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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Sinclair Oil & Gas Company		Address 520 E. Broadway, Hobbs, New Mexico	
Lease T.D. Pope	Well No. 7	Unit Letter K	Section 36
		Township 14S	Range 37E
Date Work Performed see below	Pool Denton	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☐ Plugging
 ☒ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

7-16-63 12611 PHTD-Devonian-moved in DDU. Set CI Bridge Plug @ 12490 & CI Cement Retainer @ 12250. Squeezed Devonian perfs 12302-34 & 12352-90 w/200 sks cement, Max Press 7000, reversed out 15 sks.

Drilled out & tested, did not squeeze, was able to pump into perfs w/5200 lbs @ 1 1/2 BPM. Set CI Retainer at 12250 & re-squeezed perfs w/100 sacks cement, Max Press 7000, reversed out 42 sks.

Drilled out cement & retainer, tested w/5000 lbs and tested OK. Jet perforated w/4 holes @ 12476 for protective squeeze. Set CI retainer @ 12442 & squeezed perfs 12476 w/50 sks cement, Max Press 8000, reversed out 30 sks.

Jet perforated Devonian Zone with one 1/2" hole @ 12317, 319, 323, 325, 329, 331, 335, 337, 341, 343, 363, 365, 369, 371, 377, 379, 381, 383, 391, 393, 399 & 401.

Mud acid washed perfs w/1000 gals, Max Press 5600, Min Press 5000, inj rate 1.7 BPM, tested swabbing 3 bbl raw oil & 2 bbl formation water per hr.

Acidized perfs w/1500 gals LPW acid, Max Press 5000, Min Press 3500, inj rate 2.6 BPM, tested swabbing 3 bbl load oil & 2 bbl formation water per hr.

(cont'd back side of sheet)

Witnessed by	Position	Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

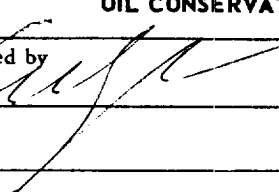
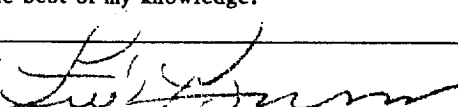
D F Elev. 3811	T D 12640	P B T D 12611	Producing Interval	Completion Date 6-24-54
Tubing Diameter 2"	Tubing Depth 12520	Oil String Diameter 5-1/2"	Oil String Depth 12639	

Perforated Interval(s)
12302-34 & 12352-90

Open Hole Interval -	Producing Formation(s) Devonian
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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	7-1-63	0	0	0	-	-
After Workover	8-8-63	182	531	26	292	

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 		Name 	
Title		Position Dist. Supt.	
Date		Company Sinclair Oil & Gas Company	

Orig:2cc: OCC; cc:File, RFS, (Shell Oil, Redfern Oil, Hord Oil & Gas, Companies)

Acidized parts w/18000 gals w/THAX additive in 3 stages of 6000 gals each followed by 150 lbs 120 grade & 8 ball sealers in each stage. Max Press 8000, Min Press 6800, Inf rate 2.7 BPM, 10 min SIP 3100.

Ran 2" tubing and hydraulic pumping equipment to 12026 and placed well on pump.

12/12/2PBT - Devonian - on potential test ending 6:00 AM 8-8-63, pumped 162 bbls new
KYLE 47.0 gravity oil and 26 bbls formation water in 24 hours. GOR 292 to 1.
Recompleted in Devonian zone thru perforations 12317-12401. Production raised
from 0 bbls oil per day to 162 bbls oil per calendar day.