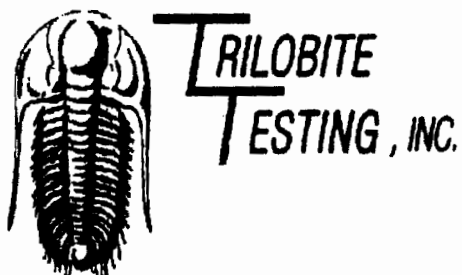


ORIGINAL



DRILL STEM TEST REPORT

Prepared For: **MKJ Oil,LLC**

705 East Ninth street
Harper, Kansas. 67058

ATTN: Bob Stolzel

18-30S-6W

#2-A Reida SWD

Start Date: 2005.06.02 @ 09:04:58

End Date: 2005.06.02 @ 16:10:43

Job Ticket #: 20706 DST #: 1

API# 15 - 095-21967-00-00
SW NE NE SE
2237 FSL 577 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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JUN 21 2005
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Printed: 2005.06.02 @ 16:30:48 Page 1

MKJ Oil,LLC

#2-A Reida SWD

18-30S-6W

#2-A



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

MKJ Oil, LLC

705 East Ninth street
Harper, Kansas. 67058

ATTN: Bob Stolzel

#2-A Reida SWD

18-30S-6W

Job Ticket: 20706

DST #: 1

Test Start: 2005.06.02 @ 09:04:58

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock ft (KB)

Time Tool Opened: 10:37:28

Time Test Ended: 16:10:43

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 30

Interval: 4074.00 ft (KB) To 4100.00 ft (KB) (TVD)

Total Depth: 4100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1431.00 ft (KB)

1423.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6668

Press@RunDepth: 172.82 psig @ ft (KB)

Start Date: 2005.06.02

End Date:

2005.06.02

Start Time: 09:04:58

End Time:

16:10:43

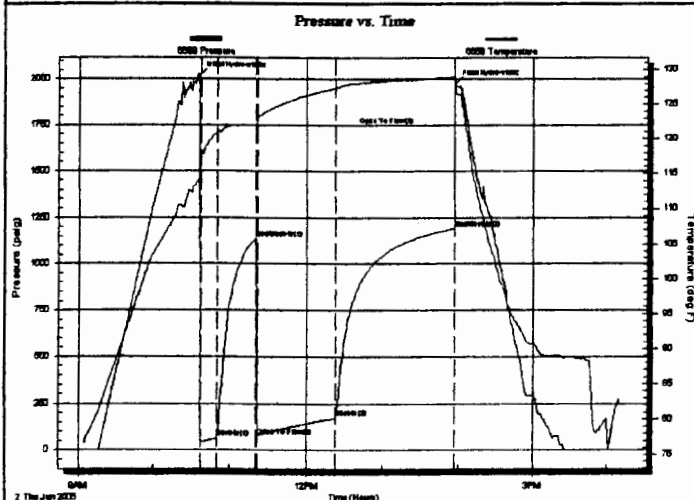
Capacity: 7000.00 psig

Last Calib.: 2005.06.02

Time On Btm: 2005.06.02 @ 10:35:43

Time Off Btm: 2005.06.02 @ 13:58:13

TEST COMMENT: IF: Strong blow b.o.b in 20 sec.
IS: Bled down for 5 mins. no blow back.
FF: Strong blow b.o.b in 15 sec. GTS in 5 mins. gauge gas.
FS: Bled down for 10 mins. weak surface blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2017.44	113.81	Initial Hydro-static
2	46.96	117.70	Open To Flow (1)
15	63.61	120.93	Shut-In (1)
45	1137.91	122.05	End Shut-In (1)
46	73.42	122.89	Open To Flow (2)
107	172.82	127.36	Shut-In (2)
202	1189.71	128.89	End Shut-In (2)
203	1975.96	126.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3741' of gip	0.00
250.00	SM&GCW 15% gas 80% water 5% mud	3.51
60.00	MCGW 10% gas 70% water 20% mud	0.84

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)
First Gas Rate	0.13	0.50	5.58
Last Gas Rate	0.13	7.80	8.31
Max. Gas Rate	0.13	7.80	8.31



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

MKJ Oil, LLC

#2-A Reida SWD

705 East Ninth street
Harper, Kansas. 67058

18-30S-6W

Job Ticket: 20706

DST#: 1

ATTN: Bob Stolzel

Test Start: 2005.06.02 @ 09:04:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

75000 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.20 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3741' of gip	0.000
250.00	SM&GCW 15%gas 80%water 5%mud	3.507
60.00	MCGW 10%gas 70%water 20%mud	0.842

