

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM030752

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
EMPIRE A FEDERAL #2

(39808)

9. API Well No.
30-015-29618

S2

10. Field and Pool or Exploratory
SWD WOLFCAMP/CANYON

11. Sec., T., R., M., on Block and
Survey or Area UL - H
27 18S 29E

12. County or Parish

13. State

EDDY

NM

17. Elevations (DF, RKB, RT, GL)*
GR 3434'

20. Depth Bridge Plug Set: MD
TVD 11124'

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 J-55	48#	SURFACE	330'		365 SXS		SURFACE	NONE
12 1/4	8 5/8 J-55	36#	SURFACE	3200'		1335 SXS		SURFACE	NONE
7 7/8	5 1/2 P110	17#	SURFACE	11401'		250 SXS		10416'	NONE
	N-80								
03/05/13	squeeze	annulus	from	9960'		700 SXS	CLASS H	4274'	NONE

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	9024'	9029'						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP/CANYON	9091'	9895'	9091-9107, 9132-40			
B)			9230-40, 9270-80			
C)			9615-32, 9732-40			
D)			9755-68, 9882-95	4 SPF	388	OPEN

Depth Interval	Amount and Type of Material
9091'-9895'	20,000 GAL 15% HCL NEFE ACID

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

28. Production - Interval A

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

26. Perforation Record

25. Producing Intervals

24. Tubing Record

23. Casing and Liner Record (Report all strings set in well)

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit copy)

20. Depth Bridge Plug Set: MD
TVD 11124'

19. Plug Back T.D.: MD
TVD 9917'

18. Total Depth: MD
TVD 11404'

17. Elevations (DF, RKB, RT, GL)*
GR 3434'

16. Date Completed ☐ D & A ☐ Ready to Prod. 3/26/13

15. Date T.D. Reached

14. Date Spudded

At total depth

At top prod. interval reported below

At surface

Location of Well (Report location clearly and in accordance with Federal requirements)*
UL - H, S27, T18S, R29E 1650' FNL & 660' FEL

Address P.O. BOX 4, LOCO HILLS, NM 88255

3a. Phone No. (include area code)
(575) 677-2370

Name of Operator RAY WESTALL OPERATING, INC.

Other: CONVERT TO SWD SWD-1368

Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Type of Well: ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other

5. Lease Serial No. NM030752

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD Artesia

RECEIVED
APR 30 2013
NMOCD ARTESIA

FOR RECORD
APR 28 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Non-Well PDS for reporting sale of skim oil is 2837065 and

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

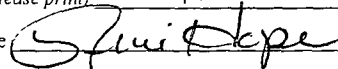
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Rene Hope

Title Bookkeeper

Signature



Date

3/28/13

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.

EMPIRE A FEDERAL # 2

02/27/13 – MOVE IN RIG UP PULLING UNIT. COME OUT OF HOLE WITH TUBING AND PACKER. LAY DOWN 2 3/8 TUBING.

02/28/13 – GO IN HOLE WITH 2 7/8 WORK STRING FROM RACKS AND C.I.B.P. NOTIFIED PAUL SWARTZ WITH BLM. HE SAID WE COULD SET C.I.B.P. AND HE WOULD VERIFY WHEN HE CAME TO LOCATION ON 03/01/13 TO SPOT CEMENT PLUG. WE SET C.I.B.P AT 11124'. SHUT DOWN

03/01/13 – TAG C.I.B.P. AT 11124'. WITNESSED AND TUBING TALLY VERIFIED BY PAUL SWARTZ/BLM. SPOT CEMENT PLUG FROM 11124' TO 10686'. SEE ATTACHED. WITNESSED SPOTTING OF PLUGS BY PAUL SWARTZ/BLM. COME OUT OF HOLE. SHUT DOWN. W.O.C.

03/04/13 – PERFORATE SQUEEZE HOLES (4) AT 9960' (JUST ABOVE T.O.C). TAGGED CEMENT AT 10578' WITH WIRELINE. GO IN HOLE WITH RETAINER AND TUBING, SET RETAINER AT 9932', SHUT DOWN.

