

This form must be filed in District Office not later than ten days after date of completion of test or penalty enforced. Do not take test for period of time less than specified by field rules.

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

FURNISH ALL DATA IN FULL-DO NOT USE ESTIMATES  
(SEE INSTRUCTIONS ON REVERSE SIDE)

FORM 3

Potential Test Form  
Date of Receipt in  
District Office

FIELD NAME: Bakke (Penn)  
(USE FIELD NAME BY WHICH THIS FIELD DESIGNATED ON CURRENT PRORATION SCHEDULE.)  
RAILROAD COMMISSION DISTRICT NUMBER 8  
NAME OF OPERATOR: Ralph Pembroke LEASE: Buffalo-University "A" WELL NO. 1  
(USE NAMES YOU WILL USE ON YOUR E. B. REPORT IN REPORTING PRODUCTION.)  
ADDRESS: Big Lake, Texas SECTION 3 BLOCK 1  
(CITY AND STATE)  
P. O. BOX NO. 616 SURVEY Univ. Lands ELEVATION 3137 GL  
COUNTY IN WHICH WELL IS LOCATED Andrews Unit Designation \_\_\_\_\_ Ac. in Unit 40  
5 Miles SE direction from Andrews nearest postoffice or town.  
Date potential test commenced June 29, 19 57 Hour 10:00 A. M.  
Date potential test completed June 30, 19 57 Hour 10:00 A. M.  
Has this lease changed operating names within the last 60 days? No If so, what was the previous operating name? \_\_\_\_\_  
Has the Log of this well been filed with Deputy Supervisor? Yes Date Log filed Attached

DATA ON POTENTIAL TEST

Data Necessary on Flowing Well

Flowing pressure on csg Packer  
Flowing pressure on tbg 260  
Length of test 2 1/2 Hrs. 0 Mins.  
Size choke 18/64 Make choke O.C.T.  
Was this well flowed for the entire duration of this test without the use of swab or other artificial flowing device? Yes  
Is this well being jetted? No  
If being jetted, how many cubic feet of gas is being used to one barrel of oil recovered? \_\_\_\_\_  
Oil producing during this test into Tank  
(TANK OR PIT)

Data Necessary on Pumping Well

Make of Pumping unit \_\_\_\_\_  
Length of stroke used \_\_\_\_\_  
No. strokes per minute \_\_\_\_\_  
Size working barrel \_\_\_\_\_  
Length of test \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.  
Was any oil produced from this well during this test lifted from the reservoir to the surface of the ground by the use of any device or means the use of which is not prescribed by the Railroad Commission in establishing potentials? \_\_\_\_\_

Name of P. L. Connection Magnolia Pipe Line Company  
If Shot \_\_\_\_\_ If Acidized \_\_\_\_\_  
No. Quarts used \_\_\_\_\_ No. Gallons used \_\_\_\_\_  
Date this well was last shot or acidized Natural  
Barrels of oil produced from this well since shot or treatment to time this test was started \_\_\_\_\_  
(ANSWER ONLY IF THIS TEST WAS OCCASIONED BY SHOOTING OR TREATING THIS WELL.)  
Barrels of oil produced from this well from its completion date or reworked completion date to the beginning of this test 300  
Percent water produced during this test 0 Total depth of this well 9250 Ft.  
(APPLIES TO NEW AND REWORKED WELLS ONLY.)  
Is this a test of a new well for which no previous allowable has been assigned? Yes  
Is this a plain retest (not a workover job) of a well which has a current allowable assigned? No  
What is the 24-hour potential at which it is carried currently on proration schedule? None  
If this test is the result of a workover what was the nature of the job? \_\_\_\_\_  
Hour well completed 3:00 A. M. Date well completed June 27, 19 57.

TEST PRODUCTION DATA

(Furnish Tank Numbers, Size, Avg. Bbls. per Ft., and all Gauges in Ft. and In. and Bbls.)  
(Indicate manner in which production arrived at by placing result in proper column.)

