

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name Humble Oil & Refining Company				Address Box 2347 - Hobbs, New Mexico			
Lease South Four Lakes I	Well No. 4	Unit Letter 0	Section 35	Township 11-S	Range 34-E		
Date Work Began 9-19 thru 11-23-59				Well Four Lakes Pennsylvanian		County Lea	

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input checked="" type="checkbox"/> Other (Explain): Recompletion from Devonian gas well to Penn. oil well.
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	

Detailed account of work done, nature and quantity of materials used, and results obtained.
 Perforated 7" csg. 12790-12800' w/ 2 jet shots/ft. Acidized perforations 12710-12760, 12780-12800 w/ 15000 gals 15% acid. IP 4000# at 2.5 BPM. FP 4300#. Acidized perf. 12710-12760, 12780-12800 w/ 15000 gals. 15% acid @ 4.8 BPM. IP 0#, FP 2700#. SI after 5 min. 650#. Ran tbg. and bit, drilled cmt. to 12880'. Ran and set Baker prod. packer @ 12660'. Ran tbg in hole. Perforated 7" csg. 12842-12875', 12830-12836' w/ 2 jet shots per ft. Pulled tbg. stop, opened circulating sleeve at 12628'. Ran 290' of 1" aluminum extension hanger. Set @ 12888'. Tested hanger seals & 2" tbg. w/ 2000#. No drop in pressure. Made six unsuccessful attempts to squeeze perf. 12710-12875 but well went on vacuum each time clearing perforations. Mixed 45 sx 12% gel cmt. w/240# Gilonite. Spotted cmt. Obtained squeeze pressure of 2700#, while pumping 15 sx into formation. Culled 1" tbg. extension, closed Otis sleeve, set Otis collar stop at 12565'. Fished collar stop out. Opened circulating sleeve at 12628'. Ran 159' of 1" steel tbg. set at 12754'. Acid washed cmt. plug w/ 5 batches of 120 gals. each. Reversed out spent acid after each batch. Acid washed w/ 2 batches of 4 bbls. each. Went in hole w/ Star bit and found bottom at 12791, Acid washed cmt. w/a total of

Witnessed by	Position Field Superintendent	Company Humble Oil & Refining Co.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

DF Elev.	TD	PBTD	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

