

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>TEXACO Inc.</b>		Lease <b>C. H. Lockhart (NCT-1)</b>		Well <b>NCCC 2</b>	
Location of Well	Unit <b>D</b>	Sec <b>18</b>	Twp <b>22-S</b>	Rge <b>38-E1960 APR 6</b>	County <b>Lea</b>
Name of Reservoir or Pool		Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Compl	<b>Blinebry</b>		<b>Oil</b>	<b>Art. Lift</b>	<b>Tbg</b>
Lower Compl	<b>Tubb</b>		<b>Gas</b>	<b>Flow</b>	<b>Tbg 24/64</b>

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM March 27, 1960

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>9:15 AM March 28, 1960</u>		
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>0</u>	<u>1560</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>yes</u>
Maximum pressure during test.....	<u>0</u>	<u>1560</u>
Minimum pressure during test.....	<u>0</u>	<u>550</u>
Pressure at conclusion of test.....	<u>0</u>	<u>650</u>
Pressure change during test (Maximum minus Minimum).....	<u>None</u>	<u>1010</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>Decrease</u>
Well closed at (hour, date): <u>2:00 PM March 28, 1960</u>	Total Time On Production <u>4 hrs. 45 min.</u>	
Oil Production	Gas Production	
During Test: <u>34</u> bbls; Grav. <u>45.4</u>	During Test <u>144.8</u> MCF; GOR <u>4259</u>	
Remarks <u>New Mexico Oil Conservation Commission and offset operators notified by letter dated March 22, 1960, prior to initiating tests.</u>		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>7:20 AM March 30, 1960</u>		
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>0</u>	<u>1310</u>
Stabilized? (Yes or No).....	<u>yes</u>	<u>no</u>
Maximum pressure during test.....	<u>0</u>	<u>1315</u>
Minimum pressure during test.....	<u>0</u>	<u>1310</u>
Pressure at conclusion of test.....	<u>0</u>	<u>1315</u>
Pressure change during test (Maximum minus Minimum).....	<u>none</u>	<u>5</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>Increase</u>
Well closed at (hour, date): <u>7:20 AM March 31, 1960</u>	Total time on Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>0</u> bbls; Grav. <u>-</u>	During Test <u>TSTM</u> MCF; GOR <u>- 0</u>	
TSTM - Gas volume was too small to measure with 1/8" orifice and 0-50 psi recorder.		
Remarks <u>Blinebry pay was swabbed prior to running rods and pump. Well failed to pump up during test. Allowable is 9 BOPD.</u>		

I hereby certify that the information herein contained is true and complete to the best of my knowledge. APR 10 1960

Approved \_\_\_\_\_ 19  
New Mexico Oil Conservation Commission  
By \_\_\_\_\_  
Title \_\_\_\_\_

