Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
MAR 10 2015
RECEIVED

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC031670A

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
SEMU 249

2. Name of Operator
CONOCOPHILLIPS

Contact: TAMARICA STEWART
E-Mail: tamarica.stewart@conocophillips.com

9. API Well No.
30-025-42020

3a. Address
600 NORTH DAIRY ASHFORD P-10-03-3007A
HOUSTON, TX 77079

3b. Phone No. (include area code)
Ph: 281-206-5612

10. 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 Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 recomplete 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 recompletion 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.
11/29/204 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 KZ

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 ****

MAR 20 2015

UNIVERSAL
PRESSURE PUMPING, INC.

30-025-42020

Post-Job Report

Conoco Phillips

SEMU 249

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UNIVERSAL
PRESSURE PUMPING, INC.

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 for Job**	**Bottoms, Etc.**	**Total Fluid Required**
Fluid 1:	15% NEFe HCl Acid	2,000 gallons		2,000 gallons
Fluid 2:	Freshwater			
Fluid 3:	AmGelMax 1010 (10# Linear Gel)	7,700 gallons		7,700 gallons
Fluid 4:	AmBorMax 1020 (20# Xlink Gel)	34,000 gallons		34,000 gallons
Fluid 5:	AmBorMax 1020 (20# Xlink Gel w/Superset)	7,500 gallons		7,500 gallons

Proppant Requirements:

Code:		
830020	16-30 mesh Brown Sand, Area 1	590 CWT
835150	Santrol Super LC, 16/30 mesh - Curable	41,000 Lb

ZONE DATA

Zone	Zone Name	Perf Interval Top	Perf Interval Bottom	# of Perfs	Perf Dia.	Frac Gradient	Closure Pressure	Bottom Hole °F	Porosity (%)	Permeability (md)	Frac Height	Estimated Treating PSI	Maximum Allowable PSI
1	Grayburg	3,842	3,966	60	0.36	0.79	2507	125	-	-	-	4,000	6,730

Additional Information:

API #: 300-254-2020
Latitude: 32.561981
Longitude: 103.1952

ConocòPhillips
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.*					
		Fluid 1:	Fluid 2:	Fluid 3:	Fluid 4:	Fluid 5:	
		2,000 gls.	0 gls.	7,700 gls.	34,000 gls.	7,500 gls.	
15% HCl Acid, Area 1	Gal	1000.00					
NE-1, Non-Emulsifier (Non-Ionic)	Gal	1.00					
CIA-1, Low Temp Corrosion Acid Inhibitor (Up to 160 F)	Gal	3.00					
I-2L, Iron Control Additive (Glacial Acetic Acid)	Gal	3.00					
S-602, Flow Aid Surfactant (Non-ionic)	Gal			1.00	1.00	1.00	
WGA-1A SLR, Slurried High Yield Guar	Gal			2.50	5.75	5.75	
B-4, Breaker - High Temp. Oxidizer Breaker (APS)	Lb			1.00	1.00	1.00	
CX-9, Crosslinker (ProGel Borate)	Gal				0.75	0.75	
BIO-15G, Glutaraldehyde & Quaternary Combination Liquid Bacterici	Gal		0.40	0.40	0.40	0.40	
Superset-W	Gal					10.00	

Additional Information:

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

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

Pump Schedule

Zone: Grayburg		**Bottom Hole Temp (°F):** 125	
Perforations: 3842 - 3966		**Porosity (%):** -	
# Perfs: 60		**Permeability (md):** -	
Perf Diameter: 0.36		**Frac Height:** -	
Frac Gradient: 0.79		**Est Treating PSI:** 4,000	
Est Closure Pressure: 2506.512		**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 1	3,000	60	74.7	1.2
2.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area 1	8,000	60	103.9	1.7
3.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area 1	12,000	60	108.2	1.8
4.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area 1	16,000	60	112.5	1.9
5.00	AmBorMax 1020 (20# Xlink Gel)	4,000	16-30 mesh Brown Sand, Area 1	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**

UNIVERSAL
PRESSURE PUMPING, INC.

