

LOCKHART B-31 LEASE, SEC. 31-22-36
LEA COUNTY, NEW MEXICO
WELL COMPLETION AND PRODUCTION DATA

Well No. 1

Elevation: 3628'

JALHAT

Completed, 3-21-29, @ TD 3990' for IP of 250 BOPD, w/500 MCF gas. 7" csg @ 3344' w/60 sec.

Pay: 3825' to 3970'

Open Hole: 3344' to 3990'. Yates & Seven Rivers.

On 5-9-55, tested: 17 BO, 29 BW, 465 MCF in 24 hours
GOR 27,353

May Allowable: 4 BOPD. May Production 4 BOPD, 29 BWPD.

Well No. 2

Elevation: 3622'

JALHAT

Completed, 9-30-37, @ TD 3872' for an IP of 93 BOPD
flowing thru 25/64" choke w/1200 MCF gas.
5 1/2" csg @ 3774' w/150 sec.

In April, 1940, Exner-Dodge set @ 3788' with side-door
choke approximately 40' higher. Tested 79 BO/18 hours
and GOR 2171.

Pay: Open hole, 3788' to 3872'. Seven Rivers

Gas Well

On 5-8-55, tested 2115 MCF gas, 1 BO, Trace Water.
GOR 2,115,400. May Allowable: 1 BOPD. May Production
1 BOPD, no water, 1369 MCF gas.

Well No. 3

Elevation: 3635'

Completed, 11-17-37, @ TD 3924' for IP of 108 BOPD
thru 60/64" choke with est. 25,000 MCF gas.
7" csg @ 3773'.

Completed as shut-in gas well.

In attempt to block off gas, tools dropped in hole and
new hole whipstocked @ 3667' to new TD 3967'. 5 1/2" liner
@ 3903'. Prod. thru open hole and perforations, 3790-3805".
Recompleted for IP of 53 BOPD thru 3/4" choke by gas lift,
2-25-39. Pay: 3790' to 3967'. Seven Rivers.

On 5-3-55, tested: 3 BO, 12 BW, 58.7 MCF gas in 24 hours,
flowing. May Allowable: 5 BOPD. May Production: 3.5 BOPD
11.5 BWPD.

*Continental Oil Company
Exhibit No 2
Case No 928*

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Well No. 4

Elevation: 3629'

SOUTH HUNTER

Completed, 11-29-38 @ TD 3874' for IP of 1680 BOPD,
no water, thru 3/4" choke with GOR 320.
5 1/2" csg @ 3796' w/200 sz.
Open Hole: 3796' to 3874'. Seven Rivers and Queen.

In April, 1953, plugged back to 3848'. On 6-5-53
production was no oil, no water, small amount of gas.
After 500 gallons acid, failed to recover load and
swabbed dry. Shut-in 7-3-53. Pay: Open Hole: 3796'
to 3848'. Seven Rivers & Queen.

Well No. 5

Elevation: 3637' DE

JALMAT

Completed, 6-2-49, @ PB 3868' (TD 3960'), for IP of
144 BOPD, no water, flowing by gas lift.
5 1/2" csg @ 3958'. Perforations open: 3814' to 3864'.

In October, 1951, drilled out to new PB 3891' and
perforated csg: 3878' to 3886'. Oil increased from
22 to 240 BOPD thru 32/64" choke and GOR 229.
Pay: from 3814' to 3886'. Seven Rivers.

On 5-4-55, tested: 17 BO, 1 BW, 136 MCF gas in 24
hour, flowing. May Allowable: 15 BOPD.
May Production: 15 BOPD. 1 BWPD.

Well No. 6

Elevation: 3644'

JALMAT

Completed 2-2-54 @ TD 3780' for IP of 76,000 MCF gas
daily. SIP: 596. 7" @ 3595' w/400 sz.
Pay: Seven Rivers, from 3595' to 3780'.
(Open hole)

May Allowable: 6739 MCF. May Production: 2929 MCF,
no water. May Net Allowable: -30,795 MCF.

Total Lease Production, Lockhart B-31:

	<u>DAY</u>	<u>DAILY</u> <u>AVE.</u>
727 BO	23.5 BOPD	
1,287 BW	41.5 BWPD	
89,665 MCF	2,892 MCF PD	

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