



Service Order #: 18892

Date: 25-Jun-15

Well Name	Location	County	St	API#		
INDIAN COVE 34-16		LAS ANIMAS	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: PIONEER RESOURES

Remarks: TYPE I/II 15.8# 1.15 YIELD
12 SKS, 2.5 BBLs @ 1310-1210'
14 SKS 2.8 BBLs @ 948-846'
6 SKS FROM 60'-0'
15 SKS 3 BBLs ANNULAR PRODUCTION TOPOFF

Customer Rep: JOE

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0		
Production Casing:	5.500	17.0	1,310.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.875	6.5	1,310.0	
Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:				

OTHER DATA		
BHT	Max PSI	Total Depth
		1,310.0

Packer or RetainerType / Depth:

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)	
12:39	0	0.0	6.88	0	0.8	3.0	H2O WATER SPACER
12:47	26	0.1	12.21	0	23.4	26.5	HOLE LOADED
12:48	42	0.0	14.04	0	23.4	26.5	H2O WATER SPACER
12:49	0	0.3	15.86	0	0.0	28.5	START CMT
12:51	0	2.5	15.73	6	2.5	32.5	END OF CMT/ START DISPLACEMENT
12:54	0	1.2	15.76	0	6.5	39.1	OFFLINE
13:09	0	0.0	15.68	6	0.0	39.1	H2O SPACER
13:10	0	2.5	15.68	104	1.4	40.5	START CMT
13:11	0	2.5	15.70	23	2.9	43.4	END OF CMT/ START DISPLACEMENT
13:13	0	0.0	10.69	0	4.4	47.9	ANNOTATION

Summary

Max FI. Rate	Avg FI. Rate	Max Psi	Avg Psi
2.5	1.8	217	37

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

A HOWELL

PRODUCTS USED



Service Order #: 18892

Date: 25-Jun-15

Well Name	Location	County	St	API#		
INDIAN COVE 34-16		LAS ANIMAS	CO			
Formation	Cement Via	Type Of Service	Well Type	Age	AFE#	PO#
	TUBING	PLUG		REWORK		

Customer: PIONEER RESOURES

Remarks: TYPE I/II 15.8# 1.15 YIELD
12 SKS, 2.5 BBLs @ 1310-1210'
14 SKS 2.8 BBLs @ 948-846'
6 SKS FROM 60'-0'
15 SKS 3 BBLs ANNULAR PRODUCTION TOPOFF

Customer Rep: JOE

PH:

WELLBORE DATA				
Type	Size	Weight	Depth	Volume
Surface Casing:	8.625	24.0		
Production Casing:	5.500	17.0	1,310.0	
Intermediate:				
Drill Pipe:				
Tubing:	2.875	6.5	1,310.0	

Type	Size	Depth (Top)	Depth (Bot)	Volume
Liner:				
Open Hole:				

OTHER DATA		
BHT	Max PSI	Total Depth
		1,310.0

Packer or RetainerType / Depth:

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)	
8:12	34	0.0	15.23	0	0.2	79.6	H2O SPACER
8:13	0	2.5	15.85	18	3.3	82.8	START CMT
8:16	0	0.3	16.05	0	7.2	89.9	CMT TO PIT OFFLINE
8:29	0	0.0	8.68	0	39.0	121.7	Paused 08:29:26-10:51:43
10:58	0	0.0	15.60	0	0.0	0.0	LOAD ANNULUS/ PRODUCTION

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
2.5	3.5	106	9

Customer Acknowledgement:

Service Rating:

- ☐ Satisfactory
☐ Unsatisfactory

Cementer:

A HOWELL

PRODUCTS USED