

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-23524</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>L-2986</b>
7. Lease Name or Unit Agreement Name <b>New Mexico State</b>
8. Well Number <b>1</b>
9. OGRID Number <b>149052</b>
10. Pool name or Wildcat <b>Nageezi Gallup</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>7019' KB</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ **OIL CONS. DIV DIST. 3**

2. Name of Operator  
**Elm Ridge Exploration Co., LLC**

**DEC 22 2015**

3. Address of Operator  
**PO Box 156, Bloomfield, NM 87413**

4. Well Location  
Unit Letter **O** : **790** feet from the **SOUTH** line and **1750** feet from the **EAST** line  
Section **32** Township **24N** Range **8W** NMPM **San Juan** County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☒  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Elm Ridge Exploration CO LLC has plugged and abandoned this well as follows: **2-27-15: Move in Rig Up.**  
**3-4-15: PLUG #1:** Pumped 40 sks of Class G Premium cement to set a plug from 6419' to 6075'. **11-21-15: PLUG #2:** Set Cement retainer at 5228'. Sting into retainer at 5218' and pumped 10 sks below retainer and 10 sks above retainer **plug set from 5038' to 5353'.** **PLUG #3:** Set balance plug from 4370' to 2000'. Pump 200 sks of cement in 3 stages: (1<sup>st</sup> stage: 65 sks from 4388' to 3570'. 2<sup>nd</sup> stage: 65 sks from 3570' to 2774'. 3<sup>rd</sup> stage: 70 sks 2774' -1906') (NOTE: Well had communications out of the hole in the casing) **11-23-15: PLUG #4:** Pump 215 sks cement. **Set plug from 1475' to 1676'.** **PLUG #5:** Pumped 15 sks of cement setting **plug from 1185'-1382'.** Approval called for 1275' -1375'. John Durham approved next plug. **11-24-15: PLUG #6:** Shot 4 holes at 1119'. Set retainer at 1096'. Pumped 40 sks of cement. Pumped another 25 sks below retainer and left 15 sks on top. **Plug set from 923'- 1019'.** **11-30-15: PLUG #7:** Set Retainer at 305'. Pmped 35 sks of cement down hole. Fluid loss, pumped 25 sks below the retainer and 10 sks on top of the retainer. Tagged top of cement at 145. **Plug set from 250' to 350'.** **12-2-15: Plug #8:** Shot 4 holes at 100'. Pumped 65 sks of cement 100' inside and outside of pipe. Pumped 13 bbls of slurry with 1/2 a barrel of good cement out bradenhead. John Durham with the NMOCD witnessed all plugs.

Spud Date: **5/16/1979**

Rig Release Date:

**12-2-15**

Approved for plugging of wellbore only.  
Liability under bond is retained pending  
Receipt of C-103 (Subsequent Report of Well  
Plugging) which may be found @ OCD web  
page under forms  
[www.emnrd.state.us/ocd](http://www.emnrd.state.us/ocd)

**PNR only**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **Sr. Regulatory Supervisor** DATE **12/12/2013**

Type or print name **Amy Archuleta** E-mail address: **aarchuleta@elmridge.net** PHONE: 505-632-3476 ext. 201

For State Use Only

APPROVED BY:  TITLE **DEPUTY OIL & GAS INSPECTOR** DATE **12-28-15**

Conditions of Approval (if any):

**DISTRICT #3**  
**RV**

~~BLM~~ / STATE

# HALLIBURTON

iCem® Service

~~FOR MR. MONTE STREIGAL~~

**For: MONTE STREIGAL**

Date: Saturday, November 21, 2015

~~NEW MEXICO STATE 1~~

NEW MEXICO STATE 1

ELM RIDGE

Job Date: Saturday, November 21, 2015

Sincerely,

**LEMONT JOJOLA**



*The Road to Excellence Starts with Safety*

Sold To #: 302056	Ship To #: 3651669	Quote #: 0022130076	Sales Order #: 0902929382
Customer: ELM RIDGE EXPLORATION CO LLC - EBUS		Customer Rep: MONTE STREIGAL	
Well Name: NEW MEXICO STATE	Well #: 1	API/UWI #: 30045235240000	
Field:	City (SAP): BLOOMFIELD	County/Parish: SAN JUAN	State: NEW MEXICO
Legal Description:			
Contractor:		Rig/Platform Name/Num: Work Over	
Job BOM: 7528			
Well Type: GAS			
Sales Person: HALAMERICA\HX33057		Srvc Supervisor: JACOB AYERS	

**Job**

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	5300ft		Job Depth TVD
Water Depth			Wk Ht Above Floor
Perforation Depth (MD)	From		To

**Well Data**

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		4.5	4	11.6			0	5300		
Tubing		2.375	1.995	4.6			0	5300		

**Fluid Data**

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	PlugCem	PLUGCEM (TM) SYSTEM	300	sack	15.8	1.16		2	5.08
0.20 %		HR-5, 50 LB SK (100005050)							

Cement Left In Pipe	Amount	Reason	Shoe Joint
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**Fluid Data**

Stage/Plug #: 2

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	PlugCem	PLUGCEM (TM) SYSTEM	373	sack	15.8	1.16		2	5.08

Cement Left In Pipe	Amount	Reason	Shoe Joint
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## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Pass-Side Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	11/21/2015	02:00:00	USER					CEMENT CREW CALLED
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	11/21/2015	04:10:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	3	Depart Home for Location	Depart Home for Location	11/21/2015	04:30:00	USER					1- PICKUP 11583927, 1- RED TIGER 12638114, 2- BULK TRUCKS 10897849/10025041, 11338219/10001398, 1- BODYLOAD 10793626
Event	4	Arrive At Loc	Arrive At Loc	11/21/2015	06:00:00	USER					CEMENT CREW ARRIVED TO LOCATION
Event	5	Other	Other	11/21/2015	06:10:00	USER					RETAINER SET @ 5218 FT 2 3/8 TUBING 4 1/2 10.5# CASING
Event	6	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	11/21/2015	06:20:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	7	Rig-Up Equipment	Rig-Up Equipment	11/21/2015	06:30:00	USER					CEMENT CREW RIGGED UP EQUIPMENT
Event	8	Pre-Job Safety Meeting	Pre-Job Safety Meeting	11/21/2015	09:00:00	USER	314.00	8.54	5.00	15.0	SAFETY MEETING HELD WITH EVERYONE ON LOCATION
Event	9	Start Job	Start Job	11/21/2015	09:15:15	COM5	-1.00	8.24	0.00	0.0	
Event	10	Start Job	Start Job	11/21/2015	09:31:46	COM5	-3.00	8.22	0.00	0.0	
Event	11	Pressure Test	Pressure Test	11/21/2015	09:33:20	USER	1679.00	8.30	0.00	0.2	PRESSURE TEST GOOD TO

iCem® Service

(v. 4.1.107)

Created: Saturday, November 21, 2015

				5							2500 PSI
Event	12	Pump Spacer	Pump Spacer	11/21/2015	09:36:17	USER	-8.00	7.91	1.20	0.3	PUMPED 8 BBLS H2O
Event	13	Pump Cement	Pump Cement	11/21/2015	09:41:52	USER	946.00	10.35	1.50	0.2	20 KS 1.16 CUFT/SK 5.08 GAL/SK = 4.1 BBLS @ 15.8# 2.4 BBLS H2O REQ: PER COMANY REP HES WILL PUMP 10 SKS OFCEMENT BELOW THE RETAINER AND 10 SKS ABOVE THE RETAINER
Event	14	Pump Displacement	Pump Displacement	11/21/2015	09:44:44	USER	508.00	16.86	1.60	0.3	CALCULATED 18.2 BBLS TO DISPLACE CEMENT
Event	15	Shutdown	Shutdown	11/21/2015	09:54:16	USER	349.00	8.30	0.00	18.7	SHUTDOWN RIG CREW WILL POOH



## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Pass-Side Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Other	Other	11/21/2015	11:45:56	USER	-9.00	8.27	0.00	65.0	TUBING SET @ 4388 FT 818 FT PLUG
Event	2	Pressure Test	Pressure Test	11/21/2015	11:57:12	USER	1771.00	8.24	0.00	0.1	PRESSURE TEST GOOD TO 2500 PSI
Event	3	Pump Cement	Pump Cement	11/21/2015	12:08:56	USER	496.00	16.45	2.50	2.0	63 SKS 1.16 CUFT/SK 5.08 GAL/SK = 13 BBLS 15.8# 7.6 BBLS H2O REQ
Event	4	Pump Displacement	Pump Displacement	11/21/2015	12:14:09	USER	22.00	8.68	2.50	1.4	CALCULATED 13.4 BBLS TO DISPLACE AND BALANCE PLUG
Event	5	Shutdown	Shutdown	11/21/2015	12:19:42	USER	0.00	7.80	0.00	14.2	SHUTDOWN RIG CREW TO POOH TO 3570FT
Event	6	Reverse Circ Well	Reverse Circ Well	11/21/2015	12:41:05	USER	-11.00	7.72	0.00	14.2	RIG CREW PUMPED 20 BBLS H2O, TUBING CLEAN .5 BBLS OF CEMENT BACK
Event	7	Other	Other	11/21/2015	13:01:49	USER	-12.00	7.73	0.00	14.2	TUBING SET@ 3570 FT 796 FT PLUG
Event	8	Pump Cement	Pump Cement	11/21/2015	13:08:15	USER	307.00	15.95	2.30	2.0	61 SKS 1.16 CUFT/SK 5.08 GAL/SK = 12.6 BBLS 15.8# 7.4 BBLS H2O REQ
Event	9	Pump Displacement	Pump Displacement	11/21/2015	13:14:12	USER	10.00	8.04	2.30	1.3	CALCULATED 10.4 BBLS TO DISPLACE AND BALANCE PLUG
Event	10	Shutdown	Shutdown	11/21/2015	13:18:24	USER	30.00	0.40	0.00	10.7	SHUTDOWN RIG CREW TO POOH TO 2774 FT
Event	11	Reverse Circ Well	Reverse Circ Well	11/21/2015	13:40:13	USER	-11.00	-0.77	0.00	10.7	RIG CREW PUMPED 15 BBLS H2O, TUBING CLEAN .5

iCem® Service

(v. 4.1.107)

Created: Saturday, November 21, 2015

## 1.0 Real-Time Job Summary

### 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Pass-Side Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Start Job	Start Job	11/22/2015	10:58:50	COM5	76.00	8.49	0.00	0.0	
Event	2	Other	Other	11/22/2015	11:21:08	USER	32.00	8.43	0.00	0.0	TUBING SET @ 1906 FT HOLES @ 460 FT
Event	3	Circulate Well	Circulate Well	11/22/2015	11:22:56	USER	108.00	8.43	1.80	0.9	PER COMPANY MAN CIRCULATE DOWN TUBING UNTIL ALL THE PRODUCED WATER IS OUT PUMPED 40 BBLS
Event	4	Circulate Well	Circulate Well	11/22/2015	11:38:41	USER	14.00	8.32	0.00	37.0	RIG CREW CLOSED CASING VALVE CIRCULATE TILL CLEAN
Event	5	Shutdown	Shutdown	11/22/2015	12:20:27	USER	61.00	8.40	0.00	57.1	SHUTDOWN PUMPED 58 BBLS
Event	6	End Job	End Job	11/22/2015	12:24:56	COM5	-1.00	8.42	0.00	0.0	

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Start Job	Start Job	11/23/2015	14:52:35	COM10	-8.00	8.51	0.00	2.1	
Event	2	Circulate Well	CIRCULATE WELL	11/23/2015	15:08:40	USER	0.00	8.37	1.30	0.1	ESTABLISH RETURNS 1.5BBL
Event	3	Pump Cement	Pump Cement	11/23/2015	15:14:49	USER	64.00	17.82	1.40	1.2	PUMP 2.9 BBL 14SKS @ 15.8# YIELD 1.16 WR 5.08 WRQ 2.7BBL
Event	4	Pump Displacement	Pump Displacement	11/23/2015	15:17:06	USER	7.00	8.55	2.00	1.7	CALCULATED DISPLACEMENT TO BALANCE 4.55BBL
Event	5	Other	PULL UP	11/23/2015	15:20:25	USER	-3.00	0.00	0.00	4.3	250' OF TUBING
Event	6	Circulate Well	Circulate Well	11/23/2015	15:22:22	USER	-3.00	0.00	0.00	4.3	RIG CIRCULATED HOLE .5BBL DIRTY WATER BACK
Event	7	End Job	End Job	11/23/2015	15:25:00	USER	-4.00	0.00	0.00	4.3	



## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	11/24/2015	08:54:37	USER	215.00	8.35	0.00	18.2	CALL OUT @ 330
Event	2	Depart from Service Center or Other Site	Depart from Service Center or Other Site	11/24/2015	08:56:42	USER	215.00	8.36	0.00	18.2	LEFT THE YARD @ 545
Event	3	Arrive at Location from Service Center	Arrive at Location from Service Center	11/24/2015	08:57:08	USER	216.00	8.35	0.00	18.2	ARRIVED ON LOCATION @ 710
Event	4	Start Job	Start Job	11/24/2015	09:05:17	COM10	217.00	7.90	0.00	0.0	
Event	5	Circulate Well	CIRCULATE AND GET INJECTION RATE	11/24/2015	09:09:00	USER	220.00	8.38	0.00	0.0	GOT INJECTION RATE @ .7 BPM SPOT CMT 1 BBL FROM RETAINER
Event	6	Pressure Test	Pressure Test	11/24/2015	09:16:15	USER	3178.00	8.44	0.00	0.9	PSI TEST TO 3300
Event	7	Pump Cement	Pump Cement	11/24/2015	09:20:02	USER	538.00	8.37	1.10	0.6	39 SKS @ 15.8 # 8 BBL 4.7 BBL WRQ. PUMPED 3 BBL CMT STING IN PUMP REMAINING 5 BBL
Event	8	Pump Displacement	Pump Displacement	11/24/2015	09:39:00	USER	1108.00	13.38	1.10	0.4	PUMP 1.2 STING OUT PUMPED 1.5 TO BALLANCE
Event	9	Other	Other	11/24/2015	09:41:47	USER	-2.00	8.54	0.00	2.6	RIG PULLED 7 STICKS AND CIRCULATED OFF THE TOP .25 BBL BACK TO SURFACE
Event	10	End Job	End Job	11/24/2015	10:09:39	COM10	-1.00	8.29	0.00	33.5	

BBLS OF CEMENT BACK											
Event	12	Other	Other	11/21/2015	13:57:54	USER	-12.00	-0.77	0.00	10.7	TUBING SET @ 2774 FT 868 FT PLUG
Event	13	Pump Cement	Pump Cement	11/21/2015	14:01:27	USER	311.00	16.21	2.50	2.6	66.8 SKS 1.16 CUFT/SK 5.08 GAL/SK = 13.8 BBLs 15.8# 8 BBLs H2O REQ
Event	14	Pump Displacement	Pump Displacement	11/21/2015	14:08:05	USER	14.00	7.98	2.60	1.5	CALCULATED 7 BBLs TO DISPLACE AND BALANCE PLUG
Event	15	Shutdown	Shutdown	11/21/2015	14:10:08	USER	-6.00	-0.77	0.00	5.5	SHUTDOWN
Event	16	Reverse Circ Well	Reverse Circ Well	11/21/2015	14:18:13	USER	-13.00	-0.77	0.00	5.5	PUMPED 175BBLs H2O, TUBING CLEAN 1 BBLs OF CEMENT BACK
Event	17	End Job	End Job	11/21/2015	14:45:31	COM5	-11.00	7.70	0.00	0.0	



## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Pressure Test	Pressure Test	11/25/2015	07:46:22	USER	3134.00	8.71	0.00	1.3	PSI TEST TO 3300
Event	2	Pump Spacer	Pump Spacer	11/25/2015	07:49:21	USER	121.00	8.61	1.00	0.0	ATTEMPTED TO ESTABLISH CIRCULATION THROUGH RETAINER BUT COULD NOT PUMP THROUGH IT
Event	3	Call Out	Call Out	11/25/2015	12:25:23	USER					called out @ 430
Event	4	Depart from Service Center or Other Site	Depart from Service Center or Other Site	11/25/2015	12:25:37	USER					LEFT YARD @ 545
Event	5	Arrive at Location from Service Center	Arrive at Location from Service Center	11/25/2015	12:26:30	USER					ARRIVED ON LOCATION @ 700

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	Pass-Side Pump Pressure (psi)	Downhole Density (ppg)	Pass-Side Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Call Out	Call Out	11/30/2015	04:30:00	USER					CEMENT CREW CALLED OUT
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	11/30/2015	06:00:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	3	Depart Home for Location	Depart Home for Location	11/30/2015	06:10:00	USER					CEMENT CREW DEPARTS YARD
Event	4	Arrive At Loc	Arrive At Loc	11/30/2015	07:00:00	USER					CEMENT CREW ARRIVES ON LOCATION
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	11/30/2015	07:20:00	USER					SAFETY MEETING HELD WITH CEMENT CREW
Event	6	Rig-Up Equipment	Rig-Up Equipment	11/30/2015	07:30:00	USER					CEMENT CREW RIGGS UP EQUIPMENT
Event	7	Other	Other	11/30/2015	08:00:00	USER	63.00	8.19	0.00	14.9	RETAINER SET @ 300 FT 2 3/8 TUBING, 4 1/2 10.5# CASING, HOLES ARE @ 350 FT
Event	8	Pre-Job Safety Meeting	Pre-Job Safety Meeting	11/30/2015	08:10:49	USER	18.00	8.18	0.00	14.9	SAFETY MEETING HELD WITH EVERYONE ON LOCATION
Event	9	Pressure Test	Pressure Test	11/30/2015	08:30:15	USER	2193.00	8.04	0.00	15.0	PRESSURE TEST GOOD TO 1575 PSI
Event	10	Start Job	Start Job	11/30/2015	08:30:46	COM5	1650.00	8.07	0.00	15.0	
Event	11	Pump Spacer	Pump Spacer	11/30/2015	09:17:28	USER	17.00	6.99	1.00	0.3	PUMPED 1.5 BBLS H2O
Event	12	Shutdown	Shutdown	11/30/2015	09:18:57	USER	403.00	8.23	0.00	1.3	SHUTDOWN MIX UP



5											CEMENT
Event	13	Pump Cement	Pump Cement	11/30/2015	09:23:29	USER	517.00	11.26	0.70	0.5	36.5 SKS 1.16 CUFT/SK 5.08 GAL/SK = 7.5 BBLS @ 15.8# 4.4 BBLS H2O REQ
Event	14	Pump Displacement	Pump Displacement	11/30/2015	09:36:56	USER	34.00	13.17	1.00	0.3	CALCULATED .6 BBLS TO BALANCE 2 BBLS ON TOP OF THE RETAINER
Event	15	Shutdown	Shutdown	11/30/2015	09:37:29	USER	-1.00	11.96	0.00	0.5	SHUTDOWN

## 2.0 Real-Time Job Summary

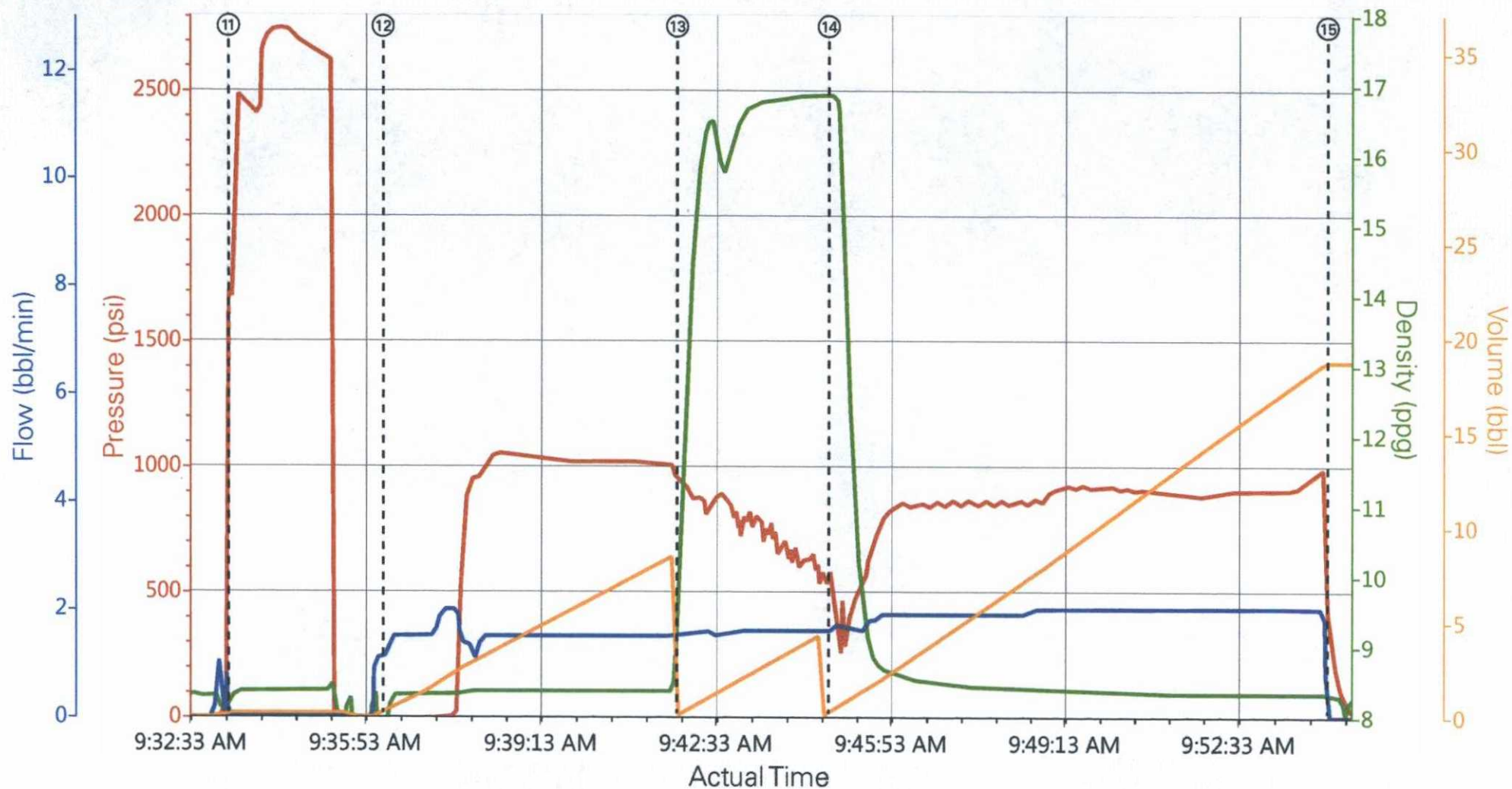
## 2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	PS Pmp Stg Tot (bbl)	Comments
Event	1	Other	Other	12/1/2015	09:00:00	USER					ARRIVED ON LOCATION ON 12/1/15 @ 0900 WAS RELEASED @ 1300 DIDN'T PUMP ANY THING
Event	2	Call Out	Call Out	12/2/2015	04:00:00	USER					CALLED OUT @ 400
Event	3	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	12/2/2015	04:30:00	USER					PRE CONVOY MEETING @ 630 ONE F-450 11583926
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	12/2/2015	07:45:00	USER					ARRIVED ON LOCATION @ 745
Event	5	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	12/2/2015	08:00:00	USER					WITH CREW
Event	6	Start Job	Start Job	12/2/2015	08:33:00	COM10	111.00	8.28	0.00	0.2	START JOB @ 833
Event	7	Pressure Test	Pressure Test	12/2/2015	08:34:11	USER	2864.00	8.21	0.00	0.3	PRESSURE TEST TO 2500
Event	8	Pump Spacer	Pump Spacer	12/2/2015	08:36:36	USER	-12.00	8.23	0.80	0.0	PUMPED 1 BBL TO ESTABLISH CIRCULATION
Event	9	Pump Cement	Pump Cement	12/2/2015	08:43:06	USER	3.00	11.03	1.60	0.4	65 SKS CMT G NEAT @ 15.8# 13 BBL
Event	10	Cement Returns to Surface	Cement Returns to Surface	12/2/2015	09:02:54	USER	-18.00	15.87	1.60	11.1	CMT RETURNS TO SURFACE 3 BBL GOOD CMT
Event	11	End Job	End Job	12/2/2015	09:07:50	COM10	-30.00	15.85	0.00	0.0	END JOB @ 907

