



SEI Operating, LLC • Independent Oil Producers
ZUBER #2

WELL NAME: P. Goodwin Zuber #2 OPERATOR: SEI Operating, LLC RRC Operator#: 763302

Field: Hawkins TOTAL DEPTH: 5000' REPORT TYPE: COMPLETION

COUNTY: WOOD STATE: TEXAS API#: 4249932167 PERMIT#: 815416

DATE	DEPTH	MUD WT	MUD VI	DETAIL OF OPERATIONS
06/30/16	5053'			See attached sidewall core analysis. Frank's Casing set 5053' of 7 5/8" P-110 33.7# and L-80 29.7# production casing. Halliburton on location cementing production casing.
07/08/16				Bobbitt Construction welded plate on well head.
07/13/16	5053'			Kniffen surveying location for tanks and separators. Begin clearing location to set equipment.
08/05/16				Kniffen staked location for the tanks and separator. Kniffen not charging for delay.
08/09/16				Survey plat for two acre location completed. See attached.
08/10/16				Scott Knight, Esq., preparing deed for property to set tanks and separator. Inspected 4x20 heater treater, three phase high pressure separator and 400 BBL fiberglass tank for well. Met with CUDD Energy Services personnel to design frac plan for the well.
08/17/16				Bobbitt Construction clearing location for tanks and separators.
09/01/16				Surface property deed finalized, including permant rightaway/easement to the well site. Moving in equipment ASAP.
09/15/16				Oil storage tanks are being painted. Delivery expected next week.
09/22/16				Preparing pads for tanks, pumping unit and separator.
09/23/16				Lufkin 114 pumping unit set on concrete pad. Set 3 phase 24" x 76" x 125 WP separator on concrete pad. Set 400 bbl tanks on pad. Plumbing and hooking up everything next week.
09/29/16				Hung stairs and walkway on tank battery and built up firewall around battery. Installed dual tubing hanger/well head. Dug 3' trench and buried flow lines (with sealant) from well head to separator to tanks. Plumbed well site including various valves on separator. Completing and testing well next week.
10/03/16				Sabine Pipe and Costal Pipe delivered and unloaded 850' and 4169.8' (5019.8' total) of 2 3/8" 4.7# L-80 ERW production tubing.
10/04/16				Strategic wireline running CBL (cement bond log) and CCL (casing collar locator). Strategic to perforate on 10/5 after XTO/Exxon job.
10/05/16				Davis workover on location at 9:30 am rigging up. Davis workover rig running tubing (see photos) in hole to 4484' at 2:30 pm. Strategic Wireline on location at 4:05 pm to perf Woodbine sand (see Jett perf gun photos). Evening Report: Strategic perfed 8' at 6 shots per foot from 4836'-4844' measured depth with Jett gun. Pressure guage showed immediate 20# increase. Shutting well in to hook up production pipe from wellhead to flowline in the am. M & D Roustabout crew on location to hook up pipe from wellhead to flowline. Tested AD-1 tension packer to go in hole. Installed BOP (blowout preventer) on wellhead. Davis pulled 4484' tubing out of hole. Attached packer to tubing and going back in hole. Set packer-11,000# at measured depth 4486'. Removed BOP and attached wellhead. Preparing to swab and test well.
10/06/16				Davis swabbed 80 bbls to 2000'. Released Davis workover rig at 2:00 pm. Calling out swab rig early next week with plans to swab and acidize to stimulate formation.
10/07/16				TEC swab rig made 17 swab runs. Initial fluid level 3200'. Recovered 38 bbls fluid. Called Premier to acidize formation.
10/08/16				Premier Pressure Pumping pumped 1500 gallons 15% HCL acid and displace with 4% KCL water. Average pressure - 2750# at 3.5 bpm, max press 3400#.
10/09/16				TEC made 27 swab runs. Recovered 75 BF. Swabbed fluid level to 3800'.
10/10/16				TEC arrived 2:30 pm. Made 12 swab runs. Initial fluid level at 1600' (up from 3800'). Swabbed fluid level down to 2200'. Recovered 48 bbls fluid. Signs of fluid rise after each run and gas blow. Frothy fluid with oil and gas. 1-2% oil-cut.
10/11/16				TEC made 28 swab runs. 105 bbls fluid. 3% oil cut.
10/12/16				TEC made 27 swab runs. 103 bbls fluid. Deepest pull from 4400'. Swab rig released 4:30 pm. Preparing to move up hole.
10/21/16				Delivered 100 3/4" and 7/8" sucker rods to location. Waiting on workover rig.
10/24/16				Delivered 100 3/4" and 7/8" sucker rods to location. Waiting on workover rig.
10/25/16				Waiting on anchors to be set and the workover rig.
10/31/16				TEC workover rig on location this am rigging up. POOH (pulled out of hole) 4484' tubing and AD-1 tension packer covered in oil. Packer manufacturer installed wrong rubbers on packer. Redressing packer tomorrow. Arklatex wireline to set CIBP (cast iron bridge plug) and perforate five different sands tomorrow.
11/01/16				TEC workover rig on location. Arklatex wireline on-site 7 am. GIH (going in hole) with GR (gauge ring)/JB (junk basket) to be sure pipe is smooth and free of debris to set CIBP. RIH and set CIBP @ 4800'. POOH. Tested CIBP to 1000 psi; good test. PU and RIH with perf guns. Perforate at 4572'-75'. 4582'-85'. 4600'-4604'. 4660'-64'. 4676'-78'. POOH RU eline. PU pump barrel and packer and RIH on tubing. Set packer @ 4500' with 16,000 lbs. Nipple down BOPs and nipple up wellhead. Tested backside at 280 psi. RU swab line. Eight swab runs; about 40 bbls fluid. Show of oil and gas. RD 6 pm. Swab more in am.
11/02/16				TEC workover rig on location. Made 6 swab runs down to 3300'. Blew out strong oil and gas. GIH with pump and rods. Hung the well off. RD and released TEC.
11/03/16				Suburban Propane delivered tank. M&D Oilfield roustabout crew to be on location Monday to mount motor on pumping unit. Propane tank to be filled with gas on Tues. Target for well to begin pumping Tues or Wed.
11/07/16				Reagan delivered Waukesha 155 motor. M&D roustabouts to set motor.
11/09/16				M&D roustabouts set motor and propane tank connections. Waiting on propane delivery.
11/10/16				Suburban delivered propane. M&D roustabouts working on pumping unit and motor. Well pumping oil at 3 pm. Zuber well pumping oil into tanks. Left well pumping.
11/11/16				Production Report: Pumped 38 bbls oil and 40 bbls completion water in 12 hours. May take several days to unload completion water. Will be able to provide accurate test once completion water is unloaded.
11/14/16				Well down with radiator leak Friday evening. Will update once repaired and running.
11/29/16				Well returned to production. Produced 8 bbls overnight. Low production due to gas locking issues in downhole pump. Waiting on rig to unset packer to resolve gas locking issue.
12/07/16				TEC workover rig on location. Rig up and pull rods and pump. ND wellhead and NU BOP's. Strong gas blow. Unset packer and pull out of hole with tubing and packer.
12/08/16				TEC workover rig ran tubing, pump and rods in hole. Rigged down. Well pumping.
12/09/16				Well pumping. Produced 27 bbls overnight.
01/26/17				Spot frac tanks on location. Start filling tanks with water and KCl for frac fluid.
01/27/17				Continue filling frac tanks with water and KCl. Total 1940 bbls of fluid.
01/28/17				MIRU TEC workover rig on well. Unhung well, screwed onto standing valve, pull and lay down rods. Nippled down well head, nipped up BOP's. POOH with tubing, pump barrel, perf sub and mud joint.
01/29/17				PU 7-5/8" packer and RIH with tubing. Tested tubing to 6000 psi while RIH. RIH to 4400'. Secure well and Shut down for night. Check well, no pressure. Set 7-5/8" AS1X packer at 4450' with 20,000 tension. Fill casing with 174 bbls of 4% KCL. RU and test csq to 500 psi. good test. RD pump truck. Nippled down BOP's and nipped up well head flange and gate valve.

			Rigged down and shut in for the night.						
01/30/17			Spot CUDD Energy Services frac equipment on location. RU lines and pressure test same. Mix and blend fluid for frac treatment while unloading sand proppant to hopper. Pump frac as per CUDD Energy procedure. Pumped 133 bbls 20# Linear gel fluid. 1383 bbls 20# Bfrac with 98,700# 20/40 White sand proppant. Average rate 16 bpm at 4538 psi. Frac gradient .85 psi/ft. ISIP - 1936 psi, 5 min - 1789 psi, 10 min - 1786 psi, 15 min - 1770 psi. Shut in to allow KCL (gel) to break. Flowback late morning on 1/31/17.						
01/31/17			Opened well to pit at 11 am. Unloading steady stream of frac fluid with a little gas and trace of oil. By afternoon oil cut increased and still flowing. Switched from pit to tank and continue unloading well.						
02/01/17			Continue to unload well to tank. Recovered 50 bbls fluid. Estimated 10% oil cut.						
02/02/17			Continue to unload well to tank. Recovered 15 bbls fluid. Total recovery 65 bbls. Estimated 10% oil cut.						
02/03/17			Well stopped flowing. Total recovery 70 bbls. Shut-in well.						
02/07/17			MIRU TEC workover rig. Nipped down well head. Nipped up BOP's. Release packer and POOH with tubing. Lay down packer. Pick up pump barrel, perf sub and mud joint. RIH with same and production tubing. Verify perfs are clear. Hang off tubing, N/D BOP's and N/U well head. PU and RIH with pump and rods. Hang off rods. Shut down for night.						
02/08/17			Rig crew on location at 7 am. Nipped up flowline, rigged down rig, cleaned location. Adjusted belts on pumping unit. Well pumping at 11 am.						
02/09/17			Well pumped 143 bbls fluid in 20 hrs with 5-10% oil cut. Oil cut increasing.						
02/10/17			Well pumped 125 bbls fluid. Oil and gas increasing.						
02/21/17			Propane deliveries not keeping up with useage resulting in well not pumping continuously. Attempting to convert to nat gas to pump well but high pressure pushing oil into gas line shutting down motor. Ordered scrubber (oil pot) to remedy oil in gas line. Propane delivered late afternoon and well put online.						
02/22/17			Well produced 55 bbls fluid overnight.						