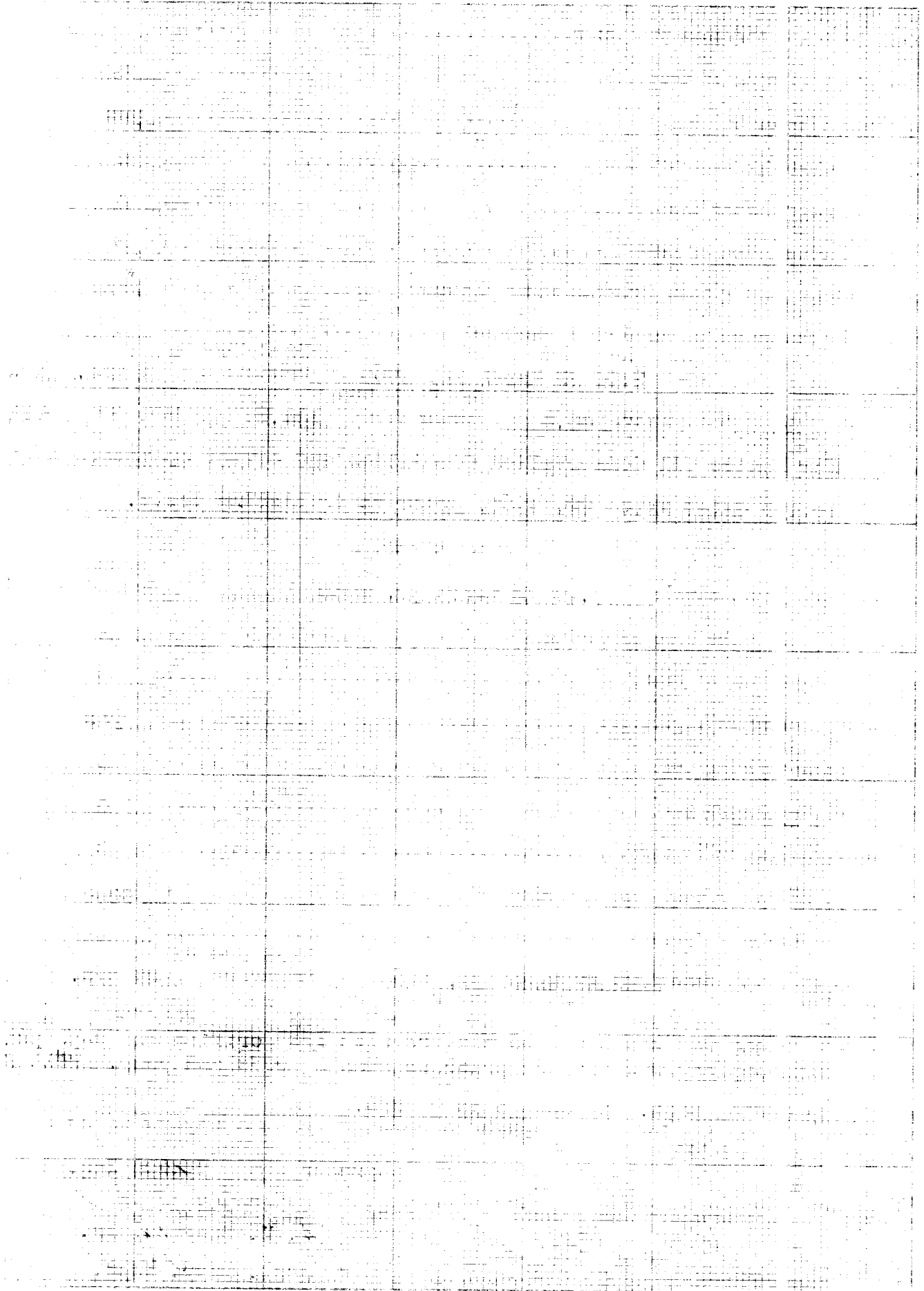
Operator TEXACO Inc.  
By J. G. Blevins, Jr.  
Title Asst. Dist. Supt.  
Date April 4, 1960

Enclosing the action of the [redacted] we also enclose [redacted]  
[redacted] with reference to above.

[illegible]

It is proposed that, during the entire test, there be continuous observation of the test by a recording procedure under the courtesy of which the test is being run, a designated station at least three hours at beginning and end of the test, and a check flow to it.

4. The results of all well-described tests will be listed in ascending order of depth over completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Department of Game and Fish, Bureau of Fish and Wildlife Management, Fishery Management Division, 1000 East Main Street, Santa Fe, New Mexico 87503.

[illegible]

OFFICE 000

NEW MEXICO OIL CONSERVATION COMMISSION 6 PM 36-4356  
SANTA FE, NEW MEXICO

PACKER-SETTING AFFIDAVIT  
(Dual Completions)

STATE OF New Mexico )  
County of Lea ) ss

O. W. Gordon, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by TEXACO Inc. in the capacity of Asst. Prod. Foreman and as such is its authorized agent.

That on March 20, 1960, he personally supervised the setting of a Model "D" Prod. Packer in TEXACO Inc.'s  
(Make and Type of Packer) (Operator)

C. H. Lockhart (NCT-1) Well No. 2, located in Unit  
(lease)  
Letter D, Section 18, Township 22-S, Range 38-E, NMPM,  
County, New Mexico.

That said packer was set at a subsurface depth of 6055 feet,  
said depth measurement having been furnished by wire line.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

TEXACO Inc.  
(Company)

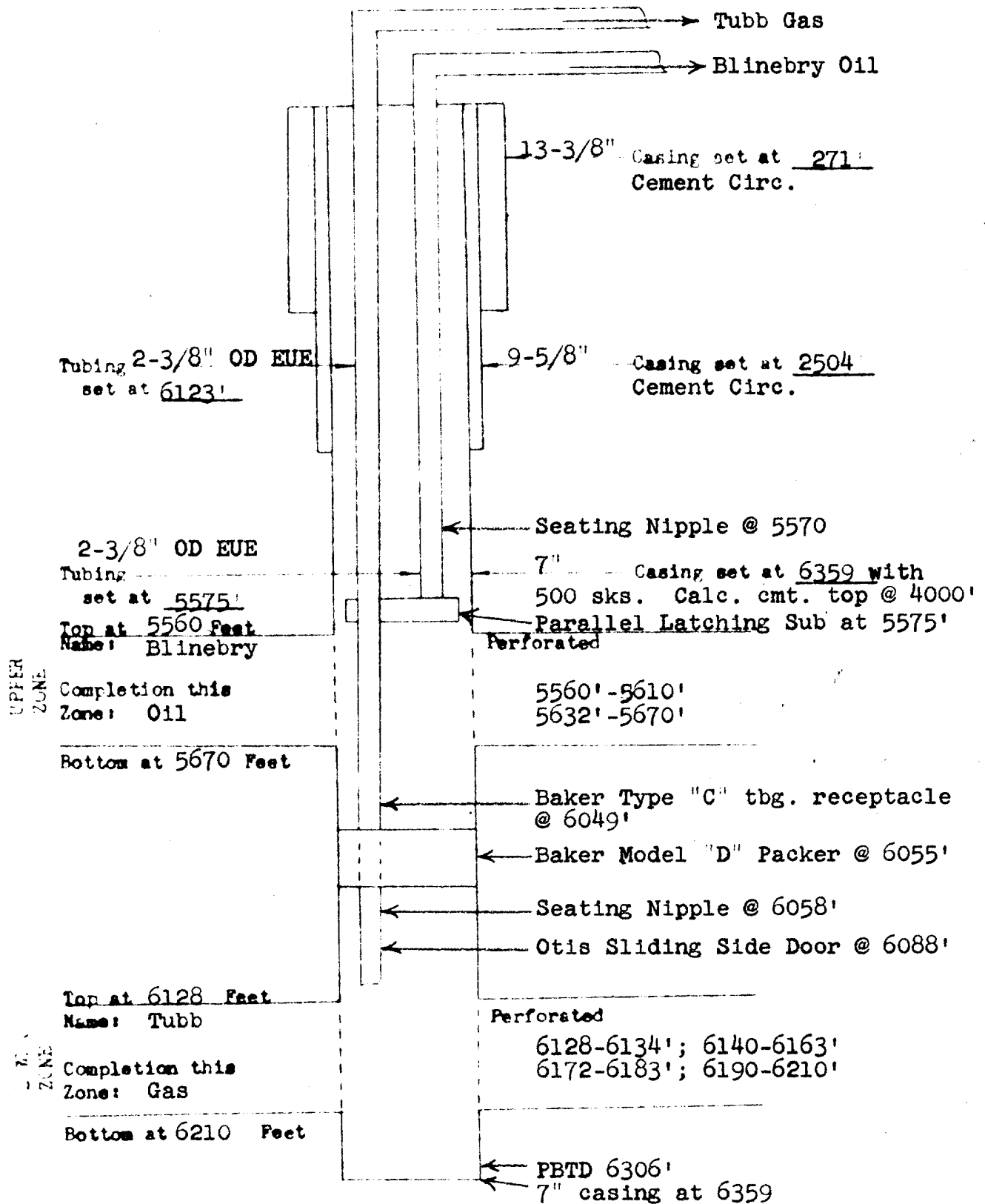
O. W. Gordon  
(its Agent)

Subscribed and sworn to before me this the 21 day of March, AD, 1960.

Aubrey B. Williams  
Notary Public in and for the County of Lea.

My Commission Expires April 12, 1961.

DIAGRAMMATIC SECTION SHOWING DUAL COMPLETION INSTALLATION



COMPANY: TEXACO Inc.

LEASE: C. H. Lockhart (NCT-1) Well No. 2

FIELD: Blinebry (Oil) and Tubb (Gas)

DATE: April 4, 1960