

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

APR 07 2015

RECEIVED

5. Lease Serial No.
NMLC031670A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
SEMU 2492. Name of Operator
CONOCOPHILLIPSContact: TAMARICA STEWART
E-Mail: tamarica.stewart@conocophillips.com9. API Well No.
30-025-420203a. Address
600 NORTH DAIRY ASHFORD P-10-03-3007A
HOUSTON, TX 770793b. Phone No. (include area code)
Ph: 281-206-561210. Field and Pool, or Exploratory
SKAGGS;GRAYBURG

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

Sec 19 T20S R38E Mer NMP 1360FNL 242FWL

11. County or Parish, and State

LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (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.)

Chris Wall at BLM was notified of backside pressure and CBL was ran on 10/24/2014.
11/20/2014 Ran PT @ 200#/ 2 mins, 2000#/ 2 mins & 6730#/10 mins-test good.
11/29/2014 RIH with perf gun & shot perfs @ 3,842'-3,966'. Frac stage #1 w/ 2,000 gals of 15% acid & 100,000# of proppants. Please see the attached post job report that details further the frac information. Currently there is no increase pressure in the annulus. Production operations will continue to monitor the pressure on this well.
2/10/2015 RIH & D.O plugs to 4,131'.
2/20/2015 ND BOP NU WH RDMO.

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

**Electronic Submission #293597 verified by the BLM Well Information System
For CONOCOPHILLIPS, sent to the Hobbs**

Name (Printed/Typed) TAMARICA STEWART

Title REGULATORY TECHNICIAN

Signature (Electronic Submission)

Date 03/03/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 and Title 43 U.S.C. Section 1212, make 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

'APR 16 2015'

HOBBS OCD

APR 07 2015

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Post-Job Report

Conoco Phillips

SEMU 249

Table of Contents:

- Proposal
- Treatment Reports
- Work Ticket
- Inventory
- Plots



ConocoPhillips

SEMU 249

Lea County, NM
1 Stage Acid and Stimulation Treatment

Prepared for Curt Sievert
ConocoPhillips
(432) 688-9157

Prepared by Larry Bagley
(870) 784-6677

Universal Pressure Pumping, Inc.

Midland
Contact: Bobby Duty
(432) 570-4899

26-Nov-14

ConocoPhillips
SEMU 249
Lea County, NM
1 Stage Acid and Stimulation Treatment
November 26, 2014

JOB DATA

Job Type: 1 Stage Acid and Stimulation Treatment
Tubing Size: na
Casing Size: 4 1/2" 17# L-80
Well/Production type: Oil / Gas / Water

Fluid Requirements:

Fluid 1:	15% NEFe HCl Acid
Fluid 2:	Freshwater
Fluid 3:	AmGelMax 1010 (10# Linear Gel)
Fluid 4:	AmBorMax 1020 (20# Xlink Gel)
Fluid 5:	AmBorMax 1020 (20# Xlink Gel w/Superset)

Fluid for Job
2,000 gallons

Bottoms, Etc.

Total Fluid Required
2,000 gallons

7,700 gallons

7,700 gallons

34,000 gallons

34,000 gallons

7,500 gallons

7,500 gallons

Proppant Requirements:

Code:
830020 16-30 mesh Brown Sand, Area 1
835150 Santrol Super LC, 16/30 mesh - Curable

590 CWT

41,000 Lb

ZONE DATA

Zone	Zone Name	Perf Interval		# of Perfs	Perf Dia.	Frac Gradient	Closure Pressure	Bottom Hole °F	Porosity (%)	Permeability (md)	Frac Height	Estimated Treating PSI	Maximum Allowable PSI
		Top	Bottom										
1	Grayburg	3,842	3,966	60	0.36	0.79	2507	125	-	-	-	4,000	1250

Additional Information:

API #: 300-254-2020

Latitude: 32.561981

|Longitude: 103.1952

ConocoPhillips
 SEMU 249
 Lea County, NM
 1 Stage Acid and Stimulation Treatment
 26-Nov-14

FLUID SPECIFICATIONS

Fluid 1: 15% NEFe HCl Acid
 Fluid 2: Freshwater
 Fluid 3: AmGelMax 1010 (10# Linear Gel)
 Fluid 4: AmBorMax 1020 (20# Xlink Gel)
 Fluid 5: AmBorMax 1020 (20# Xlink Gel w/Superset)
 Fluid 6:

CHEMICAL

UOM

LOADING PER 1000 GALS.

