

Contractor Cactus Drlg. Corp.
Rig No. 4
Spot 660'FNL 660'FWL
Sec. 5
Twp. 12 S
Rng. 37 E
Field Wildcat
County Lea
State New Mexico
Elevation 3962' "K.B."
Formation --

Top Choke Adjustable
Bottom Choke Adjustable
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. 386'
Total Depth 13570'
Interval Tested 10202-10296'
Type of Test Inflate
Straddle

Flow No. 1 30 Min.
Shut-in No. 1 60 Min.
Flow No. 2 120 Min.
Shut-in No. 2 240 Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.

Bottom
Hole Temp. 160°F
Mud Weight 10.2
Gravity --
Viscosity 45

Tool opened @ 7:30 AM.

Outside recorder

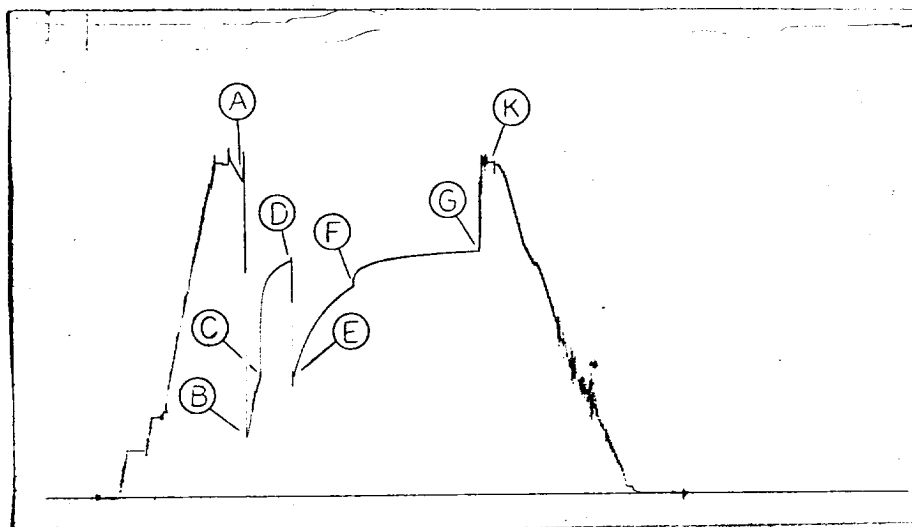
PRD Make Kuster K-3
No. 12638 Cap. 7500 @ 10210'

	Press	Corrected
Initial Hydrostatic	A	5447
Final Hydrostatic	K	5419
Initial Flow	B	974
Final Initial Flow	C	1972
Initial Shut-in	D	3842
Second Initial Flow	E	1975
Second Final Flow	F	3429
Second Shut-in	G	3987
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Hobbs, N.M.

Our Tester: Bill Pierce

Witnessed By: Dennis Bryan



Did Well Flow -- Gas No Oil No Water No
RECOVERY IN PIPE: 7288' Total fluid. (Ran 1428' water cushion.)
1428' Water cushion = 14.57 bbl.
5860' Sulfur water = 57.72 bbl.

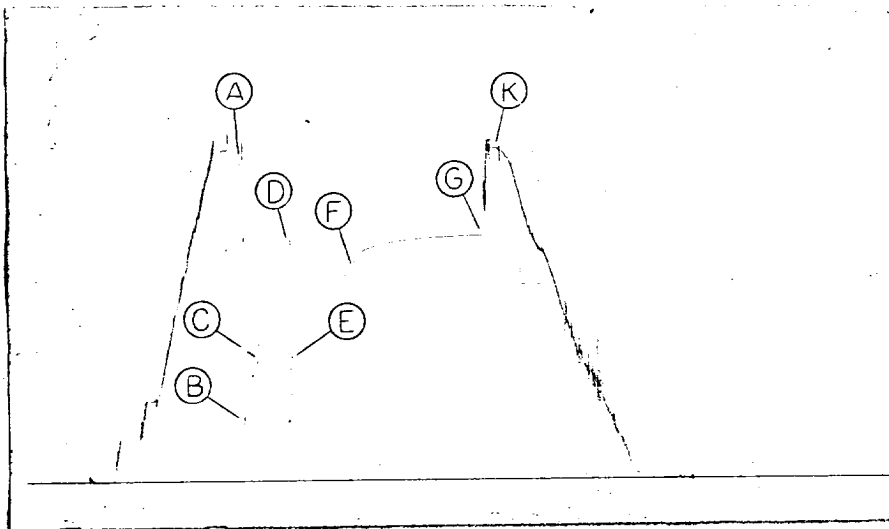
1st Flow - Tool opened with a weak blow, increased to a strong blow in 4 minutes and remained thru flow period.
2nd Flow - Tool opened with a weak blow, increased to a strong blow in 5 minutes and remained thru flow period.

REMARKS:

Operator Diamond Shamrock Oil & Gas Co.
Address See Distribution
Ticket No. 11915
Date 4-30-70
Well Name and No. Michael Horton #1-5
No. Final Copies 5

LYNES, INC.

Operator Diamond Shamrock Oil & Gas Co. Lease & No. Michael Horton #1-5 DST No. 3



Outside Recorder

PRD Make Kuster K-3
No. 3508 Cap. 7500 @ 10210'

Press		Corrected
Initial Hydrostatic	A	5440
Final Hydrostatic	K	5417
Initial Flow	B	968
Final Initial Flow	C	1969
Initial Shut-in	D	3838
Second Initial Flow	E	1971
Second Final Flow	F	3426
Second Shut-in	G	3979
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.

REPORT # 436

WELL NAME - MICHAEL HORTON 1-5

WELL OPERATOR - DIAMOND SHAMROCK OIL & GAS CO.

DST NUMBER - 3

RECORDER NUMBER - 12638

FIRST SHUT IN PRESSURE

TIME(MIN)	(T+PHI)	PSIG
PHI	/PHI	
-----	-----	-----
.0	.0000	1972
6.0	6.0000	3283
12.0	3.5000	3476
18.0	2.6667	3577
24.0	2.2500	3644
30.0	2.0000	3694
36.0	1.8333	3735
42.0	1.7143	3770
48.0	1.6250	3799
54.0	1.5556	3823
60.0	1.5000	3842

EXTRAPOLATION OF FIRST SHUT IN = 4057.95

LYNES INC.

REPORT # 436

WELL NAME - MICHAEL HORTON 1-5

WELL OPERATOR - DIAMOND SHAMROCK OIL & GAS CO.

DST NUMBER - 3

RECORDER NUMBER - 12638

SECOND SHUT IN PRESSURE

TIME(MIN) PHI -----	(T+PHI) /PHI -----	PSIG -----
.0	.0000	3429
24.0	7.2500	3767
48.0	4.1250	3835
72.0	3.0833	3870
96.0	2.5625	3905
120.0	2.2500	3927
144.0	2.0417	3943
168.0	1.8929	3959
192.0	1.7813	3971
216.0	1.6944	3981
240.0	1.6250	3987

FITTED LINE: $\text{LOG}((T_0 + \text{PHI}) / \text{PHI}) = -.00238 \text{ PSIG} + 9.68807$

EXTRAPOLATION OF SECOND SHUT IN = 4075.70 M = 420.69

LYNES, INC.

Fluid Sample Report

Date 4-30-78 Ticket No. 11915
Company Diamond Shamrock Oil & Gas Co. DST No. 3
Well Name & No. Michael Horton #1-5 State New Mexico
County Lea Test Interval 10202-10296'

Pressure in Sampler 0 PSIG BHT 160 of

Total Volume of Sampler: 2150 cc.

Total Volume of Sample: 1000 cc.

Oil: None cc.

Water: 1000 cc.

Mud: None 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

Remarks:

RECEIVED

MAY 24 1978

OIL COMPANY, INC.
HOBBS, N. M.