

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

APR 02 2014

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Jicarilla Contract #9
2. Name of Operator ELM RIDGE EXPLORATION CO LLC		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation
3a. Address PO BOX 156 BLOOMFIELD NM 87413	3b. Phone No. (include area code) 505-632-3476 EXT 201	7. If Unit or CA/Agreement, Name and/or No. Lindr. Gal-Dak.W
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1970' FNL X 2021' FEL "G" Sec.36-T25N-R05W		8. Well Name and No. Jicarilla Apache A-20
		9. API Well No. 30-039-31143
		10. Field and Pool, or Exploratory Area Lindr. Gal-Dak.W
		11. County or Parish, State Rio Arriba, County NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Deepen
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other

13. Describe Proposed or Completed Operations (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 site is ready for final inspection.)

Elm Ridge Exploration Co LLC did an acid job on this well. The job summary is attached.

RCVD APR 4 '14
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Amy Mackey	Title Sr. Regulatory Supervisor
Signature	Date March 26, 2014

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
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, 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.

(Instructions on reverse)

ACCEPTED FOR RECORD

APR 03 2014

NMOCD

FARMINGTON FIELD OFFICE
BY: J

ELM RIDGE
Jicarilla Apache A 20
Acidizing Dakota

S:36 T:25N R: 5W

API: 30-039-31143
Rio Arriba County, New Mexico

Sales Order: 901212328

Post Job Report

For: MONTY STRIEGEL
Date: Monday, March 24, 2014

Notice: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

HALLIBURTON

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1.0 WELL INFORMATION**1.1 Pipe Information**

Equipment	Top MD ft	Bottom MD ft	OD In	ID In	Grade	Weight lb/ft
Surface Pipe	0.0	20.0	5.000	4.000		
Formation	6400.0	6700.0				
Casing	0.0	7000.0	5.500	4.950	J-55	15.50

1.2 Perforation Intervals

Top MD ft	Bottom MD ft	Number of Shots	Perf Density spf
6420.0	6657.0	246	1.0

2.0 PUMPING SCHEDULE

2.1 Designed Pumping Schedule

Stage Number	Description	Fluid System	Slurry Volume gal	Stage Time min
1	Load Well	TREATED WATER	210	0.50
2	Acid Breakdown	7.5%_MCA Acid	6500	3.10
3	Flush	2% KCL Water	6655	3.17
4	Shut-In		0	0.00
Total			13365	6.76

3.0 ACTUAL STAGE SUMMARY**3.1 Stage Summary**

Stage Number	Stage Time	Start Time	End Time	Max Treat Pr psi	Max Slurry Rate bpm	Avg Treating Pressure psi	Avg Slurry Rate bpm
1	24-Mar-14 09:48:06	09:45:41	24-Mar-14 09:48:06	505	11.1	448	5.5
2	24-Mar-14 09:54:49	09:48:07	24-Mar-14 09:54:49	1761	47.5	361	23.3
3	24-Mar-14 09:59:10	09:54:50	24-Mar-14 09:59:10	2746	47.2	2426	42.2
4	24-Mar-14 10:13:36	09:59:11	24-Mar-14 10:13:36	0	0.0	0	0.0

Stage Number	Stage Time	Slurry Volume gal
1	24-Mar-14 09:48:06	210
2	24-Mar-14 09:54:49	6513
3	24-Mar-14 09:59:10	6729
4	24-Mar-14 10:13:36	0
Total		13452

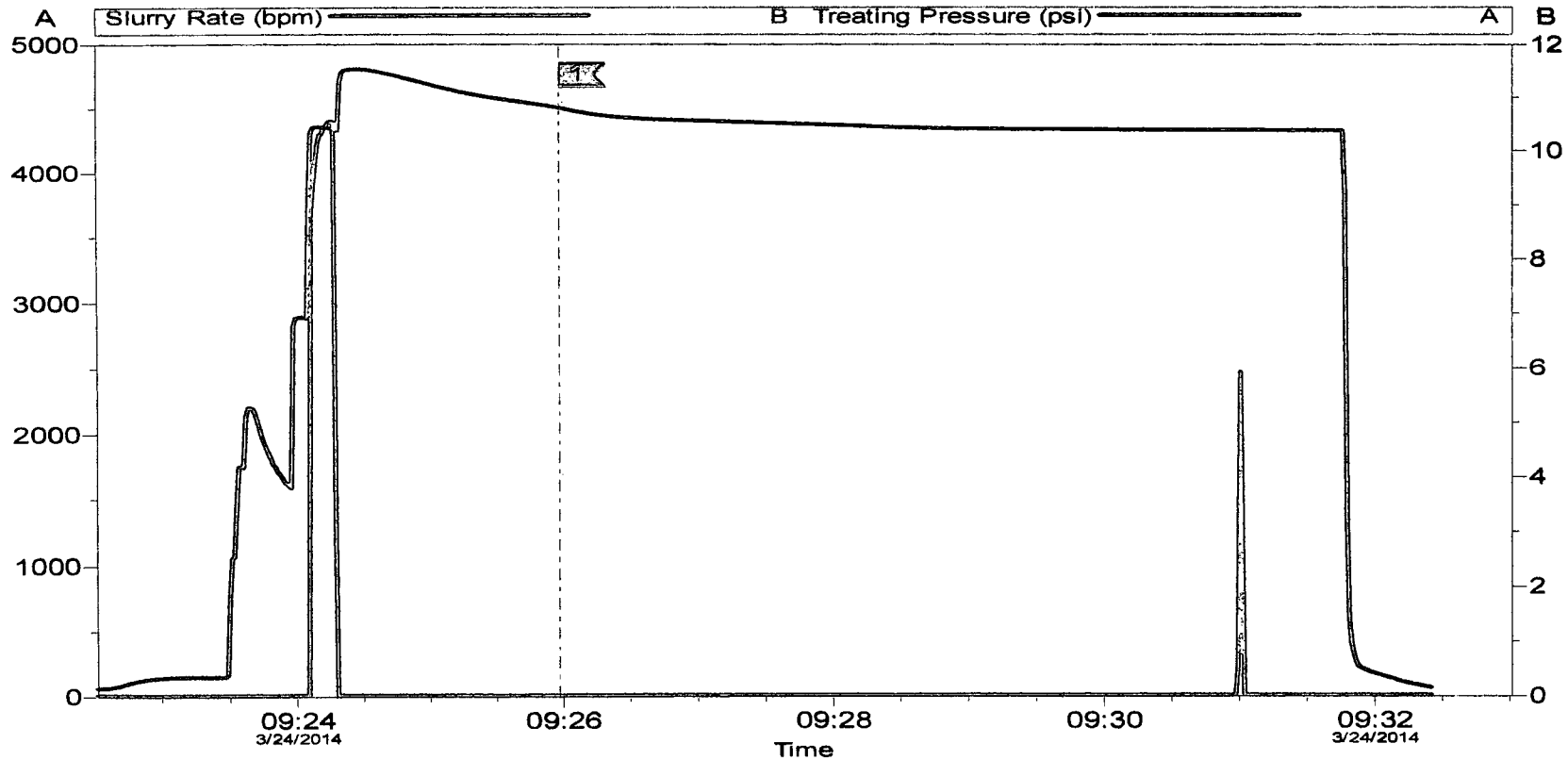
4.0 PERFORMANCE HIGHLIGHTS**4.1 Job Summary**

Start Time	24-Mar-14 09:16:18	
End Time	24-Mar-14 10:13:36	
Pump Time	10.55	min
Max Treating Pressure	2746	psi
Max Slurry Rate	47.5	bpm
Avg Treating Pressure	1105	psi
Avg Slurry Rate	29.9	bpm
Slurry Volume	6939	gal
Acid Volume	6513	gal
Volumes Pumped	Total 13452	Units

Disclaimer: The average and maximum values (except volumes and bottom hole values) are based on the start and end averaging times.

