

Computer Inventoried

ORIGINAL

15-007-22539

Well Name: Clarke #1
Company: McGinness Oil Company
Location: 7-31S-12W
Barber County Kansas
Date: 7-15-97

TRILOBITE TESTING L.L.C.

PERATOR : McGinness Oil Company
 ELL NAME: Clarke #1
 OCATION : 7-31S-12W Barber KS
 NTERVAL : 3688.00 To 3698.00 ft

DATE 7/8/97
 KB 1684.00 ft TICKET NO: 10057 DST #1
 GR 1671.00 ft FORMATION: Douglas
 TD 3698.00 ft TEST TYPE: CONV

ECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
F 15	Rec.	10248	10248	13788			PF Fr. 0759 to 0814 hr
I 30	Range(Psi)	4400.0	4400.0	0.0	0.0	0.0	IS Fr. 0814 to 0844 hr
F 30	Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0844 to 0914 hr
S 60	Depth(ft)	3690.0	3690.0	3695.0	0.0	0.0	FS Fr. 0914 to 1014 hr

	Field	1	2	3	4	
A. Init Hydro	1784.0	1810.0	0.0	0.0	0.0	T STARTED 0615 hr
B. First Flow	80.0	88.0	0.0	0.0	0.0	T ON BOTM 0745 hr
31. Final Flow	182.0	189.0	0.0	0.0	0.0	T OPEN 0759 hr
C. In Shut-in	1296.0	1302.0	0.0	0.0	0.0	T PULLED 1014 hr
D. Init Flow	171.0	188.0	0.0	0.0	0.0	T OUT 1155 hr
E. Final Flow	205.0	216.0	0.0	0.0	0.0	
F. Fl Shut-in	1299.0	1294.0	0.0	0.0	0.0	
G. Final Hydro	1756.0	1801.0	0.0	0.0	0.0	
Inside/Outside	I	I	O			

TOOL DATA-----

Tool Wt.	2100.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	56000.00 lbs
Initial Str Wt	52000.00 lbs
Unseated Str Wt	52000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	185.00 ft
D.P. Length	3489.00 ft

RECOVERY

Pot Fluid 50.00 ft of 50.00 ft in DC and 0.00 ft in DP
 0.00 ft of Slight Water Cut Mud
 0.00 ft of 12%water 88%mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW 3.05 @ 88F
 SALINITY 6000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	42.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	

BLOW DESCRIPTION

Initial Flow:
 Strong Blow, bottom of bucket in 5 sec
 Gas to Surface in 3 mins
 (SEE GAS VOLUME REPORT)

Initial Shut In:

No Blow

Final Flow:

Strong blow, (SEE REPORT)

Final Shut In:

Very weak blow

SAMPLES:

SENT TO:

Amt. of fill	0.00 ft
Btm. H. Temp.	117.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Gary Pevoteaux
Co. Rep.	Doug McGinness
Contr.	Duke drilling
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: McGinness Oil Company

DATE: 7/8/97

WELL NAME: Clarke #1

KB Elev: 1684.00 ft TICKET #10057 DST #1

WELL LOCATION: 7-31S-12W Barber KS

GR Elev: 1671.00 ft FORMATION: Douglas

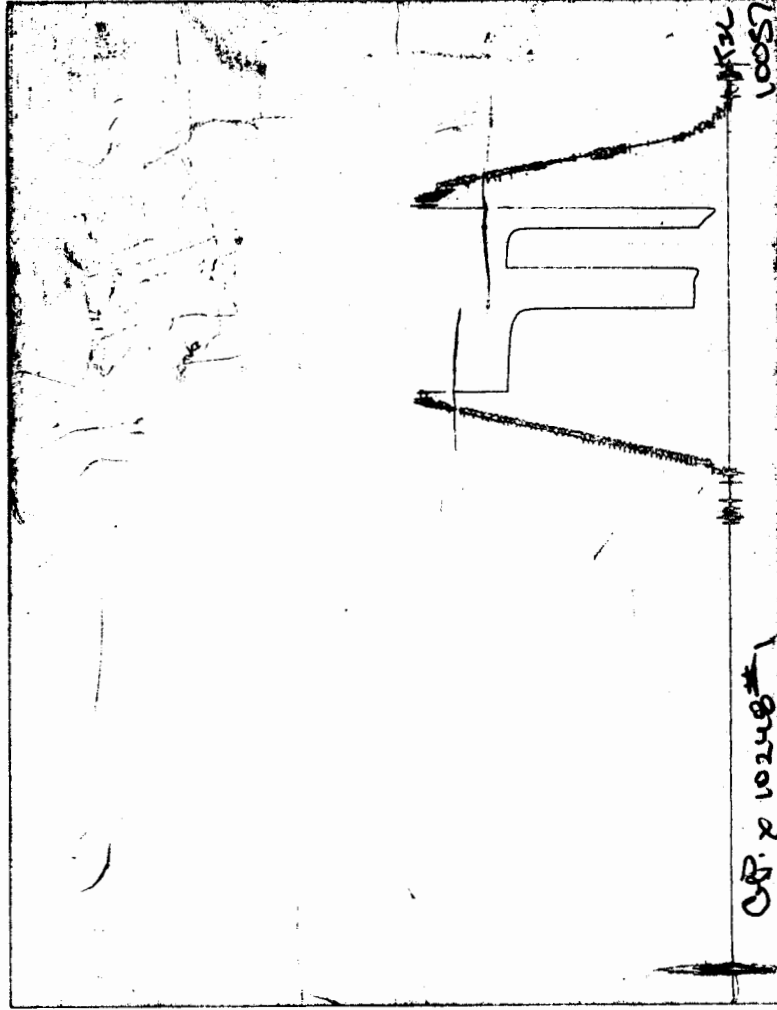
INTERVAL Fr.: 3688.00 To 3698.00 T.D.: 3698.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
3	0.75	0	0	0.0
5	0.50	48	0	326000.0
10	0.50	68	0	429000.0
15	0.50	88	0	532000.0

