

Indian Basin 25 Federal #2

DATE	Remarks
4/6/07	MI RU Reverse Unit Rack and tally 310 jts 2 3/8 L-80 tbg (trucker tally= 9889.65). Waited 5 hrs on mechanic to repair broken pulling unit. RU PU SION
4/7/07	0 pressure on well. RIH with 6 1/8 used bit - bit sub - 6 3/8 od drill collars - top sub on 100 jts 2 3/8 tubing to 3364'. Displace mud from hole with 143 bbls. 6% KCL water. RIH with 100 joints(200 total) to 6527'. Displace mud with 143 bbls. 6% KCL water RIH and tag up on joint #249 at 8058'. (224' high)Secure well. SD.
4/10/07	0 pressure on well. Rig up to drill out cement. Test 7' csg. To 1000#. Held. Clean out cement from 8058' to TOL at 8272'(224'). CHC. Test liner top to 1000#. Held. POOH with 256 joints 2 3/8 tubing - 3 1/8 drill collars and 6 1/8 bit. Rih with 3 3/4 bit - bit sub - 6 3/8 drill collars top sub on 9 stands 2 3/8 tubing. Secure Well. SD due to wind.
4/11/07	0 pressure on well. Continue to RIH with 3 3/4 bit - drill collars and tubing. Tag up at 8272'. Hook up to drill Establish circulation Drill cement from 8272' to 8285'(13'). RIH to 8344'. CHC. Test to 1000# Held. POOH laying down 4 joints 2 3/8 on racks.(8221'). Secure Well. SD due to wind.
4/12/07	0 pressure on well. RIH and tag up at 9565'. Rig up swivel. Establish circulation. Clean out from 9565' to 9639'(.74'). CHC. Test casing to 1000#. Held. Displace hole with 340 bbl. 6% KCL water. POOH with 299 joints 2 3/8 tubing. Lay down drill collars. RIH with 3 3/4 bit - 4 1/2 casing scraper on 305 joints 2 3/8 tubing to 9639'. POOH laying down 5 joints tubing on racks. Stand 20 stands in derrick.(8222'). Secure Well. SD.
4/13/07	0 pressure on well. Finish POOH with 130 stands 2 3/8 tubing. Lay down bit and scraper. RIH with Baker dress off mill for 4 1/2 liner top on 262 joints 2 3/8 tubing Hook up swivel. Dress off liner top. Rig down swivel. POOH with 262 joints 2 3/8 tubing and dress off mill. Nipple down BOP. Install Frac Valve and BOP. Secure Well. SD.
4/14/07	0 pressure on well. Rig up Halliburton wireline truck. RIH w/CBL tool and log well from 9634'(wireline depth) to 4100'.(top of cement ?)POOH with CBL. Bond showed good to fair bond except from 8750 to 8272 (poor). RIH with 3 1/8 od perforating gun loaded with 25 gr. Millenium charges(.45 entry hole - 27" pent.) and shot the "Morrow" formation from 9490-98, 9522-30, 9573-76, 44 holes @ 2 SPF. POOH and rig down Halliburton. Secure Well. SD.
4/17/07	Rig up Halliburton. Frac the "Morrow" formation with 42,000 gal of CO2 Foam consisting of 40# Water Frac CMHPG and 70% CO2 carrying 38,000# Versa prop at 40 BPM. Max press = 5488# Avg. press = 4653#. Max Rate = 42.2 bpm, Avg Rate = 13 bpm. Total CO2 115 downhole, 9 tons cool down. ISIP = 4743#. 15min SIP= 4038. Flush Frac to Formation. Spotting 2,000 gal. 7.5% HCL acid across Strawn formation. Total Load 237 bbls. SI well leaving pressure on well. Rig down Halliburton and Stinger. Rig up Halliburton wireline w/ full lubrator and grease. RIH with 4 1/2 composi BP - 3 1/8 od perf gun and collar locator. Corrolate BP on depth and set at 9210'. Bled pressure from 3539# to 2700#. BP held OK. Corrolate gun on depth and shot the "Strawn" formation with 27 gr. Millenium charges (.45 EH -- 27" pent.)@8814-8824 (22 holes) POOH with wireline and RD wireline truck. Hook up Stinger and Halliburton and Frac the "Strawn" formation with 16,000 gal of CO2 Foam consisting of 40# Water Frac CMHPG and 70% CO2 carrying 12,000# Versaprop Max Press = 5551# Avg press 5221#. Max Rate = 37.5 bpm Avg rate = 23.8. used 70 TONS CO2 downhole w/ 5 tons cooldown.
