FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface

Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water _____
cc. Mud _____
Tot. Liquid cc. _____

Gravity _____ ° API @ _____ °F.

Gas/Oil Ratio _____ cu. ft./bbl.

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@	°F.	ppm
Recovery Mud	@	°F.	ppm
Recovery Mud Filtrate	@	°F.	ppm
Mud Pit Sample	@	°F.	ppm
Mud Pit Sample Filtrate	@	°F.	ppm

Mud Weight 9.4 vis 41 sec

Date	7-27-78
Ticket Number	410892
Kind of Job	OPEN HOLE TEST
Halliburton District	PRATT
Tester	T. MOFF
Witness	D. DAVIS
Drilling Contractor	RED TIGER DRILLING COMPANY PW

EQUIPMENT & HOLE DATA

Formation Tested	Cherokee	
Elevation	2057' K.B.	Ft.
Net Productive Interval	8'	Ft.
All Depths Measured From	Kelly Bushing	
Total Depth	4655'	Ft.
Main Hole/Casing Size	7 7/8"	
Drill Collar Length	900' WP I.D.	2.764" WP
Drill Pipe Length	3506' I.D.	3.826"
Packer Depth(s)	4635' - 4641'	Ft.
Depth Tester Valve	4614'	Ft.

Cushion TYPE AMOUNT Ft. Depth Back Pres. Valve Surface Choke Bottom Choke

Recovered 10 Feet of mud.

Recovered Feet of

Recovered Feet of

Recovered Feet of

Recovered Feet of

Mea. From Tester Valve

Remarks - SEE PRODUCTION TEST DATA SHEET -

TEMPERATURE	Gauge No. 6144	Gauge No. 6143	Gauge No.	TIME	
	Depth: 4619 Ft.	Depth: 4652 Ft.	Depth: Ft.		
	12 Hour Clock	12 Hour Clock	Hour Clock	Tool	A.M.
Est. °F.	Blanked Off No	Blanked Off Yes	Blanked Off	Opened 1502	P.M.
Actual 117 °F.	Pressures	Pressures	Pressures	Opened	A.M.
				Bypass 1602	P.M.

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic			2258	2245	2273				
First Period	Flow Initial		9	20	32			—	—
	Flow Final		9	20	24			30	
	Closed in		19	30	32			30	
Second Period	Flow Initial		12	20	24			—	—
	Flow Final		12	20	26			30	
	Closed in		15	30	29			30	
Third Period	Flow Initial							—	—
	Flow Final								
	Closed in								
Final Hydrostatic			2268	2245	2284			—	—

Legal Location Sec. - Twp. - Rng. 19 - 28 - 15W 4 NE-NW

Lease Name GROSS

Well No. 1

Test No. 1

Tested Interval 4641' - 4655'

Field Area

County PRATT

State KANSAS

Lease Owner/Company Name ANTARES OIL CORPORATION - TRICH-FLETCHER

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FORMATION TEST DATA

LITTLE'S 102548 5M 9/76

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FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface

Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water _____
cc. Mud _____
Tot. Liquid cc. _____

Gravity _____ ° API @ _____ °F.

Gas/Oil Ratio _____ cu. ft./bbl.

		RESISTIVITY		CHLORIDE CONTENT
Recovery Water	@	°F.		ppm
Recovery Mud	@	°F.		ppm
Recovery Mud Filtrate	@	°F.		ppm
Mud Pit Sample	@	°F.		ppm
Mud Pit Sample Filtrate	@	°F.		ppm

Mud Weight 9.4 vis 46 sec

Date 7-28-78 Ticket Number 410893

Kind of Job OPEN HOLE TEST Halliburton District PRATT

Tester T. MOFF Witness D. DAVIS

Drilling Contractor RED TIGER DRILLING COMPANY PW

EQUIPMENT & HOLE DATA

Formation Tested Mississippi
Elevation 2057' K.B. Ft.
Net Productive Interval _____ Ft.
All Depths Measured From Kelly Bushing
Total Depth 4672' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length 900' WP I.D. 2.764" WP
Drill Pipe Length 3725' I.D. 3.826"
Packer Depth(s) 4654' - 4660' Ft.
Depth Tester Valve 4633' Ft.

Cushion	TYPE	AMOUNT	Ft.	Depth Back Pres. Valve	Surface Choke	Bottom Choke

Recovered 30 Feet of gas cut mud.
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Mea. From Tester Valve

Remarks - SEE PRODUCTION TEST DATA SHEET -

TEMPERATURE	Gauge No. 6144 Depth: 4638 Ft.	Gauge No. 6143 Depth: 4669 Ft.	Gauge No. Depth: Ft.	TIME
	12 Hour Clock	12 Hour Clock	Hour Clock	Tool Opened 0720 A.M. P.M.
Est. °F.	Blanked Off No	Blanked Off Yes	Blanked Off	
Actual 117 °F.	Pressures	Pressures	Pressures	Opened Bypass 0950 A.M. P.M.

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic			2269	2345	2284				
First Period	Flow Initial		34	20	40			—	—
	Flow Final		32	40	40			60	61
	Closed in		1576	1585	1581			90	88
Second Period	Flow Initial		40	40	36			—	—
	Flow Final		28	40	29			60	60
	Closed in		1573	1585	1575			120	120
Third Period	Flow Initial							—	—
	Flow Final								
	Closed in								
Final Hydrostatic			2251	2345	2263			—	—

Legal Location Sec. - Twp. - Rng. 19 - 28 - 15 W c NE-NW

Lease Name GROSS

Well No. 1

Test No. 2

Tested Interval 4660' - 4672'

Field Area

County PRATT

State KANSAS

Lease Owner/Company Name ANTARES OIL CORPORATION TRICH-FLETCHER

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FORMATION TEST DATA

LITTLE'S 102548 5M 9/76

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