



Date: 02/01/23 –02/07/23

Operator: Chevron Corporation

Well Name: Howell 32-23

Legal Location: SWNW SEC: 32 4N 64W

API # 05-123-15226 Job Log

Weld County

02/01/23: check psi: 0/0/0, SWI

02/02/23: check psi: 0/0/0, pressure test BOP, NU BOP, TOOH w/52stands, LD 4jts, load hole w/20bbls, pressure test plug @2000psi for 15mins, test good, RU WL, shoot hole @4085', inject w/5bbls, shoot hole @3985', set CICR @4035', RD WL, TIH w/52stands, SWI

02/03/23: check psi: 0/0/0, PU 25jts, sting into CICR plus 20' of subs, RU CMT, pump 10bbls MUD, 40sks cmt, RD CMT, LD 53jts, TOOH to derrick w/38stands, RU WL, shoot hole @2500', shoot hole @2000', set CICR @2400', RD WL, TIH w/38stands, PU 1jt plus 4' of subs to sting into CICR, RU CMT, pump 10bbls MUD, 185sks cmt, RD CMT, LD 17jts, reverse out w/30bbls, LD 60jts more, load hole w/5bbls, RU WL, jet cut @706', RD WL, SWI

02/04/23: check psi: 0/0/0, ND BOP, unland 4 ½ casing, NU BOP, try to circulate, LD 1jt, pump 20bbls did not get any good circulation, pump pressure up, LD 3jts more, try again, pump 10bbls got pressure up again, LD 18jts of casing, SWI

02/06/23: check psi: 0/0/0, talli in tubing from the trailer, 24jts, circulate well 15bbls, circulate clean, PU 3jts more, circulate pump 10bbls, PU 4jts more, circulate well clean, PU 4jts more, circulate/condition well, RU CMT, pump 10bbls MUD, 170sks cmt w/flake and cc, RD CMT, LD 23jts, SWI

02/07/23: check psi: 0/0/0, PU 12jts, tag cmt @371', RU CMT, pump 120sks cmt, 24.5bbls, RD CMT, LD 12jts, ND BOP, put surface cap on well, SWI



*****All cement is 15.8 # Class "G" neat cement*****

Cementing Contractor: AXIS Energy Services

Cementing Contractor Supervisor: Matt Bulinski

Operator Supervisor: Ryan Cook

State Representative: Adam Burns

Wireline Contractor: AXIS Energy Services – E - Line

AXIS ENERGY SERVICES

OPERATOR:	Chevron	DATE:	1/7/2023	API#	05-123-15226
LEASE NAME:	Howell 32-23	RIG #	714	COUNTY:	Weld

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	2/3/2023	2/3/2023	2/6/2023	2/7/2023	
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	4.5"	4.5"/9"	9"	8-5/8"-9"	
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	4035'	2400'	706'	371'	
SACKS OF CEMENT USED (EACH PLUG):	40	185	170	120	
SLURRY VOLUME PUMPED:	8.1	37.9	34.8	5	
MEASURED TOP OF PLUG:	3983'	2000'	221'	surface	
SLURRY WT. #/GAL. :	15.8#	15.8#	15.8#	15.8#	
TYPE CEMENT:	G	G	LCM Blend	G	
MUD FLUSH USED BBLs:	10	10 BBLs	10	0	
CALCIUM CHLORIDE USED LBS:	0 LBS	0 LBS	0 LBS	0	
SUGAR USED LBS:	0	100	50	50	

Jonathan Snyder

SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

Axis Energy Services

NAME OF CEMENTING CO.



Well Name			Rig No.		Date	Field Ticket No.	
Howell 32-23			Axis Rig #714		02/03/23	1023	
State	County	API No.		Customer		Lift Pressure & Pop Off	
CO	Weld	05-123-15226		Chevron - Ryan Cook		Lift: 3,500 PSI	Pop Off: 2,200 PSI
Pump	Bulk	Job Type	Last Tckt?	Empl. No.	Employee Name	Water PH: 7	Cmt Type: G Cement
2904	2883	2 CIGR's	No		Ramon Villalobos	CSG Size: 4 1/2" 15.1#	TBG Size: 2 3/8" 4.7#
Job Supervisor:					Jonathan Brown	TBG Dpth: 4,035'±240'	Open Hle: 9"
Ramon Villalobos					Steve Noble	CSG/ANRL:	TBG Vol:
Remarks:					Well Information		
G Cement - 225 sks Chem Wash - 20 bbls Sugar - 100 lbs						Description	Depth
						Job #1 Perfs	3,983' / 4,085'
						Job #1 CIGR	4,035'
						Job #2 Perfs	2,000' / 2,500'
Customer Signature:						Job #2 CIGR	2,400'
Time	Injection		Pressure	Cement Slurry		Remarks	
	RATE	BBLS IN	PSI	WEIGHT	YIELD		
07:40						Arrive on location	
08:00						JSA on Rig up	
08:15						Rig up	
08:30						JSA on pump schedule	
08:40	0.5	0.5	2,000	8.33		Test lines and PRV	
08:45	2	10	500	8.5		Chem Wash Spacer	
08:50	3	5	500	8.33		Fresh Water Spacer	
08:55	3	8.1	500	15.8	1.15	Mix and pump 40 sks G Cement	
09:05	3	14.5	500	8.33		Displace with H2O	
09:10						Shutdown / Sling out	
12:45	2	5	700	8.33		Break circulation with H2O	
12:50	2	10	800	8.5		Chem Wash Spacer	
12:55	2	5	800	8.33		Fresh Water Spacer	
13:00	3	37.9	800	15.8		Mix and pump 185 sks G Cement	
13:20	2	3	800	8.33		Displace with H2O	
13:25						Shutdown / Sling out	
13:30	2	5	800	8.33		Displace with H2O	
13:35						Wash pumps and lines	
13:50						JSA on Rig down, Rig down	
14:00							

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