WATER TEST SULFATES &lt;200 CLORIDES &gt;100 TEMP 34 TDS 110 IRON 0 PH 6.5



# ELM RIDGE NEW MEXICO STATE #1, PTA



PS Pump Press (psi) -4 DH Density (ppg) 8.32 PS Pump Rate (bbl/min) 0 PS Pmp Stg Tot (bbl) 36.5

- |                              |                             |                          |                 |                     |
|------------------------------|-----------------------------|--------------------------|-----------------|---------------------|
| ① Call Out                   | ④ Arrive At Loc             | ⑦ Rig-Up Equipment       | ⑩ Start Job     | ⑬ Pump Cement       |
| ② Depart Yard Safety Meeting | ⑤ Other                     | ⑧ Pre-Job Safety Meeting | ⑪ Pressure Test | ⑭ Pump Displacement |
| ③ Depart Home for Location   | ⑥ Pre-Rig Up Safety Meeting | ⑨ Start Job              | ⑫ Pump Spacer   | ⑮ Shutdown          |

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Created: 2015-11-20 15:21:50, Version: 4.1.107

Edit

Customer: ELM RIDGE EXPLORATION CO LLC - EBUS

Job Date: 11/21/2015 7:47:35 AM

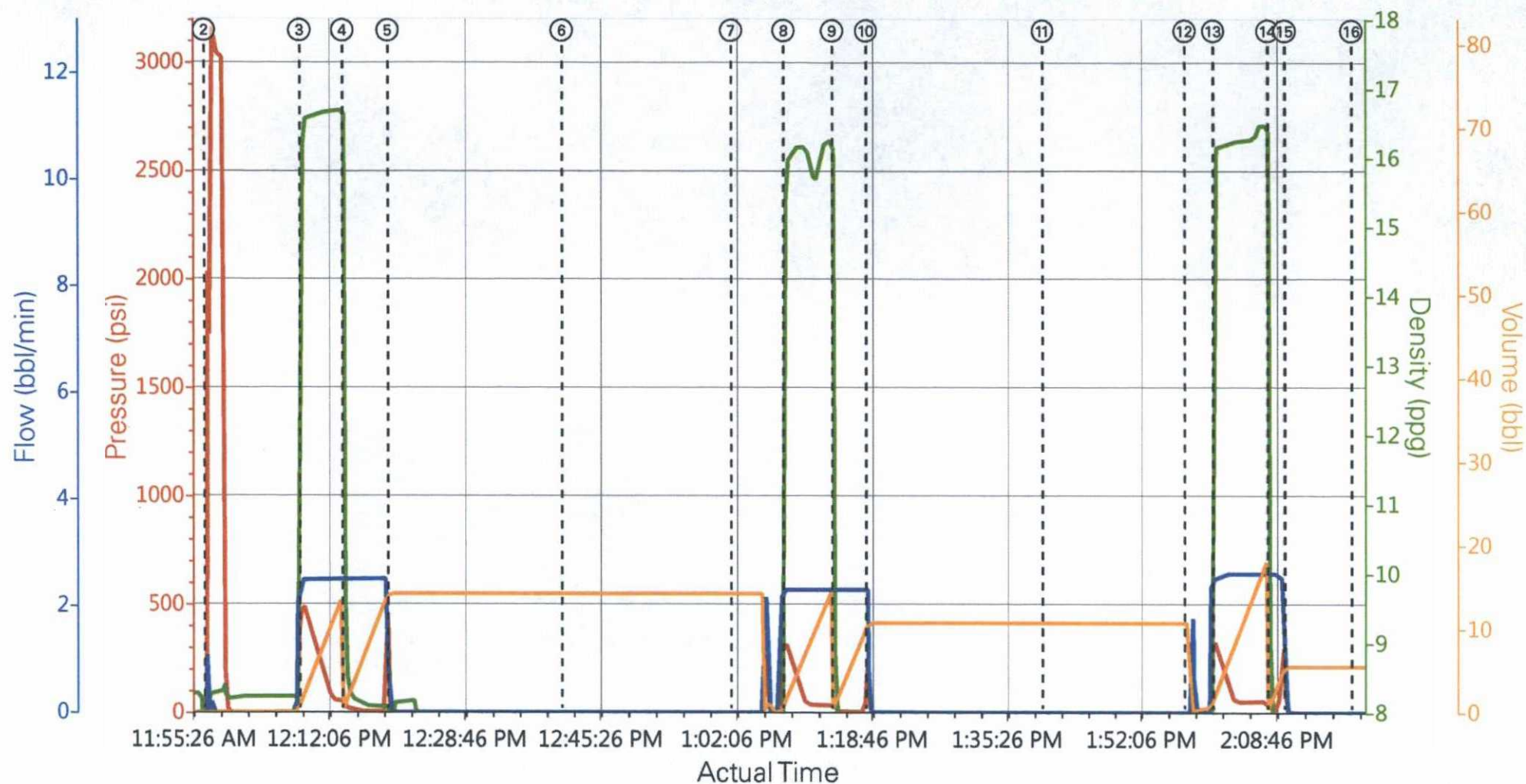
Well: NEW MEXICO STATE #1

Representative: LEMONT JOJOLA / AR 8114

Sales Order #: 092929382

COMPANY MAN: MONTE STREIGAL

# ELM RIDGE NEW MEXICO STATE 1, PTA PLUGS 2,3,4



- |                     |                     |                     |                     |           |
|---------------------|---------------------|---------------------|---------------------|-----------|
| ① Other             | ⑤ Shutdown          | ⑨ Pump Displacement | ⑬ Pump Cement       | ⑰ End Job |
| ② Pressure Test     | ⑥ Reverse Circ Well | ⑩ Shutdown          | ⑭ Pump Displacement |           |
| ③ Pump Cement       | ⑦ Other             | ⑪ Reverse Circ Well | ⑮ Shutdown          |           |
| ④ Pump Displacement | ⑧ Pump Cement       | ⑫ Other             | ⑯ Reverse Circ Well |           |

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Created: 2015-11-21 10:20:55, Version: 4.1.107

