



## Cementing Service Report

9208130

Client Name Duncan Oil, Inc.	Well Name BK #1	Rig	Job Date October 06,2015	Call Sheet 1061322
Client Representative Mr. Tom Thomas	Surface Well Location Sec 34:T3S:R53W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Prigmore, Dominic (27161)

### Well Profile

Well Type:	Oil
Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ --
Bottom Hole Circulating Temperature (°F):	--- @ --
Bottom Hole Logged Temperature (°F):	--- @ --

### Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
7.875	--	370.000	7,596.000	--	--

### Casing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
8.625	24.000	J-55	1,370.0	2,950.0	23.56	8.097	9.625	0.0	370.0

### Drill Pipe

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
4.500	16.600	G	13,820.000	108.010	3.826	6.250	0.000	7,596.000

### Products

#### Plug 1

From Depth (ft): 7460

To Depth (ft): 7596

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 40 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 8.2 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66  
+ 0.25 lb/sack of Polyflake (Preblend)

#### Plug 2

From Depth (ft): 5240

To Depth (ft): 5376

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 40 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 8.2 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66  
+ 0.25 lb/sack of Polyflake (Preblend)

#### Plug 3

From Depth (ft): 4335

To Depth (ft): 4471

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 40 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 8.2 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66  
+ 0.25 lb/sack of Polyflake (Preblend)

#### Plug 4

From Depth (ft): 270

To Depth (ft): 435

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 50 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 10.2 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66  
+ 0.25 lb/sack of Polyflake (Preblend)

#### Plug 5

From Depth (ft): 0

To Depth (ft): 30

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 15 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 3 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66  
+ 0.25 lb/sack of Polyflake (Preblend)

#### Plug 6

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

**Fluid & Cement Data**

Expected Cement Top: Surface

**Wellbore Fluid**

<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	--	--	--	Oct 04, 2015 15:15
Water Based Mud	--	9.200	--	--	Oct 04, 2015 15:16

**Units & Personnel****Units**

<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
201114	PICKUP	3/4 Ton				10/06/2015 18:00	10/07/2015 09:00
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	10/06/2015 18:00	10/07/2015 09:00
740082	BODY JOB	C & A				10/06/2015 18:00	10/07/2015 09:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Prigmore, Dominic (27161)	10/06/2015 18:00	10/07/2015 09:00		
Dunsbergen, Scott (29737)	10/06/2015 18:00	10/07/2015 09:00		
Johnson, Quintin (23945)	10/06/2015 18:00	10/07/2015 09:00		

**Treatment Reports & Remarks**

Treatment Reports & Remarks								
Treatment Report								
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Oct 06,2015 18:00	Arrive On Location		--	--	--	--	0.00
2	Oct 06,2015 18:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Oct 06,2015 19:45	Rig in Complete		--	--	--	--	0.00
4	Oct 06,2015 20:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Oct 06,2015 20:35	Pressure Test Start	Water	--	3,000.0	--	--	0.00
		Remarks: P.T						
6	Oct 06,2015 20:38	Pressure Test Complete	Water	--	3,000.0	--	--	0.00
7	Oct 06,2015 20:40	Pump	Water	2.00	200.0	--	1.50	1.50
8	Oct 06,2015 20:42	Mix Cement	0-1-0 G	3.00	300.0	--	8.20	9.70
		Remarks: T.O.C 7,460'						
9	Oct 06,2015 20:46	Displace Fluid	Water Based Mud	3.00	300.0	--	105.70	115.40
		Remarks: Displaced mud to balance.						
10	Oct 06,2015 21:00	Wait On Instructions		--	--	--	--	115.40
		Remarks: Wait for rig to pull drill pipe to 5,376'						
11	Oct 06,2015 23:22	Mix Cement	0-1-0 G	2.00	200.0	--	8.20	8.20
		Remarks: T.O.C 5,240'						
12	Oct 06,2015 23:27	Displace Fluid	Water Based Mud	2.50	125.0	--	74.20	82.40
		Remarks: Displaced to balance.						
13	Oct 06,2015 23:55	Wait On Instructions		--	--	--	--	82.40
		Remarks: Wait on rig to pull drill pipe to 4471'						
14	Oct 07,2015 00:48	Mix Cement	0-1-0 G	2.20	150.0	--	8.20	8.20
		Remarks: T.O.C 4,335'						
15	Oct 07,2015 00:54	Displace Fluid	Water Based Mud	3.25	190.0	--	61.35	69.55
		Remarks: Displaced to balance.						
16	Oct 07,2015 01:20	Wait On Instructions		--	--	--	--	69.55
		Remarks: Wait on rig to pull drill pipe to 435'						
17	Oct 07,2015 05:02	Pump	Water	2.00	60.0	--	1.50	1.50
18	Oct 07,2015 05:13	Mix Cement	0-1-0 G	80.00	80.0	--	10.24	11.74
		Remarks: T.O.C 250'						
19	Oct 07,2015 05:20	Displace Fluid	Water	2.00	70.0	--	3.75	15.49
		Remarks: Displaced to balance plug						
20	Oct 07,2015 07:30	Mix Cement	0-1-0 G	1.00	5.0	--	3.00	3.00
		Remarks: Batch mixed slurry for rat and mouse hole.						
21	Oct 07,2015 08:00	Stop	0-1-0 G	--	--	--	--	0.00
		Remarks: Left rig 15 sacks to top off with.						
22	Oct 07,2015 08:30	Job Complete		--	--	--	--	115.40
23	Oct 07,2015 09:00	Leave Location		--	--	--	--	115.40

### Treatment Reports & Remarks

Did Float Hold:

Fluid Returns : No

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

#### Material Transfer Sheet Number

Material Transfer Sheet Number

65919

65946