



## Job Summary

Ticket Number  
TN# **BCO-2003-0006**

Ticket Date  
**3/1/2020**

COUNTY	COMPANY	API Number
<b>WELD</b>	<b>GREAT WESTERN OIL &amp; GAS CO.</b>	<b>0512332772</b>
WELL NAME	RIG	JOB TYPE
<b>BINDER 24-20</b>	<b>Hurricane 68</b>	<b>CM-P2A-PERM.</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.29809 -104.91491</b>	<b>Francisco Flores</b>	<b>Shawn Primosch</b>

### EMPLOYEES

Jake Guseman		
Charles wagaman		

### WELL PROFILE

Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

### Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
	7.875	1200	521		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)

### Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Surface	8.625	24	J55	521	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Tubing	2.375	4.7	J55	1200	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)

### CEMENT DATA

Stage 1:	From Depth (ft):	1200	To Depth (ft):	0	
	Type: <b>Surface Plug</b>				
	Volume (sacks):	430	Volume (bbls):	88	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.
100% CJ914			15.8	1.15	5.00

Stage 2:	From Depth (ft):	125	To Depth (ft):	0	
	Type: Top Off				
	Volume (sacks):	39	Volume (bbls):	8	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% CJ914			15.8	1.15	5.00

### SUMMARY

Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):		
	bbls of				
Total Preflush/Spacer Volume (bbl):	5		Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	96		Lost Returns (Y/N):	N (if Y, when)	
Total Fluid Pumped	101				
Returns to Surface:	Cement	2 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

End of tubing@1200'. Mix & pump 430sx@15.8ppg 1.15Y. 679' of O.H. coverage. 521' of coverage inside surface casing. Brought cement to surface. Pumped job per customers request. Job went well. Thank you!

Customer Representative Signature: \_\_\_\_\_

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**NEXTier****Job Summary**

Ticket Number

TN# **BCO-2002-0116**

Ticket Date

**2/29/2020**

COUNTY	COMPANY	API Number
<b>WELD</b>	<b>GREAT WESTERN OIL &amp; GAS CO.</b>	<b>0512332772</b>
WELL NAME	RIG	JOB TYPE
<b>BINDER 24-20</b>	<b>Hurricane 68</b>	<b>CM-P2A-PERM.</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.29809 -104.91491</b>	<b>Francisco Flores</b>	<b>Shawn</b>
EMPLOYEES		
Jake Guseman		
Charles Wagaman		

**WELL PROFILE**

Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

**Open Hole**

	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
1	7.875	2000			
2					

**Casing/Tubing/Drill Pipe**

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8.625	24	J55		0		
Production	4.5	11.6	J55	2050	2000		
Tubing	2.375	4.7	J55	2050	0		

**CEMENT DATA**

Stage 1:	From Depth (ft):	2050	To Depth (ft):	1610		
Type: Stub Plug	Volume (sacks):	100	Volume (bbls):	24.2		
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
AGM				15	1.36	6.27

**SUMMARY**

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	6.2	Stage 1	Stage 2
		Actual Displacement (bbl):	6.2		
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):		Bump Pressure (psi):	
Total Slurry Volume (bbl):	24.2	Lost Returns (Y/N):	n	(if Y, when)	
Total Fluid Pumped	35.4				
Returns to Surface:	Mud 35.4 bbls				

Job Notes (fluids pumped / procedures / tools / etc.):

End of tubing@2050'. Casing cut@2000'. Mix &amp; pump 100sx@15.0ppg 1.36Y. 50' of coverage inside production casing. 390' of coverage in O.H. ETOC@1610'. Displace it to balance. Pumped job per customers request. Job went well. Thank you!

Customer Representative Signature: \_\_\_\_\_

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**NEXTier****Job Summary**

Ticket Number

TN# BCO-2002-0112

Ticket Date

2/28/2020

COUNTY	COMPANY	API Number
WELD	GREAT WESTERN OIL & GAS CO.	0512332772
WELL NAME	RIG	JOB TYPE
BINDER 24-20	Hurricane 68	CM-P2A-PERM.
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.29809 -104.91491	Armando Lopez	Shawn
EMPLOYEES		
Garrick Williamson		
Charles Wagatain		

**WELL PROFILE**

Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

**Open Hole**

	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
1	7 7/8	2890	2905	2890	2905
	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
2					

**Casing/Tubing/Drill Pipe**

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Tubing	2 3/8	4.7		0	2850	0	2850
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Casing	4 1/2	11.6		0	3000	0	3000
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)

**CEMENT DATA**

Stage 1:	From Depth (ft):	2890	To Depth (ft):	2905
Type: Squeeze	Volume (sacks):	75	Volume (bbls):	18.5

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% CJ922 + .3% CJ415 + .7% CJ548 + .4% CJX157011	14.6	1.38	6.59

Stage 2:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
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Stage 3:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
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Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
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**SUMMARY**

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
		Actual Displacement (bbl):	8.5	
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	18.5	Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped	33			
Returns to Surface:				

Job Notes (fluids pumped / procedures / tools / etc.):

Squeeze. Perfs at 2890 ft and 2905 ft. Retainer set at 2850 ft. Pump 1 bbls to Fill Lines, Pressure test lines to 3000 psi, Pump 5 bbls Fresh Water, Mix and Pump Cement at 14.6 lbs, Displace 8.5 bbls, leaving 10 sacks of cement on top of retainer. Length of cement inside casing is from 2905 ft to 2692 ft. Pumped job as per programed and customers request.

Customer Representative Signature:

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<b>NEXTier Job Summary</b>		Ticket Number TN# <b>BCO-2002-0091</b>	Ticket Date <b>2/22/2020</b>
COUNTY <b>WELD</b>	COMPANY <b>GREAT WESTERN OIL &amp; GAS CO.</b>	API Number <b>0512332772</b>	
WELL NAME <b>BINDER 24-20</b>	RIG <b>Hurricane 68</b>	JOB TYPE <b>CM-P2A-PERM.</b>	
SURFACE WELL LOCATION <b>40.29809 -104.91491</b>	CJES Field Supervisor <b>Larry Laslie</b>	CUSTOMER REP <b>Shawn</b>	

EMPLOYEES			
Ryan Peterson			
Mike Arthur			
<b>WELL PROFILE</b>			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

<b>Open Hole</b>					
1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)

<b>Casing/Tubing/Drill Pipe</b>							
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Surface							
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Casing	4.5	11.6		0	7213		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Tubing	2 3/8	4.7		0	7213		

<b>CEMENT DATA</b>					
Stage 1:	From Depth (ft):	6781	To Depth (ft):	7213	
Type: Shoe Plugs	Volume (sacks):	25	Volume (bbls):	6.7	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
CJ914 + adds			15.8	1.52	6.21

Stage 2:	From Depth (ft):	3568	To Depth (ft):	4000	
Type: Surface Plug	Volume (sacks):	25	Volume (bbls):	6.7	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
CJ914 + adds			15.8	1.52	6.21

Stage 3:	From Depth (ft):		To Depth (ft):		
Type: Top Off	Volume (sacks):		Volume (bbls):		
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.

Stage 4:	From Depth (ft):		To Depth (ft):		
Type:	Volume (sacks):		Volume (bbls):		
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.

<b>SUMMARY</b>					
Preflushes:	15 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	6 bbls of	Fresh Water	Actual Displacement (bbl):	25.7	13.3
	bbls of			25.7	13.3
Total Preflush/Spacer Volume (bbl):	21		Plug Bump (Y/N):	n/a	Bump Pressure (psi):
Total Slurry Volume (bbl):	13.4		Lost Returns (Y/N):	n	(if Y, when)
Total Fluid Pumped	34.4				
Returns to Surface:	Cement	0 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

PRESSURED UP CASING FOR TEST IT HELD 300#

Customer Representative Signature:

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