Edit

Customer: ELM RIDGE EXPLORATION CO LLC - EBUS

Job Date: 11/21/2015 10:43:31 AM

Well: NM STATE 1 PLUGS 2,3,4

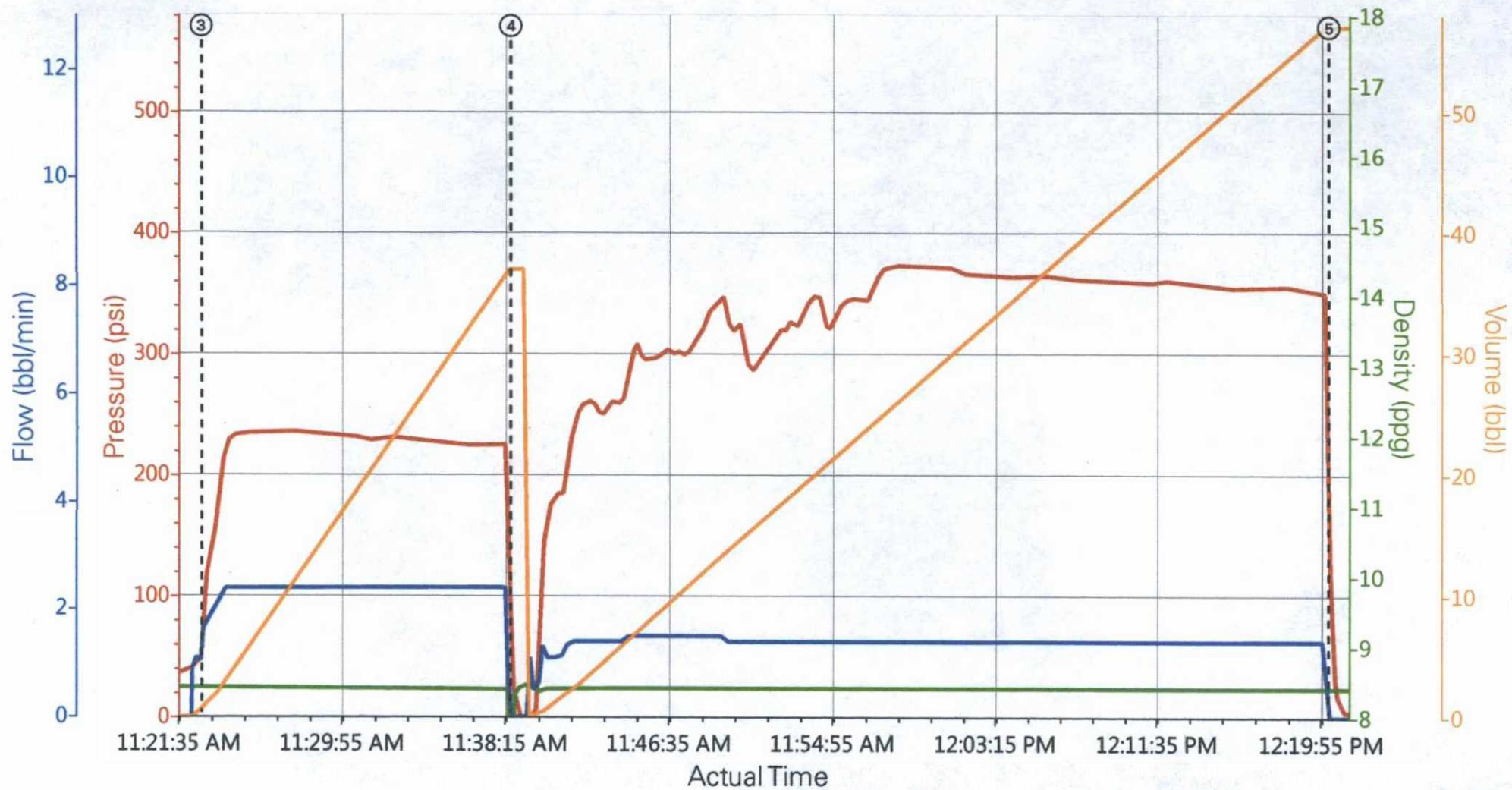
Representative: LEMONT JOJOLA / AR 8114

Sales Order #: 902929382

COMPANY MAN: MONTE STREIGAL



# ELM RIDGE NEW MEXICO STATE 1, PTA CLEANOUT



PS Pump Press (psi) DH Density (ppg) PS Pump Rate (bbl/min) PS Pmp Stg Tot (bbl)

- ① Start Job
- ② Other
- ③ Circulate Well
- ④ Circulate Well
- ⑤ Shutdown
- ⑥ End Job