TANK NO.	SIZE	BBLs. PER FOOT	GAUGE				PRODUCTION COMPUTED			PRODUCTION 99% Tank Tables	PRODUCTION 100% Tank Tables
			LOW		HIGH		Feet	In.	Bbls.		
			Feet	In.	Feet	In.					
78513	500	33.1	1	3	9	2	7	11	262.0		262.0

UNIVERSITY LANDS

Approved.....

Answered.....

File.....

REC'D JAN 9 1977

UNIVERSITY LANDS  
Approved \_\_\_\_\_  
Answered \_\_\_\_\_ File \_\_\_\_\_  
REC'D JUL 2 - 1957  
Refer to \_\_\_\_\_ (100% Tank...Tbl.)  
Please Answer \_\_\_\_\_  
Cubic ft. of gas per barrel of Crude Oil  
Read and Return \_\_\_\_\_

RESULT OF THIS POTENTIAL TEST (Bbls. of Crude oil per 24 hours) 262.0  
GAS/OIL RATIO OF THIS WELL IS 620  
Gravity of oil produced during this test (Corrected to A.P.I. 60 degrees) 42.6

(OVER)



DATA ON WELL COMPLETION

"Notice of Intention to Drill" this well was filed in the name of Ralph Pembroke  
 Date "Notice of Intention to Drill" was filed May 10, 1957  
 Is Location "REGULAR," or was "SPECIAL PERMIT" required? Regular  
 If special permit was secured what is permit number? 157.23  
 Total number of acres in this lease 1  
 Number of crude oil producing wells on this lease in this field, including the well on which this potential was taken 1  
 Location of well relative to lease boundaries of lease on which this well is located: 560 feet from North line and 2288 feet from East line of the Buffalo-University "A" lease  
 Size of surface casing 13 3/8 Number feet of surface casing set 297  
 Size of oil string 5 1/2 Number of feet of oil string run 9240  
 Type of tubing head O.C.T. Type of Bradenhead O.C.T.  
 Top of pay 8854 Ft. Total Depth 9250 Ft. Size tubing run 2" RUB  
 Perforated from 8985-92 to 8998-9004 No. Shots 52 No. ft. tubing run 9021  
 Kind of fuel used to drill this well Natural Gas Amt of fuel used Unknown  
 Where fuel was secured Phillips Petroleum Company

INSTRUCTIONS: All potential test forms, WITH ALL INFORMATION REQUESTED THEREON FILLED IN, shall be filed in the District Office of the Railroad Commission not later than ten (10) days after the test is completed and, should the operator fail to file potential test in an acceptable form within the ten (10) days as specified then the effective date of the allowable resulting from such test shall not extend back more than ten (10) days prior to receipt and acceptance of the potential test form in the office of the Deputy Supervisor. This ten-day provision shall govern regardless of whether the potential test is taken during the month in which it is received in the office of the Deputy Supervisor or any prior month.

EACH WITNESS MUST SIGN IN HIS OWN HANDWRITING.

We, the undersigned, witnessed this test and the top and bottom gauges of each tank into which production was run during duration of this test.

Representative of Company making test \_\_\_\_\_ for Champlin Refining Company  
 Representative of Offset Operator \_\_\_\_\_ for Offset Operator  
 Pipe Line Gauger \_\_\_\_\_ for Magnolia Pipe Line Company  
 \_\_\_\_\_ for Pipe Line Company

Representative of the Railroad Commission \_\_\_\_\_

AFFIDAVIT:

I HEREBY CERTIFY that all conditions prescribed by the Railroad Commission of Texas for this potential test were complied with and carried out in full, and that all data and facts set forth on both sides of this form are true and correct.

Ralph Pembroke for Ralph Pembroke  
 Representative of Company making test Company making test

SWORN TO AND SUBSCRIBED before me this the 1st day of July, 1957

(Notary Seal)

Dolores H. Pyle DOLORES H. PYLE  
Midland  
 Notary Public in and for.....County, Texas.

REMARKS: