

HOOBBS OFFICE
Eunice, New Mexico
October 3, 1955
OCT 15 AM 9:48

Mr. R. C. Lannen - Eunice, New Mexico

BACK PRESSURE TEST - HAWK B-9 NO. 3 Section 9, T.
218, R. 37E, LEA COUNTY, NEW MEXICO

On September 30, 1955, a back pressure test was taken to determine the theoretical open flow capacity of the Tubb gas zone at zero bottom hole pressure, and the deliverability characteristics at various rates of flow. A calculated open flow potential of 7,500 MCF gas per day was obtained, based on a ten-hour back pressure test.

Attached are curves representing the calculated open flow potential and deliverability, and a chart tabulating the data obtained by this test.

Calculated open flow potential	7,500	MCF/D
Deliverability at 600 psig	6,750	MCF/D
Deliverability at 150 psig	7,460	MCF/D
Shut in pressure	2,024.2	PSIA
GPM & acid content of gas is not available at this time.		

B. H. McGinnis
B. H. McGinnis
Gas Tester *RCL*

BHM-PGM

CC: ERW HLJ RLA JRS FILE-2

CONTINENTAL OIL COMPANY

Gas Well Data

Lease: Hawk B-9 Well No.: 3 County: Lea State: New Mexico

Sec.: 9 TWP: 21S Rge: 27E

Rate No.	Volume MCFD	Orifice Size in.	Choke Size in.	Liquid Bbls./ Day	Gravity oAPI	Temp. Gas of	SpGr Gas	Surface Pressure PSIA	Pf	Ps	Pf - Ps
1.	2319	2"	16/64	8	70.4	22°	.660	1590.2	2321	1953.95	1,549,550
2.	3033	2"	22/64	45	70.4	32°	.660	1407.2	2321	1691.7	2,523,192
3.	5097	2"	16/64	202	54	44°	.660	1149.2	2321	1327.8	3,623,985
4.	5870	2"	34/64	213	54	60°	.660	915.2	2321	1055.95	4,272,011
5.	6148	2"	40/64	134	54	68°	.660	843.2	2321	874.2	4,437,476

Note: Volumes corrected to SpGr. of .6 at 60°F
Calculated Open Flow Potential 7,500 MCFD
SIP 2024.2 PSIA
Pressure Base 15.025 PSIA

Date Tested 9-30-55

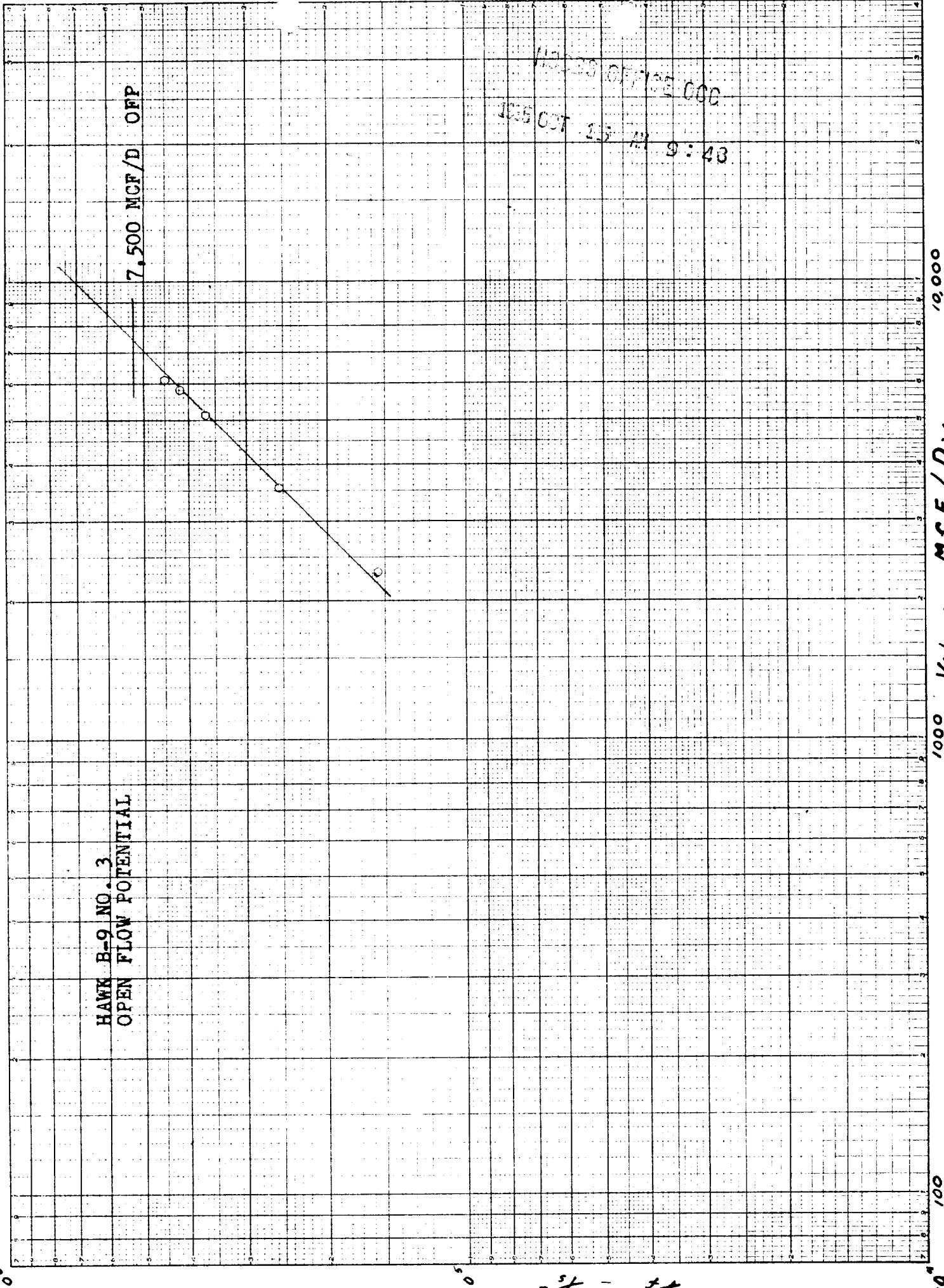
REC'D OFFICE 000
OCT 15 AM 9:48



HAWK B-9 NO. 3
OPEN FLOW POTENTIAL

7,500 MCF/D OFF

13 OCT 1964
10:50 AM 9:43





HAWK B-9 NO. 3
DELIVERABILITY CURVE

RECEIVED OCT 15 9:43
HAWK B-9 NO. 3

Deliverability @ 600 psig
6750 MCF/D

Deliverability @ 150 psig
7460 MCF/D