Total Length: 310.00 ft Total Volume: 4.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .09@82degrees=75000



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MKJ Oil, LLC

#2-A Reida SWD

705 East Ninth street
Harper, Kansas. 67058

18-30S-6W

Job Ticket: 20706

DST#: 1

ATTN: Bob Stolzel

Test Start: 2005.06.02 @ 09:04:58

Tool Information

Drill Pipe:	Length:	4051.00 ft	Diameter:	3.80 inches	Volume:	56.82 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	62000.00 lb
					Total Volume:	56.82 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		6.00 ft					String Weight: Initial	58000.00 lb
Depth to Top Packer:		4074.00 ft					Final	58000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		26.00 ft						
Tool Length:		55.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4046.00	
Shut In Tool	5.00			4051.00	
Hydraulic tool	5.00			4056.00	
Jars	5.00			4061.00	
Safety Joint	3.00			4064.00	
Packer	5.00			4069.00	29.00 Bottom Of Top Packer
Packer	5.00			4074.00	
Stubb	1.00			4075.00	
Recorder	0.00	6668	inside	4075.00	
Anchor	22.00			4097.00	
Recorder	0.00	13266	Outside	4097.00	
Bullnose	3.00			4100.00	26.00 Bottom Packers & Anchor

Total Tool Length: 55.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

MKJ Oil, LLC

#2-A Reida SWD

705 East Ninth street
Harper, Kansas. 67058

18-30S-6W

Job Ticket: 20706

DST#: 1

ATTN: Bob Stolzel

Test Start: 2005.06.02 @ 09:04:58

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.13	0.50	5.58
2	10	0.13	0.50	5.58
2	15	0.13	2.50	6.33
2	20	0.13	3.00	6.51
2	25	0.13	3.30	6.62
2	30	0.13	4.50	7.07
2	35	0.13	5.30	7.37
2	40	0.13	6.00	7.63
2	45	0.13	6.20	7.71
2	50	0.13	6.70	7.90
2	55	0.13	7.30	8.12
2	60	0.13	7.80	8.31