TREATMENT REPORT

GENERAL INFORMATION

Customer	Conoco Phillips	County	Lea	Job No.	1115006712	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 G	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		Quanity	59,231
Prop 2	16-30 Super LC	Mesh		Quanity	41,080
Prop 3	0	Mesh		Quanity	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		
WGA-A1	417	Superset-W	61		

PROCEDURE SUMMARY

Time	Treating Pressure		Slurry Rate	Slurry Volumes		C02/N2 Rate	C02/N2 Volumes		Job Comments
AM/PM	Well Bore	Annulus	BPM	Stage	Total	BPM/SCFM	Stage	Total	
21:00	763		0.0	7	0				OPEN WELL
21:02	4,375		11.4	21	7				BREAK DOWN
21:04	2,270		11.4	48	28				15%NEFeHCL
21:08	2,539		18.5	324	76				Displace (#10 Linear Gel
21:14	2,744		60.4	595	400				Pad (#20 XL Gel)
21:25	2,499		60.4	76	995				1.00 16/30 Mesh Brown Sand(20# XL Gel)
21:26	2,446		59.2	104	1,071				2.00 16/30 Mesh Brown Sand(20# XL Gel)
21:27	2,442		59.4	108	1,175				3.00 16/30 Mesh Brown Sand(20# XL Gel)
21:29	2,827		59.2	275	1,283				4.00 16/30 Mesh Brown Sand(20# XL Gel)
21:36	3,157		57.4	258	1,558				4.00 16/30 Super LC Sand(20# XL Gel)
21:38	3,158		57.7	28	1,816				5.00 16/30 Super LC Sand(20# XL Gel)
21:39	3,387		59.4	88	1,844				FLUSH (#10 Linear Gel)
21:41	3,539		0.0		1,932				SHUTDOWN
21:46	1,935								5 MIN SHUTDOWN
									ISIP 3,539 FG. #DIV/0!

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		

UNIVERSAL
PRESSURE PUMPING, INC.

DISPATCH / INVENTORY CONTROL

District	Job No.	Customer	Salesman	Date	Time	Well Name and Number	RTS Date	RTS Time
MIDLAND	1115006712	Conoco Phillips	Neil Hayes	11/29/2014		SEMU 249	11/29/2014	8:00

Client PO / AFE No.	Order Placed By	Phone No.	Credit No.	Rig Name / No.	Tanks on Location	Wellhead Connections
#A1210248	Neil Hayes					

Directions to Location

On Yard	Ready to Leave	Arrived On Location	Started Pumping	Expected Rate & Pressure	Maximum Pressure
					4256

Stg, 1-1

Notes

Chemicals and Sand

Part #	Description	UOM	Recom'd	Loaded	Returned	Used	Charged	Verified
822210	WGA-1A SLR, Slurried High Yield Guar	Gal	450	4852	4496	356		
821130	CX-9, Crosslinker (ProGel Borate)	Gal	90	230	146	84		
820520	B-4, Breaker - High Temp. Oxidizer Breaker (APS)	Lb	90	330	330	0		
821967	AP-FR-1 (Friction Reducer)	Gal	57	182	83	99		
823896	AP-Surf-1A (Water Wetting, Non-Emulsifying Surfactant)	Gal	147	544	507	37		
823402	AP-Scale-1 (Water based scale inhibitor)	Gal	37	6600	6,570	30		
823250	Buffer-10L, High pH Adjuster - Liquid K Carb	Gal	0	2640	2,640	0		
820640	B-6E, Encapsulated Low Temp. Modified AP (80 to 140 F)	Lb	90	4600	4,520	80		
820510	B-3L, Breaker - Hi pH Enzyme Breaker	Gal	9	8000	7,996	4		
820867	Aqucar 742 (biocide, 42.5/7.5 Glut/Quat)	Gal	44	2475	2,433	42		
833040	40-70 mesh White Sand, Area 1	CWT	300	298	0	298		
833000	20-40 mesh White Sand, Area 1	CWT	1,000	964	0	964		
835705	Preferred RCS, Garnet 20/40 mesh - Curable	Lb	90,000	90100	0	90100		

