

AS WELL
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JAN 29 1974

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT A ONE POINT BACK PRESSURE TEST

RECEIVED

JAN 29 1974

O.C.C.
ARTESIA, OFFICE

Type Test ☒ Initial ☐ Annual

Company Coquina Oil Corporation

Pool Wildcat

Completion Date 12-14-73

Well No. 1

Unit 0 Sec. 11 Twp. 17S Rys. 26E

County Eddy

State New Mexico

Taps Flange

Meter Run 3"

Prover

Bore Press. - P_a 13.2

Packer Set At 8439 To 8472

Perforations: From 8439 To 8472

Set At 8800

Flow Back Through 8772

Production: None

Direction Morrow

Producing Thru Tbg L 8439 H 8439 Gg .661

Reservoir Temp. °F 167 @ 8430

Mech. Annual Temp. °F 60

% CO₂ .0037

% N₂ .0082

% H₂S .05

CASING DATA

NO.	Press. p.s.i.g.	Temp. °F	Duration of Flow
1.	2597	60	PK 1 hr.
2.	1995	77	PK 1 hr.
3.	1475	78	PK 1 hr.
4.	1210	74	PK 1 hr.
5.	995	66	PK 1 hr.

FLOW DATA

NO.	Prover Line Size	X	Orifice Size	Gg	Diff. hw	Temp. °F
1.	3"	-	1.750	110	9.3	70
2.	3"	-	1.750	235	8.5	77
3.	3"	-	1.750	180	11	84
4.	3"	-	1.750	190	11	77

RATE OF FLOW CALCULATIONS

NO.	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Meid
1	123.2	.9905	1.230	1.013	652
2	248.2	.9840	1.230	1.023	887
3	193.2	.9777	1.230	1.018	880
4	203.2	.9840	1.230	1.019	910

Gas Liquid Hydrocarbon Ratio _____

A.P.I. Gravity of Liquid Hydrocarbons _____

Specific Gravity Separator Gas .661

Specific Gravity Flowing Fluid XXXXX

Critical Pressure 670 P.S.I.A.

Critical Temperature 378 °R

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1977$

$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1013$

MOID = 15.025 Angle of Slope 62°

Absolute Open Flow 1013

Remarks: PW substituted for PT - Measured with Amerada Instrument gauge 32848

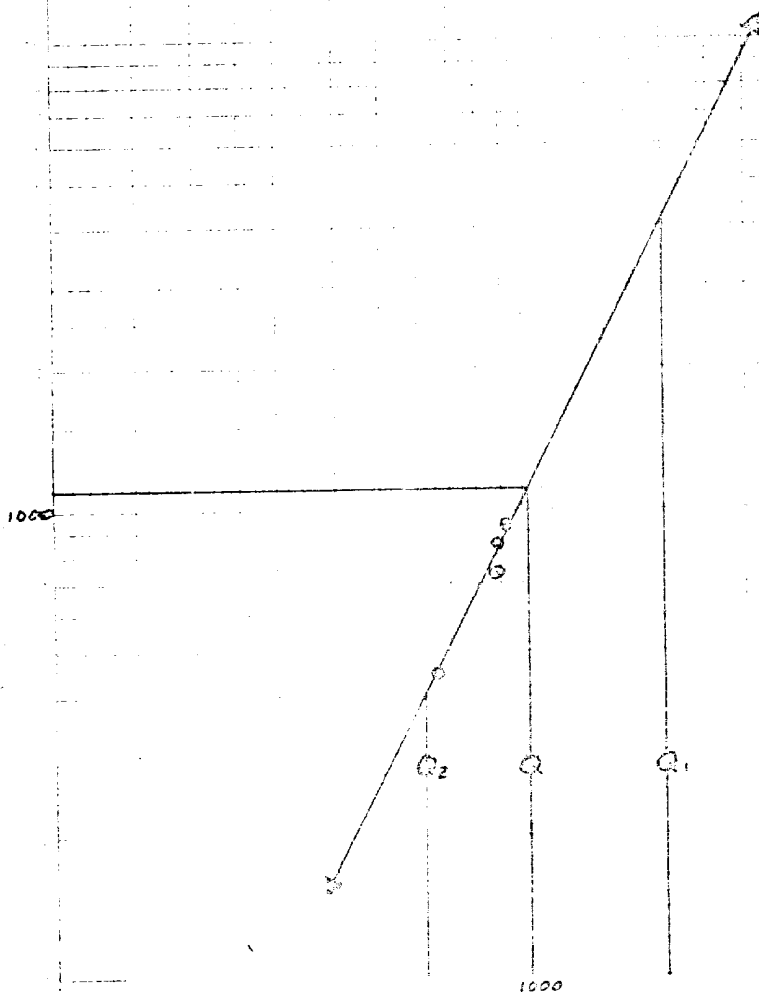
Conducted By: Gary Camp

Calculated By: John Spruell

Checked By: B. P

Approved By Commission:

Coquina Oil Corporation
Haines No. 1
Absolute Open Flow
DEC. 14, 1973



$$\begin{aligned}
 Q_1 &= 2,000 & \log Q_1 &= 3.30103 & Q &= 1,013 \\
 Q_2 &= 610 & \log Q_2 &= 2.78533 \\
 N &= .5157
 \end{aligned}$$