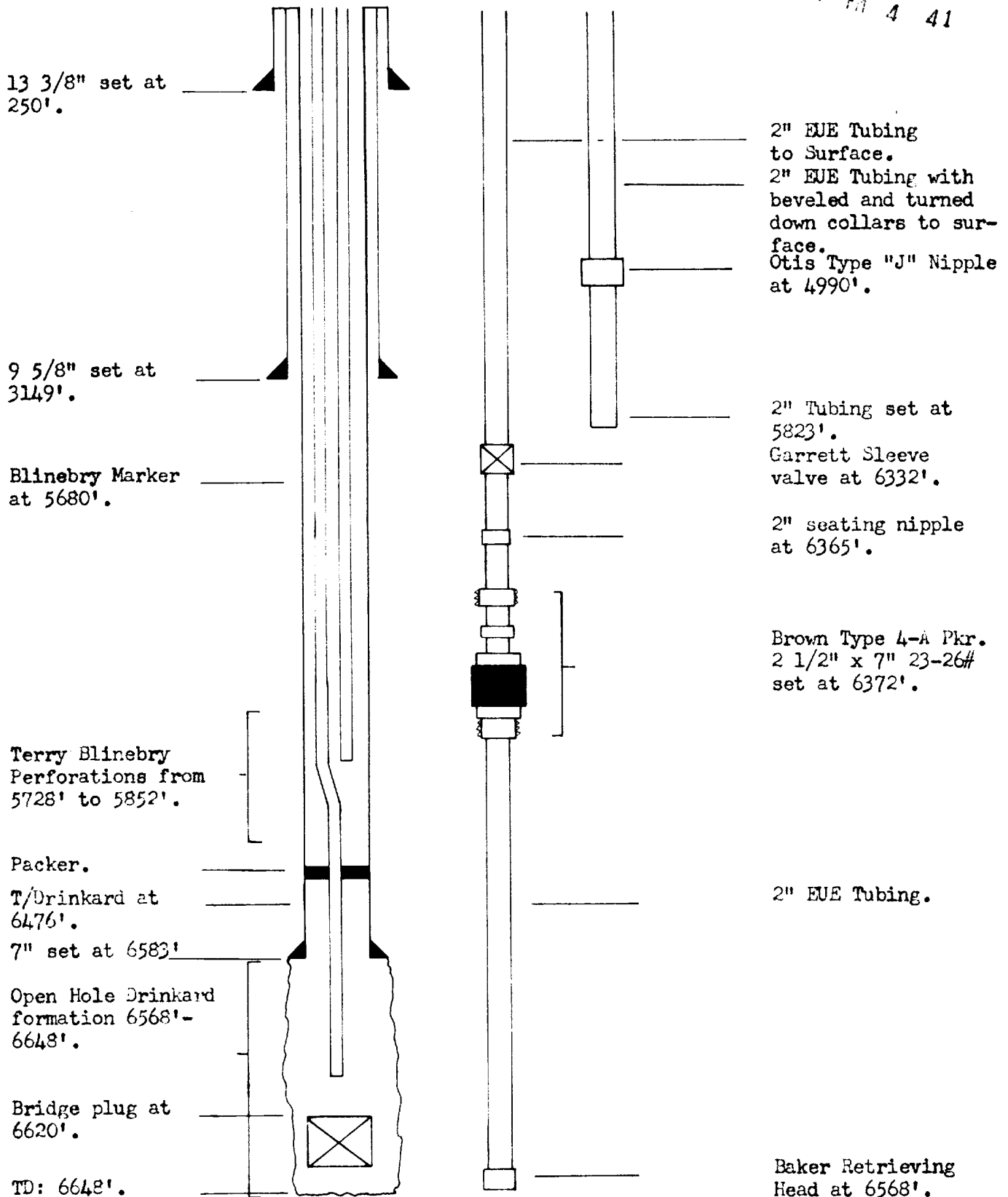


CONTINENTAL OIL COMPANY
Actual Method of Dual Completion
Lockhart B-14 "A" No. 1-D

LOCKHART B-14 "A" NO. 1-D
OCT 10 PM 4 41



4-1-56

Operator Continental Oil Company Lease Lockhart B-14 "A" Well 1 Location: Unit H 14 21 37 Lea County, N. M. Terry-Blinebry Drinkard

Shut-in at (hour, date)..... 1:30 PM 5-29-58 6-30-58
Pressure stabilized at (hour, date)... 4:00 PM S-I since 7-5-58
Length of time required to stabilize (hours)..... completion 120 hours

Test commenced at (hour, date) 5:30 AM 7-5-58 Choke size 32/64
Completion producing Drinkard Completion Terry-Blinebry
Stabilized pressure at beginning of test..... 1577# psi 1027# psi
Maximum pressure during test..... 1577# psi 1027# psi
Minimum pressure during test..... 1577# psi * 20# psi
Pressure at end of test..... 1577# psi * 20# psi
Maximum pressure change during test..... None psi 1007# psi
Oil flow rate during test: 99 BOPD 33 BO in 8 hours.
Gas flow rate during test: 10.6 MCFPD 31.9 MCF in 24 hours.

Mid-Test Shut-In
Shut-in at (hour, date)..... 1:30 PM 5-29-58 6-30-58
Pressure stabilized at (hour, date)... 8:00 PM 7-9-58 7-5-58
Length of time required to stabilize (hours)..... 6

Test commenced at (hour, date) 7:30 AM 7-9-58 Choke size 16/64
Completion producing Terry-Blinebry Completion Drinkard
Stabilized pressure at beginning of test..... 1577# psi 1027# psi
Maximum pressure during test..... 1577# psi 1027# psi
Minimum pressure during test..... 1474# psi 1027# psi
Pressure at end of test..... 1474# psi 1027# psi
Maximum pressure change during test..... 103# psi None psi
Oil flow rate during test: 108 BOPD 27 BO in 6 hours.
Gas flow rate during test: 1128 MCFPD 282 MCF in 6 hours.

