

JM State Com 1  
Cedar Hills

June 3

Strawn CAOF test as follows:

RATE	CK	FTP	GAS RATE MCF
1	10/64	2278	931
2	13/64	1844	1718
3	15/64	1604	2005
4	18/64	1416	2140

No fluid measured.

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Strawn - FTP 700 psi., 16/64" ck., 720 MCFPD, 36 BC, 75 BW. Pumped 30 bbl 10# brine down 2 3/8" tbg to kill Strawn. Rigged up Horne Wire Line. Opened sliding sleeve. Circ w/105 bbl 10# brine. Well dead. Pulling 2 3/8" tbg. Finished out of hole w/2 3/8" tbg. Unseated pkrs. Pulled 34 stds. SD for nite. Finished out of hole this a.m.

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Ran 2 3/8" & 2 7/8" tbg w/pkr. Set pkr at 11,380'. 1 jt of tail pipe below pkr. Tbg landed at 11,410'. Prep to run tracer.

Strawn - CAOF on 6-1-74 was 2801 MCFPD w/gas liquid ratio of 18.89 MCF per bbl. 48 hr SI BHP was 4060 psi at 10,380' on 6-1-74.

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Attempted to run Schlumberger Tracer survey. Logging tool below radioactive injection pump would not function properly. Prep to run Western Co. Tracer survey this a.m.

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Western Co. equipment experienced mechanical trouble. Arrived loc. at 5:00 p.m., attempted to run tracer survey until 10:00 p.m. - Unsuccessful. SD for nite. This a.m., prep to attempt survey with new tool.

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Ran Western Co. Tracer Survey. Results indicated radioactive material entered perf (11,552-11,562'), went down outside of liner & entered zone at 11,608' while ppg at 1/4 BPM at 2400 psi. Repeated above results under same conditions. Re-ran survey at 1/2 BPM at 2400 psi and radioactive material followed same path but entered zone at 11,612'. ISIP 1500 psi, 10" SDP vacuum. Prep to squeeze cement perfs to eliminate channel to lower zone. POH w/Uni VI Packer & 2 7/8" N80 tbg- SD for nite. GIH w/Howco EZ Drill Retainer to squeeze.

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6-8-74. Picked up Howco cement retainer. Ran on tbg & set @ 11,228'. Cemented w/100 sx Class II, 3/4% CFR<sub>2</sub>, 3# salt/sx. Pumped 20 sx in formation pressure increased to 4000 psi. 5 min SD pressure 2800 psi. Pumped up to 4000 psi. & held squeeze for 10 min. Reversed out 45 sx cement. Slurry wt 16.5#/gal. Pulled tbg. SD for nite.

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6-9-74. No operations. This a.m., prep to commence drill out operations.

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6-11

Strawn CAOF - 2801 MCF. Ran 3 7/8" bit, 4 1/2" scraper, 4 - 3 1/8" drill collars & tbg to 11,228'. Drld to 11,329'. SD for nite.

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Drld cement at 11,572'. Ran tbg & bit to PBTD of 11,634'. Circ hole clean. Pulled out of hole. This a.m., running pkr & tbg.