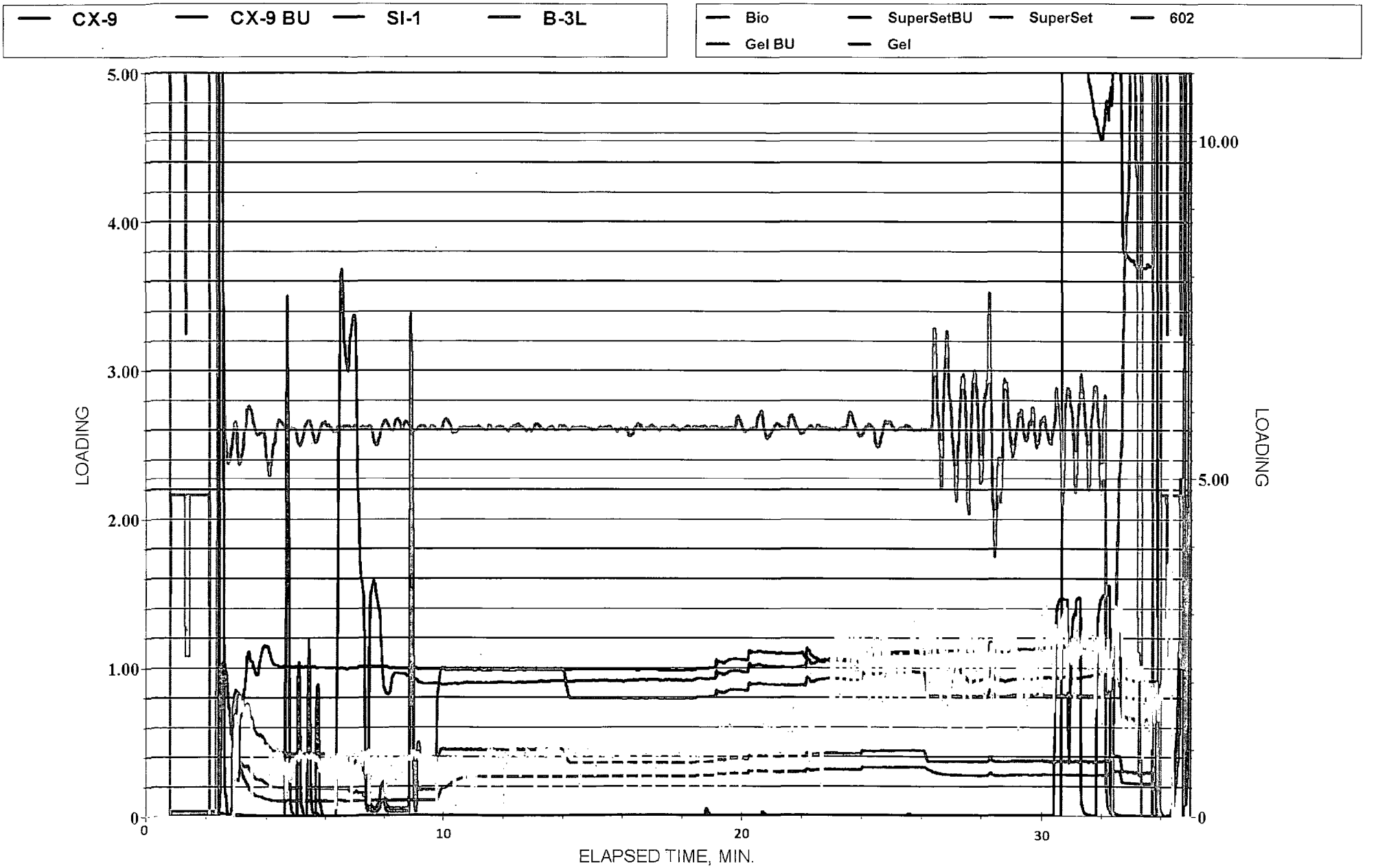
Personnel and Equipment

Name	Unit #	Tractor #	Unit Type	Name	Unit #	Tractor #	Unit Type
0							

Connections Left on Location

Service Supervisor Name	Service Supervisor Signature	Date
Joel Cervantes		11/29/2014