03/05/13 – RIG UP PAR FIVE TO CEMENT SQUEEZE ANNULUS OF 5 1/2 " CASING.SEE ATTACHED. COME OUT OF HOLE WITH TUBING, SHUT DOWN.

03/06/13 – WORK ON CEMENT.

03/07/13 – RIG UP JARREL SERVICES TO RUN CBL. TAGGED CEMENT AT 9917' RAN CBL (COPY SENT TO BLM ATTN: PAUL SWARTZ) ESTIMATED TOP OF CEMENT AT 4274'. GO IN HOLE TO PERFORATE 9882-95 (52 HOLES), 9755-68 (52 HOLES), 9732-40 (32 HOLES), 9615-32 (68 HOLES), 9270-80 (40 HOLES), 9230-40 (40 HOLES), 9132-42 (40 HOLES), 9091-9107 (64 HOLES). GO IN HOLE WITH TUBING. RBP AND PACKER. SHUT DOWN.

03/08/13 – SET RBP AT 9914' – PACKER AT 8993'. START SWABBING, SWAB WELL DRY TO S.N. IN 12 RUNS. WAIT 1 HOUR, HOLD 200' FLUID ENTRY – ALL WATER – NO GAS OR OIL. WAIT 1 HOUR, HAD 200' FLUID ENTRY – ALL WATER – NO OIL OR GAS. SHUT DOWN.

03/11/13 – RIG UP ELITE WELL SERVICES TO ACIDIZE PERFS WITH 20,000 GALLONS 15% NEFE ACID. HAD TUBING LEAK. COME OUT OF HOLE, FOUND BAD COLLAR ON TUBING. SHUT DOWN.

03/12/13 – GO IN HOLE WITH TUBING AND PACKER TO 8993'. ACIDIZE WELL. AUG RATE 5.3 BPM AT 3730 PSI. ISDP 2963 PSI.

03/13/13 – FLOW DOWN, COME OUT OF HOLE WITH TUBING, PACKER AND RBP. LAY DOWN WORK STRING. SHUT DOWN.

03/14/13 – GO IN HOLE WITH PACKER, PROFILE NIPPLE, ON-OFF TOOL AND I.P.C (SALTA LINED) TUBING. SET PACKER AT 9029' (TOP PERF AT 9091') PUMP 2% KCL FLUID WITH PACKER FLUID.

EMPIRE A FEDERAL # 2 CONTINUED

03/14/13 - PRESSURE ANNULUS TO 500 PSI – HELD OK. FLANGE UP WELL HEAD. RIG DOWN PULLING UNIT, MOVE OFF WELL.

03/22/13 – CALLED PAUL SWARTZ WITH BLM TO SCHEDULE M.I.T ON 03/26/13.

03/26/13 – PERFORM M.I.T. TEST ON WELL. PRESSURE TESTED ANNULUS TO 500 PSI – HELD OK. TEST WITNESSED BY PAUL SWARTZ WITH BLM. COPY OF CHART RECORDING ATTACHED. WELL READY TO START INJECTING.

