

Well	Schlagel 5-2HZ	Client	Oxy
Field	Wattenburg	SIR No.	65497
Engineer	Thomas Trapp	Job Type	5.5" Production
Country	USA	Job Date	



				Customer			Job Number		
				Oxy			65497		
Well		Location (legal)		Schlumberger Location			Job Start		
Schlagel 5-2HZ 5-2HZ		Platteville					Mar/13/2023		
Field		Formation Name/Type		Deviation	Bit Size	Well MD	Well TVD		
Wattenburg				deg	in	ft	ft		
County		State/Province		BHP	BHST	BHCT	Pore Press. Gradient		
Weld		Colorado		psi	degF	degF	lb/gal		
Well Master		API/UWI							
0066033772		05-123-51483-00-00							
Rig Name	Drilled For	Service Via	Casing/Liner						
Ensign 773	Oil and Gas	Land	Depth, ft		Size, in	Weight, lb/ft	Grade	Thread	
Offshore Zone	Well Class	Well Type	1893.0	9.6	36.0	J-55	BUTT		
	New	Development	25486.0	5.5	17.0	P-110	BUTT		
Drilling Fluid Type		Max. Density	Plastic Viscosity	Tubing/Drill Pipe					
		lb/gal	cP	T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Line	Job Type								
Cementing	5.5" Production								
Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection	Perforations/Open Hole						
psi	psi		Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval		
Service Instructions			ft	ft			ft		
			ft	ft			Diameter		
			ft	ft			in		
Treat Down		Displacement		Packer Type		Packer Depth			
Casing		590.0 bbl				ft			
Tubing Vol.		Casing Vol.		Annular Vol.		Openhole Vol.			
bbl		590.0 bbl		90.0 bbl		754.0 bbl			
Casing/Tubing Secured		1 Hole Vol. Circulated prior to Cement		Casing Tools			Squeeze Job		
<input type="checkbox"/>		<input type="checkbox"/>							
Lift Pressure		psi		Shoe Type		Squeeze Type			
				Float					
Pipe Rotated		Pipe Reciprocated		Shoe Depth		Tool Type			
<input type="checkbox"/>		<input type="checkbox"/>		25486.0 ft					
No. Centralizers		Top Plugs	Bottom Plugs	Stage Tool Type		Tool Depth			
		1	1			ft			
Cement Head Type				Stage Tool Depth		Tail Pipe Size			
				ft		in			
Job Scheduled For		Arrived on Location	Leave Location	Collar Type		Tail Pipe Depth			
Mar/13/2023 16:00		Mar/13/2023 16:00	Mar/14/2023 06:00	Float		ft			
				Collar Depth		Sqz. Total Vol.			
				25440.0 ft		bbl			
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/13/2023	22:19:55	1647	6.4	11.93	0.0	Start Pressure Test			
03/13/2023	22:20:55	1540	6.4	11.95	0.0	Low Pressure 1000; High 6000 psi			
03/13/2023	22:25:55	1366	6.4	11.96	0.0	Start Mixing MudPUSH			
03/13/2023	22:35:55	146	2.0	11.86	0.0	Start Pumping MudPUSH			
03/13/2023	22:51:55	1160	6.4	11.93	0.0	End MudPUSH;Vol= 80 bbls			
03/13/2023	22:52:55	1192	6.5	11.95	0.0	Drop Bottom Plug			
03/13/2023	22:53:55	1181	6.5	11.96	0.0	Start Mixing Lead Slurry			
03/13/2023	23:05:55	316	4.6	12.92	0.0	Begin Pumping Lead Slurry			
03/13/2023	23:55:55	1286	8.4	13.40	0.0	873 sks @ 12 ppg			
03/13/2023	23:56:55	1328	8.4	13.40	0.0	Yield= 1.81 ft^3/sk			
03/13/2023	23:57:55	1304	8.4	13.42	0.0	MW= 5.77 gal/sk			
03/14/2023	00:00:55	1332	8.4	13.41	0.0	End Lead Slurry; Vol= 282 bbls			
03/14/2023	00:02:55	1323	8.3	13.37	0.0	Begin Mixing Tail Slurry			
03/14/2023	00:06:55	755	6.5	13.54	0.0	Begin Pumping Tail Slurry			
03/14/2023	00:10:55	1413	8.4	13.42	0.0	1870 sks @ 13.5 ppg			
03/14/2023	00:11:55	1422	8.4	13.40	0.0	Yield= 1.64 ft^3/sk			
03/14/2023	00:12:55	1456	8.4	13.39	0.0	MW= 7.9 gal/sk			
03/14/2023	01:30:55	2271	6.3	8.35	0.0	End Tail Slurry;Vol= 546 bbls			
03/14/2023	01:50:55	2506	6.3	8.35	0.0	Drop Top Plug			
03/14/2023	01:53:55	2584	6.3	8.35	0.0	Start Displacement			
03/14/2023	03:14:55	3	0.0	8.35	0.0	Spacer spotted to surface @ 540 bbls away			

Well		Field		Job Start		Customer		Job Number	
Schlagel 5-2HZ 5-2HZ		Wattenburg		Mar/13/2023		Oxy		65497	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
03/14/2023	03:17:55	2	0.0	8.35	0.0	Top of Lead around 626'			
03/14/2023	03:18:55	0	0.0	8.35	0.0	Top of Tail around 8373'			
03/14/2023	03:25:55	3	0.0	5.48	0.0	Bump Plug @ 3200 psi			
03/14/2023	03:26:55	3	0.0	8.41	0.0	End Displacement; Vol= 590 bbls			
03/14/2023	03:27:55	4	0.5	7.80	0.0	Begin 15 minute casing test			
03/14/2023	03:43:55	0	0.0	0.02	0.0	End 15 minute casing test			
03/14/2023	03:44:55	-1	0.0	0.02	0.0	Bleed off check floats			
03/14/2023	03:45:55	0	0.0	0.02	0.0	Floats held returning 8 bbls			

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
			0.0	0.0	0.0	0.0		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
0	0		3200			bbl	lb/gal	
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume			
%	0.0 bbl	0.0 bbl	degF	<input type="checkbox"/>	bbl			
Customer or Authorized Representative				Washed Thru Perfs	To			
Schlumberger Supervisor				<input type="checkbox"/>	ft			
Thomas Trapp				Circulation Lost	Job Completed			
				<input type="checkbox"/>	<input type="checkbox"/>			
				-	-			



Service Quality Evaluation

Client:	Oxy
Field:	Wattenburg
Rig:	Ensign 773
Well:	Schlagel 5-2HZ
Service Line:	Cementing
Job Type:	5.5" Production

Service Order #:	
Date:	Mar/14/2023
Operating Time (hh:mm):	00:00
Client Rep:	
Schlumberger Engineer:	Thomas Trapp
Schlumberger FSM:	

Main Objective:

To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.

		Score	Yes / No		Result
1	HSE				
1a	Free of lost time injury and compliance with SLB and loc. spec. HSE practice	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1b	Free of environmental spill or non-compliant discharge	5	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
1c	Wellsite left clean	4	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

2	Design / Preparation				
2a	Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2b	Equipment maintenance schedule completed / Green tagged	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2c	All materials and equipment required for job/contingency checked & on location	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
2d	Safety / pre-job meeting conducted with all involved present	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

3	Execution				
3a	Lost time < 30 mins	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3b	Equipment pressure tested successfully	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3c	All key parameters monitored and recorded accurately (Pressure, Rate, Density)	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3d	Plugs / darts released and tested successfully	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3e	Density variation met expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3f	Personnel performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3g	Equipment performed as per expectations	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3h	Job pumped as per design	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3i	Did job start on time	2	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
3j	Free of Operational failures (screen out, Cementing Example, etc.)	3	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

4	Evaluation				
4a	Main job objective achieved with no consequential non-productive time	10	yes <input type="checkbox"/>	no <input checked="" type="checkbox"/>	0
Sub-total					0%

Total 0%

Comments: (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

Client:	Schlumberger:
Client Signature:	Schlumberger Signature: