IPT

Integrated Petroleum Technologies, Inc.

Daily Completion Report

Date	Company	Well Name & Number	County	State	API Number	GL	KB
1/30/14	Bayswater E & P	Heckman 9-20	Weld	CO	05-123-37610	4972	4985

Report Day	TVD	TMD	PBTD	QtrQtr Sec-Twp-Rge	Daily Cost	Cumulative Cost	AFE Amount
5	7,244'	7,800'	7,766'	NENE Sec 29-T7N-R67W	$1,475	$76,382	

Directions to Location
Hwy 85 N to Hwy 392, W to Hwy 257, N to WCR 78, 1/10 mi W, S into

Supervisor
Sears

Actual Operations Current 24 Hours
Set CIBP @ 7598 ft; perf Nio C f/ 7528-7565 ft; frac Nio C w/ 6674 bbls & 180,700 lbs 20/40 white sand; set CIFP @ 7500 ft; perf Nio B @ 7444-7466 ft

Proposed Operations Next 24 Hours
Frac Nio B & A

Time Log From	To	Hrs	
8:30	9:30	1:00	Get Nabors rigged up to put a little pressure on the lubricator so that they can open the WL BOPS.
9:30	9:45	0:15	Open Allied BOPS, ~1500 psi. Call office. Try to move up or down, could go down but not up. Call office.
9:45	11:30	1:45	Go down to plug depth and set plug. Able to go down. Set **CIBP @ 7598 ft.** All indications plug is set, able to pull uphole.
			Continue uphole & correlate back to CBL dated 1/14/14. Call office. Go back downhole and perforate Niobrara C f/
			7560-7565, 7548-7552, 7538-7542 & 7528-7532 ft, 4 spf, 120 deg phasing, 19 gm, 0.40" EHD, 84 holes. POOH gun.
			All shots fired.
11:30	12:00	0:30	Rig up frac crew to wellhead. Water temp 80 deg.
12:00	14:45	2:45	Hold PJSM. Pressure test lines to 6800 psi, Max is 5800 psi. KO 5700 psi, staggered. Pop off 5850 psi.
			23 turns to open master. SIWP = 308. Formation break at 4692 psi @ 4.2 bpm.
			Establish rate, pump 1000 gals 15% HCL & 9652 gals FR water pad at 4600 psi & 43.9 bpm, SD.
			ISIP = 3271 psi, FG = 0.866 psi/ft, 1 min = 3219 psi, 4 min = 3135 psi,Leakoff = 84 psi/3 min.
			Perf friction 11 psi, NWB friction 736 psi, pipe friction 582 psi, Total friction 1329 psi; 68 perfs open
			Resume pad, pumped 59,530 gals slickwater; 60.3 bpm @ 4966 psi.
			188,598 gals slickwater w/ 0.25# to 1.5# ramp 30/50; 60.3 BPM @ 4988 psi
			15,468 gals slickwater w/ 1.5# stage 30/50; 59.5 BPM @ 4651 psi
			2,100 gals overflush & 4952 gals FR water to flush. **6,674 BLWR & 180,700 lbs 30/50 white sand**
			ISIP = 3377 psi, FG = 0.885 psi/ft, 1 min = 3338 psi, 4 min = 3314 psi, Leakoff = 24 psi/3 min.
			MWHTP = 5544 psi; MTR = 60.9 bpm; AWHTP = 4913 psi; ATR = 60.3 bpm
			SI well. Rig down frac equipment.
14:45	16:15	1:30	Rig up WL to well. Set **CIFP @ 7500 ft**. PUH to perf Niobrara B f/ 7444 to 7466 ft w/ 4 spf, 19 gm, 0.40" EHD,
			120 deg phasing, 88 holes, all shots fired. RD WL from well.
			Secure well for night.
TOTAL HOURS:		7:45	

Perforation Record

Formation	DEPTH From	DEPTH To	PLUGS Frac Plug	PLUGS CIBP
Codell	7645	7662		
Niobrara C	7528	7565		7598
Niobrara B	7444	7466		

TUBING DESC. (Top to Bottom)

# Jts.	Desc.	Size	Grade	Thread	Weight	Length	Set @