Test performed by B. H. McGinnis Gas Tester

Witnessed by _____

REMARKS: *Unable to measure with dead weight tester because below range of tester.

NOTE: See _____ for complete depiction of all phases of test.

AFFIDAVIT:

I, _____, of the State of _____, do hereby certify that the foregoing is a true and correct copy of the original as the same was filed with and carried out in full, and that all attached material are true and correct.

B. H. McGinnis Continental Oil Company
(Representative) (Representative Making Test)

SWORN TO AND SUBSCRIBED before me this 10th day of July, 19 58

Robert Gault III
Notary Public for the County of Lea
New Mexico

INSTRUCTIONS
(SOUTHEAST NEW MEXICO ONLY)

1. At least 24 hours prior to the commencement of this test, the operator shall notify the District Office of the Oil Conservation Commission in writing of the exact time said test is to be commenced.
2. The packer leakage test shall commence with both sides of the completion shut-in. Both sides of the completion must be shut-in a sufficient length of time to allow for complete stabilization of both wellhead pressures, and for a minimum of 2 hours thereafter- this minimum of 2 hours shut-in must show on the charts of the pressure recorder and also must appear on the data sheet.
3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of 2 hours thereafter, and shall be at a rate of flow approximating the normal rate of flow for the zone being produced.
4. Following the completion of flow test No. 1, the well will again be shut-in, and remain so until the wellhead pressures have again become stabilized and for a minimum of 2 hours thereafter.
5. Flow Test No. 2 shall be performed with the previously shut-in side of the dual completion flowing and with the flowing side of the completion used in test number 1 remaining shut-in. This test shall be conducted exactly as outlined under Flow Test No. 1, and must be performed even though no leak was indicated by Flow Test No. 1.
6. All pressures, throughout the entire test, must be continuously measured and recorded with recording pressure gauges.
7. The accuracy of the recording gauges shall be checked at regular intervals throughout the test with a dead weight test gauge, and such readings shall be recorded on the test data sheet provided.
8. For any well on which the wellhead pressures will not stabilize in (24) twenty four hours or less, the minimum producing or shut-in time allowed for stabilization shall be (24) twenty-four hours.
9. This form must be completed and filed in duplicate with the District Office of the Oil Conservation Commission within 15 days following the completion of the testing, and must be accompanied by:
 - a. all of the charts, or copies thereof, used on the pressure recorders during the test.
 - b. the test data-sheet (s), or copies thereof, required under paragraph 7 above.
 - c. a graph depicting the pressures and their changes, for both sides of the completion over the entire test.
10. This packer leakage test shall be performed upon dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual GOR test for the lowermost oil zone or oil pool so concerned. The Commission may also request packer leakage tests at any time they feel that a new test is desirable.

NEW MEXICO
OIL CONSERVATION COMMISSION

PACKER LEAKAGE TEST

OPERATOR Continental Oil Company
LEASE NAME Lockhart B-14 "A" WELL NO. 1
LOCATION Unit H. Section 14, T-21S, R-37E COUNTY Lea

Time	T.B.	TEST DATA SHEET	
	XXXXXX Tubing Pressure	Drinkard Tubing Pressure	Remarks
6-30-58			
1:30 PM	1577#	40#	Terry-Blinebry S-I since completion
3:00 PM	1577#	280#	with exception of production test.
5:00 PM	1577#	400#	Drinkard oil zone S-I 6-30-58, 7-1-58
6:30 AM	1577#	730#	
9:30 AM	1577#	760#	
1:30 PM	1577#	800#	
5:00 PM	1577#	820#	
6:00 AM	1577#	860#	7-2-58
5:00 PM	1577#	940#	
6:00 AM	1577#	985#	7-3-58
5:00 PM	1577#	1010#	
6:00 AM	1577#	1020#	7-4-58
5:00 PM	1577#	1027#	
5:30 AM	1577#	1027#	7-5-58
			Test No. 1 started 7-5-58
5:30 AM	1577#	1027#	Drinkard oil zone
7:00 AM	1577#	35#	
11:00 AM	1577#	35#	
1:30 PM	1577#	20#	
			Test No. 2 started 7-9-58
			Terry-Blinebry oil zone flowing.
7:30 AM	1577#	1027#	
10:00 AM	1475#	1027#	
1:30 PM	1474#	1027#	Shut T.B. oil zone in for pressure
			build up 7-9-58.
1:30 PM	1474#	1027#	
5:30 PM	1250#	1027#	
8:00 AM	1577#	1027#	7-10-58

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56, 41

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF New Mexico)
County of Lea) ss

D. W. Davidson, 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 Continental Oil Company in the capacity of drilling foreman and as such is its authorized agent.

That on June 9, 19 58, he personally supervised the setting of a 2½" x 7" 23-26# Brown Type 4-A in Continental Oil Company's
(Make and Type of Packer) (Operator)

Lockhart B-14 "A" Well No. 1, located in Unit
(lease)
Letter H, Section 14, Township 21, Range 37, NMPM,
Lea County, New Mexico.

(6372 DF)

That said packer was set at a subsurface depth of 6362 feet,
said depth measurement having been furnished by Expert Well Service.

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.

Continental Oil Company
(Company)

J. H. Lamborn
(its Agent)

Subscribed and sworn to before me this the tenth day of July, AD, 19 58.

Robert Gault III
Notary Public in and for the County of Lea.

My Commission Expires _____.