

PAR  FIVE
ENERGY SERVICES LLC

DESIGN – EXECUTE – EVALUATE – REPORT

8 5/8 Surface

**Jalapeno
Lizard 20 State #1
CHAVES COUNTY, NEW MEXICO**

Prepared By: STEPHEN MOFFETT

SERVICE SUPERVISOR

ARTESIA DISTRICT

575-748-8610

PUMP 2040

NOVEMBER 16, 2015

**NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 23 2015
RECEIVED**

**LED 11/23/15
accepted for record
NMOCB**

PAR FIVE

ENERGY SERVICES LLC

Field Ticket: TK T00005103

Date of Job: 11/16/2015		District: Artesia		New Well / Old Well: New Well	
Customer: _Unknown Customer				Well #: Lizard 20 State #1	
Address:				County: Chaves	
				State: New Mexico	
City:		State:		Field:	
				API#:	
Zip Code:		On Road Miles:		Off Road Miles:	
Contact Person/Companyman: Mr. Emmons Yates			Salesman: Chris DeLeon		
Contact Number:			Service Supervisor: Anthony Granados		
Rig Contractor:			Tractor:		Trailer:
Rig Number:					
Head & Manifold: 8 5/8 Surface					
Job Type: Casing					
Sks/Gals.		Cement Type/Additives			
1,135.00 sks		Class C, per cu. ft. (94lb/cu ft)			
1,067.00 LB		PF001 Calcium Chloride, per lb (50lb/cu ft)			

Equipment Operators:
Stephen Moffett
David Chavarria
Benny Leyba
Martinez Gil
Jose Reyes

Description	Quantity	Net Amount
Field Support Work	1.00	1,500.00
Mileage Charge, all other equipment, per mile*	140.00	388.08
Cars, pickups, monitoring vehicles round trip*	140.00	258.72
PF-999 - Sugar*	200.00	369.60
Casing - 0000 - 2000*	1.00	1,200.00
Top Plastic Plugs - 8.625*	1.00	172.79
Low Pressure Cement Plug Container*	1.00	369.60
Delivery Charge - Ton mileage, per ton mile*	3,430.00	4,116.00
Service Charges - Land jobs*	1,062.00	2,017.80
Class C, per cu. ft. (94lb/cu ft) (300% EXCESS)	1,042.00	14,879.76
PF001 Calcium Chloride, per lb (50lb/cu ft)	983.00	619.29
Job Total		25,891.64

Ticket Notes

Cement Recipe
 IF NOT ALL THE CEMENT IS NOT USED No additional restocking fee.

CONTRACT CONDITIONS: (This agreement must be signed before work is commenced).

The undersigned, as authorized agent of the customer, agrees and acknowledges that the services, materials, products and supplies provided for this order shall be subject to the terms and conditions attached including indemnity and waiver of warranty provisions. No additional terms and conditions shall apply to this order.

Signed: Well Owner, Operator, or Agent

Terms-Net
 Payable on Receipt
 Over 30Days, Discount Voids

Signature:
 Emmens Yates

Emissions Regulation:

PO#:

Cementing Service Report

Treatment Number 5103	11/16/2015
STAGE	API. NO: 30-005-64290

WELL NAME AND NO. Lizard 20 State #1	LOCATION(LEAGAL): sec20-t95-r27E	RIG NAME:
FIELD/POOL	FORMATION	PO#
COUNTY/PARISH: Chaves	STATE: NM	AFE. NO
Company Name: Jalapeno		MUD TYPE
Job Type: Surface		MUD DENSITY
ADDRESS		MUD VISC
ZIP CODE		NOTE: Include Footage From Ground Level To Head In Disp. Capacity
SPECIAL INSTRUCTIONS		
IS CASING/TUBING SECURED? YES		
Diff PRESSURE: 233 PSI		
PRESSURE LIMIT: 1500 PSI		
BUMP PLUG TO: 500#'s Over		

WELL DATA:	BOTTOM	TOP
BIT SIZE 12.25	CSG/Liner Size 8 5/8	
TD 678	WEIGHT 24#	
	FOOTAGE 681	
	GRADE J-55	
MUD TYPE	THREAD 8RND	
MUD DENSITY	Shoe Joint	TOTAL
MUD VISC	Disp. Capacity 43	