	ISIP=4198# 15min 3795# Flush to top perf. TBLWTR + 284 bbls.Close well in. RD Halliburton and stinger. Opens well to Flowback tank @ 7:00 pm on 10/64 choke w/ 3825# pressure. At 6:00 am flowing press 2500# on 14/64 choke. Total recovered 35 bbls. Lack 249 bbls load. Con't backflowing.
4/18/07	Con't backflowing well. At 6:00 am 4-18 flowing press= 650# (press holding between 700# and 650# for last 18 hrs) CO2count +10%. Flowing well on 14/64 choke. Rec'd 28 bbls load. TBLWTR = 221. Con't backflowing well.
4/19/07	Well flowing at 650# on 14/64 choke. Close well in at 7:00 am. to let sand settle. Wait on Halliburton till 11:00 am. Rig up Halliburton Wireline truck . RIH with Junk Basket and 3.750 gauge ring. Could not get gauge ring into liner top POOH had sand in junk basket. RIH with 3 1/8 sinker bar. Could not work into liner top. POOH. Rig down Halliburton. Secure Well. SD.
4/20/07	750# SICP Rig up Pro Slick line truck. RIH with 1 3/4" bailer on slick line. Tag up at 8190'(82' above TOL). Work bailer and POOH. Empty sand from bailer. RIH with Pressure bomb to 8180'. POOH with bomb. Rig down Pro. Secure Well. SD till Monday due to Halliburton cancelling job for today.
4/23/07	Shut down. Wait on Halliburton. Report for 4-20-2007
4/24/07	950#SICP RU Halliburton coil tubing unit. RIH with Baker 3 3/4od cutrite mill on mud motor Clean out sand to Composi BP at 9210'. Drill out composite BP in 55 minutes. RIH and clean out to 9643'. CHC. POOH to liner top. Cir. hole for 30 minutes Pump 5 bbls water. Drop ball Circulate nitrogen to surface Close well in and pressure up to 1000#. POOH and RD Halliburton. Secure well. SD.
4/25/07	1450# on csg. RU Halliburton grease equipment. RIH with junk basket and 3.750 gauge ring to 8780' POOH with junk basket and gauge ring. RIH with 2 3/8 WLEG-1.81 F-nipple-4"x2 3/8 tbg sub-4 1/2 Baker EL Hornet packer,on/off tool w/ 1.875 F Nipple. setting tool and collar locator. Corrolate packer on depth and set at 8725'. POOH with setting tool. RD Halliburton. SICP 1450#. Blèed pressure off to flow back pit. Secure well. SD because of wind.
4/26/07	50# on casing. Bleed off pressure RIH with Retrieving head for packer with 1.87 profile on 275 joints 2 3/8 tubing. Space Well out. Latch onto packer. Load backside with 280 bbls 6% KCL water. Test packer to 500#. Held. Nipple down BOP and Frac Valve. Tree Well up. Swab well down to 5000'. Rig up Pro slickline truck. RIH and retrieve equalizing prong and plug in 2 runs. Rig down Pro. SITP 850#. Open well up to flow back pit on 28/64 choke w/ 850# press.at 4:00 PM. Flowed well for 14 hrs to flowback tank. At 6:00AM FTP= 150#, Choke 28/64 Gas rate 709.5 MCFD. Rec'd 93 bbls wtr Con't flowing
4/27/07	Open choke to full to try to unload wtr Well died. SI @ 8:00m am for 2 hrs. TP built to 700#. Flowed well on 10/64 choke for 20 hrs w/ FTP @ 400#. Gas rate = 221 MCFD Rec'd 38 bbls wtr. Cont flowing well RD pulling unit, started off location and unit broke (rear end) Will have repaired at 2:00 PM today Will move to Righthand Canyon 34-1. Moved ad set reverse unit and tank
4/28/07	Flowed well for 24 hrs. At 6:00 AM FTP 280# on 16/64 choke Gas rate 411.6 MCFD. Rec'd 46 bbls wtr. CO2 @ +10%. Cont flowing

4/29/07 Flowed well for 24 hrs. on different choke sizes. SI well and let press build to +_ 700#. Open well after SI and it would take 2 hrs to get fluid to surface Found that 14/64 choke would unload wtr best. At 6:00 AM FTP=320# on 14/64 choke W/ gas rate of 357 MCFD.

