

The Road to Excellence Starts with Safety

Sold To #: 372073	Ship To #: 3287243	Quote #: 0021987178	Sales Order #: 0902083670
Customer: TAPSTONE ENERGY LLC	Customer Rep:		
Well Name: KOBELITZ 3409	Well #: 28-2H	API/UWI #: 15-077-22125-01	
Field: WILDCAT	City (SAP): ANTHONY	County/Parish: HARPER	State: KANSAS
Legal Description: E2 NE NW NE-28-34S-9W-330FNL-1505FEL			
Contractor: NOMAC	Rig/Platform Name/Num: NOMAC 07		
Job BOM: 7522			
Well Type: HORIZONTAL OIL	Srvc Supervisor: John Marinis		
Sales Person: HALAMERICA\HX25353	Job		

Formation Name	Top	Bottom	
Formation Depth (MD)		BHST	
Form Type		Job Depth TVD	
Job depth MD	5138ft		
Water Depth		Mk Ht Above Floor	
Perforation Depth (MD)	From	To	

Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing	3	9.625	8.921	36	LTC	J-55	0	800	0	4740
Casing	3	7	6.276	26	LTC	P-110	0	5138	0	4685
Open Hole Section			8.75				800	5161	800	4685

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	7	1		5138	Top Plug	7	1	HES
Float Shoe	7				Bottom Plug	7	1	HES
Float Collar	7	1			SSR plug set	7		HES
Insert Float	7				Plug Container	7		HES
Stage Tool	7				Centralizers	7		HES

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	QTY	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	QTY

Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi	Total Mix Fluid Gal
1	Mud Flush III (Liquid)	Mud Flush III	10	bbl	8.33				
FRESH WATER									
			41 gal/bbl						

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi	Total Mix Fluid Gal
2	Lead Cement	ECONOCEM (TM) SYSTEM	140	sack	13.6	1.506		4	7.3
	0.40 %		HALAD(R)-9, 50 LB (100001617)						
	47 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	41.50 lbm	POZMIX A FLYASH (1000003690)							
	7.30 Gal	FRESH WATER							
	4 %	HALLIBURTON GEL, 50 LB SK (100064040)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi	Total Mix Fluid Gal
3	Tail Cement	HALCEM (TM) SYSTEM	90	sack	15.6	1.191		4	5.36
	5.36 Gal	FRESH WATER							
	0.40 %	HALAD(R)-9, 50 LB (100001617)							
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (1000003687)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi	Total Mix Fluid Gal
4	Displacement	Displacement	193	bbl	8.33				
Cement Left In Pipe			Amount	Reason		Shoe Joint			
			86 ft						
Comment									

Summary Report



Sales Order #: 0902083670
WO #: 0902083670
PO/AFE #: NA

Crew: _____
Job Start Date: 1/30/2015

Customer: TAPSTONE ENERGY LLC

Field: WILDCAT

Job Type:

CMT INTERMEDIATE

UWI / APL Number: 15-077-22125-01

County/Parish: HARPER

Service Supervisor: John Marinis

CASING BOM

Well Name: KOBLITZ 3409

State: KANSAS

Well No: 28-2H

Latitude: 37.064351

Longitude: -98.297773

Sect / Twn / Rng: 28/34/9

Cust Rep Name:
Cust Rep Phone #:

Remarks:

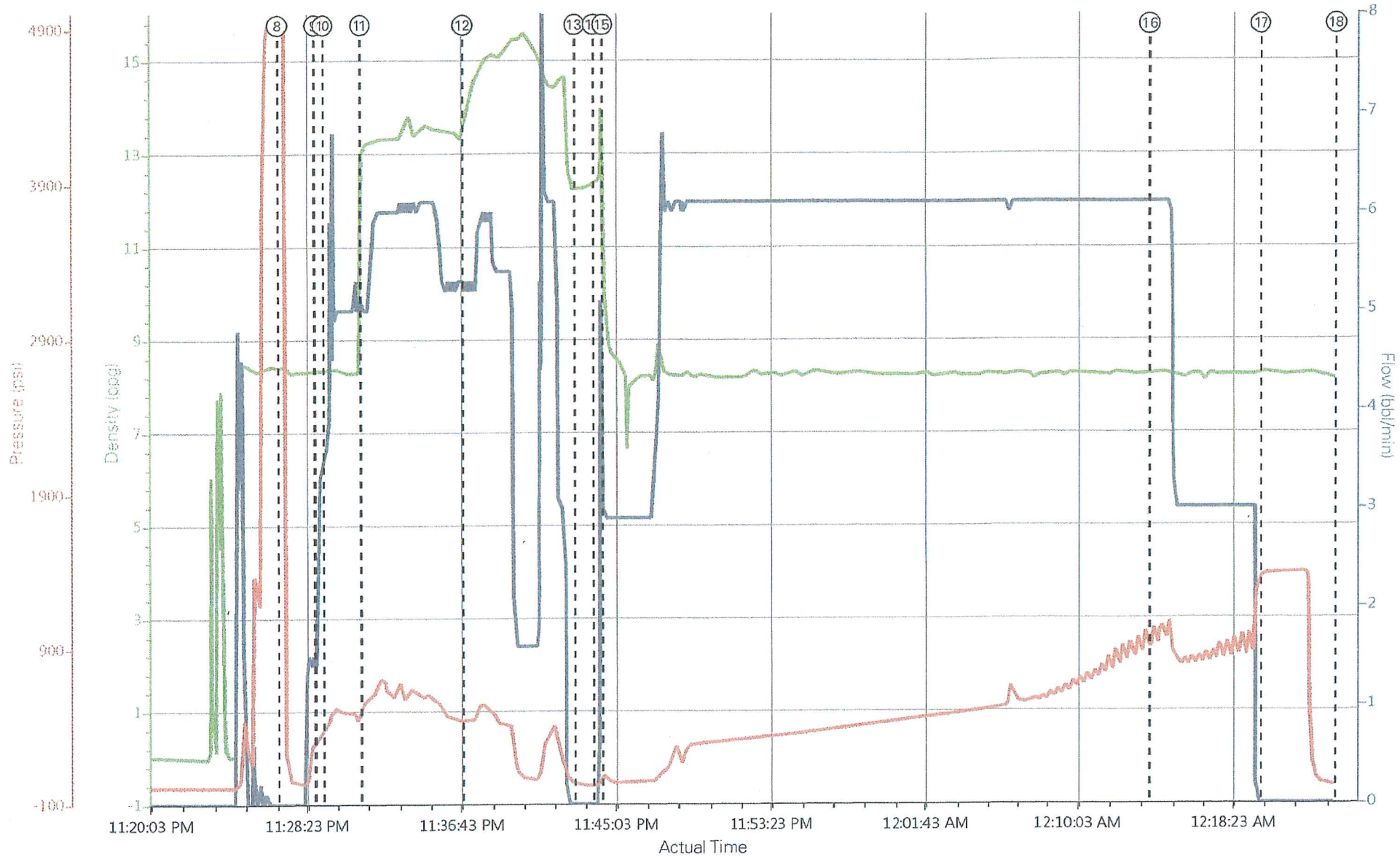
Remarks:		Date
The Information Stated Herein Is Correct		
Customer Representative Signature	Customer Representative Printed Name	

