

HALLIBURTON

iCem[®] Service

CAERUS OIL AND GAS LLC - EBUS

For: WHITEY

Date: Monday, May 25, 2015

PUCKETT 41B-2

PUCKETT 41B-2

902436596

Job Date: Monday, May 25, 2015

Sincerely,

ERIC CARTER

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The Road to Excellence Starts with Safety

Sold To #: 360446	Ship To #: 3624588	Quote #:	Sales Order #: 0902436596
Customer: CAERUS OIL AND GAS LLC - EBUS		Customer Rep: WHITEY	
Well Name: PUCKETT	Well #: 41B-2	API/UWI #: 05-045-22630-00	
Field: WILDCAT	City (SAP): PARACHUTE	County/Parish: GARFIELD	State: COLORADO
Legal Description: 2-7S-97W-2171FNL-652FEL			
Contractor: H & P DRLG		Rig/Platform Name/Num: H & P 330	
Job BOM: 7521			
Well Type: DIRECTIONAL GAS			
Sales Person: HALAMERICA\HB80977		Srvc Supervisor: Eric Carter	

Job

Formation Name			
Formation Depth (MD)	Top	127 FT.	Bottom 2520 FT.
Form Type	BHST		
Job depth MD	2510 FT.		Job Depth TVD
Water Depth			Wk Ht Above Floor 4 FT.
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	20	19.124	94			0	127	0	0
Casing		9.625	8.921	36		J-55	0	2510		0
Open Hole Section			14.75				127	2520	0	0

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe					Top Plug	9.625	1	HES
Float Shoe					Bottom Plug			
Float Collar					SSR plug set			
Insert Float					Plug Container	9.625	1	HES
Stage Tool					Centralizers			

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 ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water	Fresh Water	10	bbl	8.34			4		

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal

2	Super Flush 101	Super Flush 101	20	bbl	10			4		
21 gal/bbl		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
3	Fresh Water	Fresh Water	10	bbl	8.34			4		
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
4	VariCem GJ5	VARICEM (TM) CEMENT	375	sack	11	3.65	23.08	6		
23.08 Gal		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
5	VariCem GJ5	VARICEM (TM) CEMENT	160	sack	12.8	2.18	12.11	6		
12.11 Gal		FRESH WATER								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
6	Displacement	Displacement	190.7	bbl	8.34			4		
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
7	ReverCem	REVERCEM (TM) CEMENT	200	sack	12.8	2.12	11.15	2		
11.15 Gal		FRESH WATER								
SUPER FLUSH 101 PUMPED DOWN BACKSIDE										
Cement Left In Pipe		Amount	44 ft		Reason			Shoe Joint		
Comment										

Summary Report



Sales Order #: 0902436596
WO #: 0902436596
PO/AFE #: NA

Crew: _____

Job Start Date: 5/25/2015

Customer: CAERUS OIL AND GAS LLC -
EBUS
UWI / API Number: 05-045-22630-00
Well Name: PUCKETT
Well No: 41B-2

Field: WILDCAT
County/Parish: GARFIELD
State: COLORADO
Latitude: 39.475831
Longitude: -108.180311
Sect / Twn / Rng: 2/7/97

Job Type: CMT SURFACE
CASING BOM
Service Supervisor: Eric Carter

Cust Rep Name: WHITEY
Cust Rep Phone#:

Remarks:		
<i>The Information Stated Herein Is Correct</i>	Customer Representative Signature	Date
	Customer Representative Printed Name	

