

NEARBURG & INGRAM
#2 Hawkins - Eddy County, New Mexico

DRILL STEM TEST RECORD

- No. 1 - 6352'-6439', tool open 2 hrs, strong blow immediately, continued thruout test. Gas to surface in 8 min. Flowing @ rate of 408 MCFCPD at end of 1st hour; 475 MCFCPD in 1 1/2 hrs; 427 MCFCPD after 2 hrs. Appeared to be heading at end of test. Recovered 600' HOCM. Hydrostatic pressure (in & out) 2887, 30 min ISIP 2572, IFP 115, FFP 172, 60 min FSIP 2685, BHT 116° F.
- No. 2 - 6448'-6625', tool open 45 min, weak blow in 3 minutes & died. Recovered 150' mud w/no show. Pressures not accurate. BHT 118°.
- No. 3 - 6840'-6880', 1" top choke, 5/8" bottom choke, open 2 hrs, weak blow increasing to strong blow in 3 minutes. Gas to surface in 70 minutes (estimated 50 to 100 MCFCPD). Recovered 600' HOCM. Hydrostatic pressure (in & out) 3090, 30 min. ISIP 2750, IFP 85, FFP 185, 60 min FSIP 2615, BHT 118°.
- No. 4 - 8803'-8829', tool open 60 minutes, gas to surface in 6 minutes (TSTM) - estimated 50 MCFCPD. Recovered 150' HOCM. 30 min. ISIP 2139, IFP 21, FFP 42, 30 min FSIP 2814, BHT 135°.
- No. 5 - 9130'-9178', 1/2" top choke, 3/4" bottom choke, tool open 1 hour, gas to surface in 3 min - flwg @ rate of 3.8 MCFCPD. Recovered 257' gas cut mud & 310' salt water. Hydrostatic pressure (in & out) 4596, 30 min ISIP 3641, IFP 439, FFP 920, 40 min FSIP 3641, BHT - 135°.

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MEASUREMENTS IN INCHES
 12 INCHES - 8 1/2 INCHES, 10 INCHES

WELL TEST RECORD

- No. 1 - 63521-63521, tool open 1 hr., strong blow immediately, continued through 2 hr., gas to surface in 6 min. Flowing rate of 400 MCF/D at end of 1st hour. 475 MCF/D in 1 1/2 hr. 475 MCF/D after 2 hrs. appeared to be heading at end of test. Recovered 300 MCF. Hydrostatic pressure (in 3 out) 3000, 30 min test 2015, 175 115, 175 115, 60 min test 2055, 200 1150.
- No. 2 - 64481-66321, tool open 45 min, weak blow in 3 minutes. 4150. Recovered 1500 and 1/2 no show. Pressure not recovered. 200 1150.
- No. 3 - 68401-68401, 1/2" top choke, 3/4" bottom choke, open 2 hrs, weak blow increasing to strong blow in 3 minutes. Gas to surface in 10 minutes (estimated 30 to 100 MCF/D). Recovered 600 MCF. Hydrostatic pressure (in 3 out) 3000, 30 min. test 2120, 175 115, 60 min test 2015, 200 1150.
- No. 4 - 43031-68421, tool open 60 minutes, gas to surface in 6 minutes (1750) - estimated 30 MCF/D. Recovered 1500 1750, 30 min. test 2130, 175 115, 60 min test 2014, 200 1150.
- No. 5 - 61101-61101, 1/2" top choke, 3/4" bottom choke, tool open 1 hour, gas to surface in 3 min - flow rate of 3.5 MCF/D. Recovered 2500 can cut out 3100 with water. Hydrostatic pressure (in 3 out) 4550, 30 min test 2001, 175 115, 60 min test 2041, 200 1150.

WELL TEST RECORD

WELL NO.	DATE	TIME	TOOL OPEN	FLOW RATE	RECOVERED	HYDROSTATIC PRESSURE	TEST PRESSURE	TEST TIME
63521-63521			1 hr.	400 MCF/D	300 MCF	3000	3000	30 min
64481-66321			45 min	Weak blow	1500	4150	4150	3 min
68401-68401			2 hrs	Strong blow	600 MCF	3000	3000	30 min
43031-68421			60 min	Gas to surface	1500	1750	1750	30 min
61101-61101			1 hour	3.5 MCF/D	2500	4550	4550	30 min