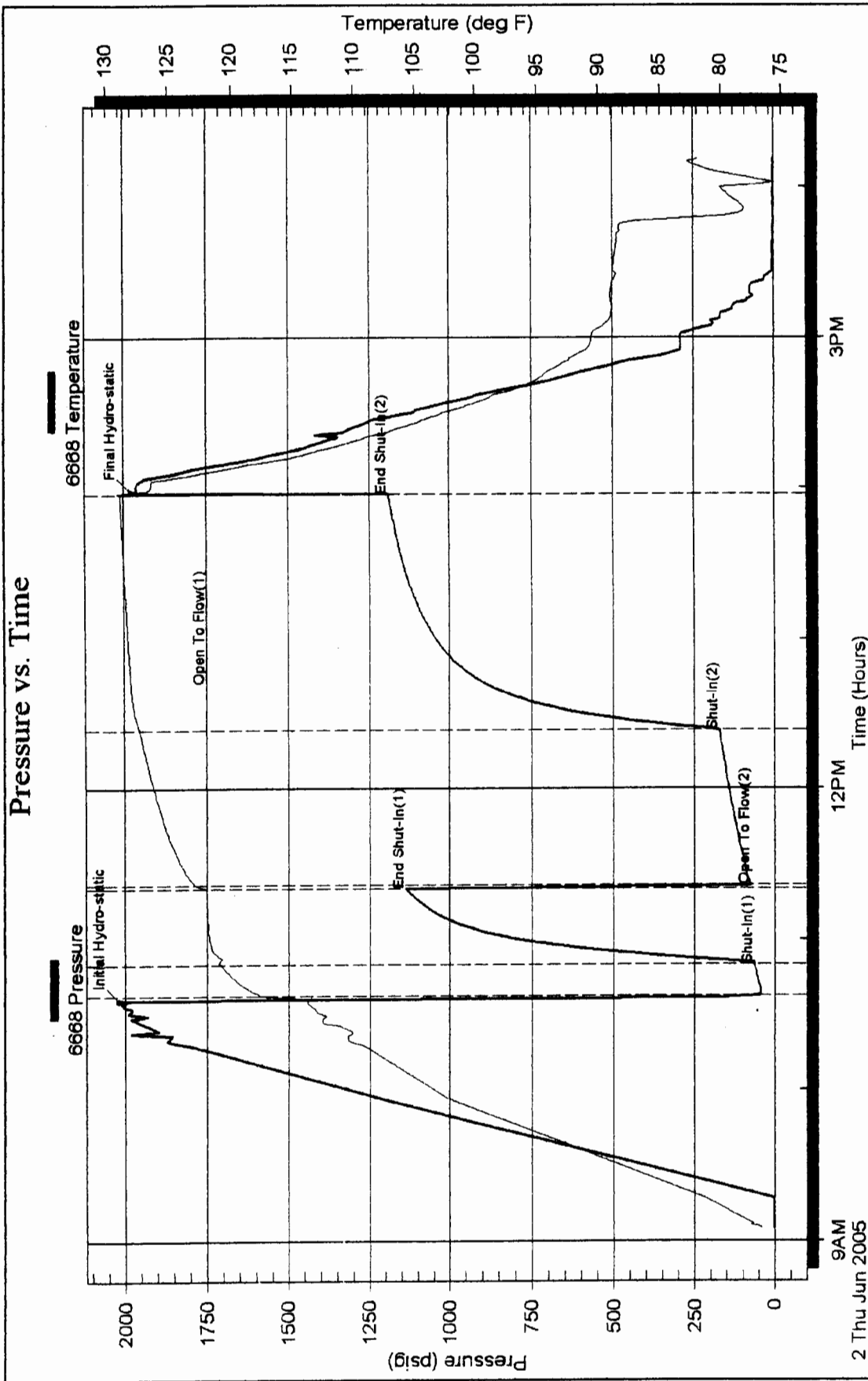
Serial #: 6668

MKJ Oil, LLC

18-30S-6W

DST Test Number: 1

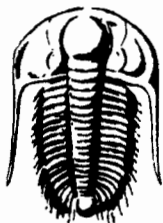
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 20706

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

20706

05/03

Test Ticket

Well Name & No.	#2-A SWD Reid		Test No.	#1	Date	6/2/05
Company	MKJ Oil, LLC 705 East 9 th St.		Zone Tested	Miss.		
Address	Harper, Kansas 67058		Elevation	1431	KB	1423
Co. Rep / Geo.	Bob Stolzle	Cont.	Duke #1	Est. Ft. of Pay	Por. %	
Location: Sec.	18	Twp.	30S	Rge.	6W	Co. Kingman, Co
No. of Copies	5	Disbtribution Sheet (Y, N)	Turnkey (Y, N)		Evaluation (Y, N)	

Interval Tested	4074 - 4100'	Initial Str Wt./Lbs.	58000	Unseated Str Wt./Lbs.	58000
Anchor Length	26'	Wt. Set Lbs.	20000	Wt. Pulled Loose/Lbs.	62000
Top Packer Depth	4069'	Tool Weight	2100		
Bottom Packer Depth	4074'	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	4100'	Wt. Pipe Run	N/A	Drill Collar Run	N/A
Mud Wt.	9.3	LCM	4#	Vis.	41
		WL	11.2	Drill Pipe Size	4 1/2 x H
				Ft. Run	4051'

Blow Description IT: Strong blow b.o.b in 20 sec.
 TST: Bled down for 5 mins. No blow back.
 FT: Strong blow b.o.b in 15 sec. GTS in 5 mins. Gauge gas.
 FST: Bled down for 10 mins. Weak surface blow back.

Recovery - Total Feet	310'	GIP	3741'	Ft. in DC		Ft. in DP	
Rec.	60'	Feet of	MCGW	10 %gas	%oil 70	%water 20	%mud
Rec.	250	Feet of	USMFGW	15 %gas	%oil 80	%water 5	%mud
Rec.	3741'	Feet of	GIP	%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	629°	*F Gravity		*API D @		*F Corrected Gravity	
RW	.09	@ 82	*F	Chlorides 25,000	ppm Recovery	Chlorides 4,000	ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	2017	PSI	Recorder No.	6668	Test	✓
(B) First Initial Flow Pressure	47	PSI	(depth)	4075'	Elec. Rec.	✓
(C) First Final Flow Pressure	64	PSI	Recorder No.	13266	Jars	✓
(D) Initial Shut-In Pressure	1138	PSI	(depth)	4097'	Safety Jt.	✓
(E) Second Initial Flow Pressure	73	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure	123	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure	1190	PSI	Initial Opening	15	Straddle	
(Q) Final Hydrostatic Mud	1976	PSI	Initial Shut-In	30	Ext. Packer	
			Final Flow	60	Shale Packer	
			Final Shut-In	90	Mileage	64
			T-On Location	0820	Sub Total:	
			T-Started	0904	Std. By	
			T-Open	1035	Other	
			T-Pulled	1350	Total:	
			T-Out	1610		

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Approved By *Robert Stolzle*

Our Representative *Robert Stolzle*