

Phone  
(303) 573-8027

# LYNES, INC.

Contractor Quarles Drilling Co.  
Rig No. 2  
Spot 1650' FSL, 1650' FEL  
Sec. 24  
Twp. 16S  
Rng. 35E  
Field Wildcat  
County Lea  
State New Mexico  
Elevation 3977 ft.  
Formation Atoka

Top Choke  $\frac{1}{4}"$  &  $\frac{1}{2}"$   
Bottom Choke 1"  
Size Hole 7 7/8"  
Size Rat Hole --  
Size & Wt. D. P. 4 1/2" XH 16.60#  
Size Wt. Pipe 4 1/2"  
I. D. of D. C. 2 1/4"  
Length of D. C. 403.87 ft.  
Total Depth 11,985 ft.  
Interval Tested 11,518-11,985 ft  
Type of Test Bottom Hole  
Conventional

Flow No. 1 15 Min.  
Shut-in No. 1 30 Min.  
Flow No. 2 60 Min.  
Shut-in No. 2 120 Min.  
Flow No. 3 -- Min.  
Shut-in No. 3 -- Min.

Bottom  
Hole Temp. 165°F  
Mud Weight 9.1  
Gravity --  
Viscosity 35

Tool opened @ 9:13 AM

PRD Make Kuster K-3  
No. 19012 Cap. 7875 @ 11985'

	Press	Corrected
Initial Hydrostatic	A	5723
Final Hydrostatic	K	5700
Initial Flow	B	1319
Final Initial Flow	C	1350
Initial Shut-in	D	4629
Second Initial Flow	E	1510
Second Final Flow	F	1707
Second Shut-in	G	4629
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Hobbs, NM  
Our Tester: Ricky Ragsdale  
Witnessed By: David Magouirk

Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE:

3394 Ft. Total fluid = 44.2 bbls.  
2018 Ft. Fresh water (water cushion) = 28.6 bbls.  
880 Ft. Slightly gas cut drilling mud = 12.4 bbls.  
496 Ft. Slightly gas cut formation fluid = 3.28 bbls.

Blow Description:

1st Flow:

Tool opened with a weak underwater blow and increased to an 8 ounce blow at the end of the flow.

2nd Flow:

Tool opened with a weak underwater blow, increased to 3 ounces in 5 minutes, 9 3/4 ounces in 45 minutes and remained thru the end of the flow.

Comments:

The test results indicate a mechanically successful test. The flow and shut-in curves suggest relatively low permeability within the zone tested.

Operator Reading & Bates  
Address 801 North Dixie, Room 202  
Odessa, Texas 79761

Well Name and No. Payne #1-24  
Ticket No. 04751

Date 10/4/83

DST No. 1  
No. Final Copies 5