B-11
DESIGN – EXECUTE – EVALUATE – REPORT

SQUEEZE

RAY WESTALL OPERATING

**EMPIRE A FED #2
EDDY COUNTY, NEW MEXICO**

Prepared By: DAVID D BRAY

FIELD SPECIALIST

ARTESIA DISTRICT

3-5-2013

Cementing Service Report

Treatment Number 00002172	Date: 3-5-2013
STAGE	API. NO

WELL NAME AND NO.: EMPIRE A FED #2		LOCATION (LEAGAL)		RIG NAME:													
FIELD/		FORMATION		PO#		WELL DATA:				BOTTOM				TOP			
COUNTY/PARISH: EDDY		STATE: NM		AFE. NO		BIT SIZE		CSG/Liner Size		5 1/2							
						T.D.		WEIGHT		17#							
						ROT		CABLE		FOOTAGE		9960					
										GRADE		J-55					
						MUD TYPE		THREAD									
						MUD DENSITY		LESS FOOTAGE									
								SHOE JOINT(S)						TOTAL			
						MUD VISC		Disp. Capacity		57.5				57.5			
NAME: RAY W:STALLOPERATING INC						NOTE: Include Footage From Ground Level To Head In Disp. Capacity											
AND						FLOAT		TYPE		Insert		Stage Tool		TYPE			
ADDRESS								DEPTH						DEPTH			
ZIP CODE						SHOE		TYPE		Guide				TYPE			
SPECIAL INSTRUCTIONS								DEPTH						DEPTH			
SQUEEZE																	
						TBG		D.P.				SQUEEZE JOB					
						SIZE:		2.875				TOOL		TYPE: RETAINER			
						WEIGHT:		6.5						DEPTH: 9633			
IS CASING/TUBING SECURED? YES NO						GRADE:		J-55				TAIL PIPE: SIZE		DEPTH			
LIFT PRESSURE PSI						CASING WEIGHT + SURFACE AREA (3.14 X R ²)						TUBING VOLUME		57.5 Bbls			
PRESSURE LIMIT PSI																	
BUMP PLUG TO +/- 500 PSI						NEW USED X						CASING VOL. BELOW TOOL		.6 Bbls			
						DEPTH: 9933						TOTAL		58 Bbls			
						No. of Centralizers						ANNUAL VOLUME		151 Bbls			

TIME 0001 TO 2400	PRESSURE		VOLUME PUMPED bbl		JOB SCHEDULED FOR 08:00 DATE 3-5-2013			TIME: ARRIVED ON LOCATION TIME: 07:00 DATE: 3-5-2013		LEFT LOCATION TIME: 13:00 DATE: 3-5-2013	
	TBG ORD.P.	CASING	INCREMENT	CUM	INJET RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOGE DETAIL			
7:00								ON LOC RIG UP ON GROUND			
8:00	XXX							SAFETY MEETING,START JOB			
8:16	XXX	5200	0.5		0.5	F/W	8.34	TEST LINES			
8:18	XXX	800	20		2.5	F/W	8.34	MUD PUSH			
8:40	XXX	800	10		2.5	F/W	8.34	WATER SPACER			
8:50	XXX	0	201		2.5	CMT	12.9	LEAD CEMENT			
10:18	XXX	0	21		3	CMT	15.6	TAIL CEMENT			
10:29	XXX	800	57.5		3	F/W	8.34	DISPLACEMENT			
10:55	XXX				0	F/W	8.34	SHUT DOWN			
11:06	XXX	1100	120		3.5	F/W	8.34	REVERSE OUT			
	XXX										
	XXX										
	XXX										
	XXX										
	XXX										
	XXX										
	XXX										
	XXX							THANK YOU FOR USING PAR FIVE SERVICES!!!!			

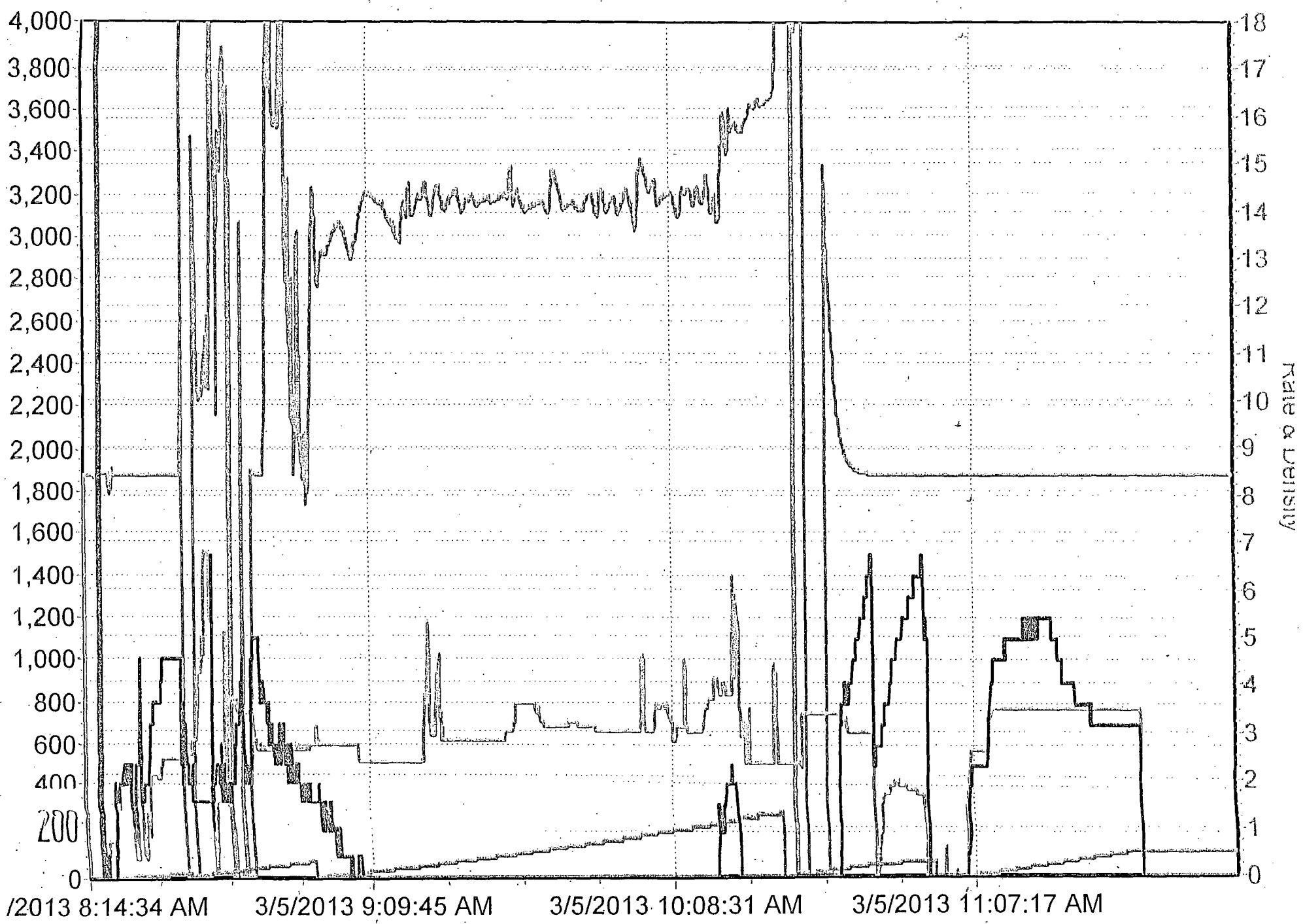
REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED	
				BBLS	DENSITY
1	600	1.89	35/65 POZ/H + 5%PF44 + 6%PF20 + 0.3%PF13 + 0.125ppsPF29 + 0.25ppsPF46	202	12.9
2	100	1.18	H + 0.3%PF13	21	15.6
3					
4			200# SUGAR		
5			20 BBLS PF827		
6					

BREAKDOWN FLUID TYPE					VOLUME		DENSITY		PRESSURE											
HESITATION SQ.					RUNNING SQ.		CIRCULATION LOST		500		MAX.		0		MIN.					
BREAKDOWN					PSI		FINAL		PSI											
Washed Thru Perfs					Yes	No	TO	FT.	MEASURED DISPLACEMENT		WIRELINE		TYPE OF WELL		OIL GAS		STORAGE INJECTION		BRINE WATER WILDCAT	
PERFORATIONS									CUSTOMER REPRESENTATIVE											
TO					TO															
TO					TO					DONNIE MATHS										
									DAVID D BRAY											

M/D TOTCO 2000 SERIES

— Density — Total Rate — Total Volume — Total Pressure



DESIGN – EXECUTE – EVALUATE – REPORT

PLUGGING

**RAY WEASTALL OPERATION.INC
EMPIRE A FEDERAL#2
EDDY COUNTY, NM**

**Prepared By: Anthony Granados
, And Robert Nunez**

FIELD SPECIALIST

ARTESIA DISTRICT

3/1/2013

PAZ FIVE

ENERGY SERVICES LLC

Cementing Service Report

Treatment Number 2300	Date 3-1-13
API NO	

WELL NAME AND NO. EMPIRE A FEDERAL #2	LOCATION(LEAGAL)	WELL DATA:																																			
FIELD/POOL	FORMATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">BIT SIZE</td> <td style="width: 20%;">CSG/Liner Size</td> <td style="width: 20%;">2 7/8</td> <td style="width: 20%;">5 1/2</td> <td style="width: 20%;"></td> </tr> <tr> <td>TOTAL DEPTH</td> <td>WEIGHT</td> <td></td> <td>17</td> <td></td> </tr> <tr> <td>ROT CABLE</td> <td>FOOTAGE</td> <td>11,120</td> <td></td> <td></td> </tr> <tr> <td></td> <td>GRADE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MUD TYPE</td> <td>THREAD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MUD DENSITY</td> <td>LESS FOOTAGE SHOE JOINT(S)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MUD VISC</td> <td>Disp. Capacity</td> <td>60</td> <td></td> <td></td> </tr> </table>	BIT SIZE	CSG/Liner Size	2 7/8	5 1/2		TOTAL DEPTH	WEIGHT		17		ROT CABLE	FOOTAGE	11,120				GRADE				MUD TYPE	THREAD				MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)				MUD VISC	Disp. Capacity	60		
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MUD VISC	Disp. Capacity	60																																			
COUNTY/PARISH EDDY	STATE NM	AFE, NO																																			
NAME RAY V. EASTAL OPERATING, INC																																					
AND																																					

ADDRESS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">FLOAT</td> <td style="width: 10%;">TYPE</td> <td style="width: 10%;"></td> <td style="width: 10%;">STAGE TOOL</td> <td style="width: 10%;">TYPE</td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td>DEPTH</td> <td>932.9</td> <td></td> <td>DEPTH</td> <td></td> </tr> <tr> <td>SHOE</td> <td>TYPE</td> <td></td> <td></td> <td>TYPE</td> <td></td> </tr> <tr> <td></td> <td>DEPTH</td> <td></td> <td></td> <td>DEPTH</td> <td></td> </tr> </table>	FLOAT	TYPE		STAGE TOOL	TYPE			DEPTH	932.9		DEPTH		SHOE	TYPE			TYPE			DEPTH			DEPTH	
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	DEPTH	932.9		DEPTH																					
SHOE	TYPE			TYPE																					
	DEPTH			DEPTH																					
ZIP CODE																									
SPECIAL INSTRUCTIONS																									
SET PLUG AS PER COMPANY REP																									
IS CASING/TUBING SECURED? YES XX NO																									
LIFT PRESSURE PSI	CASING WEIGHT + SURFACE AREA (3.14 X R ²)																								
PRESSURE LIMIT PSI																									
BUMP PLUG TO PSI																									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">TBG</td> <td style="width: 20%;">D.P.</td> <td style="width: 20%;">SQUEEZE JOB</td> </tr> <tr> <td>SIZE</td> <td></td> <td>TYPE squeeze</td> </tr> <tr> <td>WEIGHT</td> <td></td> <td>DEPTH</td> </tr> <tr> <td>GRADE</td> <td></td> <td>TAIL PIPE: SIZE DEPTH</td> </tr> <tr> <td>THREAD</td> <td></td> <td></td> </tr> <tr> <td>NEW USED</td> <td></td> <td>CASING VOL BELOW TOOL Bbls</td> </tr> <tr> <td>DEPTH</td> <td></td> <td>TOTAL Bbls</td> </tr> <tr> <td></td> <td></td> <td>ANNUAL VOLUME Bbls</td> </tr> </table>	TBG	D.P.	SQUEEZE JOB	SIZE		TYPE squeeze	WEIGHT		DEPTH	GRADE		TAIL PIPE: SIZE DEPTH	THREAD			NEW USED		CASING VOL BELOW TOOL Bbls	DEPTH		TOTAL Bbls			ANNUAL VOLUME Bbls
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DEPTH		TOTAL Bbls																							
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TIME	0001 TO 2400	PRESSURE	TBG OR D.P.	CASING	INCREMENT	CUM	INJET RATE	FLUID TYPE	FLUID DENSITY	TIME	ARRIVED ON LOCATION	LEFT LOCATION
										JOB SCHEDULED FOR 8:00 AM DATE 3-1-13 TIME: 8:00AM DATE: 3-1-13 TIME: 12:00 DATE: 3-1-13		
SERVICE LOGE DETAIL												
PRE-JOB SAFETY MEETING												
PERSURE TEST LINS												
8:14		2000	XXX					FW	8.33		500 PSI TUBING	
8:15		500	XXX					FW	8.33		PUMP 120 BBLS FW	
8:15		1000	XXX				2	FW	8.33		END 120 BBLS FW	
9:18		1452	XXX			120		FW	8.33		START 15.6 CMT	
9:18		660	XXX					CMT	15.6		END 15.6 CMT	
9:27		500	XXX			12	2	CMT	15.6		START FW DISP	
9:27		486	XXX					FW	8.33		END FW DISP	
9:52		624	XXX			59	2	FW	8.33			
10:30		500	XXX					FW	8.33		RV CIR 110 BBLS	
11:00		782	XXX					FW	8.33		END RV CIR 2 BBLs = 9 SKS	

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED
				BBLs DENSITY
1	60	1.18	H+1%PF65+3%PF13	12 15.6
2				
3				
4				
5				
6				

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX. MIN.
HESITATION SQ.	RUNNING SQ.		Cement Circulated To Surf.	Yes xx No
BREAKDOWN	PSI FINAL PSI	DISPLACEMENT VOL Bbls	TYPE OF WELL	OIL STORAGE BRINE WATER
Washed Thru Perfs	Yes No TO FT.	MEASURED DISPLACEMENT WIRELINE	GAS INJECTION	WILDCAT
PERFORATIONS		CUSTOMER REPRESENTATIVE	ANTHONY GRANADOS	
TO TO				

Customer: Ray Westall Operating, Inc
Well Name: Empire A Federal #2
County: Eddy State: NM
Rig:
Requested By: Chris DeLeon

MD: 11124
TVD: 11124
BHST: 169
BHCT: 133

Report Date: March 01 2013
Stage: Plug
String: Plug
Blend Type: Field Blend
Reported By:

Slurry Information

Density: 15.60 ppg Yield: 1.18 cuft/sk Mix Fluid: 5.216 gal/sk

Slurry Composition

Cement Blend: Class H

PF-065 0.10% BWOB Cement Dispersant 04110
PF-013 0.30% BWOB Cement Retarder MM01C-2152B

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
80 °F	3.5	4	15.5	26	39	35.25	3.75
169 °F	12	16.5	28	35	40	18	22

