

Job Data Sheet



COMPANY Tapstone Energy		PROJECT NUMBER SOK 5232	AFE/WORK ORDER 0	DATE 7/27/2015
CONTRACTOR Nomac #7		Owner Same	LEGAL DESCRIPTION 23/34S/9W	API 15-077-22151-01-00
LEASE & WELL # Hazel 23-34-9 2H		COUNTY Harper	STATE Kansas	MILEAGE 100

DIRECTIONS
BYRON OK - TAKE HWY 58 NORTH TO STATE LINE - NORTH 4 MILES - 2 MILES EAST - 1 MILE NORTH - WEST INTO

Pumping Services	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Long String <input type="checkbox"/> Plug Back <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input type="checkbox"/> Other () H2S									
	Casing Size	Casing Weight	Thread	Tbng/DP Size	Thread	Plug. Cont.	Swage	Top Plug	Bottom Plug	% Excess
	7"	26#	LTC			YES	YES	YES	NO	40%
	Number and Type Units Pump Truck & Bulk Materials							Casing Depth	Hole Depth	Hole Size
								5,102	5,102	8 3/4"
Remarks					Est. BHST	KOP	Depth-TVD	Mud Weight/Type		
					155			9.2ppg WBM		

Materials	LEAD	# of Sacks	Type	Additives									
	35.66	140	50/50 Poz Premium	4% Gel - 0.4% FL-17									
	H2O TO MIX	Weight PPG	Yield Ft3/Sk								Water Gal/Sk		
	22.97	13.60	1.43	6.89									
	TAIL	# of Sacks	Type	Additives									
	18.91	90	Premium H	0.4% FL-17									
	H2O TO MIX	Weight PPG	Yield Ft3/Sk								Water Gal/Sk		
	11.38	15.60	1.18	5.31									
		# of Sacks	Type	Additives									
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk	*****TAKE 7" TOP & BOTTOM PLUG*****								
	ACID	Type	Additives										
	Inhibitor	Surfactant	clay cont.										
Spacer or Flush	Quantity	Type	Additives										
	20 bbls	Mudwash	200#s SAPP - 5 gallons Plexaid 803										
Displace	Quantity	Type	Additives										
Other	Quantity	Type	Additives										

Crew Called	Cementer	Pumper	Bulky	Bulky	Bulky
	John Hall	Roy Morris	Flo Helkena		

CEOL
7" 8RD SWAGE, SW, DW, BALE RACK

Sales Items	Casing Size	7"	Casing Weight	26#	Thread	LTC			
	Guide Shoe		Float Shoe		Float Collar	Insert Float Valve			
	Centralizers - Number		Size		Type				
	Wall Cleaners - Number		Type		MSC (DV Tool)	MSC Plug Set			
	Limit Clamps		Thread lock		Other				
	Remarks								

Customer Rep. 0	Cell Phone 0	Office Phone	Fax	Time of Call	
Call Taken By Jared Sisco				Date Ready 7/27/15	Location Time
Crew Called John Hall				Yard Time 730am	

JOB SUMMARY			PROJECT NUMBER SOK 5232	TICKET DATE 07/27/15
COUNTY Harper	State Kansas	COMPANY Tapstone Energy	CUSTOMER REP 0	
LEASE NAME Hazel 23-34-9	Well No. 2H	JOB TYPE Intermediate	EMPLOYEE NAME John Hall	

EMP NAME	John Hall	0					
	Roy Morris						
	Flo Heikena						
	0.00						

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **155** Pressure _____
 Retainer Depth _____ Total Depth **5102**

Date	Called Out 7/27/2015	On Location 7/27/2015	Job Started 7/27/2015	Job Completed 7/27/2015
Time	730am	1000am	1201pm	230pm

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	26#	7"		Surface		5,000
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		8 3/4"		Surface	5,102	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh Water BBL.	20	8.33
Spacer type	Caustic BBL.	10	8.40
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		In
NE Agent	Gal.		In
Fluid Loss	Gal/Lb		In
Gelling Agent	Gal/Lb		In
Fric. Red.	Gal/Lb		In
MISC.	Gal/Lb		In
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/27	4.5	7/27	2.5	Intermediate
Total	4.5	Total	2.5	

