

SPN CEMENT REPORT

OPERATOR: <i>Noble</i>	DATE: <i>8-26-19 - 8-27-19</i>	API# <i>05-123-20938</i>
LEASE NAME: <i>Allison 1A04-032E</i>	RIG # <i>SPN 725</i>	COUNTY: <i>Weld</i>

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	<i>8-26-19</i>	<i>8-27-19</i>			
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	<i>4 1/2" - 9"</i>	<i>9" - 8 3/8"</i>			
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	<i>2400</i>	<i>856"</i>			
SACKS OF CEMENT USED (EACH PLUG):	<i>162</i>	<i>323</i>			
SLURRY VOLUME PUMPED:	<i>33</i>	<i>66.1</i>			
MEASURED TOP OF PLUG:	<i>2000' - 2271'</i>	<i>Surface</i>			
SLURRY WT. #/GAL. :	<i>15.8</i>	<i>15.8</i>			
TYPE CEMENT:	<i>G</i>	<i>G</i>			
MUD FLUSH USED BBLs:	<i>10</i>	<i>10</i>			
CALCIUM CHLORIDE USED LBS:	<i>0</i>	<i>550</i>			
SUGAR USED LBS:	<i>50</i>	<i>50</i>			



 SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

SPN

 NAME OF CEMENTING CO.

TREATMENT
REPORT

P.O. BOX 329
FORT LUPTON, CO 80621
303-654-9202

DATE 8/27/19
FIELD TICKET #

WELL NAME & NO.		LOC. SPN 725		SERIAL #	LIFT PRESSURE & POP OFF			
Allison A04-03JI		38 & 39		0512320938	LIFT: N/A			
PUMP:	BULK:	JOB PUMPED THRU TUBING CASING ANNULUS			POP OFF: 1000			
2900	3048	WELL TYP. OIL GAS WATER INJ.			WATER I 7.2			
COUNTY:	STATE:	AGE OF WELL: NEW REWORK			TYPE OF CEMENT Gneat			
Weld	CO	JOB TYPE: PUA-Surface			CASING SIZE: 4 1/2 11.6# / 8 5/8 24#			
CUSTOMER NAME: Noble, Dallas Russel					CASING DEPTH: CSG cut 856 8CSG 656			
					TUBING SIZE: Ø			
					TUBING DEPTH: Ø			
JOB SUPERVISOR: David Dickson		Gilberto Verdugo			OPEN HOLE: 9"			
		Louie pecheco			CSG OR ANRL VO Ø			
SERVICE RATED: POOR FAIR EXCELLENT		Nate Halverson			TBG VOLUME: Ø			
					WELL INFORMATION			
REMARKS: Gneat					DESCRIPTION			
Sugar 50#					DEPTH			
Mud Flush 10 bbls					CSG cut 856			
CC 550#					TOL Surface			
Cement weight 15.8 verified by scale sample taken at 2 bbls, 30 bbls, 60 bbls.								
CUSTOMER SIGNATURE:								
TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS	
	RATE	BBLS IN	CSG	TBG	WEIGHT	YIELD		
11:30							Arrive to Location.	
11:32							JSA CMT crew	
11:40							Spot & Rig up	
11:42							JSA Rig crew	
11:53			2500				pressure test	
11:57	.8	1	50		8.3		circulate	
11:59	1	10	100		8.5		Mud Flush	
12:10	1.4	5	100		8.3		H2O spacer	
12:15	1.5	64.1	100		15.8	1.15	pump cement 313 SKS G with 3% CC	
1:00							Shut down and pressured well	
1:10							bleed out wash up	
1:30							stand by 1 hr	
2:35	.8	2	0		15.8	1.15	Top off 10 SKS Gneat	
2:39							wash up	
2:45							Rigdown	
3:00							Leave Location.	
TIME & EQUIPMENT CHARGES					PRICE PER UNIT	MATERIALS CHARGES		PRICE PER UNIT
2 Man Crew & Pump					\$2,000.00	Class G Cement (50SK Min)		323 SKS \$15.00/SK
2 Man Crew, Pump Plus Bulk Truck ✓					\$2,300.00	Gas Check Blend		\$35.00/SK
Additional Bulk Truck					\$350.00	Sugar		50# \$1.50/LB
Additional Time On Location After 5 HRS					\$250.00/Hr	Mud Flush		10 bbls \$40.00/BL
Job Cancelation					\$450.00	Calcium Chloride		550# \$5.00/LB
TOTAL:								