Thickening Time

POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
3:47	3:58	4:08	4:14		0

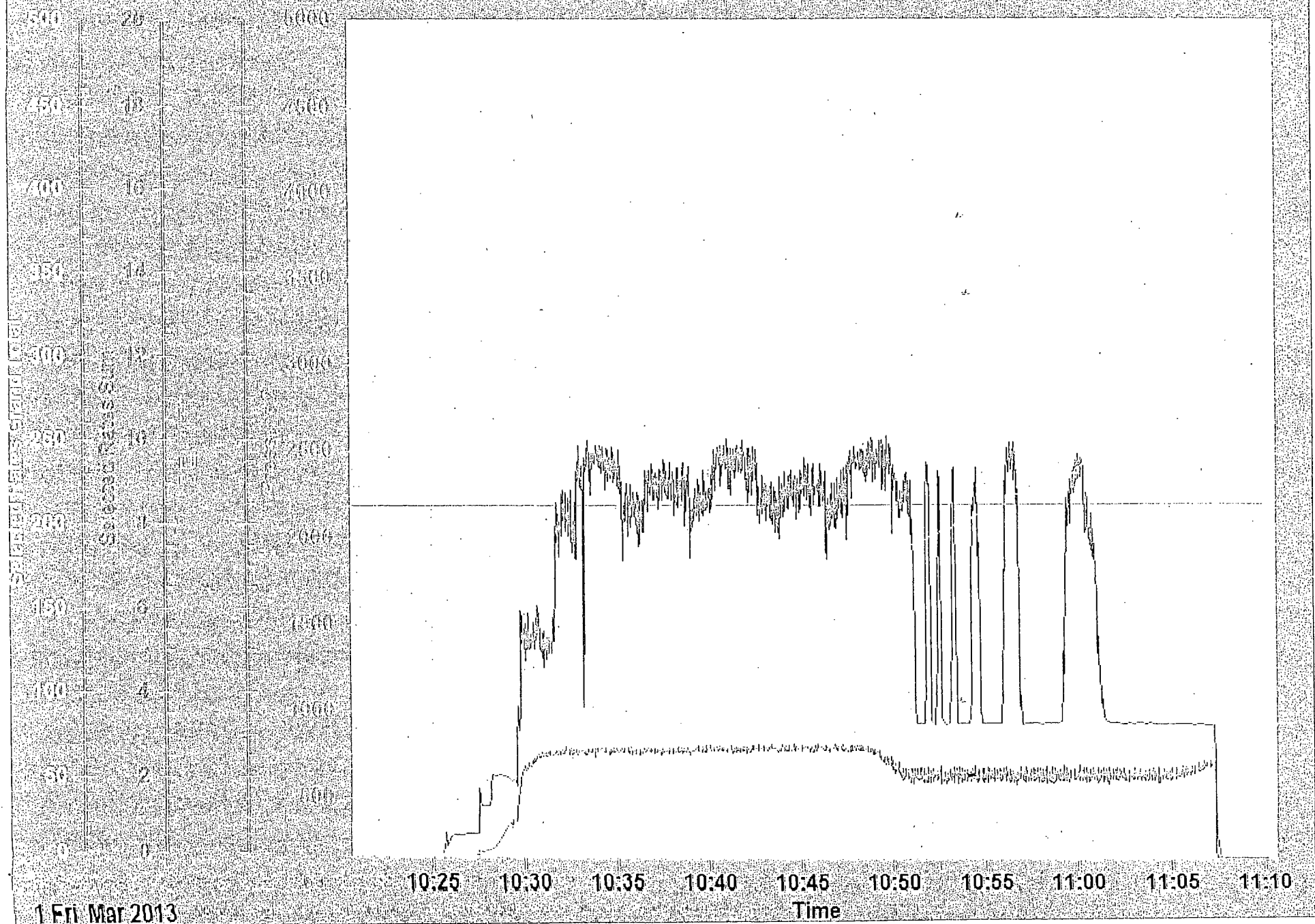
Thickening Time does not include batch time.

