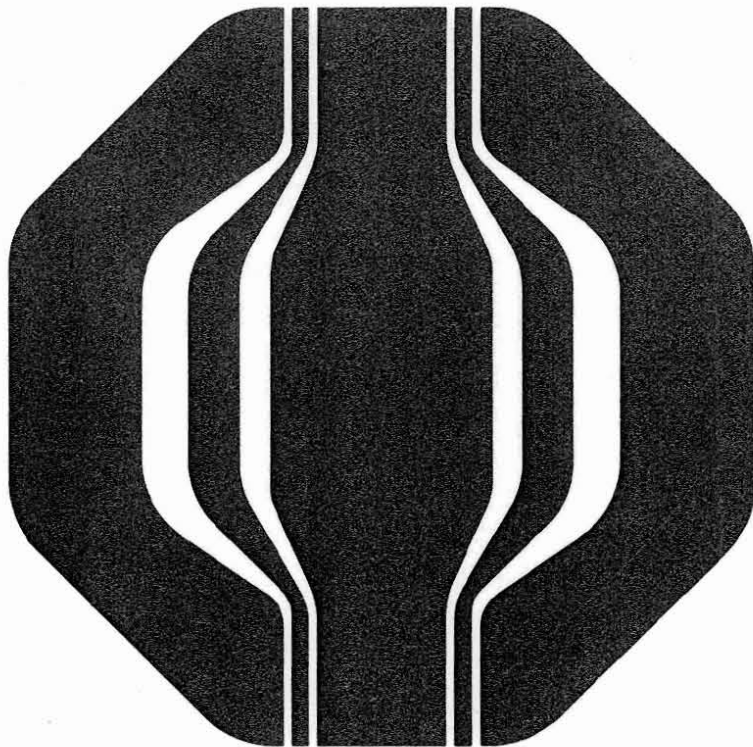
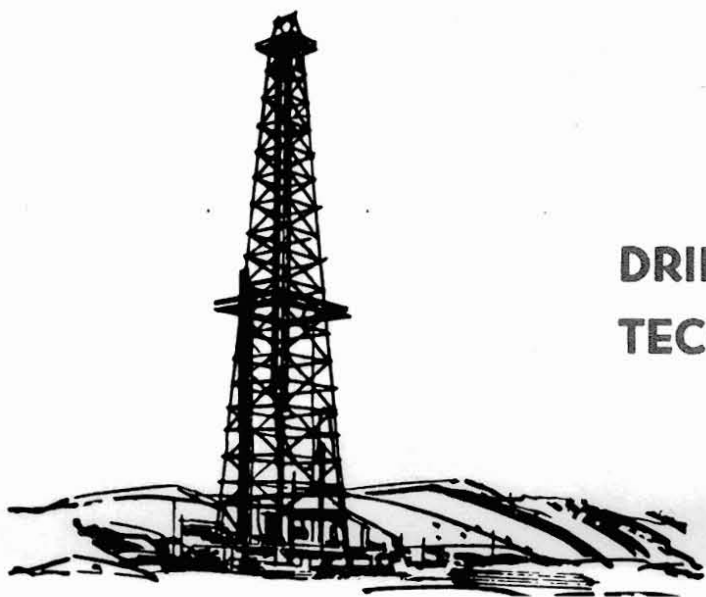


1980-03
DST's: 1,2,3,4



LYNES



**DRILL STEM TEST
TECHNICAL SERVICE REPORT**

Operator
Address

American Quasar Petroleum Company
See Dist.

Well Name and No. North Eden Federal #21-11
Ticket No. 20741
Date 4-20-80

DST No. 1
No. Final Copies 12

Phone
713-790-9132

LYNES, INC.

Box 12486
Houston, TX 77017

Contractor <u>Parker Drilling</u>	Top Choke <u>1/4"</u>
Rig No. <u>#183</u>	Bottom Choke <u>9/16"</u>
Spot <u>--</u>	Size Hole <u>12 1/4"</u>
Sec. <u>20</u>	Size Rat Hole <u>--</u>
Twp. <u>16S</u>	Size & Wt. D. P. <u>4 1/2" 19.50</u>
Rng. <u>47E</u>	Size Wt. Pipe <u>--</u>
Field <u>Wildcat</u>	I. D. of D. C. <u>3"</u>
County <u>Bear Lake</u>	Length of D. C. <u>279'</u>
State <u>Idaho</u>	Total Depth <u>8469'</u>
Elevation <u>6951' "K.B."</u>	Interval Tested <u>8214,8469'</u>
Formation <u>Dinwoody</u>	Type of Test <u>Bottom Hole</u>
	<u>Conventional</u>

Flow No. 1	<u>60</u>	Min.
Shut-in No. 1	<u>120</u>	Min.
Flow No. 2	<u>--</u>	Min.
Shut-in No. 2	<u>--</u>	Min.
Flow No. 3	<u>--</u>	Min.
Shut-in No. 3	<u>--</u>	Min.