5.0 ATTACHMENTS

5.1 Pressure Test

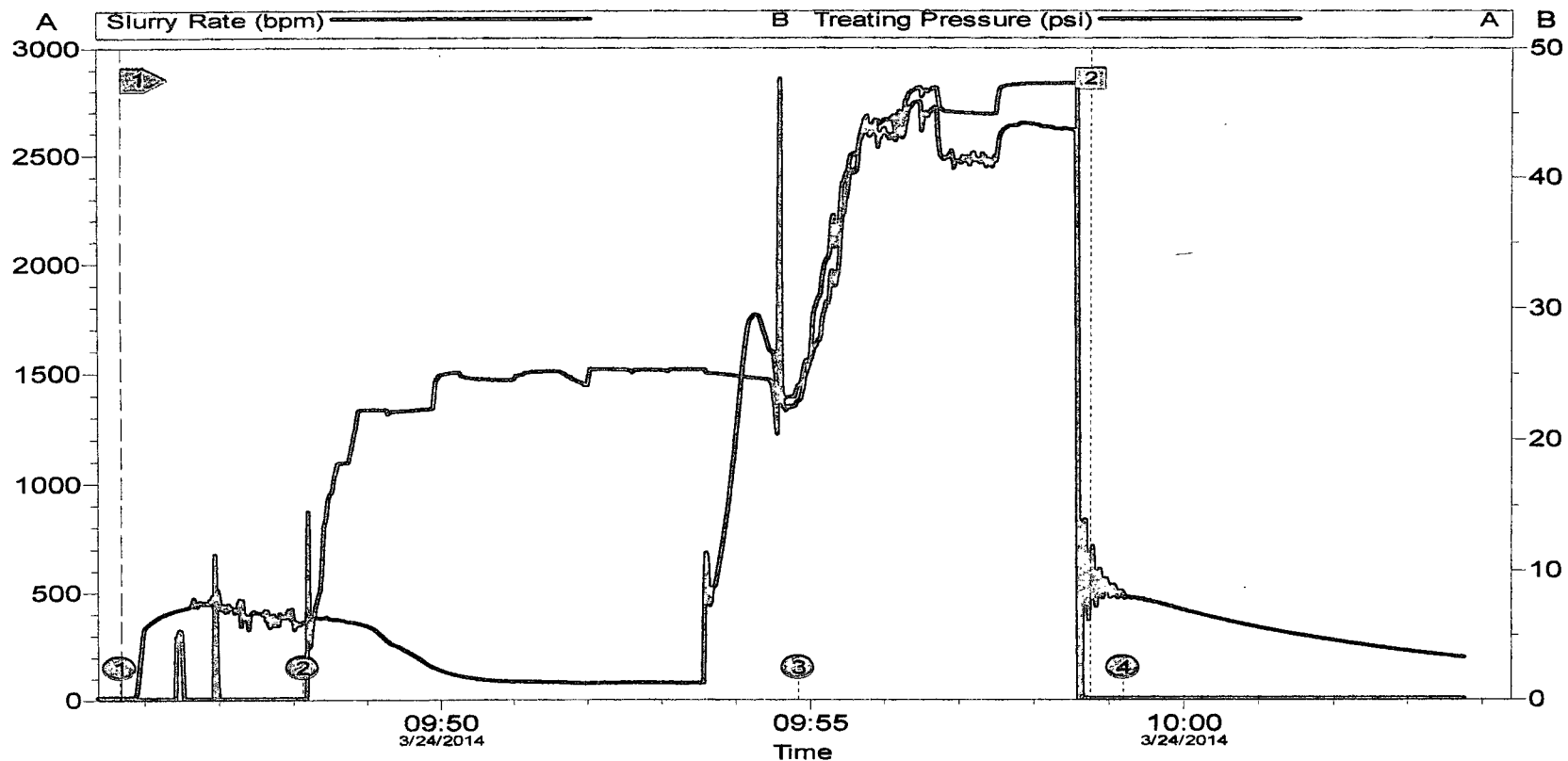


Customer: ELM RIDGE EXPLORATION CO LLC - EBUS
Well Description: Jicarilla Apache A 20

