



Well History

Well Name: Groves 41-2

API 05123109460000	Surface Legal Location NENE 2 6N 66W	Field Name Eaton	State CO	Well Configuration Type Vertical
Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	Spud Date	Rig Release Date
				On Production Date 1/7/1983

Daily Operations

Start Date	Summary	End Date
1/24/2013	ITP-10, ITP-50, ISCP-0. MIRU Basic rig 1548. RU pump lines to WH. Open up well to RT and blew down. When removing master valve the tubing parted at the bottom of the threads. Had to use 2 3/8" over shot from RMOR to unland tubing. ND WH and NU BOP. LD bad jt. RU circ. equip.. Broke circ. and rolled hole to verify that no tools were left in tubing. RD circ. equip. PU 5 tag jts.. Tagged fill @ 7,388.29' w/5' in on jt. #230. LD tag jts.. POOH tallying to the derrick 226 jts.-7,277.87'. Tubing was landed @ 7,287.47' w/226 jts., NC/SN-1.6', and 8' adj. KB. PU 3 7/8" blade bit, 4 1/2" casing scraper, and cross over from RMOR. MIRU Pick Tester. TIH testing to 6,000 psi. 226 jts. from the derrick. Found 4 bad jts.. Bad jts. were laid down. RD tester. POOH to the derrick 222 jts. and LD tools. Drain lines, shut in and secured the well for the night.	1/24/2013
1/25/2013	No press. @ WH. PU WLTC 4 1/2" RBP. TIH w/224 jts. setting RBP @ 7,227.32' w/224 jts., tools and KB. LD 1 jt. and RU circ. equip. Broke circ. and rolled hole clean. Well started communicating w/surface. RD circ. equip.. POOH to the derrick 222 jts. and LD 1 jt. w/retrieving head. MIRU Nabors completion services. RIH w/collar locator, and CBL tool. Run CBL from 7,200' to surface. Found cement top to be @ 6,550'. RD wireline. PU 32A tension packer for 4 1/2" 11.6# casing. TIH from the derrick and started hunting holes @ 3,291'. Found holes from 4,505' to 5,164'. POOH to the derrick and LD packer. Drain lines, shut in and secured the well for the weekend.	1/25/2013
1/28/2013	No press. @ WH. PU jt. w/retrieving head. TIH from the derrick w/224 jts. Tagging sand @ 7,218'. RU circ. equip. and wash down latching onto RBP @ 7,227.32' w/224 jts., tools and KB. RD circ. equip.. Released RBP and POOH to the float provided by Potdurger Dairy. Tubing was visibly in bad shape. Tubing to be sold to dairy. LD tools. MIRU Nabors completion services. RIH w/Wyoming Completions 4 1/2" CIBP, and collar locator getting on correct depth. Set CIBP @ 7,250'. POOH and LD tools. PU dump bailer filled w/2 sacks of cement. RIH and dumped cement on top of CIBP. POOH and RD wireline. ND BOP and WH. NU swedge and master valve to casing. RDMOL.	1/28/2013
11/6/2013	SCP 0 psi, SSCP 0 psi, MIRU Bayou #008, opened well to rig tank, ND WH, NU BOP's, PU mule shoe, PU TIH w/ 2 3/8" J-55 4.7# cement work string delivered out by ATP, in hol to 6,795.24' w/211 jts, RU circulation equipment, broke circulation, rolled hole clean, LD circulation equipment, TOOHD LD 11 jts onto trailer, stood back 200 jts (6440') for cement job, SI and isolated well, drained lines, prepared for next day operations. SDFN.	11/6/2013
