

PRIN OIL COMPANY - Max Friess No. 21 - Federal  
560'S and 3350'E. -Sec. 19-17S.-31E.,  
Eddy County, New Mexico.

RECEIVED  
JUL 21 1965  
U.S. GEOLOGICAL SURVEY  
ALBUQUERQUE, NEW MEXICO

RECORDS OF DRILL STEM TESTS:

April 25, 1965

Test No. 1:

By: Arrow Testers, Inc.

Test Interval: 7330 to 8030';

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Formation tested: ABO

JUL 22 1965

Tool open before ISI. - 3 Mins. - ISI. - 45 Mins.

Flow Period: 1 Hrs. 15 Mins.

Final shut-in: 0 2 45 "

Total time Packer set: 2 Hrs. 43 Mins.

Bottom Hole Choke: 5/8"; - Surface: 0-1" Adj. ; Temp. 98 ;

Surface Action: Opened tool with good blow & increasing to strong prior to ISI ;  
Opened after ISI with strong blow, gas to surface in 1 1/4 Mins., with volume too small to measure; -

Recovery: 930 ft. of heavy gas and slightly oil & sulphur cut drilling fluid;

Pressures:  
A. IHP. - 3727  
B. ISI. - 3087  
C. IFP - 234  
D. FFP - 360  
E. FSIP - 2782  
F. FHP. - 3716# .

May 6, 1965

Test No. 2 .

By: Foster Testers, Inc.

Interval tested: 9280 to 9380

Formation tested: Wolfcamp

Packer set: 2 Hrs. 18 Mins.

Time Tool open: 45 Mins.

Initial shut-in: 45 "

Final shut-in: 45 "

Choke size- Top 1" Bottom 5/8" ;

Surface Action: Very weak blow throughout test ;

Recovery: 600' drilling fluid; developed high pressure leak in tool joint after tool was open;

Remarks: 3 Minute pre flow ; 750' drill collar length.

Pressures:  
A. ISP - 4508  
B. ISIP - 143  
C. IFP - 143  
D. FFP - 196  
E. FSIP - 238  
F. FHP - 4498 ;

May 10, 1965

Test No. 3.

By: Foster Testers, Inc.

Interval tested: 9644 to 9691'

Formation tested: Cisco

Packer set: 3 Hrs. 7 Mins.

Time tool open: 1 " 15 "

Initial shut-in: 45 "

Final shut-in: 1 Hrs. 00 "

Choke size: Top 1" - Bottom 5/8";

Surface Action: Gas to surface in 30 Mins.; Too small to measure; good blow throughout test ;

Recovery: 75' Free Oil ; 50' Oil cut mud; Remarks: 7 Minutes pre flow;

Pressures:  
A. IHP - 4618 ;  
B. ISIP - 2997 ;  
C. IFP - 36 ;  
D. FFP - 36 ;  
E. FSIP - 3201 ;  
F. FHP - 4607 ;

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.