

MINUTES ENGINEERS MEETING JUNE 19, 1945

The regular monthly engineers meeting was called to order in the Proration Office at 1:30 P.M. The following company representatives were present:

S.R. Brown	- - - - -	Western Gas Co.
R.C. Jeter	- - - - -	"
W.K. Davis	- - - - -	"
C.H. Matthews	- - - - -	Sun Oil Co.
R.S. Blymn	- - - - -	Lea County Operators Comm.
W.N. Little	- - - - -	Tidewater Assoc. Oil Co.
R.E. Howard	- - - - -	Atlantic Rfg. Co.
H.H. Mayfield	- - - - -	Magnolia Pet. Co.
G.E. Abernathy	- - - - -	Phillips Pet. Co.
W.H. Vaughan	- - - - -	Lea County Operators Comm.
G.H. Gray	- - - - -	Repollo Oil Co.
Ralph Gray	- - - - -	Stanolind Oil & Gas Co.
W.T. Jordan	- - - - -	Amerada Pet. Corp
L.G. Snow	- - - - -	U.S.G.S.
Ben Jarboe	- - - - -	Me-Tex Supply Co.
P.D. Grommon Jr.	- - - - -	The Texas Co.
E.J. Gallagher	- - - - -	Gulf Oil Corp.

At the last engineers meeting in May a committee composed of W.H. Vaughan, H.H. Mayfield, M.R. Hayes, Ralph Gray and Lee Furse was appointed to draw up a form to take the place of the present form C-115. After some discussion it was the general opinion that the new form would prove much more practical than the present form. It will be noted that some new features have been added to this form and one or two columns omitted, that were of relatively little value. It was pointed out that all of the gas isn't reported on the same pressure base. It was suggested that a correction factor be worked out and furnished to the operators from which they could all submit gas figures on the same pressure base. It was decided that the gas-oil ratio committee be made more or less a permanent committee and meet to work out such a factor. A copy of the proposed revised C-115 form is enclosed herewith.

At the May meeting a committee was also appointed to make up a gas-oil ratio schedule which would be purely voluntary on the part of the companies. This committee is composed of Raymond Lamb, Chairman, P.D. Grommon Jr., W.R. Bollinger, E.J. Gallagher. The committee met in the Proration Office on May 11 and drew up a schedule, copy of which is attached hereto. It is suggested that the operators study this schedule and if it appears that a hardship will be worked on any company having wells in more than one field, they are asked to contact this committee and probably a more workable schedule can be presented. Attached also is a list of the companies who have gas measuring equipment.

It was brought out that during recent sessions of the Legislature, bills have been introduced pertaining to the marketing of gas in southeastern New Mexico. It is entirely probable that in the future such a bill will be passed. Some of these bills are drawn up by people unfamiliar with the oil and gas industry in southeastern New Mexico. With this in mind it was suggested that a committee be formed to study the gas production in the various areas, marketing facilities now available, and the matter of allocating that markets between operators. By the time the Legislature meets again the operators themselves, together with the purchasers, will be able to work out a procedure that will take care of the situation.

Mr. Ben Jarboe was appointed Chairman of the committee. Other members are: W.K. Davis, Western G Co., E.J. Gallagher, Gulf Oil p., Raymohd Lamb of the Continental Oil Co., G.E. Abernathy, Phillips Pet. Co. and J.N. Dunlavey, Skelly Oil Co.

Bottom hole pressure drop in West Lovington Field was discussed. Only ten pressures of the June, 1945 survey are currently available in the Lea County Operators Committee office. These ten pressures indicate a field average 1000 sub sea pressure of 1294.4 P.S.I. The preceding survey of seven wells at average date January 7, 1945 had field average pressure of 1735 P.S.I. This is a drop of 440 pounds in five months for 155,905 barrels of oil, or one pound drop for 353 barrels of oil. Tests will be made to determine whether this represents an actual decline of reservoir pressure or whether the 48 hour shut-in observations are materially less than static equilibrium.

Mr. Staley asked that on future C-115 reports Eunice and Monument figures be reported separately, as this will greatly facilitate the work of this office. The correct designation for these fields is "Eunice-Monument Field" with Eunice Area and Monument Area designated separately.

Glenn Staley,  
Chairman Engineers Comm.