**HALLIBURTON** | iCem® Service

Created: 2015-11-22 10:47:51, Version: 4.1.107

Edit

Customer: ELM RIDGE EXPLORATION CO LLC - EBUS

Job Date: 11/22/2015 10:50:11 AM

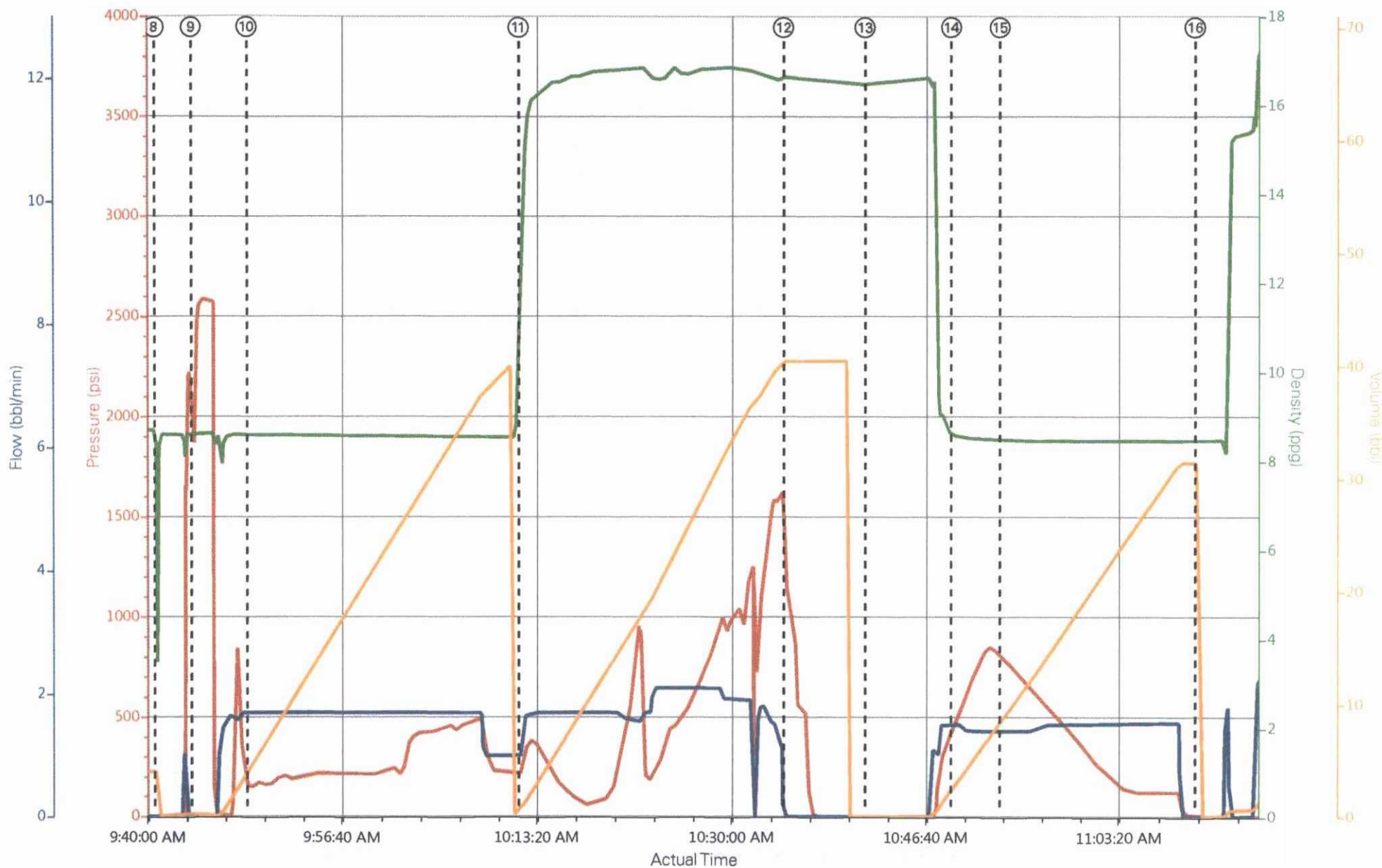
Well: NEW MEXICO STATE #1

Representative: LEMONT JOJOLA / AR 8114

Sales Order #: 902929382

COMPANY MAN: MONTE STREIGAL

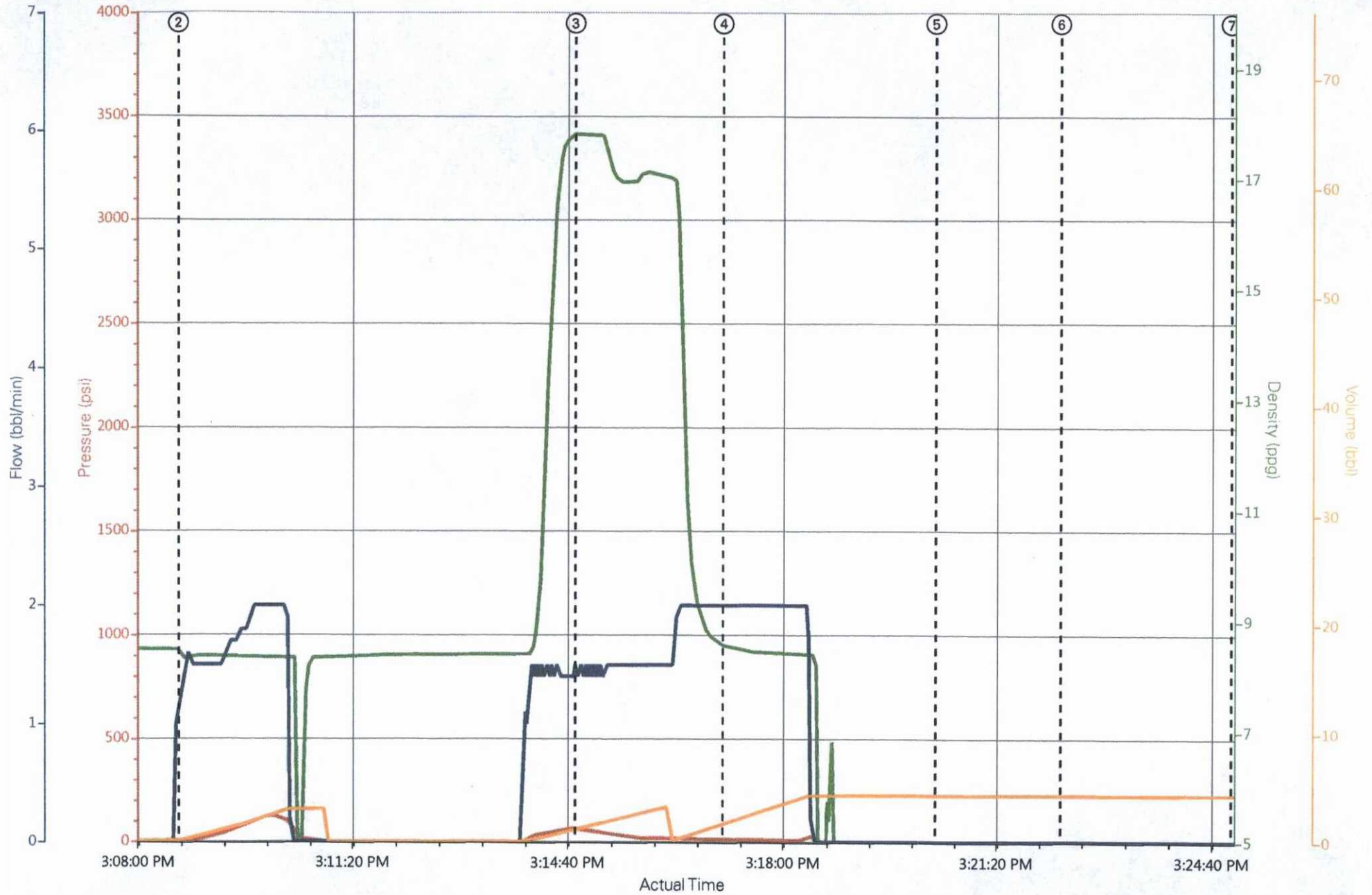
# Custom Results



- |                             |  |                          |               |                             |           |
|-----------------------------|--|--------------------------|---------------|-----------------------------|-----------|
| ① Call Out                  | ④ Depart from Service Center or Other Site | ⑦ Pre-Job Safety Meeting | ⑩ Pump Spacer | ⑬ STING OUT                 | ⑯ End Job |
| ② PRE CONVOY SAFETY MEETING | ⑤ Arrive at Location from Service Center   | ⑧ Start Job              | ⑪ Pump Cement | ⑭ Circulate Well            |           |
| ③ Other                     | ⑥ Pre-Rig Up Safety Meeting                | ⑨ Pressure Test          | ⑫ Shutdown    | ⑮ Cement Returns to Surface |           |



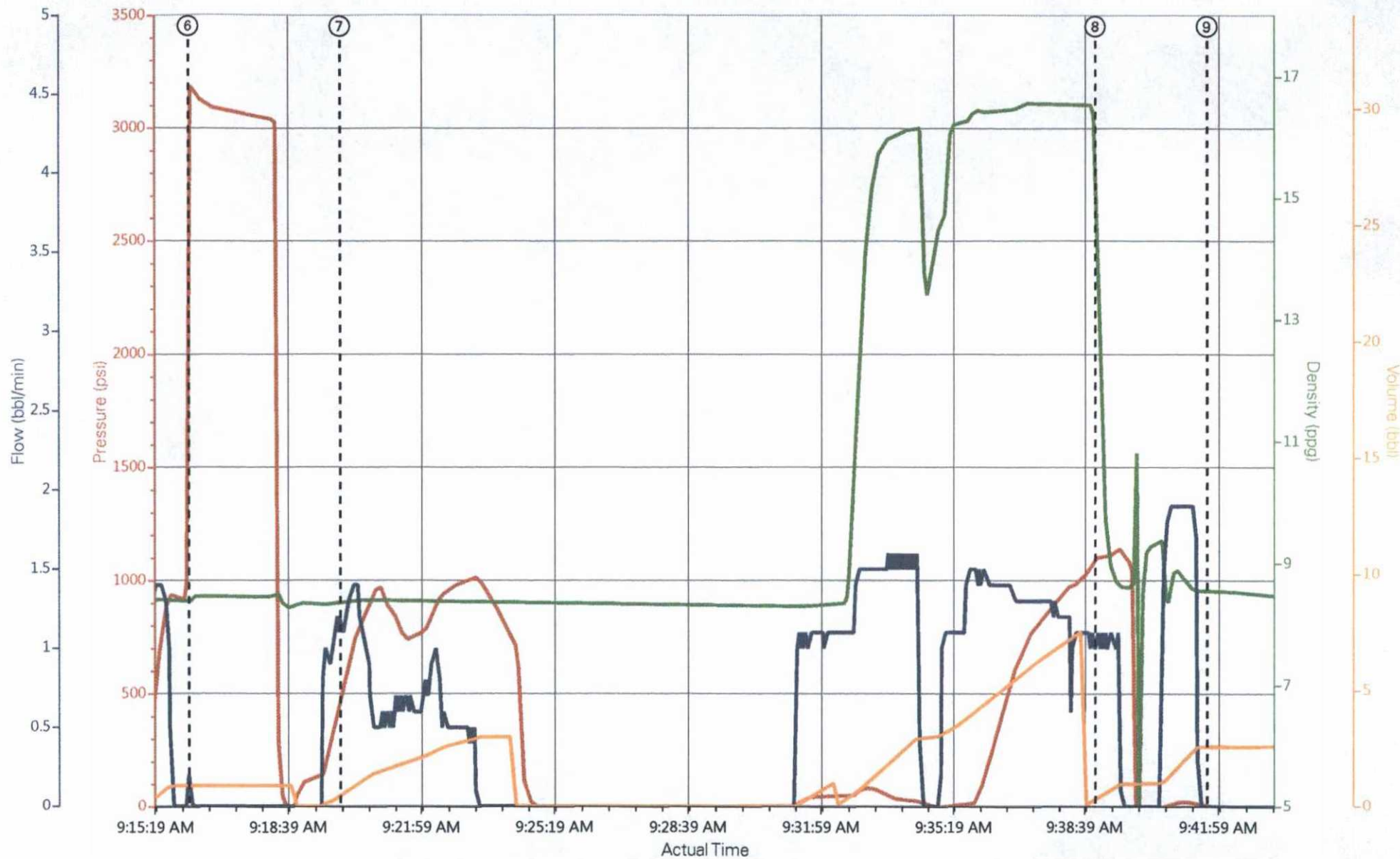
# NEW MEXICO #1 PLUG 6



PS Pump Press (psi) 1 DH Density (ppg) 0 PS Pump Rate (bbl/min) 0 PS Pmp Stg Tot (bbl) 75.4