1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	Comb Pump Rate (bbl/min)	PS Pump Press (psi)	Comments
Event	1	Call Out	Call Out	1/30/2015	13:30:00	USER				requested on location at 19:00
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	1/30/2015	16:15:00	USER				stay on route and in convoy, use smith driving skills
Event	3	Arrive At Loc	Arrive At Loc	1/30/2015	18:00:00	USER				running casing, wait for racks to be moved out of way
Event	4	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	1/30/2015	20:20:00	USER				watch hand and feet placement, use proper lifting
Event	5	Rig-Up Equipment	Rig-Up Equipment	1/30/2015	20:25:00	USER				
Event	6	Rig-Up Completed	Rig-Up Completed	1/30/2015	21:00:00	USER				rigged up ground, wait on casing
Event	7	Safety Meeting - Pre Job	Safety Meeting - Pre Job	1/30/2015	23:10:00	USER				stay clear of red zone, don't hammer on pressurized iron, use tag lines on overhead loads
Event	8	Test Lines	Test Lines	1/30/2015	23:27:00	COM7	8.34	0.00	5000.00	test lines 500 psi low and 5000 psi high
Event	9	Drop Bottom Plug	Drop Bottom Plug	1/30/2015	23:29:00	USER	8.34	2.90	323.00	drop bottom plug
Event	10	Pump Spacer 1	Pump Spacer 1	1/30/2015	23:29:30	COM7	8.40	3.80	410.00	pump 10 bbls mud flush ahead...good returns
Event	11	Pump Lead Cement	Pump Lead Cement	1/30/2015	23:31:30	COM7	13.60	5.00	552.00	pump 37.4 bbls (140 sks) lead at 13.6# TOL 3157'...good returns
Event	12	Pump Tail Cement	Pump Tail Cement	1/30/2015	23:37:00	COM7	15.60	5.30	434.00	pump 19 bbls (90 sks) tail at 15.6# TOT

										4553'...good returns
Event	13	Shutdown	Shutdown	1/30/2015	23:43:00	USER				
Event	14	Drop Top Plug	Drop Top Plug	1/30/2015	23:44:00	COM7				drop top plug
Event	15	Pump Displacement	Pump Displacement	1/30/2015	23:44:30	COM7	8.34	6.00	210.00	pump 193 bbls water displacement...good returns
Event	16	Slow Rate	Slow Rate	1/31/2015	00:14:00	USER	8.34	3.00	849.00	slow rate to 3 bbls min last 20 bbls...good returns
Event	17	Bump Plug	Bump Plug	1/31/2015	00:20:00	COM7	8.34	0.00	1390.00	land plug from 875-1390 psi
Event	18	Check Floats	Check Floats	1/31/2015	00:24:00	USER				floats holding 1 bbl back
Event	19	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	1/31/2015	00:28:00	USER				stay clear of line of fire, use tag line on stand pipe, stay clear of overhead loads
Event	20	Rig-Down Equipment	Rig-Down Equipment	1/31/2015	00:31:00	USER				
Event	21	Rig-Down Completed	Rig-Down Completed	1/31/2015	01:00:00	USER				
Event	22	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	1/31/2015	01:05:00	USER				stay in convoy and on route
Event	23	Depart Location	Depart Location	1/31/2015	01:15:00	USER				

Tapstone Koblitz 3409 28-2H intermediate



DH Density (ppg) Comb Pump Rate (bbl/min) PS Pump Press (psi)

- ① Call Out n/a;n/a;n/a
- ② Pre-Convoy Safety Meeting n/a;n/a;n/a
- ③ Arrive At Loc n/a;n/a;n/a
- ④ Pre-Rig Up Safety Meeting n/a;n/a;n/a
- ⑤ Rig-Up Equipment n/a;n/a;n/a
- ⑥ Rig-Up Completed n/a;n/a;n/a
- ⑦ Safety Meeting - Pre Job -0.04;0;5
- ⑧ Test Lines 8.4;0;4950
- ⑨ Drop Bottom Plug 8.3;2.9;323
- ⑩ Pump Spacer 1 8.31;3.8;410
- ⑪ Pump
- ⑫ Pump

III