11/7/2013	SCP 0 psi, RU Superior Wireline, ran GR/CCL/CBL/VDL log from 6800' to 0', original cmt top to 6545' w/ signs of stringers up to 6450'. LD logging tool, MI Multi-Shot Surveyors, PU gyro tools, TIH w/ gyro, gyro'd well bore from surface to 6800, LD gyro tool, RDMO Multi-Shot, ND BOP's, ND WH, PU landing sub, unland casing, PU to 90K, removed slips, stacked casing out, NU BOP's, PU worked casing for 0-100K getting 68' of stretch, estimated free pipe to 5,797.68', pulled casing to 85k, set in rig slips, RU Wireline, TIH w/jet cutter set up for 4 1/2" casing, correlated logs, got on depth, cut casing at 6,400' TOOHD w/ tools, RD wireline, PU on casing, casing was free, pulled to next connection, LD sub, RU lay down equipment, TOOHD laying down w/74 jts 4.1/2" 11.6# production casing onto trailer provided by Todd Elston from PDC Denver office, leaving 77 jts of casing in hole, installed stabbing valve, shut in and isolated well, drained lines, prepared for next day operations. SDFN	11/7/2013
11/8/2013	0 psi @ Wh, RD lay down equipment, removed casing trailer, spotted in second casing trailer, RU lay down equipment, TOOHD laying down w/78 jts 4.1/2" 11.6# production casing onto trailer provided by Todd Eston in PDC Denver office, laid down a total of 152 jts plus 10' cut piece, changed equipment over to run 2 3/8" J-55 4.7# cement WS, picked up 2 3/8" mule shoe, TIH w/ mule shoe and 2 3/8" cement work string, TIH in hole w/ 110 jts of tubing EOT @ 3,542.54, RU circulating equipment, broke circulation, rolled hole for 3 hours, installed TIW valve provided by STS, shut in and isolated well, drained lines, prepared for next day operations. SDFWE.	11/8/2013
11/11/2013	0 psi @ Wh, PU TIH w/ 2 3/8" cement work string, tagged casing stub at 6,400' w/ 199 jts of tubing, TIH w/ 1 more jt 2 3/8" tubing putting EOT @ 6,420.65 w/ 200 jts (20.65' inside of 4 1/2" production casing stub). RU circulating equipment, establish circulation, rolled for 5 1/2 hours bringing bottoms up 2 times, circulated all gas out of well bore, TOOHD standing back w/ 30 jts, leaving EOT @ 5,450.37' w/ 170 jts, installed TIW valve provided by STS, shut in and isolated well, drained lines, prepared for next day operations. SDFN.	11/11/2013
11/12/2013	0 psi @ WH, PU TIH w/ 30 jts 2 3/8" 4.7# J-55 tubing, putting EOT at 6,420.65' w/ 200 jts, RU circulating equipment, broke circulation, rolled hole for 2 hours bringing back light mud no oil, RD circulating equipment, MI&RU Baker Hughes Cement Services to 2 3/8" 4.7# J-55 tubing, hold JSA and procedure meeting. Pressure test lines to 3,500 psi Preflush: Pumped 10 bbl fresh water to establish circulation 1st stage:EOT set @ 6,420.65' w/200 jts,mix, batch, and pump 50 sk G&E 15.8 ppg1.15 yield (10.24 bbls) Displace 24.4 Bbls balancing the plug, Est. TOC @ 6,315.24', lay down 20 jts, RU rig circulation equipment, broke circulation, EOT @ 5778.58 w/ 180 jts, circulated tubing volume, TOOHD LD w/ 55 jts. 2nd stage:EOT set @ 3,997.16' w/125 jts,mix, batch, and pump 160 sks Econocem 13.5 ppg 1.71 yield (48.27 bbls) Displace 13 bbls balancing the plug, Est. TOC @ 3,495.55', lay down 20 jts, RU rig circulation equipment, broke circulation, pumped tubing volume to flush tubing, TOOHD LD w/ 76 jts. 3rd stage:EOT set @ 893.44' w/29 jts, mix, batch and pump 550 sks of G&E 15.8 ppg 1.15 yield (112.64 bbls), returned 0 bbls cement to tank, 2 bbls of 7 bbls dyed fresh water pill returned to tank, Displace 1.0 Bbls, RD and release Baker Hughes, TOOHD laying down remaining 29 jts 2 3/8" 4.7# J-55, SI and isolated well, drained lines, prepared for next day operations, SDFN.	11/12/2013