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart



GAS VOLUME REPORT

WELL NAME AND NO.

DST NO.

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 10057

Well Name & No. <u>CLARK #1</u>	Test No. <u>1</u>	Date <u>7-8-77</u>
Company <u>McGOWNESS OIL CO. OF KS.</u>	Zone Tested <u>DOUGLAS</u>	
Address <u>150 N. MAIN ST. #1026 / WICHITA, KS 67207</u>	Elevation <u>1684</u> KB <u>1671</u> GL	
Co. Rep / Geo. <u>DOUGLAS MCGOWNESS</u>	Cont. <u>DOUGLAS</u> # <u>7</u>	Est. Ft. of Pay <u>6</u> Por. <u> </u> %
Location: Sec. <u>7</u> Twp. <u>31S</u> Rge. <u>12W</u>	Co. <u>BARBER</u> State <u>KS.</u>	
No. of Copies <u>3</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested 3688 - 3698' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 52,000
Anchor Length 10' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 56,000
Top Packer Depth 3683' Tool Weight 2100 #
Bottom Packer Depth 3688' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 3698' Wt. Pipe Run None Drill Collar Run 185'
Mud Wt. 9.2 LCM 3 Vis. 42 WL 10.4 cc. Drill Pipe Size 4 1/2" x 14' Ft. Run 3,489'
Blow Description IF: Strong below. Bottom of bucket in 5 sec.
G.T.S. in 3 mins. (see gas volume report) ISI: No below.
FF: Strong below. (see gas volume report)
ESI: Very weak below.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>50</u>	<u>yes</u>	<u>50</u>	<u>2</u>			<u>88</u>	
Rec. <u>50</u> Feet Of <u>S.W.C.M.</u>							
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							
Rec. <u> </u> Feet Of <u> </u>							

BHT 117 °F Gravity N/A °API D@ °F Corrected Gravity N/A °API
RW 3.05 @ 88 °F Chlorides 4,000 ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud	<u>1784</u> PSI	Recorder No. <u>13788</u>	T-Started <u>0615</u>
(B) First Initial Flow Pressure	<u>80</u> PSI	(depth) <u>3695'</u>	T-Open <u>0759</u>
(C) First Final Flow Pressure	<u>182</u> PSI	Recorder No. <u>10248</u>	T-Pulled <u>1016</u>
(D) Initial Shut-in Pressure	<u>1296</u> PSI	(depth) <u>3690'</u>	T-Out <u>1155</u>
(E) Second Initial Flow Pressure	<u>171</u> PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure	<u>205</u> PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure	<u>1299</u> PSI	Initial Opening <u>15</u>	Test <u>✓</u> <u>600</u>
(H) Final Hydrostatic Mud	<u>1786</u> PSI	Initial Shut-in <u>30</u>	Jars <u>✓</u> <u>200</u>
		Final Flow <u>30</u>	Safety Joint <u>✓</u> <u>50</u>
		Final Shut-in <u>60</u>	Straddle <u> </u>
		<u>4</u>	Circ. Sub <u> </u>
			Sampler <u> </u>
			Extra Packer <u> </u>
			Elect. Rec. <u> </u>
			Other <u> </u>

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Approved By [Signature]
Our Representative [Signature]

TOTAL PRICE \$ ✓ 850.00