4/30/07 Flowed well for 24 hrs on 14/64 choke. FTP 320# to 380# Gas rate @ 6:00 AM 424 MCFD. Rec'd 30 bbls wtr CO2 @ 8%. Con't flowing well

5/1/07 Flowed well for 24 hrs on 14/64 choke with FTP between 350# & 400#. Gas rate at 6.00 AM 424 MCFD. Rec'd 21 bbls wtr. Con't flowing well.

5/2/07 At 7:00 AM open choke to 20/64. At 1:00 PM, FTP= 200# Gas rate 468 MCFD w/ no fluid rec'd. Open choke to 24/64 and flowed till 7:00PM. FTP=90# to 200#. Gas Rate 210 to 468 MCFD, Rec'd 13 bbls wtr. At 8:00 PM open choke to 28/64 and flowed till 6.00 AM. FTP = 95# to 200#. Rec'd 7 bbls fluid. CO2 level @ 6%. Con't flowing well.

5/3/07 At 6:00 AM choke 28/64 FTP=95#, Rate 223. At 12:00 noon closed choke to 24/64. TP=90# Rate=306 MCF made 6 bbls wtr last 6 hrs. At 4:00 PM FTP=100# on 24/64 choke w rate 340 MCFD. Last 4 hrs made 3 bbls wtr. SHUT IN well at 4:00 PM 5-2-07 for buildup.

5/4/07 0 SITP that was reported yesterday was in error. Correct SITP = 1775. Open well on full 1" manifold valve. Tbg press dropped to 0 in 7 mins. Started unloading fluid. Rec'd 3 bbls. Press built to 300# after fluid unloaded. Closed choke to 48/64 and TP built to 200#. Flowed well till 5:00 PM. Shut well in with 60# FTP, gas rate 869 MCFD. Had not made any more fluid.

5/5/07 SITP=1500#. Open well on 48/64 choke for 5 hrs. Rec'd 3 bbls fluid. CO2 7% Shut well in for weekend. Will change out flowback hands. No report receivd.

5/7/07 SITP=1975#

5/8/07 SITP=1975#. open well up on 36/64 choke Flowed well for 24 hrs . FTP @ 6:00 AM 110#. Gas rate = 881 MCFD. Rec'd 56 bbls wtr. CO2 @ 6%

5/9/07 Flow well for 24 hrs on 36/64 choke. Gas Rate = 801 MCFD. Rec'd 30 bbls fluid. CO2 = 5%. Con't flowing. SI Well, W/O PL.

9/12/07 Put Well On Line

	OIL	WTR	GAS	TBG
9/12/07	1	15	204	66
9/13/07		14	202	65
9/14/07		11	200	66
9/15/07		12	198	67
9/16/07		25	196	67
9/17/07		9	193	69
9/18/07		11	191	65
9/19/07		10	188	66
9/20/07		10	186	66
9/21/07		9	183	66
9/22/07		10	180	68
9/23/07		10	178	68
9/24/07			176	65
9/25/07		9	174	67
9/26/07		9	174	66
9/27/07		8	172	66
9/28/07		9	171	66
9/29/07		9	169	70
9/30/07		18	168	66
10/1/07		2	166	66
10/2/07		10	165	65
10/3/07		7	165	68
10/4/07		8	164	62
10/5/07		8	163	62
10/6/07		16	162	62
10/7/07		25	161	62
10/8/07		9	158	60
10/9/07		8	158	64
10/10/07		6	157	32
10/11/07		8	156	63
10/12/07		8	155	60
10/13/07		15	154	59
10/14/07		9	153	60
10/15/07		8	150	60
10/16/07		7	150	58
10/17/07		6	149	58
10/18/07		7	148	60
10/19/07		7	147	60
10/20/07		7	146	59
10/21/07		14	145	59
10/22/07		5	137	91
10/23/07		2	129	122
10/24/07		5	146	81
10/25/07		4	141	81
10/26/07	4	4	139	88
10/27/07		7	137	55
10/28/07		6	135	54
10/29/07	1	6	137	59