# GAS MEASURING EQUIPMENT

	ORIFICE WELL TESTERS		ORIFICE METERS
	RECORDERS	TESTERS	
ANDERSON PRICHARD OIL CORP. - - - - -	2	2 4"	
AMERADA PET. CORP. - - - - -	1	1 2"	8
BARNSDALL OIL CO. - - - - -	1	1 2"	
CONTINENTAL OIL CO. - - - - -	13	13	
DRIG. & EXPLORATION CO. - - - - -	1	1	
DEVONIAN OIL CO. - - - - -			1
GULF OIL CORP. - - - - -	8	8 2"	
HUMBLE OIL & RFG. CO. - - - - -	2	2 4"	
REPOLLO OIL CO. - - - - -	2	2 2"	
SHELL OIL CO. INC. - - - - -	5	5 2"	
SKELLY OIL CO. - - - - -	1	1 2"	
STANOLIND OIL & GAS CO. - - - - -	2	2 2"	
THE TEXAS CO. - - - - -	2	2	
TIDEWATER ASSOC. OIL CO. - - - - -	1	1 2"	

## VOLUNTARY GAS-OIL RATIO SCHEDULE

[illegible]

Form C-115  
Sheet No.

Lease \_\_\_\_\_  
Field \_\_\_\_\_  
County \_\_\_\_\_  
for the month of \_\_\_\_\_  
19\_\_\_\_

State Land; Lease No.	Assignment No.	Government Lease No.	Pat. Land
	(Following to be Reported on Unit Basis)		

- (1) Distribution to units based on: Test \_\_\_\_\_ Meter \_\_\_\_\_ Estimate \_\_\_\_\_
- (2) Method of determining water production: Shake Out \_\_\_\_\_ Draw Off \_\_\_\_\_ Estimate \_\_\_\_\_
- (3) Report distillate, condensate or other liquid hydrocarbons (other than oil) in this column, starting with \*.

## Santa Fe, New Mexico

# OPERATOR'S MONTHLY REPORT

The following is a correct report of all oil and gas producing wells of \_\_\_\_\_

(Company or Operator)

Lease \_\_\_\_\_ Field \_\_\_\_\_ County \_\_\_\_\_ for the month of \_\_\_\_\_ 19\_\_\_\_

State Land; Lease No. \_\_\_\_\_ Assignment No. \_\_\_\_\_ Government Lease No. \_\_\_\_\_ Pat. Land \_\_\_\_\_

**(Following to be Reported on Unit Basis)**

[illegible]

(1) Distribution to units based on: Test\_\_\_\_\_ Meter\_\_\_\_\_ Estimate\_\_\_\_\_

(2) Method of determining water production: Shake Out \_\_\_\_\_ Draw Off \_\_\_\_\_ Estimate \_\_\_\_\_

(8) Indicate by x method of determining gas volume and gas-oil ratio.

(4) Report distillate, condensate or other liquid hydrocarbons (other than oil) in this column, starting with \*.

(Following to be Reported on Lease Basis)

[illegible]

## GAS

**Used For Gas Lift**

MCF Used on Lease

MCF Used on Lease

**MCF Sold to** \_\_\_\_\_

MCF On \_\_\_\_\_ Lease \_\_\_\_\_

MCF Blown to Air, (By Difference)

MCF On Lease

Remarks: \_\_\_\_\_

I hereby swear or affirm that the information given is true and correct.

**Signed:** \_\_\_\_\_

**Representing:** \_\_\_\_\_

Position: \_\_\_\_\_

(Company or Operator)

Date: \_\_\_\_\_

**INSTRUCTIONS**  
**OIL CONSERVATION COMMISSION**  
**FORM C-115**

The addresses of the producer, as required on this report, shall be clear and definite as to Street Number, City, State and Mailing address.

This report shall be made monthly by each producer of crude petroleum oil. An executed copy shall be filed on or before the 20th day of each month with each of the following: Oil Conservation Commission at Santa Fe; Lea County Proration Office at Hobbs; and the pipe line company or other transporter moving oil, gas, or liquid hydrocarbons from a well or lease tanks or any other receptacle. The report shall be complete as to data covering the calendar month next preceding the date of filing.

Report on this form, the required information relative to, the production of all crude petroleum oil, natural gas, and other hydrocarbons which are produced at the well head in liquid form by ordinary production methods. Show on this report, the required information relative to, products produced from a gas well or gas wells, such as distillate and condensate.

Make a separate report for each lease.

Where a lease is comprised of two or more units, list each unit separately. When two or more units are produced into a central tank battery the amount of oil produced from each unit shall be determined by periodic tests. The oil on hand at the beginning of month, the scheduled allowable, the oil on hand at the end of the month, and total capacity of lease tanks shall be reported by leases.

All amounts of oil shall be reported in barrels computed from 100 % tank tables and based upon actual physical gauges.

Do not use fractions of barrels in this report.

If any space does not apply fill in the word "NONE."

Please use typewriter if possible.

# OPERATOR'S MONTHLY REPORT

The following is a correct report of all oil and gas producing wells of

(Company or Operator)

6T

for the month of

Count y

Pat. Land

Government Lease No.

Assignment No.

(Following to be Reported on Unit Basis)

[illegible]

Test	Estimate
Draw Off	Estimate