

WELLBORE SCHEMATIC AND HISTORY

COMPLETION/SCHEMATIC		LEASE NAME: Colton 7 Federal		Well # 1		API.# 30-015-33101		LEASE #		
		TYPE COMPLETION:		SINGLE		DUAL				
GL 3,204' 13 3/8" 48# w/850 sx, circ 13 sx 9 5/8" 40# w/2600 sx, circ 25 sx ***2-3/8" Tbg PKR @ 9,980' CIBP @ 10833' 5 1/2" 17# w/2330 sx, TOC 1710' (TS) 647' 2457' TOC 1710' (TS) 11,550' TD PBTD 11,450'	LOCATION: Surface: 1250' FNL & 2170' FWL, Sec 7, T21S-R27E; TD: 1245' FNL & 1681' FWL									
	TD 11,550'		PBD 11,450'		KB 3,236'		From Log			
	COD		DOD		GL 3,204'		From Log			
	NO. PROD. WELLS ON LEASE				FLOWING		PUMPING			
	ZONE TO BE WORKED ON:						CURRENT COMPLETION ZONE:			
	CSG. PERFS: 10,014'-20', 10,117'-26', 10,180'-84', 10,221'-30', 10,905-909', 11,102-115', 11,143-149', 11,159-170', 11,184-190' 6 SPF						Strawn			
	11238'-42' 11248'-58' 11268'-75' 11306'-11' 11361'-71'						OPEN HOLE :			
	CURRENT TEST (SHOW DATE)									
	4/24/2006 0 BO + 0 BW + 848 MCF									
	7/15/2007 0 BO + 0 BW + 2 MCF									
CASING BREAKDOWN										
SURF. 17 1/2" hole		SIZE: 13 3/8" 48#		w/850 sx, circ 13 sx		DEPTH		647'		
INTER. 12 1/4" hole		SIZE: 9 5/8" 40#		w/2600 sx, circ 25 sx		DEPTH		2457'		
PROD. 8 3/4" hole		SIZE: 5 1/2" 17#		w/2330 sx, TOC 1710' (TS)		DEPTH		11,549'		
WELL HISTORY										
07/15/05 Spud. 10/11/05 Completed in Morrow. Perf'd Lower Morrow 11361'-371' OAL (66 holes). Frac'd w/23,000 gal foamed 45# gelled 7% KCL w/CO2 +195,000# 15/40 Versaprop dn csg. Perf'd Morrow 11238'-311' OAL. Frac'd w/100,000 gal foamed 45# gelled 7% KCL w/CO2 _ 73,200# 18/40 Versaprop dn 5 1/2" csg. 12/05/05 1st sales @ 3 pm, TP 3150 CP 700 FR 1.5 MCF open on 16/64" choke. 12/07/05 24 hr flow TP 1500 CP 900 LP 489 CK 17 FR 1423 MCF, 127 BO + 0 BW + 1459 MCF. 12/13/05 24 hr flow TP 540 CP 900 LP 475 CK W/O FR 1921, 0 BO + 129 BW + 1870 MCF. 11/28/06 SBHP 1392# @ 11274'. 02/02/07 Swab total of 165 BW. On size compressor. Dropped total of 9 soap sticks. RTP 2/17/07, EFR 380 MCF LP 575. 02/13/07 SBHP 1596# @ 11274'. 06/01/07 Swab total of 95 BW. 10/09/07 RIH w/1.55" gauge ring to 11446', found Morrow perfs open. 10/29/07 Clear wtr block w/Isosol Treatment. Pumped 4000 gal Isosol acid + 62 tols CO2 (60 tons dn hole, 2 tons cool dn). Never saw a break in formation. 02/13/08 Add Morrow perfs 10,905-909', 11,102-115', 11,143-149', 11,159-170', 11,184-190' 6 SPF. 7.5% Hcl w/methanol acid job. Pull RBP and TIH w/packer and gas lift valves. 11/26/14: Plug back & set CIBP over Morrow. Perforate Strawn & Acidize w/ 5000 gls HCL NEFE Acid.										
Strawn Perfs: 10,014'-20', 10,117'-26' 10,180'-84', 10,221'-30' (6 spf, 168 holes) Morrow PERFED AT: 10905-909, 11102-115, 143-149, 11159-170, 11184-190 6 SPF 11238'-42' } 6 SPF 11248'-58' } 11268'-75' } 11306'-11' } 11361'-71' 6 SPF (66 holes) 11,549'										
PREPARED BY: Laci Luig, Revised by WSK		CREATED: 8/8/2007		UPDATED: 3/21/2014 WSK						