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1.0 Real-Time Job Summary

1.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density <i>(ppg)</i>	PS Pump Press <i>(psi)</i>	Comb Pump Rate <i>(bbl/min)</i>	Pump Stg Tot <i>(bbl)</i>	Comments
Event	1	Call Out	Call Out	5/25/2015	05:00:00	USER					
Event	2	Depart Yard Safety Meeting	Depart Yard Safety Meeting	5/25/2015	08:20:00	USER					ATTENDED BY ALL HES CREW
Event	3	Crew Leave Yard	Crew Leave Yard	5/25/2015	08:30:00	USER					
Event	4	Arrive At Loc	Arrive At Loc	5/25/2015	11:00:00	USER					RIG READY
Event	5	Assessment Of Location Safety Meeting	Assessment Of Location Safety Meeting	5/25/2015	11:05:00	USER					ATTENDED BY ALL HES CREW
Event	6	Other	Other	5/25/2015	11:10:00	USER					SPOT EQUIPMENT
Event	7	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	5/25/2015	11:20:00	USER					ATTENDED BY ALL HES CREW
Event	8	Rig-Up Equipment	Rig-Up Equipment	5/25/2015	11:30:00	USER					HES READY TO PUMP AT 12:00
Event	9	Pre-Job Safety Meeting	Pre-Job Safety Meeting	5/25/2015	12:10:00	USER					ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Event	10	Other	Start Job	5/25/2015	13:03:41	USER					TP 2510', TD 2520', MW 9 PPG, CASING 9.625", 36#, J-55, SJ 43.6', CONDUCTOR CASING 20", 94# SET AT 127', HOLE 14.75", RIG DID NOT HAVE CIRCULATION PRIOR TO JOB
Event	11	Other	Fill Lines	5/25/2015	13:04:29	USER	8.34	20	2	2	FRESH WATER
Event	12	Test Lines	Test Lines	5/25/2015	13:06:16	USER					PRESSURED UP TO 3520 PSI, PRESSURE HELD

Event	13	Pump Spacer	Pump Spacer	5/25/2015	13:09:55	USER	8.34	90	4	10	FRESH WATER
Event	14	Pump Spacer	Pump Spacer	5/25/2015	13:12:52	USER	10	120	4	20	SUPER FLUSH 101
Event	15	Pump Spacer	Pump Spacer	5/25/2015	13:17:49	USER	8.34	85	4	10	FRESH WATER
Event	16	Pump Lead Cement	Pump Lead Cement	5/25/2015	13:25:45	USER	11	210	6	243.8	375 SKS VARICEM MIXED AT 11 PPG, 3.65 YIELD, 23.08 GL/SK
Event	17	Pump Tail Cement	Pump Tail Cement	5/25/2015	14:08:53	USER	12.8	300	6	62.1	160 SKS VARICEM MIXED AT 12.8 PPG, 2.18 YIELD, 12.11 GL/SK
Event	18	Shutdown	Shutdown	5/25/2015	14:19:55	USER					
Event	19	Drop Top Plug	Drop Top Plug	5/25/2015	14:21:26	USER					PLUG LAUNCHED
Event	20	Pump Displacement	Pump Displacement	5/25/2015	14:21:40	USER	8.34	170	4	180.7	FRESH WATER
Event	21	Slow Rate	Slow Rate	5/25/2015	15:08:35	USER	8.34	150	2	10	
Event	22	Bump Plug	Bump Plug	5/25/2015	15:12:37	USER		870			PLUG LANDED
Event	23	Check Floats	Check Floats	5/25/2015	15:14:25	USER					FLOATS HELD, NO CIRCULATION THROUGHOUT JOB, CASING NOT MOVED DURING JOB
Event	24	Other	Other	5/25/2015	15:43:28	USER	8.34	1100	3	12	PUMP SUGAR WATER THROUGH PARASITE
Event	25	Shutdown	Shutdown	5/25/2015	15:49:32	USER					WAIT ON CEMENT, HES TO START TOP OUT AT 19:00
Event	26	Pump Cement	Pump Cement	5/25/2015	19:00:43	USER	12.8	60	2	75.5	200 SKS REVERSECEM MIXED AT 12.8 PPG, 2.12 YIELD, 11.15 GL/SK, 20 BBLS SUPERFLUSH 101 PUMPED DOWN ANNULAS WHILE PUMPING CEMENT
Event	27	Pump Water	Pump Water	5/25/2015	19:43:14	USER	8.34	45	2	2	FRESH WATER
Event	28	Shutdown	Shutdown	5/25/2015	19:43:50	USER					
Event	29	End Job	End Job	5/25/2015	19:44:06	USER					6 BBLS CEMENT TO

							SURFACE
Event	30	Post-Job Safety Meeting (Pre Rig-Down)	Post-Job Safety Meeting (Pre Rig-Down)	5/25/2015	19:50	USER	ATTENDED BY ALL HES CREW
Event	31	Rig-Down Equipment	Rig-Down Equipment	5/25/2015	20:00	USER	
Event	32	Depart Location Safety Meeting	Depart Location Safety Meeting	5/25/2015	20:50	USER	ATTENDED BY ALL HES CREW
Event	33	Crew Leave Location	Crew Leave Location	5/25/2015	21:00	USER	THANK YOU FOR USING HALLIBURTON CEMENT, ERIC CARTER AND CREW.

2.0 Appendix

2.1 3D Wellbore Schematic