Pressures			
MAX	5,000 PSI	AVG.	300 psi
MAX	8 BPM	Average Rates in BPM	
		AVG	5 bpm
Cement Left in Pipe			
Feet	86	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	140	50/50 Poz Premium	4% Gel - 0.4% FL-17	6.89	1.43	13.60
2	90	Premium H	0.4% FL-17	5.31	1.18	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	10	Type: MAXIMUM	Preflush: BBI	30.00	Type: Mudwash
		5,000 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
		NO/FULL	Excess /Return BBI	N/A	Calc. Disp Bbl 201
		3,449	Cal TO/C	4,778	Actual Disp. 201.40
Average		Bump Plug PSI: 1,150	Final Circ. PSI:	550	Disp:Bbl 201.40
ISIP 5 Min.		10 Min	Cement Slurry BBI	54.5	
		15 Min	Total Volume BBI	285.90	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

SERVICE COMPANY: O-Tex Pumping
 TICKET NO: 0
 CUSTOMER NAME: Tapstone Energy
 WELL NAME: Hazel 23349 2H
 WELL LOCATION: Harper CO. OK

DATE RECORDED: 07/27/2015
 JOB NO: SOK 5232
 UNIT DESCRIPTION: Nomac #7
 UNIT NOTES: 7" Intermediate
 FILE NAME: Tapstone Energy_Hazel 23349 2H_15_07_27_#1.csv

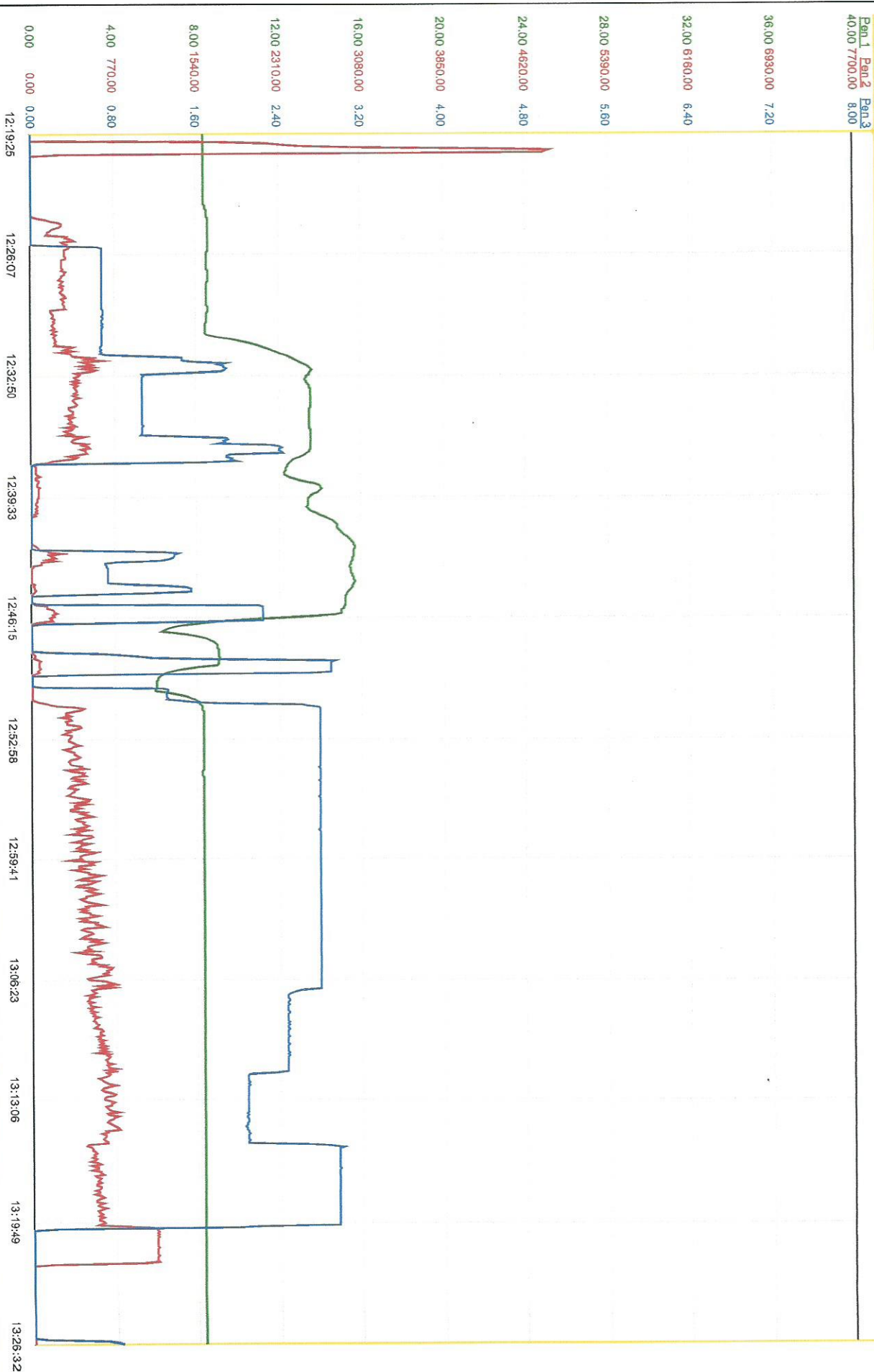


Pen 1: Density 1 (Density: lb/gal)
 12:19:25 PC Data Recording Started

Pen 2: Pressure 2 (Density: lb/gal)