15% HCl Acid, Area I Gal
 NE-1, Non-Emulsifier (Non-Ionic) Gal
 CIA-1, Low Temp Corrosion Acid Inhibitor (Up to 160 F) Gal
 I-2L, Iron Control Additive (Glacial Acetic Acid) Gal
 S-602, Flow Aid Surfactant (Non-ionic) Gal
 WGA-1A SLR, Slurried High Yield Guar Gal
 B-4, Breaker - High Temp. Oxidizer Breaker (APS) Lb
 CX-9, Crosslinker (ProGel Borate) Gal
 BIO-15G, Glutaraldehyde & Quaternary Combination Liquid Bacterici Gal

 Superset-W Gal

Fluid 1:	Fluid 2:	Fluid 3:	Fluid 4:	Fluid 5:	
2,000 gls.	0 gls.	7,700 gls.	34,000 gls.	7,500 gls.	
1000.00					
1.00					
3.00					
3.00					
		1.00	1.00	1.00	
		2.50	5.75	5.75	
		1.00	1.00	1.00	
			0.75	0.75	
	0.40	0.40	0.40	0.40	
				10.00	

Additional Information:

Please bring B-6E to run at 2.50 gpt if needed.

ConocoPhillips
SEM U 249
Lea County, NM
1 Stage Acid and Stimulation Treatment
26-Nov-14

Pump Schedule

Zone: Grayburg Perforations: 3842 - 3966 # Perfs: 60 Perf Diameter: 0.36 Frac Gradient: 0.79 Est Closure Pressure: 2506.512			Bottom Hole Temp (°F): 125 Porosity (%): - Permeability (md): - Frac Height: - Est Treating PSI: 4,000 Max Allowable PSI: 6,730				
Stage	Fluid	Gallons	Prop	Proppant	Rate	Slurry Bbls.	Stage Time
Acid	15% NEFe HCl Acid	2,000			10	47.6	4.8
Displace	AmGelMax 1010 (10# Linear Gel)	4,000			60	95.2	1.6
Pad	AmBorMax 1020 (20# Xlink Gel)	15,000			60	357.1	6.0
1.00	AmBorMax 1020 (20# Xlink Gel)	3,000	16-30 mesh Brown Sand, Area I	3,000	60	74.7	1.2
2.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area I	8,000	60	103.9	1.7
3.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area I	12,000	60	108.2	1.8
4.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area I	16,000	60	112.5	1.9
5.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area I	20,000	60	116.8	1.9
5.00	AmBorMax 1020 (20# Xlink Gel w/Superset)	4,000	Santrol Super LC, 16/30 mesh - Curable	20,000	60	117.6	2.0
6.00	AmBorMax 1020 (20# Xlink Gel w/Superset)	3,500	Santrol Super LC, 16/30 mesh - Curable	21,000	60	106.8	1.8
Flush	AmGelMax 1010 (10# Linear Gel)	3,700			60	88.1	1.5
Stage Totals		51,200		100,000		1,328	26.1



TREATMENT REPORT

GENERAL INFORMATION

Customer	Conoco Phillips	County	Lea	Job No.	115006712	Date	11/29/14
Well #	SEMU 249	District	MIDLAND	Location	30-254-2020		
Lease	0	State	NM	Job Type	Frac	Stage No.	1 of 1

WELL DATA

Formation	Grayburg	Type	0	TVD	0	PBTD	0
Casing Size	5 1/2"	Weight	17 #	Grade	L-80	Set From//To	0
Liner Size	0	Weight	0	Grade	0	Set From//To	
Tubing Size		Weight		Grade		Set From//To	
Packer Type		Set At					
No. Perfs	60	Perf Size	0.42	Interval	3842 3966		

TREATMENT DATA

Base Fluid Type	0	Base Vol.	
Pad Type	Slickwater (Linear Gel)	Pad Vol.	13608 gal
Treatment Fluid	AmBorMax XL Gel	Trmt Vol.	36162 gal
Wellbore Fluid		Treat Via	Casing

CAPACITIES

Tubing Capacity		Flush Volume	89 bbl
Casing Capacity	89 bbl	Fluid to Load	0 bbl
Annulus Capacity		Fluid to Recover	1824 bbl
Hole Capacity	0 bbl	Slurry Volume	1931 bbl

PROPPANT DATA

Prop 1	16-30 Brow	Mesh	Quantity	59,231
Prop 2	16-30 Super LC	Mesh	Quantity	41,080
Prop 3	0	Mesh	Quantity	0
		Mesh	Total sand	100,311

CHEM DATA

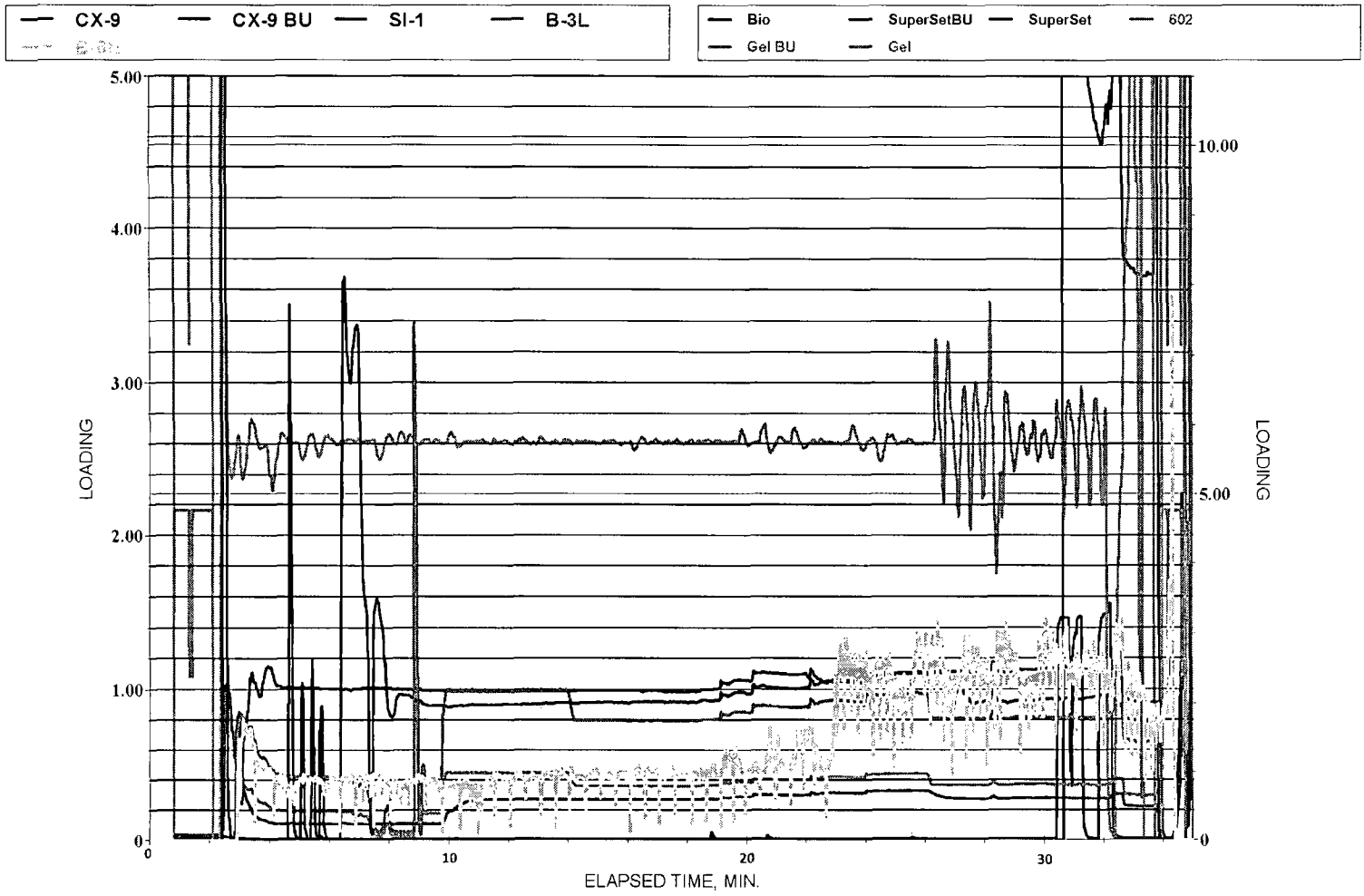
Acid	2000	CX-9	61	SI-1	72
CIA-5	6	B-6E	65	B3L	5
I2-L	6	BIO-15	43		
NE-1	2	S-602	52		

