

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS OFFICE 000

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

COMPANY (Continental Oil Co.) RECEIVED SEP 13 AM 10:15
(Address)

LEASE Lockhart A-37 WELL NO. 1 UNIT 2 S 27 T 21S R 37E
DATE WORK PERFORMED 6-12-55 POOL Drinkard Oil - Tubb Gas

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other Dual Completion

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

Work Done: Perforated 7" casing in the Drinkard from 6420-54, 6462-86, 6500-18; acidized perforations with 2,000 gals 20% acid, 200 gals gel block, 4,000 gals 20% acid. The Tubb well was perforated from 6040-88, 6100-32, 6160-76; acidized perforations with 2,000 gals 15% LTHB acid, 500 gals 15% LTHB acid, sandfraced with 10,000 gals 60% oil with 1# sand per gal.

After: Drinkard: Pay Drinkard 6420-6564, perforations 6420-54, 6462-86, 6500-34, 6534-48. Flowed 52 bbls oil, no water, in 24 hrs thru 32/64" choke on 2-1/2" tubing, TP 508, no GP, gas volume 227.5 MCFPD, GOR 4375. Allowable 32 bbls. Tested 6-11-55.

Tubb: Pay Tubb 6040-6176, perforations 6040-88, 6100-32, 6160-76. Calculated open flow potential 4050 MCFPD. GIP 2037.2 PSIA. Deliverability at 150 PSIG is 4015, deliverability at 400 PSIG is 3625 MCFPD. Estimated daily allowable is 428 MCFD. Probable PL Conn. El Paso Nat Gas Co. Workover started 5-10-55, completed 6-8-55, tested 6-12-55.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3409 TD 6569 PBD Prod. Int. 6534-64 Compl Date 3-8-47
Tbng. Dia 2-1/2 Tbng Depth 6559 Oil String Dia 7 Oil String Depth 6569
Perf Interval (s) 534-48, 6554-61
Open Hole Interval Producing Formation (s) Lima

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>3-7-54</u>	<u>Oil: 6-21-55</u> <u>Gas: 6-12-55</u>
Oil Production, bbls. per day	<u>55</u>	<u>52</u>
Gas Production, Mcf per day	<u>279</u>	<u>428</u>
Water Production, bbls. per day	<u>0</u>	<u>0</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>5064</u>	<u>4375</u>
Gas Well Potential, Mcf per day	<u> </u>	<u>4050</u>
Witnessed by <u> </u>		

(Company)

OIL CONSERVATION COMMISSION

Name *Ch. Linder*
Title Engineer District I
Date SEP 16 1955

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name *W. B. Allen*
Position District Superintendent
Company Continental Oil Company