TUBG		D.P.		SQUEEZE JOB	
SIZE	TOOL	TYPE	DEPTH		
WEIGHT					
GRADE	TAIL PIPE: SIZE		DEPTH		
THREAD	TUBING VOLUME		Bbls		
NEW USED	CASING VOL. BELOW TOOL		Bbls		
DEPTH	TOTAL		Bbls		
	ANNUAL VOLUME		Bbls		

TIME 0001 TO 2400	PRESSURE		VOLUME PUMPED		JOB SCHEDULED FOR 1200 DATE: 11-16-2015			ARRIVED ON LOCATION TIME: 1100 DATE: 11-16-2015		LEFT LOCATION TIME: 1700 DATE: 11-16-2015	
	TBG OR D.P.	CASING	SACKS	BBLS	RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL			
11:05								Hazard Assessment of location and test H2O-Good			
12:10	XXX							Spot trucks and rig up			
1:00	XXX							Finished Par-Five rig up			
13:30	XXX							Pre-job Safety meeting			
13:44	XXX	2400		0.5	0.5	H2O	8.34	Line test			
13:48	XXX	30		20	4	GEL	8.34	Spacer ahead			
13:54	XXX	80	1045	247	4	Cement	14.8	Lead Slurry			
15:00	XXX							Shut Down, Drop Plug			
15:02	XXX	250		44	3	H2O	8.34	Displacement!!			
15:15	XXX	900						Plug down—Float held—Circulated 40 Bbl. or 169 sacks of cement to surface			
XXX											
XXX											
XXX											
XXX											

REMARKS: 1st tier Lead weighed 14.8, Computer Read 11.0: 2nd tier Lead weighed 14.8, Computer Read 14.8: 3rd tier Lead Slurry Weighed 14.8, Computer Read 14.8

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS			SLURRY MIXED		
			Lead Slurry: "C"+1%PF1			Mix H2O	BBLS	DENSITY
1	1045	1.33				6.302	247	14.8
2								

BREAKDOWN FLUID TYPE		VOLUME		DENSITY	PRESSURE	MAX.	0	MIN.	
HESITATION SQ.		RUNNING SQ.		CIRCULATION LOST	NO				
BREAKDOWN		PSI	FINAL	PSI	DISPLACEMENT VOL.	44 Bbls.			
Washed Thru Perfs	Yes	No	TO	FT.	MEASURED DISPLACEMENT	WIRELINE			
PERFORATIONS					CUSTOMER REPRESENTATIVE		Service Supervisor		
TO					TO		Mr Emmens Yates		
TO					TO		Stephen Moffett		



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 Artesia, NM
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ART15-6068-01

NOV 14 2015

Customer: Jalapeno	MD: 710	Report Date: November 14 2015
Well Name: Lizard 20 State #1	TVD: 710	Stage: Lead
County: Eddy State: NM	BHST: 86	String: Surface
Rig:	BHCT: 81	Blend Type: Field Blend
Salesman: Chris DeLeon		Reported By: Elliot, Isaac

Slurry Information

Density: 14.80 ppg Yield: 1.33 cuft/sk Mix Fluid: 6.302 gal/sk

Slurry Composition

Cement Blend: Class C

Additive	Conc	Design	Description	Lot Number
PF-001	1.00% %	BWOB	Calcium Chloride	364AD1732

Rheology (Average Readings)

Temp	3	6	100	200	300	PV	YP
81 °F	15.5	22.5	37	45.5	53	24	29

Thickening Time

Temp	POD	30 Bc	50 Bc	70 Bc	100 Bc	Batch Time
81 °F	1:20	2:27	3:05	3:35		0

Thickening Time does not include batch time.