Free Fluid

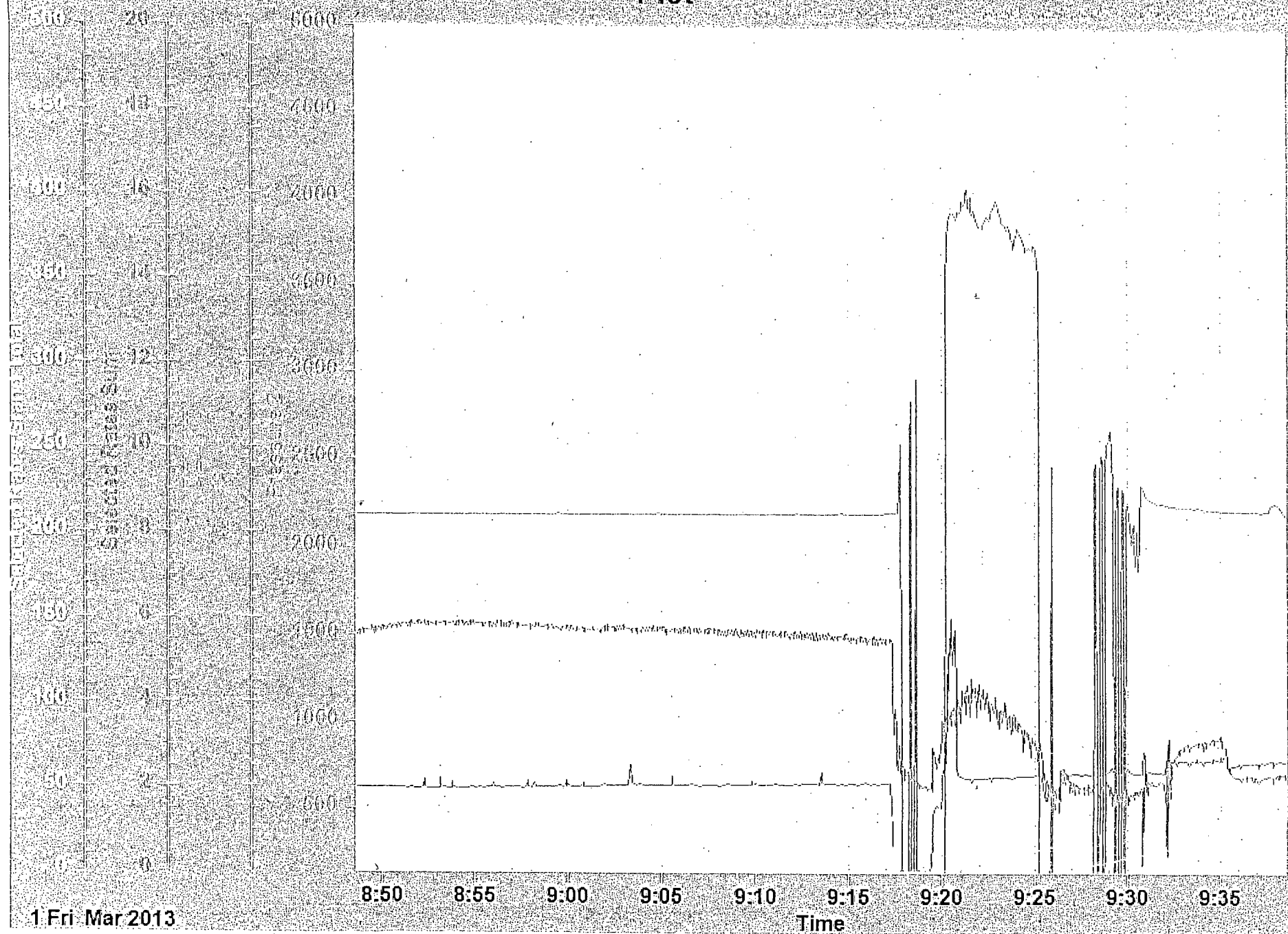
Temp	Incl.	ml Collected	Start Time	Stop Time
169 °F	0	2 ml/250	7:45	9:45

Comments

Plot



Plot



Date: 3/14/2013

Lea County Packers

Ray Westall

Empire A Fed Com #2

Eddy, N. Mex.

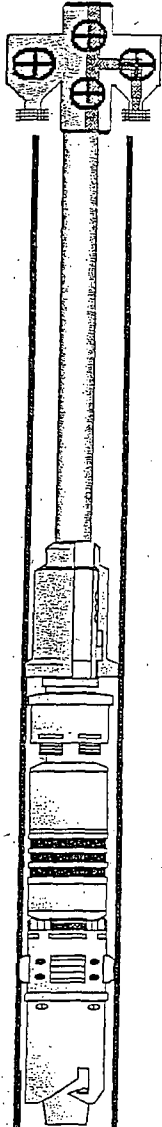
March 14, 2013

Company Rep. Danny

Tool Specialist Rene Juarez

Office Hobbs

SAP No.



Installation					
Length	Depth	Description		OD	ID
9,012.51	9,012.51	279 Jts, 2 7/8" 6.5# Tubing			
12.00	9,024.51	K.B. Correction			
(3.56)	9,020.95 9,020.95	Length of Compression			
1.71	9,022.66	2 7/8" On/Off Tool w/2.25 F Profile			
6.99	9,029.65	Nickel Plated Arrowset Packer 1X 2 7/8" X 5 1/2" 17.# Set W/ 15,000 Compression			
9,091.00		Perforations 9091'			
9,895.00		Perforations 9895'			

Filename:

