

Date 8-22-60 Well Matson "B" #2 (32-29-6W)

Field Adams

County Kingman

State Kans.

Formation Test No. 1 Casing Test No. - Test Interval 3529' to 3538'

Address 401 4th. Natl. Bk. Bldg., Wichita, Kans.

Test Ticket No. 61228 I

Company Duncan Operating Company

Tester R. B. Evans

Test Approved By Toby Elster

No. of DST Reports Requested 5-X

Well Flowed: No

Amount

Type Test Conventional DF.

Formation Tested Kansas City Elevation 1479' ft.

All Depths Measured From Kelly Bushing.

3384' of 4" FH Drill

Pipe, 3.2" ID

Circulating Sub

124' of 4" FH Drill Pipe,

3.2" ID

Amount

Recovered:

Gas in drill pipe

Slightly oil and gas cut mud

Salt water

90'

120'

Blow Fair throughout test.

Maximum Surface Pressure Off

Time

Pressure (P.S.I.G.)

Surface Choke

Opened Tool:

Closed tool for initial shut-in

Re-opened tool

8:15 AM

8:17 AM

8:37 AM

1"

1"

1"

Cross-over Sub

6 5/8" Bob Tail Packer

set at 3529'

5' of 4 1/2" Perf. Anchor

4" Recorder Carrier

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3538 Ft.

Total Depth

Main Hole Size 7 7/8"

Casing Size 1 1/2"

Bottom Choke Size 1 1/2"

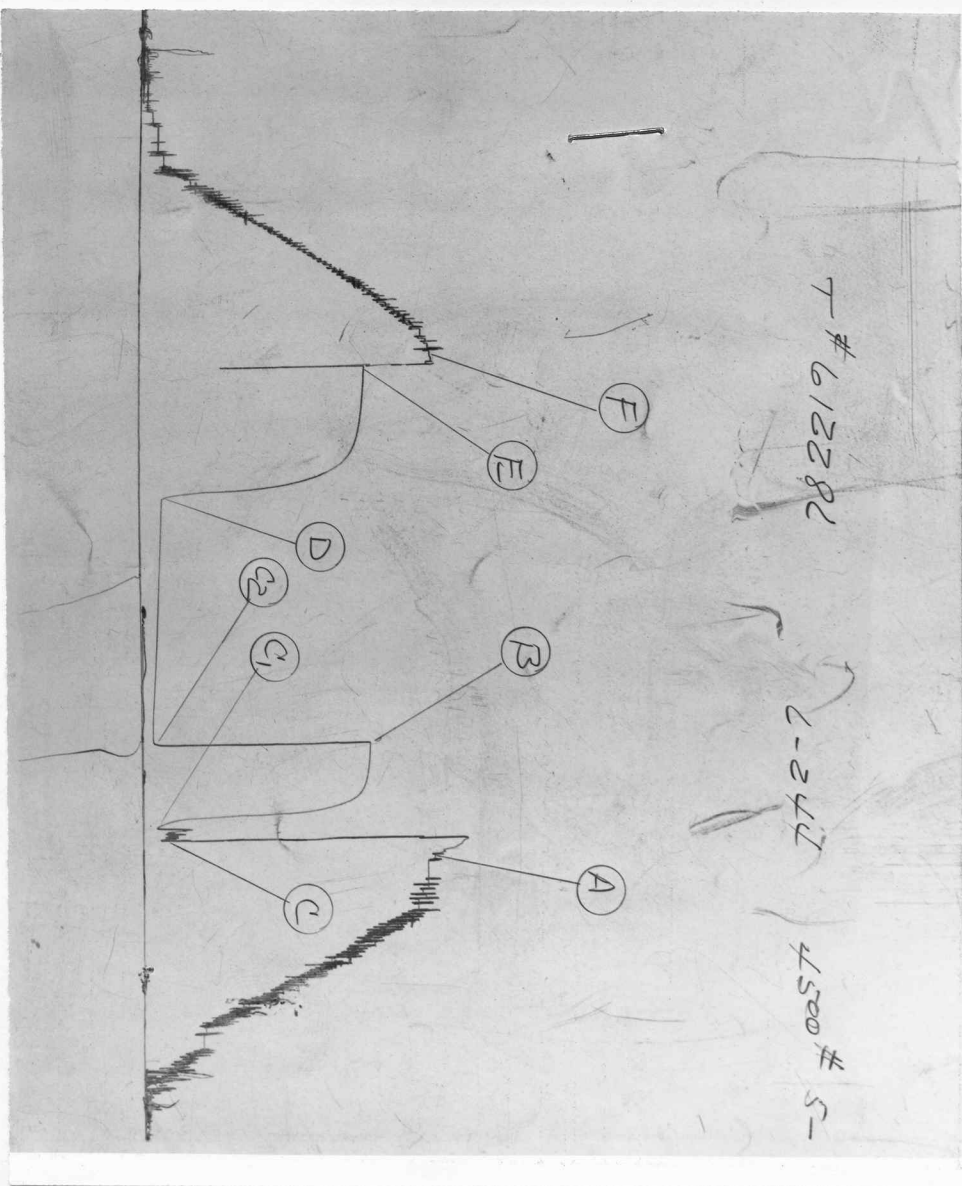
Liner Size

Mud Type Starch

Remarks: *Distribution for all tests run on this well listed underneath

TIME

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TIME DATA

Initial Shut-in _____ Hrs. 20 Mins.
Flow Period _____ Hrs. 2 Mins.
Final Shut-in _____ Hrs. 30 Mins.

Well Temperature _____ ° F.
PRESSURE READING (P.S.I.G.)

Recorder No. L-244
Capacity (P.S.I.G.) 4500
Location 35371

A Initial Hyd. Mud. 1969
B Initial Shut-in 1537
C Initial Flow 83
D Final Flow 96
E Final Shut-in 1495
F Final Hyd. Mud. 1942
REMARKS C-1 51
C-2 36

Recorder No. _____
Capacity (P.S.I.G.) _____
Location _____
A Initial Hyd. Mud. _____
B Initial Shut-in _____
C Initial Flow _____
D Final Flow _____
E Final Shut-in _____
F Final Hyd. Mud. _____
REMARKS _____

*Shut in pressure did not reach static reservoir pressure.

All these methods are carried out by allowing only a minimum of formation fluid to be produced. This initial shut-in pressure is the best method yet devised for recording the original, undisturbed reservoir pressure of a formation.

F-1, F-2, F-3, etc. Final Hyd. Mud Pressures
Z — Special pressure points such as pumping pressure recorded for formation breakdown.

into the hole. Then the fluid cushion pressure is recorded as the drill pipe is filled with fluid. As more stands are run into the hole, the recorder registers the hydrostatic pressures of the cushion. When the main testing valve is opened the pressure of the cushion column or the flowing pressure of the formation, (which ever is greater), is recorded.