



Pumping Service Report

9203873

Client Name Synergy Resources Corporation	Well Name Conrad 44-1GHZ	Rig Ensign Drilling Inc. 131	Job Date May 28,2015	Call Sheet 1058020
Client Representative Sean Devereaux	Surface Well Location Sec 1:T6N:R59W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Hall, Andrew J (25267)

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)
8.750	25.000	0.000	6,888.000	--	--

Casing

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
7.000	29.000	J-55	--	--	--	--	--	0.0	6,873.0

Products

Stage 1

From Depth (ft):	211
To Depth (ft):	5200

Acids/Blends/Fluids :

Lead 1: 365 Sacks of 50% Class III / 50% Poz (1-1-0 III), Density = 12 lb/gal, Volume Pumped = 126.76 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
+ 2 % of FWC-2 (Preblend),
+ 0.5 % of CFL-4 (Preblend),
+ 0.2 % of ASM-3 (Preblend),
+ 0.25 lb/sack of LCL-7 (Preblend)

Stage 2

From Depth (ft):	5200
To Depth (ft):	6773

Acids/Blends/Fluids :

Tail: 255 Sacks of 50% Class G / 50% Poz (1-1-2G), Density = 14.6 lb/gal, Volume Pumped = 51.77 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80
+ 0.6 % of CFL-8 (Preblend),
+ 0.2 % of ASM-5 (Preblend),
+ 0.25 lb/sack of LCL-7 (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 23, 2015 08:26
Invert	--	--	--	--	May 27, 2015 17:04



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Attachment & Tools

Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Guide Shoe	6,873.000	Third Party
Float Insert	6,827.000	Third Party

Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Bottom	7.000	Sanjel
Rubber Top	7.000	Sanjel

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>
449086	TRAILER	Utility Trailer	201009	PICKUP	1 Ton	05/28/2015 20:00	05/29/2015 06:00
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	05/28/2015 20:00	05/29/2015 06:00
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	05/28/2015 20:00	05/29/2015 06:00
746508	BODY JOB	Baby Bulker				05/28/2015 20:00	05/29/2015 06:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hall, Andrew J (25267)	05/28/2015 20:00	05/29/2015 06:00		
Pigg, Martin (28301)	05/28/2015 20:00	05/29/2015 06:00		
Faircloth, Branden (29706)	05/28/2015 20:00	05/29/2015 06:00		
Bark, Eric (28944)	05/28/2015 20:00	05/29/2015 06:00		



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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	May 28,2015 20:00	Arrive On Location		--	--	--	--	0.00
2	May 29,2015 00:00	Crew Briefing (Rig in)		--	--	--	--	0.00
3	May 29,2015 01:00	Rig in Complete		--	--	--	--	0.00
4	May 29,2015 01:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	May 29,2015 02:30	Pressure Test Start	Water	1.00	4,000.0	--	3.00	3.00
6	May 29,2015 02:35	Pressure Test Complete	Water	--	--	--	--	3.00
7	May 29,2015 02:36	Pump Preflush	Water	4.00	800.0	--	30.00	33.00
8	May 29,2015 02:45	Pump	Water	6.00	1,000.0	--	10.00	43.00
9	May 29,2015 02:48	Pump	50% Class III / 50% Poz (1-1-0 III)	6.00	1,000.0	--	126.76	169.76
10	May 29,2015 03:10	Pump	50% Class G / 50% Poz (1-1- 2G)	6.00	1,000.0	--	51.77	221.53
11	May 29,2015 03:25	Drop Plug		--	--	--	--	221.53
12	May 29,2015 03:27	Displace Fluid	Invert	6.00	1,000.0	--	254.00	475.53
13	May 29,2015 04:20	Bump Plug	Invert	--	1,500.0	--	--	475.53
14	May 29,2015 04:25	Check Float		--	--	--	--	475.53
15	May 29,2015 04:30	Hold Back Pressure	Invert	1.00	1,000.0	--	3.00	478.53
16	May 29,2015 05:20	Rig Out		--	--	--	--	478.53
17	May 29,2015 06:00	Job Complete		--	--	--	--	478.53
18	May 29,2015 06:30	Leave Location		--	--	--	--	478.53

Did Float Hold: Yes

Fluid Returns : No

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

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57956

57958