ConocoPhillips SEMU 249 -CHEM- 1 of 1



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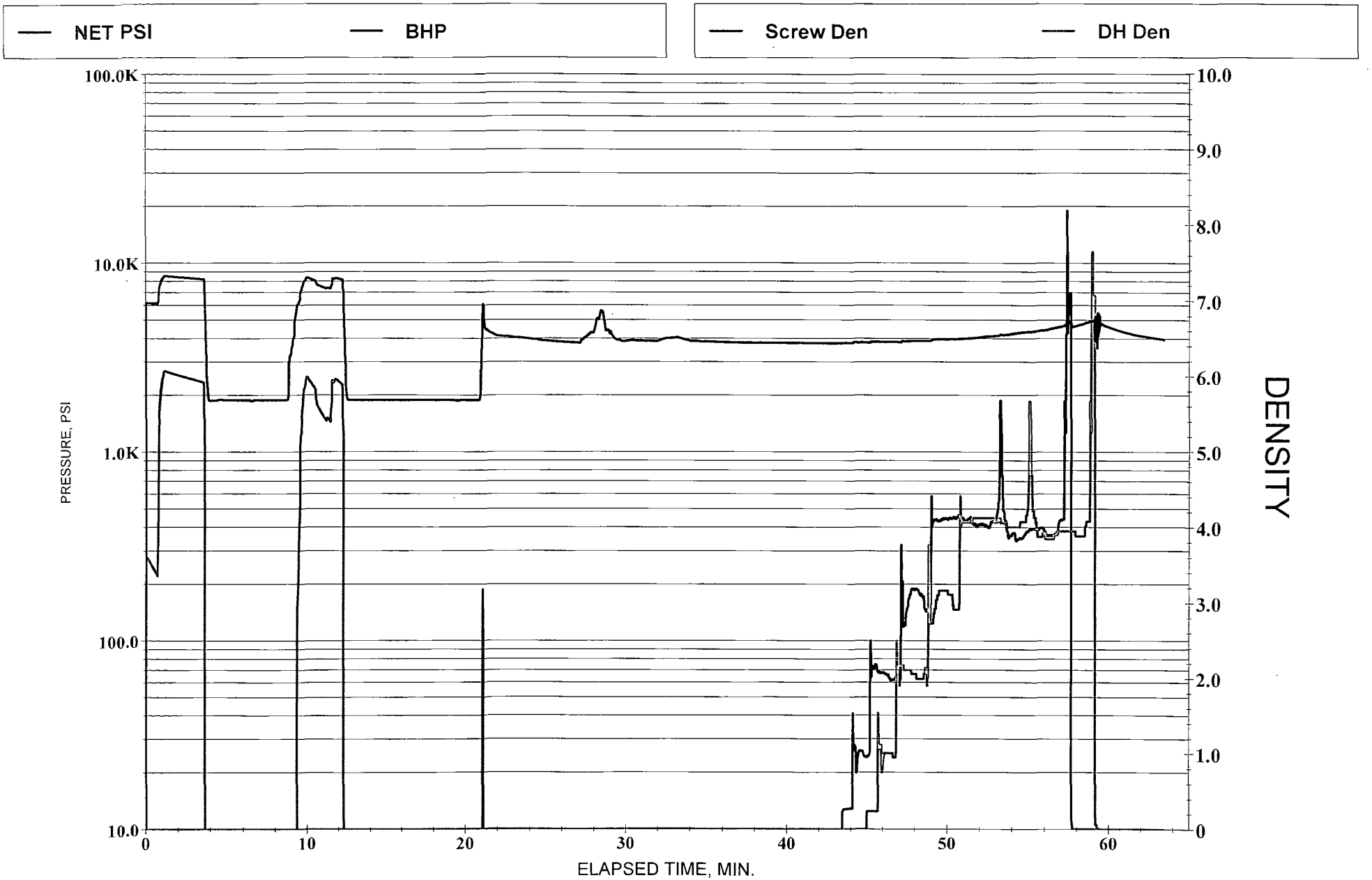

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