PROCEDURE SUMMARY

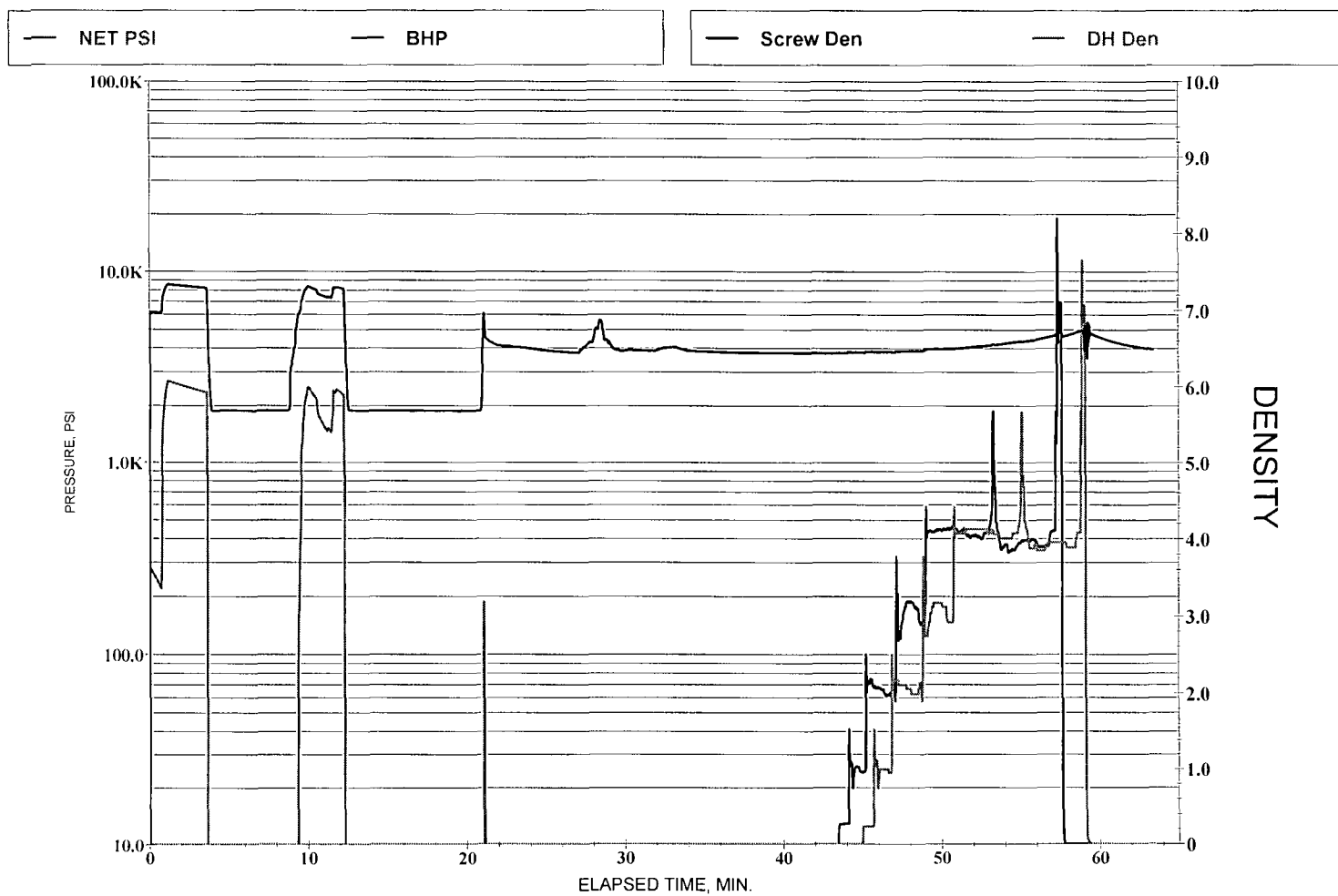
[illegible]

Surface Treating Pressure	Minimum	1,935	Maximum	4375.0	Average	2894.9	
Down Hole Rate	Minimum		Maximum	60.4	Average	58.7	
Operator's Max. Pressure	6200	5 MIN SHUT IN PRESSURE			1,935	FINAL ISIP	3,539
Customer Representative	Jerry Thurman				Joel Cervantes		

ConocoPhillips SEMU 249 -CHEM- 1 of 1



ConocoPhillips SEMU 249 -NET- 1 of 1



ConocoPhillips SEMU 249 -SIM- 1of1