Bottom Hole Temp.	<u>178°</u>
Mud Weight	<u>9.3</u>
Gravity	<u>--</u>
Viscosity	<u>44</u>

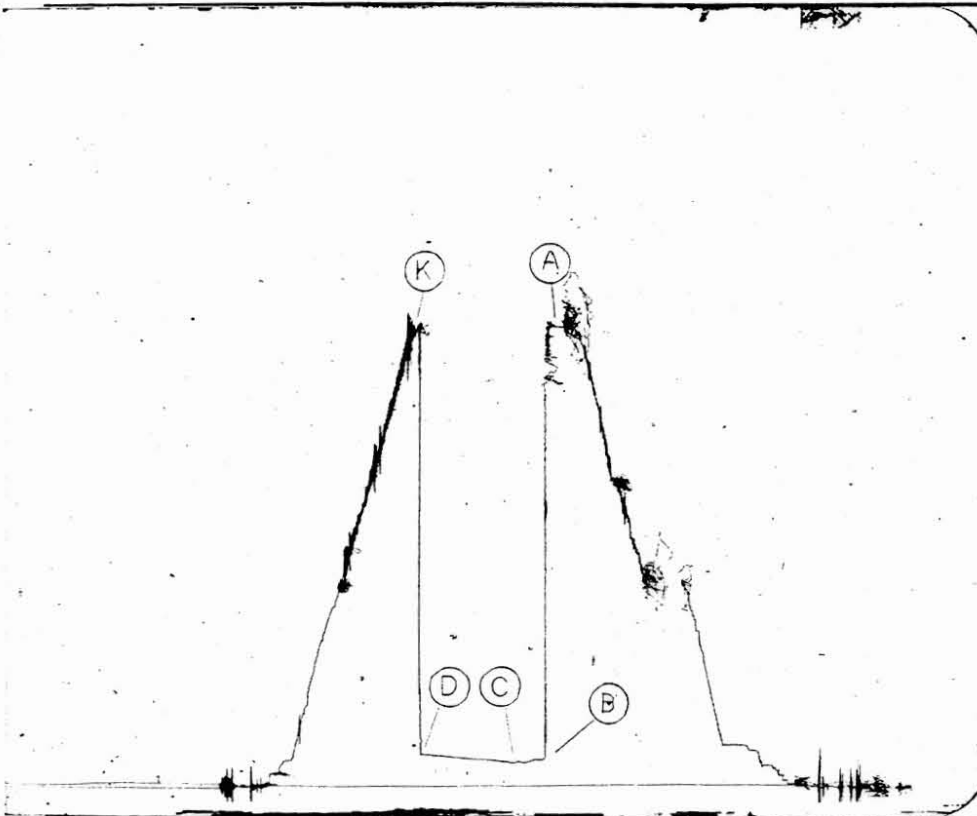
Tool opened @ 12:25 p.m.

Inside Recorder

PRD Make Kuster AK-1
No. 10237 Cap. 6650 @ 8225'

	Press	Corrected
Initial Hydrostatic	A	3977
Final Hydrostatic	K	3960
Initial Flow	B	233
Final Initial Flow	C	213
Initial Shut-in	D	285
Second Initial Flow	E	--
Second Final Flow	F	--
Second Shut-in	G	--
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Rock Springs,
Lynes Dist.: Wyoming
Our Tester: Stormy Hayes
Witnessed By: Carl Robison



Did Well Flow - Gas no Oil no Water no

RECOVERY IN PIPE:

395'	Total Fluid (Ran 230' Ammonia-Diesel-Amine)
230'	Ammonia-Diesel-Amine = 2.49 bbl.
165'	Drilling Mud = 1.44 bbl.

Top Sample R.W:	.85 @ 72°F = 7000 ppm
Middle Sample R.W:	1.0 @ 75°F = 5500 ppm
Bottom Sample R.W:	.78 @ 75°F = 7250 ppm

Blow Description: Tool opened with a weak blow, increased to bottom of bucket in 25 seconds; decreased to 11 ounces, after 25 minutes increased to 2 psi and remained thru flow period.

Breakdown of shut-in pressure not practical for Horner extrapolation.

Operator AMERICAN QUASAR PETROLEUM COMPANY Well Name and No. North Eden Federal #21-11
 Address See Dist. Ticker No. 20741 Date 4-29-80
 No. Final Copies 18

LYNES, INC.

Sampler Report

Company American Quasar Petroleum Company Date 04-29-80
Well Name & No. North Eden Federal #21-11 Ticket No. 20741
County Bear Lake State Idaho
Test Interval 8214-8469' DST No. 1

Total Volume of Sampler: 2150 cc.
Total Volume of Sample: 210 cc.
Pressure in Sampler: 92 psig
Oil: None cc.
Water: None cc.
Mud: 210 cc.
Gas: None cu. ft.
Other: None

Sample R.W.: .86 @ 70°F = 7000 ppm. cl.

Resistivity

Make Up Water 10.0 @ 70°F of Chloride Content 550 ppm.
Mud Pit Sample .68 @ 75°F of Chloride Content 8200 ppm.
Gas/Oil Ratio None Gravity None °API @ °F

Where was sample drained Location

Remarks: _____

LYNES, INC.

Distribution of Final Reports

Operator American Quasar Petroleum Co. Well Name and No. _____ Federal #21-7

Original & 1 copy: American Quasar Petroleum Co., 707 United Bank Tower, 1700 Broadway,
Denver, Colorado 80290 Attn: Clare Gregg

1 copy: American Quasar Petroleum Co., 201 N. Walcott, Rm. 204 Superior Bldg.
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Boise, Idaho 83720