Free Fluid

Temp	Incl.	ml Collected	Start Time	Stop Time
81 °F	0	0 ml/250	9:36	9:56

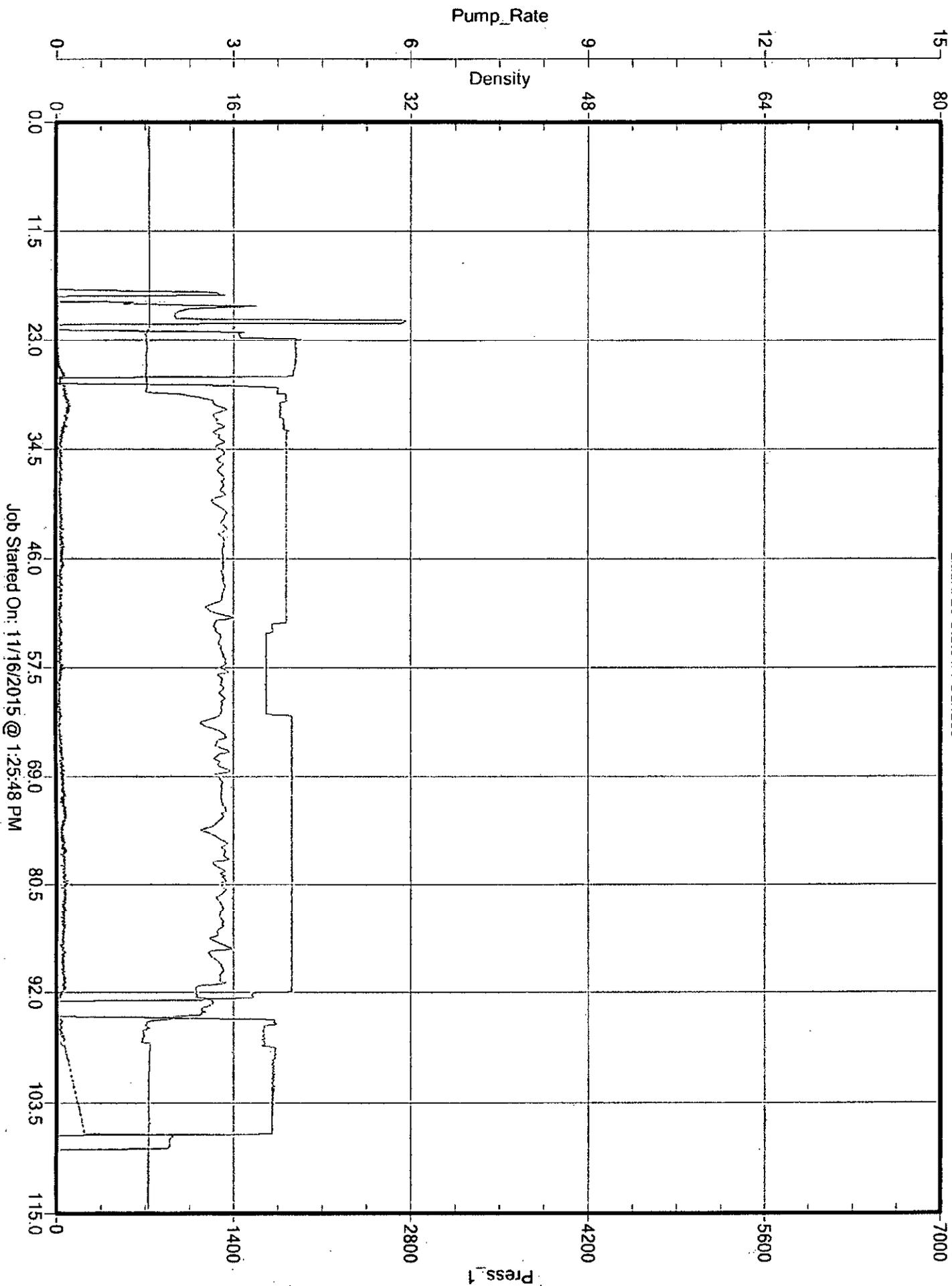
UCA Compressive Strength

Temp	50 psi	500 psi	12 hr	24 hr	48 hr	72 hr
86	2:21	5:54	1130	1698		

Comments

The above data is for informational purposes, and Par Five Energy Services LLC, makes no guarantees or warranties, either expressed or implied, with respect to the accuracy or use of these data and interpretations.

Jalapeno
Lizard 20 State #1 Surface



Job Started On: 11/16/2015 @ 1:25:48 PM