

JM State Com 1
Cedar Hills 6 21

Con't to swab, 1 run/hr, till 5:00 p.m. Rec 150-200' per run. Gas inc during day. SI @ 5:00 p.m. Western Co unable to get equipment to well to acidize.

JM State Com 1
Cedar Hills 6 22

6-21-74. SITP 500 psi. BFL 9000'. 1st run - 500' wtr, 2nd run - 50'. Strong gas blow after swab. RU Western to acidize w/1000 gal 7 1/2% MS + 1000 SCF N₂. Flushed w/ 2% KCl & N₂. Total load 86 bbl. Treating press - min 4200 psi, max 6150 psi, avg 5500 psi. Rate on acid .60 w/N₂ = 0.9 BPM. Same rate on flush. Lacked 2 bbl acid when received press break. ISDP 3800 psi. 5" SDP 3200 psi. 10" SDP 2800 psi. Opened at 10:30 a.m. on 1/2" ck. Bled back N₂ & wtr till 12 noon. Well dead. Sttd swbg. BFL scattered from 6500' to 8200'. Rec 1200' wtr. FL con't to rise to 5500' at 2:00 p.m. Swbd till 6:30 p.m. FL 5500'. SD for nite. Good gas blow w/wtr.

JM State Com 1
Cedar Hills 6 23

6-22-74. SITP 550 psi. BFL 4500'. Swbd from 7:30 a.m. till 5:30 p.m. FFL 5500'. Strong gas blow w/wtr.

JM State Com 1
Cedar Hills 6 25

Prep to run tracer survey this a.m.

JM State Com 1
Cedar Hills 6 26

Ran Tracer Survey. Indicated wtr to be coming from perforations 11,552'-11,562'. Prep to abandon this zone.

JM State Com 1
Cedar Hills 6 27

SITP 10 psi. Killed well w/32 bbls brine. Unseated pkr. Circ hole w/125 bbls brine. Rec. est 20 BC from Strawn. Pulled out of hole. SD for nite.

JM State Com 1
Cedar Hills 6 28

6-27-74. Set CIBP @ 11,546'. Ran tbg & pkr to 11,490'. Displaced tbg fluid w/N₂ & set pkr. Perf 2 jet shots/ft from 11,531'-11,538'. SD for nite.

6-28-74. Zero SITP. No fluid in hole. Sttd acid job @ 7:55 a.m. 1000 gal 7 1/2% MS w/N₂. Min ttg press 5200 psi. Max press 5800 psi. Avg press 5700 psi. No formation press break. Gradual build up thru job. Ttg rate on acid 3 BPM + 2.1 BPM N₂. Ttg rate on flush 2 BPM + 1.4 N₂. ISDP 4000 psi, 5" SDP 3000 psi, 10" SDP 2500 psi. Flushed w/2% KCl wtr. Total load 86 bbl. Opened to pit @ 8:45 a.m. w/2000 psi SITP. Bled back flush & acid wtr. Nearly dead at noon. Prep to stt swab. Sttd @ 1:00 p.m. BFL 5500'. Swbd acid wtr 1st run. FL 57-5800'. Con't to swab.

6-29-74. EFL 5600' - no gas - wtr. clean. This a.m., 13 hr SITP 100 psi. Csg slight blow - BFL 4800'. Prep to pull tbg.

JM State Com 1
Cedar Hills 6 30

6-29-74. Swbd till 2:00 p.m. FL 5000'. Loaded tbg w/10# brine. Unseated pkr. Circ hole w/110 bbl 10# brine. Pulled 2 7/8" tbg. SD for nite.

JM State Com 1
Cedar Hills 7 1

No operations 6-30-74.
This a.m., prep to finish out of hole w/tgg.

JM State Com 1
Cedar Hills 7 2

Finished out of hole w/tbg. Loaded hole w/10# brine. Set CIBP @ 11,510'. Dumped 1 sk cmt on top of CIBP w/dump bailer. Sttd in hole w/tbg conveyed perf guns.

JM State Com 1
Cedar Hills

7-2-74. Went in hole w/tbg conveyed perf guns (tbg detail later). Ran correlation log, spaced guns to shoot from 11,455' to 11,468'. Took 1 hr to set pkr & had slight tbg blow during & after pkr set. Believe to have been caused by equalizing valve partially open. Ran swab & found FL @ 6500'. Swbd down to 9500'. Waited 1 hr. Re-ran swab. Found FL still @ 9500'. Detonated guns @ 11:57 a.m. Slight blow for 2 hrs. Ran swab. FL @ 7200' gas cut. 2nd swab run FL 8200'. No rec, swab cups ruined. Cont to swab until 6:30 p.m., FFL 9400'. Rec small amount of muddy wtr w/fair blow after each run.