Pumper Date April 6, 2000

(This space for Federal or State office use)

Lands and Mineral Resources

Approved by [Signature] Title

Date 5/4/00

Conditions of approval, if any: Surface restoration attached

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency to the United States any false, fictitious or

Fraudulent statements or representations as to any matter within its jurisdiction.

WELL BORE

APACHE CORP.

Well Name A-118 #13Formation GALLUP/DAKOTA

Date

3/2/00

Surface Csg
8 5/8" @ 318'

CASING

5 1/2" 15.5 # J-55 @ 8568

DV TOOL @ 3402

TUBING

227 jts. 7070.87 2 7/8" EUE 6.5# J-55

Tbg. Anc. 3.10 @ 7083'

18 jts 553.47 2 7/8" EUE 6.5# J-55

SN 1.10 @ 7639'

1 JT. 16.10 Cut off jt. Open ended. EOT @ 7657

ROD STRING

2 7/8" x 2',4'

169 7/8" plain

135 3/4" plain

Tubing Anchor 7083'

Seating Nipple 7639'

End of Tbg. 7657'

PUMP

2 1/2 x 1 1/4 x 12 x 16 RHAC

Perfs: Shots/ft

7192-7240 2

7352-7482 2

7510-7672 2

Cmt. Ret. @ 8234' KB

8334-8344 4

8352-8366 4

8374-8404 4

8412-8443 4

PBTD 8500

PLUGGING PROCEDURES FOR JAT. 18 # 13

ALL CEMENT CLASS "B" SPACER FLUID 8.33 #/GAL WATER w/CORROSION INH.

- 1) Remove pumping unit and pad.
- 2) MIRUSU TOH w/rods & pump laying down. Release anchor. TOH w/Tbg.
- 3) TIH w/Tbg. Tag Cmt. Ret @ 8234'. Spot 17 sx. (20.06 cu ft) plug f/8234' to 8084'. To cover Dakota top. TOH w/Tbg.
- 4) Pick up Cmt. Ret. Set @ 7140'. Circ. Hole w/8.33 3/gal. spacer fluid. Pressure test csg. To 500 psi. Spot 17 sx (20.06 cu ft) plug f/7140' to 6990' To cover Gallup top.
- 5) ~~TOH Setting plugs @~~
 - a) MV 17 sx (20.06 cu ft) f/5750 to 5600
 - b) Ojo, Kirt., Fruit., & PC Tops 77 sx (90.86 cu ft) f/4075 to 3395
 - c) Nacimiento 17 sx (20.06 cu ft) f/1700 to 1550' TOH
- 6) Spot 42 sx (49.56 cu ft) plug f/368' to Surface
- 7) Cut off wellhead, fill voids w/cmt, install P & A marker.

APACHE CORP.

Well Name A-118 #13

Formation GALLUP/DAKOTA

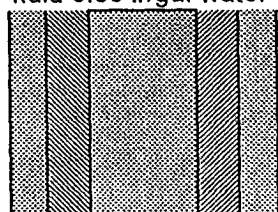
Date

3/2/00

ALL CEMENT CLASS "B"

Spacer fluid 8.33 #/gal water w/corr.inh.

Surface Csg 8 5/8" 24# K-55 @ 318'
300 sx "B" w/2% cacl



Surface
Plug # 6 f/368' to Surface
42 sx (49.56 cuft)

CASING 5 1/2" 15.5 # J-55 @ 8568

DV TOOL @ 3402

1st Stage 688 sx 65-35-6 w/2#/sx tuff plug 1.65 cuft/sx

494 sx 50-50-2 Yeild 1.26cuft/sx

TOC @3402 (DV Tool) by calculation

2nd Stage 487 sx 65-35-6 w/2#/sx tuff plug 1.65 cuft/sx

TOC @ Surface By calculation

SPACER
FLUID
Y

Nacimiento

Plug # 5 f/1700 to 1550

17 sx (20.06 cuft)

Formation tops

Nacimiento 1650

Ojo Alamo 3500

Kirtland 3705

Fruitland 3745

Pict. Cliff 4025

MV 5700

Gallup 7190

Dakota 8332

Ojo,KT,FT & PC

Plug # 4 f/4075 to 3395

77 sx (90.86 cuft)

MV

Plug # 3 f/5750 to 5600

17 sx (20.06 cuft)

Gallup

Plug # 2 f/ 7140 to 6990

17 sx (20.06 cuft)

Cmt. Ret. @ 7140'

Perfs:

7192-7240

7352-7482

7510-7672

Dakota

Plug # 1 f/8234 to 8084

17 sx (20.06 cuft)

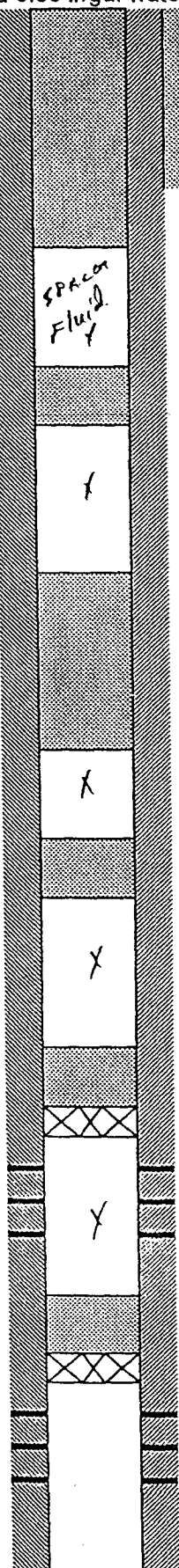
Cmt. Ret. @ 8234' (Existing)

8334-8344

8352-8366

8374-8404

8412-8443



PBT D

8500

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.

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Apache Corp.

Well Name JAT A118 #13

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 Bryce Hammond with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3485.

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

None