

Contractor Cactus Drlg. Corp.
Rig No. 4
Spot --
Sec. --
Twp. --
Rng. --
Field Wildcat
County Lea
State New Mexico
Elevation --
Formation --

Top Choke Adjustable
Bottom Choke --
Size Hole 7 7/8"
Size Rat Hole --
Size & Wt. D. P. 4" 15.70
Size Wt. Pipe --
I. D. of D. C. 2 1/4"
Length of D. C. 748'
Total Depth 11985'
Interval Tested 11965-11985'
Type of Test Bottom Hole
:Conventional

Flow No. 1 60 Min.
Shut-in No. 1 60 Min.
Flow No. 2 30 Min.
Shut-in No. 2 -- Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.
Bottom
Hole Temp. --
Mud Weight 10.3
Gravity --
Viscosity 40

Tool opened @ 2:15 PM.

Inside Recorder

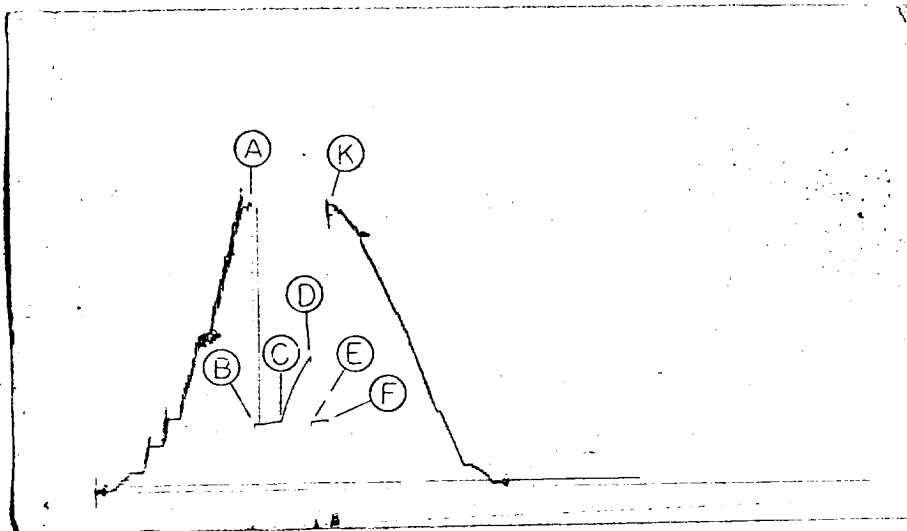
PRD Make Kuster K-3
No. 13560 Cap. 10600 @ 11975

	Press	Corrected
Initial Hydrostatic	A	6451
Final Hydrostatic	K	6394
Initial Flow	B	1435
Final Initial Flow	C	1500
Initial Shut-in	D	2938
Second Initial Flow	E	1478
Second Final Flow	F	1486
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Hobbs, NM.

Our Tester: Dante Vescovi

Witnessed By: Jack Caddell



Did We'll Flow -- Gas No Oil No Water No

RECOVERY IN PIPE: 3000' Water cushion = 26.64 bbl. (Ran 3000' water cushion.)

1st Flow - Tool opened with a no blow, increased to a weak blow in 6 minutes, died in 30 minutes and remained thru flow period.

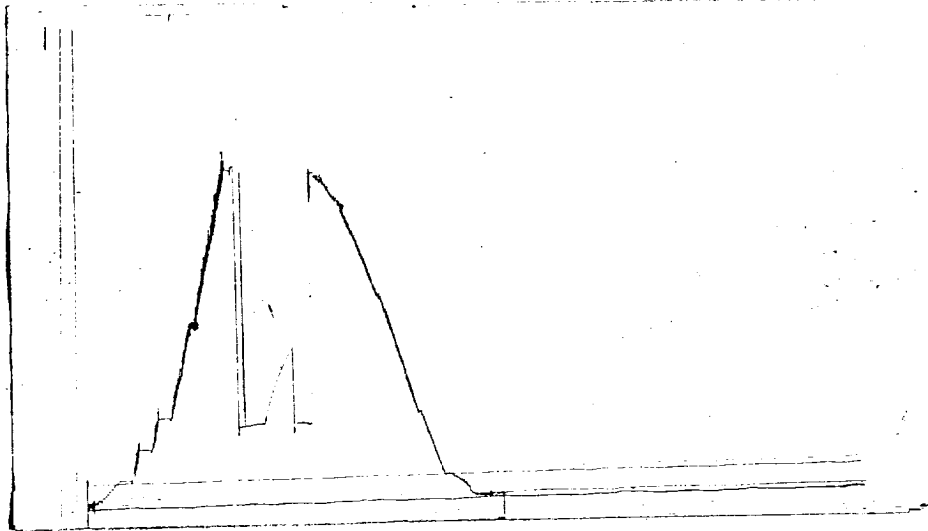
2nd Flow - Tool opened with no blow and remained thru flow period.

REMARKS:

Operator Diamond Shamrock Oil & Gas Co.
Well Name and No. Michael Horton #1-5
Ticket No. 11907
Date 4-6-78
No. Final Copies 5

LYNES, INC.

Operator Diamond Shamrock Oil & Gas Co. Lease & No. Michael Horton #1-5 DST No. 1



Inside Recorder

PRD Make Kuster K-3

No. 6435 Cap. 8700 @ 11980'

Press Corrected

Initial Hydrostatic	A	6460
Final Hydrostatic	K	6384
Initial Flow	B	1440
Final Initial Flow	C	1511
Initial Shut-in	D	2943
Second Initial Flow	E	1469
Second Final Flow	F	1481
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom
Packer Bled To

PRD Make _____

No. _____ Cap. _____ @ _____

Press Corrected

Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

Pressure Below Bottom
Packer Bled To

LYNES, INC.

Operator Diamond Shamrock Oil & Gas Co. Lease & No. Michael Horton #1-5 DST No. 1

Recorder No. 13560 @ 11975'

Initial Shut-In

0 min.	1291	psig.
6 "	1726	"
12 "	1913	"
18 "	2087	"
24 "	2240	"
30 "	2380	"
36 "	2515	"
42 "	2629	"
48 "	2738	"
54 "	2842	"
60 "	2938	"

LYNES, INC.

Fluid Sample Report

Date 4-6-78 Ticket No. 11907
Company Diamond Shamrock Oil & Gas Co. DST No. 1
Well Name & No. Michael Horton #1-5 State New Mexico
County Lea Test Interval 11965-11985'

Pressure in Sampler 25 PSIG BHT -- °F

Total Volume of Sampler: 3000 cc.
Total Volume of Sample: 1000 cc.
Oil: None cc.
Water: None cc.
Mud: 1000 cc.
Gas: None cu. ft.
Other: None

Resistivity

Make Up Water _____ @ _____ of Chloride Content _____ ppm.

Mud Pit Sample _____ @ _____ of Chloride Content _____ ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks: _____

LYNES, INC.

Distribution of Final Reports

Operator Diamond Shamrock Oil & Gas Co. Well Name and No. Michael Horton #1-5

Original & 1 copy: Diamond Shamrock Oil & Gas Co., Star Route #1, Box 36, Sunray, Texas
79806

3 copies: Diamond Shamrock Oil & Gas Co., Box 631, Amarillo, Texas 79173 Attn:
Dudley Smith