① Start Job -8:8.51:0:2.1 ② CIRCULATE WELL 0:8.33:1.3:0.1 ③ Pump Cement 65:17.82:1.4:1.2 ④ Pump Displacement 7:8.54:2:1.7 ⑤ PULL UP -3:0:0:4.3 ⑥ Circulate Well -3:0:0:4.3 ⑦ End Job -4:

# Custom Results

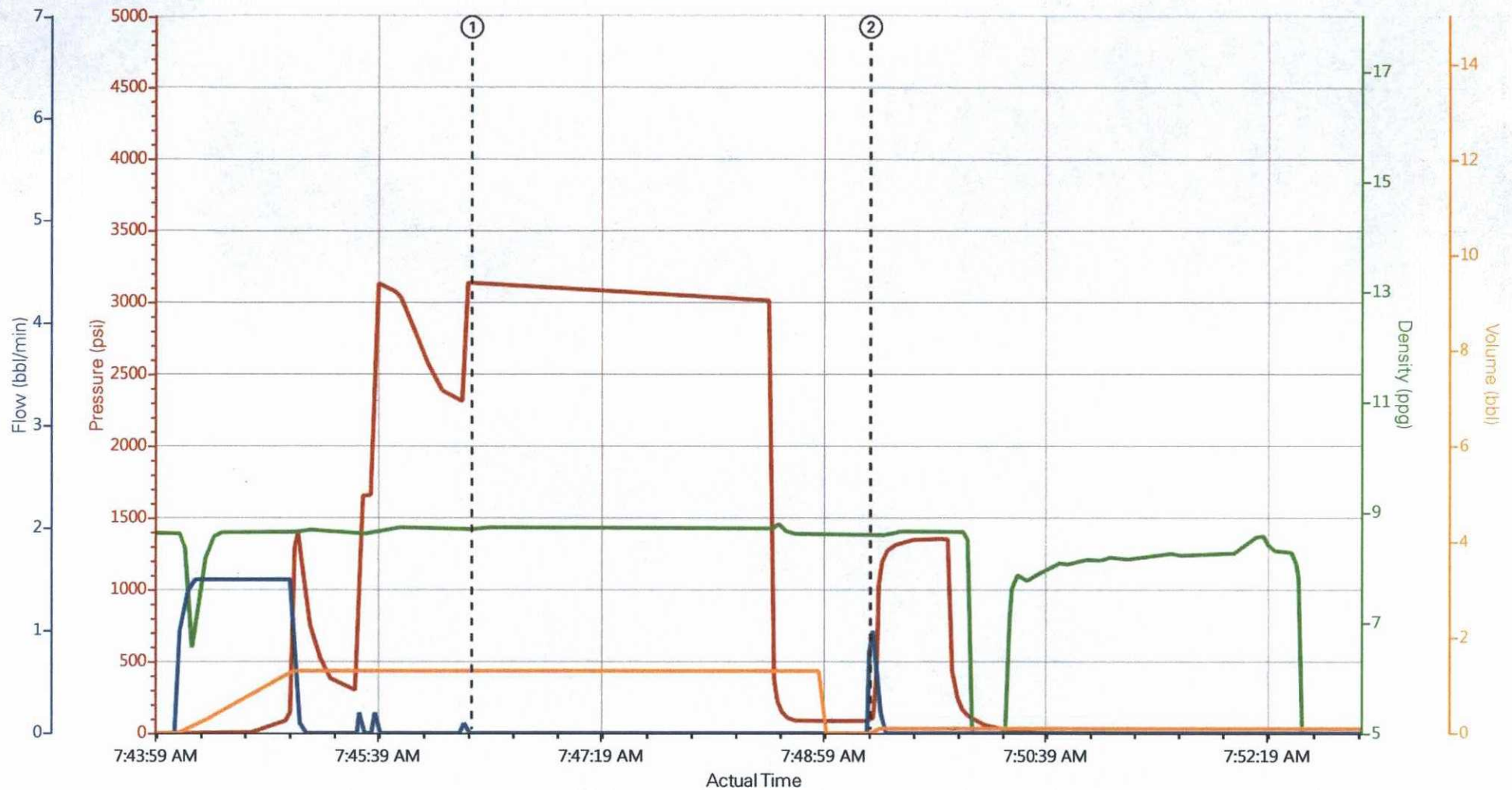


PS Pump Press (psi)    DH Density (ppg)    PS Pump Rate (bbl/min)    PS Pmp Stg Tot (bbl)

- |  |   |  |                          |
|--|---|--|--------------------------|
| ① Call Out 215;8.35;0;18.2                                 | ④ Start Job 217;7.9;0;0                         | ⑦ Pump Cement 538;8.37;1.1;0.6         | ⑩ End Job -1;8.29;0;33.5 |
| ② Depart from Service Center or Other Site 215;8.36;0;18.2 | ⑤ CIRCULATE AND GET INJECTION RATE 220;8.38;0;0 | ⑧ Pump Displacement 1108;13.38;1.1;0.4 |                          |
| ③ Arrive at Location from Service Center 216;8.35;0;18.2   | ⑥ Pressure Test 3178;8.44;0;0.9                 | ⑨ Other -2;8.54;0;2.6                  |                          |



# ELM RIDGE NEW MEXICO #1 PTA #8



PS Pump Press (psi) DH Density (ppg) PS Pump Rate (bbl/min) PS Pmp Stg Tot (bbl)

- ① Pressure Test 3134;8.71;0;1.3 ④ Depart from Service Center or Other Site n/a;n/a;n/a;n/a  
 ② Pump Spacer 121;8.61;1;0 ⑤ Arrive at Location from Service Center n/a;n/a;n/a;n/a  
 ③ Call Out n/a;n/a;n/a;n/a

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Created: 2015-11-25 07:31:37, Version: 4.1.107

