

J.M. State Com 1
Cedar Hills

7-3-74. 7:30 a.m., SITP 1125 psi. Opened up on 24/64" ck, bled down - no fluid. 8:30 a.m., BFL 8000' scattered. 1st run - rec 500' muddy wtr. 2nd & 3rd run - rec est 100' wtr. Continued to swab steady till noon. Recovering 50 - 100' muddy wtr per run. Made 1 run per hr from noon till 4:30 p.m. No recovery. SI. Prep to acidize w/1000 gal 7 1/2% MS w/N₂.

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7-4-74. SITP 1900 psi. Bled off on 32/64" ck. with no fluid flow. BFL 8000' scattered to 9500'. Swabbed dry & can't making 1 run per hr w/very little recovery till 6:00p.m. Est gas rate 150 MCFPD. Acidized w/1000 gal 7 1/2% MS acid w/1000 SCF N₂ bbl. Pumped 5000 SCF N₂ pad ahead of acid. Max. Min. & Avg. tbq press. 5500 psi. Rates: acid 3 BPM + N₂, flush 2.6 BPM + N₂. Avg 2.75 BPM + 1.92 BPM N₂ = 4.67 BPM. ISDP 4900 psi, 5" SDP, 4400 psi, 10" SDP 4100 psi. Total load to recover 61 bbl. Opened on 32/64" ck. 7:15 p.m. SITP 3625 psi.

TIME	CK	FTP	RECOVERY
9:00 p.m.	32/64"	0	wtr + gas
11:30 p.m.	32/64"	0	wtr + gas
1:00 a.m.	32/64"	0	gas + small wtr
3:00 a.m.	32/64"	0	wtr. inc.
6:00 a.m.	32/64"	30	wtr. steady
8:00 a.m.	32/64"	50	wtr. dec opened to 48/64" ck.
9:00 a.m.	48/64"	70	wtr. dec gas inc.

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7-5-74.

TIME	CHOKE	FTP	RECOVERY
11:30 a.m.	3/4	30	6 BW/hr
6:00 p.m.	3/4	20	6 BW/hr. Closed to 24/64" ck. Left flowing overnite.

7-6-74.

7:30 a.m.	24/64	210	6 BW/hr. Gas 150 MCFPD
9:30 a.m.	18/64	400	6 BW/hr. Gas 1500 MCFPD
11:30 a.m.	18/64	310	6 BW/hr. Gas decreasing
3:30 p.m.	24/64	310	6 BW/hr. Gas 1500 MCFPD
7:30 p.m.	24/64	310	5 BW/hr. Gas 1900 MCFPD.

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7-7-74.

TIME	CHOKE	FTP	RECOVERY
6:00 p.m.	24/64	310	1-5 BW/hr. Gas 1700 MCFPD
7-8-74.			
8:00 a.m.	24/64	310	No wtr in last 14 hrs. Gas 1900 MCFPD.

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7-8-74. At 10:15 a.m., closed to 12/64" ck. Stabilized in 2 hrs (12:15 p.m.) @ 610 psi FTP & 418 MCFPD gas rate. Plan to continue flow till 7-9-74 a.m. & if no major change in flow characteristics prep to acidize w/5000 gal 7 1/2% MS acid + N₂.

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7-9-74. 8:00 a.m., FTP 610 psi. Sep. 610 psi. 12/64" ck. 3 BW in 24 hrs. 418 MCFPD. Prep to acidize w/7 1/2% MS + N₂. Rigged up Western to acidize w/5000 gal 7 1/2% MS + 1000 SCF N₂/bbl w/5000 SCF N₂ pad ahead of acid. Sttd treatment @ 9:41 a.m. and completed @ 11:10 a.m. Min ttg press 1800 psi, max 5700 psi, Avg 5400 psi. Inj rate - acid 2.0 + 1.8 N₂ Total 3.8 BPM, Flush - 2.1 wtr + 1.7 N₂ total 3.8 BPM, Avg - 2.0 fluid + 1.8 N₂ total 3.8 BPM. ISDP 4700 psi, 10" SDP 4300 psi. Total load to rec 158 bbl. Opened well @ 11:20 a.m. TP 4000 psi on 24/64" ck. Bled to 1500 psi. Opened on 1/2" ck. Well dead @ 3:00 p.m. BFL 2000'. Swbd till 7:00 p.m. FFL 8500'. Very good gas blow after each swab run. SD for nite.

7-10-74. 7:30 a.m., SITP 2100 psi. Opened on 24/64" ck. 8:00 a.m., FTP 280 psi. Opened on 3/4" ck. TP 40 psi. Well unloading wtr. Not enough press to turn to sep.