

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
1-1958

FIELD NAME: Bakke (Wolfcamp) RRC DISTRICT NUMBER: 8
(Use Field Name by which this Field designated on current Proration Schedule.)
NAME OF OPERATOR: Ralph Pembroke
NAME OF LEASE: Buffalo-University LEASE NUMBER: _____ WELL NO. 1-07
ADDRESS: Midland, Texas SECTION 3 BLOCK 1
P. O. BOX NO. 953 (City and State)
SURVEY Univ. Lands ELEVATION _____
COUNTY IN WHICH WELL IS LOCATED Andrews Unit Designation _____ Ac. in Unit _____
5 Miles South direction from Andrews, Texas nearest postoffice or town.
Date potential test commenced March 21, 19 60 Hour 8:00 A. M.
Date potential test completed March 22, 19 60 Hour 8:00 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? _____ Date Log filed Herewith

DATA ON POTENTIAL TEST

Data Necessary on Flowing Well

Flowing pressure on csg Packer
Flowing pressure on tbg 175
Length of test 24 Hrs. 0 Mins.
Size choke 22/64 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? _____

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.

Data Necessary for Bottom-Hole Centrifugal Pumping Wells

Motor Size _____ H.P. Pump Model _____
Pump Rating _____ B.P.D. Total Fluid at _____ Head
Setting Depth _____ Tubing Size _____
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?

Oil producing during this test into Tank
Date this well was last shot or acidized March 9, 1960 (Tank or Pit)
Name of P.L. Connection Magnolia Pipe Line Company
If Shot _____ If Acidized _____
No. Quarts used _____ No. Gallons used 6500
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 _____
(Applies to new and reworked Wells only.)
120 Percent water produced during this test 5 Total depth of this well 9740 P.B. Ft.
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? _____
What is the 24-hour potential at which it is carried currently on proration schedule? _____
If this test is the result of a workover what was the nature of the job? _____
Hour well completed 5:00 P. M. Date well completed March 9, 19 60

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.	Feet	In.	Feet	In.	Bbls.		
78512	500	33.1	1	6 3/4	6	3 3/4	4	9	157.2		157.2

RESULT OF THIS POTENTIAL TEST (Bbls. of Crude oil per 24-hours) 157.2 (100% Tank. Tbl.)
GAS/OIL RATIO OF THIS WELL IS 306 Cubic ft. of gas per barrel of Crude Oil
Gravity of oil produced during this test (Corrected to A.P.I. 60 degrees) 39

(OVER)

DATA ON WELL COMPLETION

"Notice of Intention to Drill" this well was filed in the name of Ralph Pembrook
 Date "Drilling, Plug Back or Deepening Permit" was issued March 7, 1957
 Is Location "REGULAR," or was "SPECIAL PERMIT" required? Regular
 If special permit was secured what is permit number? _____
 Total number of acres in this lease 160
 Number of crude oil producing wells on this lease in this field, including the well on which this potential was taken One
 Location of well, relative to lease boundaries of lease on which this well is located: 660 feet from North
 line and 660 feet from West line of the Sec. 3, Blk 1 lease
 Size of surface casing 13 3/8 Number feet of surface casing set 323
 Size of oil string 5 1/2 Number of feet of oil string run 9764
 Type of tubing head McEvoy Type of Bradenhead Cameron
 Top of pay 8559 Ft. Total Depth 9740 P.B. Ft. Size tubing run 1 1/2"
 Perforated from 8578 - 82 to 8590 - 94 No. Shots 32 No. ft. tubing run 8500
 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.

Jack Haystack
 Representative of Company making test
E. Eugene Mills
 Representative of Offset Operator
M. Brune
 Pipe Line Gauger
 for Continental Oil Company
 Offset Operator
 for Magnolia Pipe Line Company
 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.

Original Signed By
Everett L. Smith

Representative of Company making test

Ralph Pembrook

for

Company making test

SWORN TO AND SUBSCRIBED before me this the 28th day of March, 19 60

(Notary Seal)

Original Notarized By:
Dolores H. Pyle

Notary Public in and for Midland County, Texas

REMARKS: Well producing by gas lift.