Well History

Well Name: Groves 41-2

API 05123109460000	Surface Legal Location NENE 2 6N 66W	Field Name Eaton	State CO	Well Configuration Type Vertical	
Ground Elevation (ft)	Original KB Elevation (ft)	KB-Ground Distance (ft)	Spud Date	Rig Release Date	On Production Date 1/7/1983

Daily Operations

Start Date	Summary	End Date
11/13/2013	SCP 0 psi, TIH PU from trailer tagging cement w/ 10 jts EOT @ 315.14', RU rig pump, pumped establishing circulation, circulated for 4 hours waiting for Baker Hughes Cement crew to arrive. MI&RU Baker Hughes Cement Services to 2 3/8" 4.7# J-55, hold JSA and procedure meeting. Pressure test lines to 3,500 psi Preflush: Pumped 5 bbl fresh water to establish circulation 1st stag mix, batch and pump 200 sks of G&E Neat 15.8 ppg 1.15 yield (40 bbls), returned 12 bbls cement to tank, Displace .5 bbl, RD and release Baker, ND BOP's, isolated well, drained lines, racked pump and tank, RDMOL.	11/13/2013
11/14/2013	0 psi @ WH, Ran plumb bob and 300' tape tagging cement top at 32', MIRU roustabouts, dug around well head, MIRU welder, cut off 9 5/8" surface casing 6' below ground level, welded cap onto surface casing, RD welder, backfilled burying capped casing. RD roustabouts. FINAL REPORT	11/14/2013

CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT		DATE 12-NOV-13	F.R. # 10011026477	SERV. SUPV. REESE A ANDERSON										
LEASE & WELL NAME GROVES #41-2 - API 05123109460000		LOCATION 2-6N-66W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
		NA-P&A												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Fresh Water		0		0	8.34	0	0	03:30	20					
Treated Water		0		0	8.3	0	0	00:00	10					
Plug 1				50	15.8	1.15	4.99	04:00	10.23		5.94			
Treated Water		0		0	8.3	0	0	00:00	10					
Plug 2				160	13.5	1.71	8.29		48.81		31.59			
Fresh Water		0		0	8.3	0	0	00:00	19					
Treated Water		0		0	8.3	0	0	00:00	10					
Plug 3				550	15.8	1.15	5.00		112.45		65.45			
Fresh Water		0		0	8.3	0	0	00:00	1					
Available Mix Water		300		Bbl.		Available Displ. Fluid		300		Bbl.				
						TOTAL		241.49		102.98				
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
10	0	6500	4	4.5	11.6	CSG	6420	6420	N-80					
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	415	415	NO PACKER		0	0	0	2.375	8 RD	FRESH WATER	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
36	BBLs	Fresh Water		8.34	0	0	0	7700	2000	0	0	TRANSPORT		
		Fresh Water		8.3										
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: BPM						
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input type="checkbox"/>				Amount Bled Back After Job: 0 BBLs										
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL										
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 3				Competition: 3				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 6420 FT						
Squeezes (Update Original Treatment Report for Primary Job)														
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>				TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>		
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0					Fluid Weight: 0 LBS/GAL	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL

Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NONE

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES	3624 PSI	CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
03:00	0	0	0	0	NA				YARD CALL
05:34	0	0	0	0	NA				LEAVE YARD
06:46	0	0	0	0	NA				ARRIVE ON LOCATION
07:03	0	0	0	0	NA				SPOT TRUCKS/PRE RIG UP MEETING/RIG UP
08:18	0	0	0	0	NA				SAFETY MEETING
08:27	3624	0	0	0	H2O				PRESSURE TEST
08:33	520	0	1.5	13	H2O				PRE FLUSH
08:48	146	0	1.4	10	CMT				50 SACKS 15.8 PPG CEMENT
08:58	190	0	2.2	21.5	H2O				DISPLACE
09:12	0	0	0	0	NA				PULL TUBING
10:06	238	0	1.8	13	H2O				PRE FLUSH
10:16	282	0	2.4	47	CMT				160 SACKS 13.5 PPG CEMENT
10:37	383	0	2.4	13	H2O				DISPLACE
10:48	0	0	0	0	NA				PULL TUBING/WASH PUMPS AND LINES
11:52	61	0	1.5	12	H2O				PRE FLUSH
12:03	124	0	2.4	110	CMT				SX 15.8 PPG CEMENT
12:45	133	0	2.4	1	H2O				DISPLACE
12:55	0	0	0	0	NA				PRE RIG DOWN MEETING/RIG DOWN

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		231	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

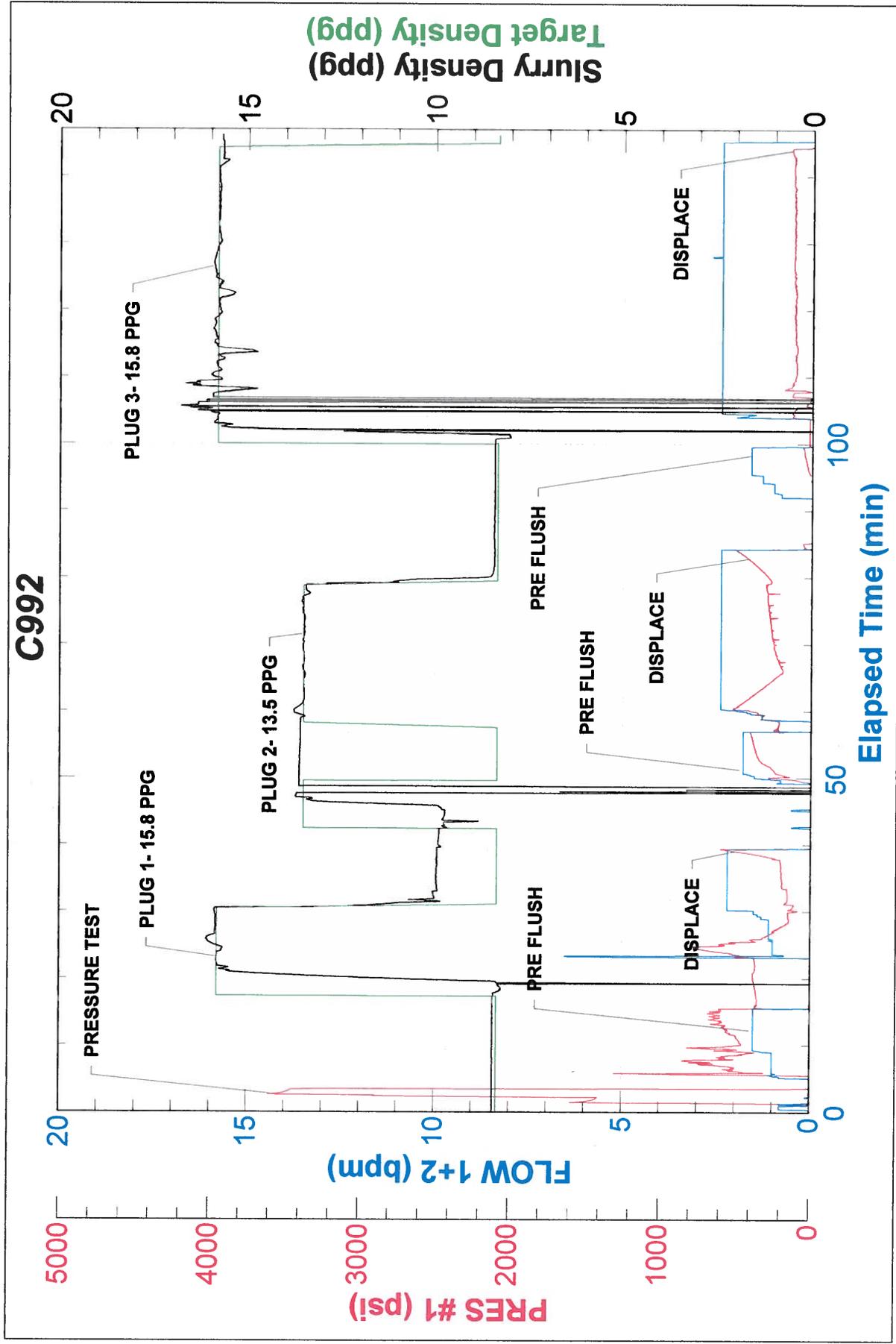


Baker Hughes JobMaster Program Version 3.60

Job Number: 10011026477

Customer: PDC

Well Name: GROVES 2



CEMENT JOB REPORT



CUSTOMER PETROLEUM DEVELOPMENT		DATE 13-NOV-13	F.R. # 10011026822	SERV. SUPV. BARLEN M JOYNER											
LEASE & WELL NAME GROVES #2 - API 05123109460000		LOCATION 2-6N-66W		COUNTY-PARISH-BLOCK Weld Colorado											
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon											
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD										
NO PLUG	No Shoe	NONE	0	0	NONE 0 0										
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES											
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER					
Fresh Water	0	0	8.34	0	0	00:00	0.5								
Treated Water	0	0	8.3	0	0	00:00	10								
Plug 1	0	200	15.8	1.15	4.99	04:00	40.96	23.81							
Treated Water	0	0	8.3	0	0	00:00	0								
Plug 2	0	0	13.5	1.71	8.29	00:00	0	0							
Fresh Water	0	0	8.3	0	0	00:00	0								
Treated Water	0	0	8.3	0	0	00:00	0								
Plug 3	0	0	15.8	1.15	5.00	00:00	0	0							
Fresh Water	0	0	8.3	0	0	00:00	0								
Available Mix Water 100 Bbl.		Available Displ. Fluid 50 Bbl.		TOTAL		51.46		23.81							
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS									
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE			
4.5	0	6420	4	4.5	11.6	CSG	6420	6420	N-80	0	0	0			
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID					
ID	OD	WGT.	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8.1	8.63	24	CSG	415	415	NO LINER		0	0	0	2.375	8RD	WATER BASED	8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.		SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
0.5	BBLs	Fresh Water		8.34	0	0		0	4780	1000	0	0	TRANSPORT		
		Fresh Water		8.3											
Circulation Prior to Job															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 2 BPM							
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
Displacement And Mud Removal															
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 0 BBLs											
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL											
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES											
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE															
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID							
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD															
Plugs															
Number of Attempts by BJ: 3				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:							
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES											
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 300 FT							
Squeezes (Update Original Treatment Report for Primary Job)															
BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/>		UNPLANNED <input checked="" type="checkbox"/>							
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0				Fluid Weight: 0 LBS/GAL			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE															

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL

Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NONE

PRESSURE/RATE DETAIL

EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION			
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW	CO. REP.		
						SAFETY MEETING: BJ CREW	<input checked="" type="checkbox"/>	CO. REP.	<input checked="" type="checkbox"/>
						TEST LINES	3191 PSI		
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ	<input type="checkbox"/>
09:00	0	0	0	0	N/A	YARD CALL			
11:10	0	0	0	0	N/A	ARRIVE ON LOCATION (41 MILES) CIRCULATING WELL			
11:15	0	0	0	0	N/A	SPOT TRUCKS			
11:20	0	0	0	0	N/A	PRE-RIG UP SAFETY MEETING			
11:40	0	0	0	0	N/A	SAFETY MEETING			
11:50	3191	0	0	0	WATER	PRESSURE TEST			
11:51	25	0	1.7	5	WATER	CLAYCARE SPACER			
11:54	75	0	2.3	39	CMT	BATCH UP, WEIGH AND PUMP 200 SX OF G @ 15.8			
12:24	72	0	1.2	.5	WATER	START DISPLACEMENT			
12:25	0	0	0	0	N/A	JOB DONE			
12:25	0	0	0	0	N/A	PRE-RIG DOWN SAFETY MEETING			
13:00	0	0	0	0	N/A	TIME OFF LOCATION			

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	18	45	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011026822
Customer: PDC
Well Name: Groves 41-2

Groves 41-2 (C973) P&A