Edit

Customer: ELM RIDGE EXPLORATION CO LLC - EBUS

Job Date: 11/25/2015 7:33:31 AM

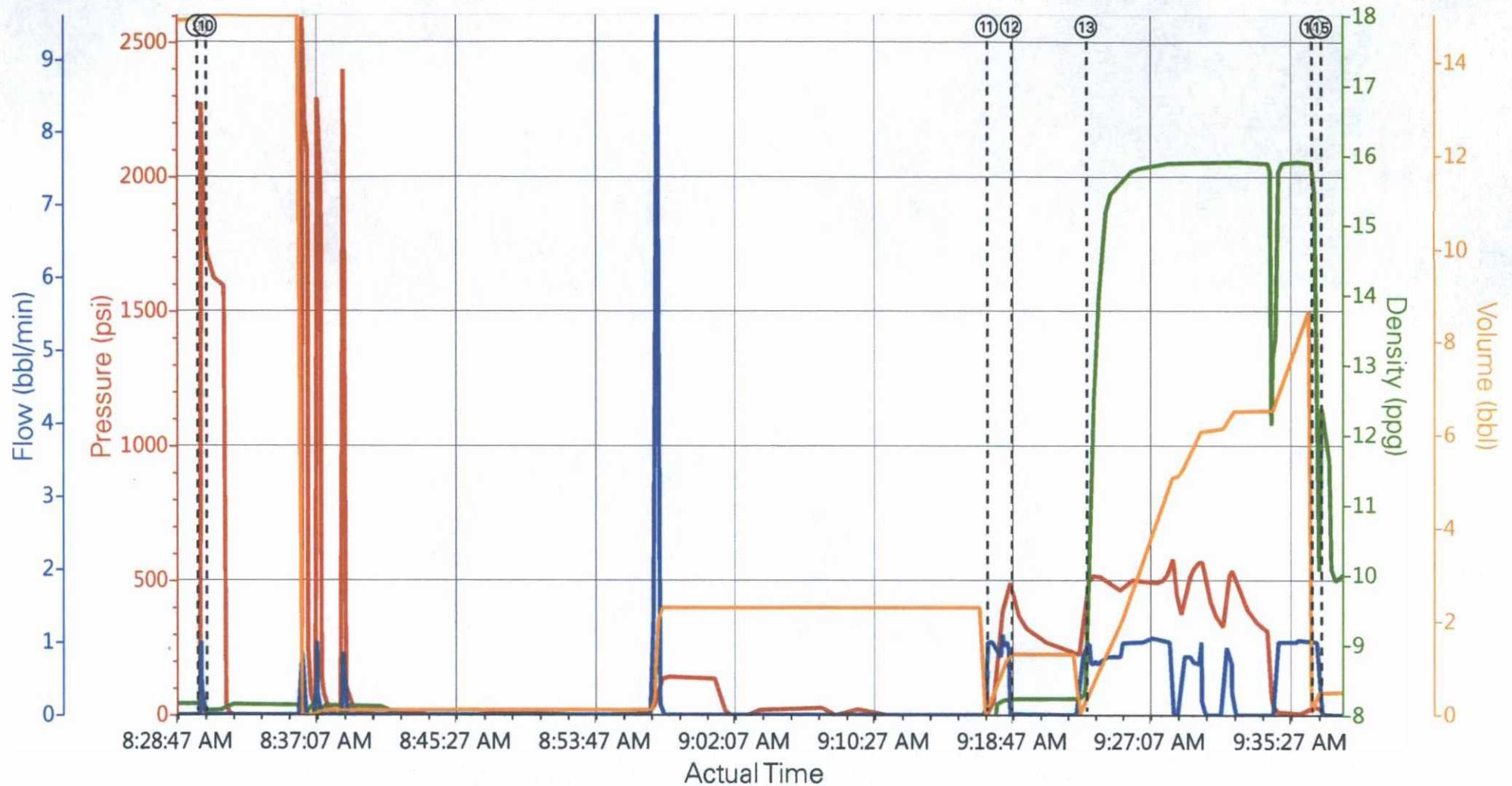
Well: NEW MEXICO #1

Representative: JACOB AYERS- JE 8114

Sales Order #: 902929382

CUSTOMER REP: MONTE STREIGAL

# ELM RIDGE NEW MEXICO STATE 1, PTA DAY 6



- |                              |                             |                          |               |                     |
|------------------------------|-----------------------------|--------------------------|---------------|---------------------|
| ① Call Out                   | ④ Arrive At Loc             | ⑦ Other                  | ⑩ Start Job   | ⑬ Pump Cement       |
| ② Depart Yard Safety Meeting | ⑤ Pre-Rig Up Safety Meeting | ⑧ Pre-Job Safety Meeting | ⑪ Pump Spacer | ⑭ Pump Displacement |
| ③ Depart Home for Location   | ⑥ Rig-Up Equipment          | ⑨ Pressure Test          | ⑫ Shutdown    | ⑮ Shutdown          |

▼ HALLIBURTON | iCem® Service

Created: 2015-11-30 05:18:32, Version: 4.1.107

Edit

Customer: ELM RIDGE EXPLORATION CO LLC - EBUS

Job Date: 11/30/2015 7:36:25 AM

Well: NEW MEXICO STATE 1

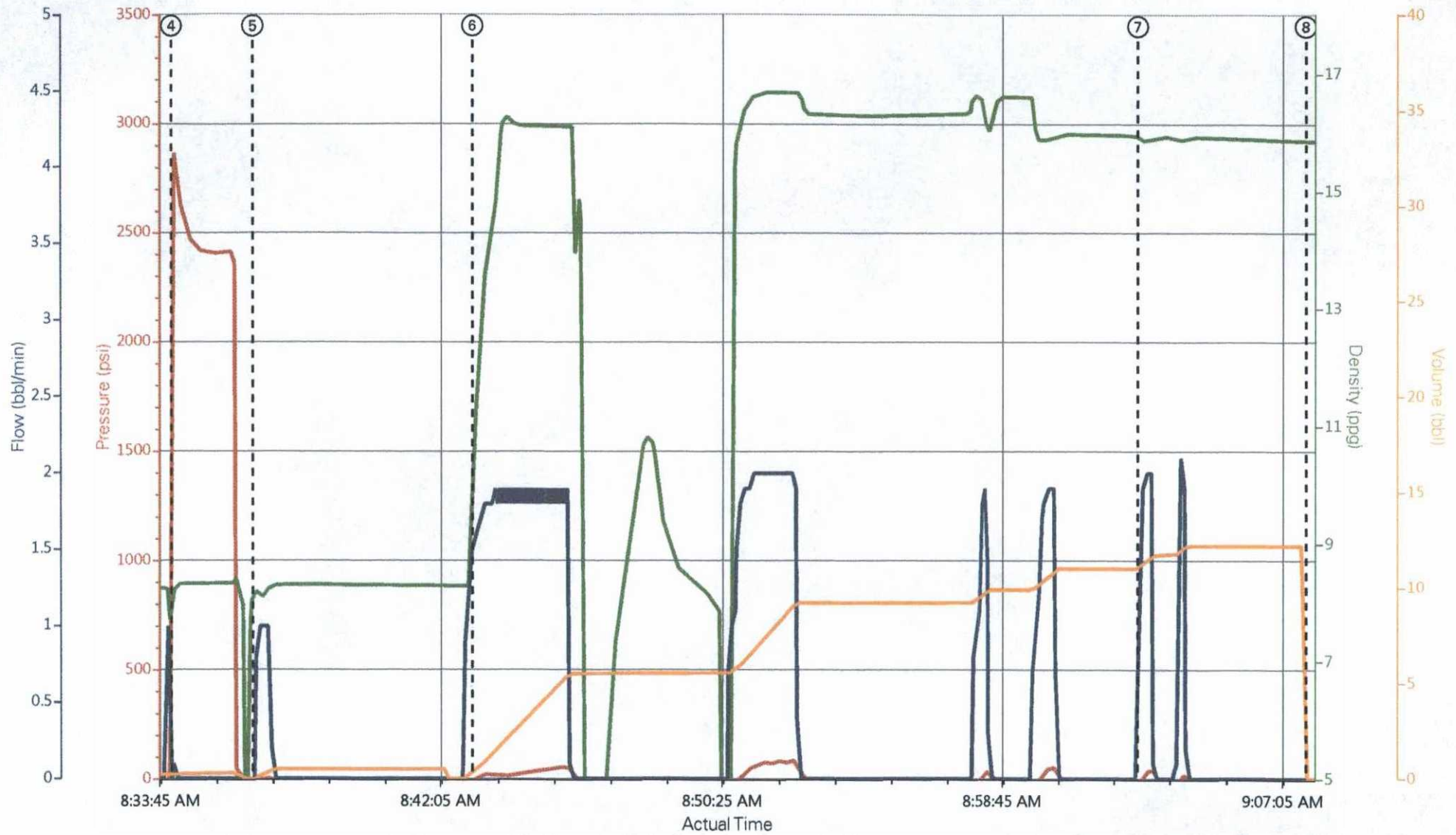
Representative: LEMONT JOJOLA

Sales Order #: 902929382

COMPANY MAN: MONTY STREIGAL



# NEW MEXICO #1 PTA DAY 8



PS Pump Press (psi) DH Density (ppg) PS Pump Rate (bbl/min) PS Pmp Stg Tot (bbl)

① Call Out ② Pre-Convoy Safety Meeting ③ Start Job ④ Pressure Test ⑤ Pump Spacer ⑥ Pump Cement ⑦ Cement Returns to Surface ⑧ End Job

**HALLIBURTON** | iCem® Service

Created: 2015-12-02 08:23:54, Version: 4.1.107

Edit

Customer: ELM RIDGE EXPLORATION CO LLC - EBUS

Job Date: 12/2/2015 8:26:17 AM

Well: NEW MEXICO #1

Representative: JACOB AYERS JE -0112

Sales Order #: 902929382

COMPANY MAN: MONTY STRIEGLE