

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

Service Order #: 70,346

Date: 17-Aug-20

Well Name	Location	County	St	API#		
BLACK POWDER 2	SEC 10-7N-63W	WELD	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	CASING	SURFACE		NEW		

Customer: GULF EXPLORATION

Remarks: A-SERVE, 1.6 YIELD, 13.5 LBS/ GAL

283 SKS, 80.6 BBLS

PLUG DOWN @ 9:42AM
BLEED OFF@ 9:47 AM .5 BBLS RETURN FLOAT HELD
27 BBLS CEMENT TO TANK

Customer Rep:

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	9.625	36.0	876.0	
Production Casing:				
Intermediate:				
Drill Pipe:				
Tubing:				

OTHER DATA		
BHT	Max PSI	Total Depth
	830	876.0

Packer or RetainerType / Depth:

FLOAT SHOE	835.0
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Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:	12.250	70.0	876.0	

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)	
8:44	0	0.0	8.00	1,630	145.5	227.6	PSI TEST
8:45	0	0.0	8.00	11	145.5	227.6	MUD FLUSH
8:49	52	3.1	13.37	50	10.1	10.1	H2O SPACER
8:51	0	1.8	13.65	35	5.0	15.3	START CEMENT
9:10	0	1.3	13.13	24	86.2	101.6	OFFLINE LAUNCH PLUG
9:16	0	0.9	8.72	35	0.0	102.4	START DISPLACEMENT
9:43	15	0.0	8.31	774	67.6	170.1	PLUG LANDED OFFLINE
9:47	0	0.0	8.00	0	67.7	170.2	BLEED OFF FLOAT HELD . 5 BBL RETURN
9:50	0	0.0	8.34	0	67.7	170.2	Paused 09:50:15

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
3.1	3.8	1,848	152

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

A.HOWELL

PRODUCTS USED

Date	Reference	Jrnl	Description	Invoice#	Amount	Quantity
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