Job Date: 24-Mar-2014
UWI: 30039311430000

Sales Order #: 901212328

5.2 Job Summary Plot

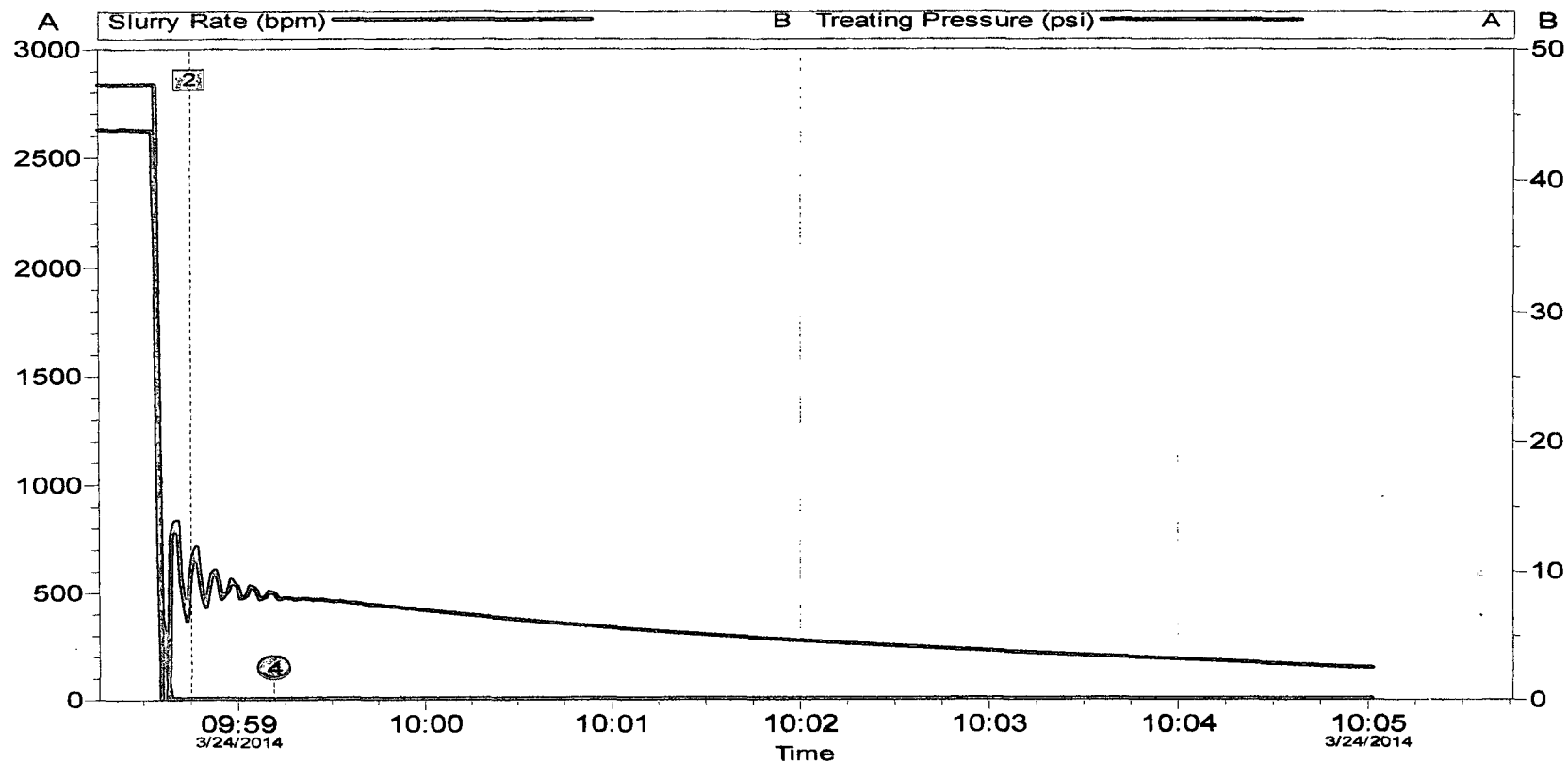


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5.3 ISIP Plot



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