Pen 3: Flowrate 2 (Pressure: psi)

13:26:32 PC Data Recording Stopped



O-TEX PUMPING LLC

Service Location Fairview, Oklahoma
 Service Address 601 Industrial Blvd 73737

FIELD RECEIPT
 Phone number 580-227-2727

Project Number: SOK 5232

Service Date: 7/27/2015
 Customer Tapstone Energy
 Address:
 City
 St
 Customer Rep 0
 Phone 0

Well Name: Hazel 23-34-9
 Well Number: 2H
 County: Harper
 State: Kansas
 API # 15-077-22151-01-00
 AFE # 0
 PERMIT #
 Contract Number SSC-2015-0003

JOB TYPE Job Type
 CASING SIZE Intermediate
 Serv. Sup. John Hall
 Page 1 of 1
 Pump 1 # A245504-Serva
 Pump 2 # 0

REF #	DESCRIPTION	U OF MEAS.	UNIT PRICE	QUAN	GROSS	%DISC	disc	NET
ML001	Pickup Mileage	per mile/ per Unit	4.26	100.0	\$426.00	75%	\$319.50	\$106.50
ML002	Pump Truck/Heavy Vehicle Mileage	per mile/ per Unit	7.32	100.0	\$732.00	75%	\$549.00	\$183.00
ML003	Bulk Cement Delivery/Return	per Ton-Mile	2.95	520.0	\$1,534.00	75%	\$1,150.50	\$383.50
MX001	Bulk Material Mixing Service Charge	per cuft	3.27	239.0	\$781.53	75%	\$586.15	\$195.38
CC006	Pump Charge 5001-6000'	(per 4 hrs)	4,671.81	1.0	\$4,671.81	75%	\$3,503.86	\$1,167.95
ML014	Fuel Surcharge *	per unit perjob	653.40	1.0	\$653.40	100%	\$653.40	\$0.00
AE014	Environmental Fee*	per job	228.69	1.0	\$228.69	100%	\$228.69	\$0.00
PC003	Employee/Supervisor Retention/perdiem	per job	1,306.80	4.0	\$5,227.20	75%	\$3,920.40	\$1,306.80
JM001	Data Acquisition System	Per Job	1,437.48	1.0	\$1,437.48	75%	\$1,078.11	\$359.37
AE003	Circulation Equipment(40' of equipment)	per job	1,633.50	1.0	\$1,633.50	75%	\$1,225.13	\$408.38
AE002	Cement Head with manifold	per job	1,176.12	1.0	\$1,176.12	75%	\$882.09	\$294.03
CL011	7" Top Rubber Plug	Each	203.28	1.0	\$203.28	35%	\$71.15	\$132.13
CL012	7" Bottom Rubber Plug	Each	440.44	1.0	\$440.44	35%	\$154.15	\$286.29
CSB002	50/50 Poz with Premium (Includes 2% Gel)	per sk	22.28	140.0	\$3,119.20	72%	\$2,245.82	\$873.38
CP002	H (Premium Cement) (94 lbs/ft3)	per sk	30.80	90.0	\$2,772.00	72%	\$1,995.84	\$776.16
CP005	GEL	per lb	0.68	235.0	\$159.80	72%	\$115.06	\$44.74
CPC29	FL-17 Fluid Loss Additive 80-140F	per lb	40.00	81.0	\$3,240.00	72%	\$2,332.80	\$907.20
PS008	Mud Wash	per gal	2.04	840.0	\$1,713.60	72%	\$1,233.79	\$479.81
CC015	Pump Charge Additional Hours	per hour/per unit	588.06		\$0.00	75%	\$0.00	\$0.00
AE012	Bulk Unit Additional Hours	Per unit/per hour	130.68		\$0.00	75%	\$0.00	\$0.00
					\$30,150.05		\$22,245.43	\$7,904.62

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.
 Customer Authorized Agent: _____