

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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CEMENT REPORT - PAGE 1

Service Order #: 70347

Date: 22-Aug-20

Well Name	Location	County	St	API#
BLACK POWDER 2		WELD	CO	
Formation	Cement Via	Type Of Service	Well Type	Age
	CASING	LONG STRING		NEW
				AFE#
				PO#

Customer: GULF EXPLORATION

Remarks: 65/35, SCAVENGER, 12.5#, 1.94 YIELD  
25 SKS, 8.6 BBLS  
65/35 LEAD, 13.5#, 1.56 YIELD  
177 SKS, 49.2 BBLS  
TAIL, 15.8#, 1.16 YIELD  
105 SKS, 21.7 BBLS  
690 PSI LIFT, .75 BBLS RETURN COLLAR HELD

Customer Rep: J.PETTY

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:				
Production Casing:	5.600	17.0	7,625.0	
Intermediate:				
Drill Pipe:				
Tubing:				

OTHER DATA		
BHT	Max PSI	Total Depth
	1,200	7,625.0

Packer or Retainer Type / Depth:	
FLOAT COLLAR	7,581.0

Type	Size	Depth (Top)	Depth (Bot)	Volume
Unhr:				
Open Hole:	8.750	876.0	7,625.0	

Perf Depths:	#	Total
	0	0
	0	
	0	

TIME	PUMP RATES		DENSITY	PRESS	STG TOT	TOTAL	REMARKS
	WATER (gpm)	PUMP (bpm)	(lb/gal)	(psi)	(bbls)	(bbls)	
11:02	0	0.0	12.43	2,338	0.3	0.3	PSI TEST
11:03	0	0.0	12.41	0	0.0	0.0	MUD FLUSH
11:08	0	4.6	12.58	247	9.9	9.9	H2O SPACER
11:09	0	3.4	12.56	172	4.9	15.1	START SCAVENGER
11:12	103	3.8	12.66	177	8.3	23.6	LEAD CEMENT
11:25	57	1.3	13.20	0	49.5	73.4	END LEAD START TAIL
11:33	0	0.0	23.14	0	30.1	104.0	OFFLINE
11:34	56	0.0	20.39	0	0.0	104.0	DROP PLUG
11:36	0	1.1	6.88	31	0.0	104.0	START TREATED H2O DISPLACEMENT
12:24	0	0.0	6.88	1,030	186.6	290.7	PLUG LANDED
12:25	0	1.4	6.88	1,135	186.6	290.8	LAND TO 1200 PSI
12:31	0	0.0	6.88	0	186.7	290.8	RELEASE PSI .75 BBLS RETURN

Summary

Max Fl. Rate Avg. Fl. Rate Max Psi Avg Psi  
4.6 3.7 2,467 146

Customer Acknowledgement:	Service Rating: <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	Cementer: A.HOWELL	PRODUCTS USED
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