



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1161616  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1161616

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Slawson Exploration Company, Inc.
Well Name	James AY 3
Doc ID	1161616

Tops

Name	Top	Datum
Anh	2703	+492
B/Anh	2732	+463
Wabaunsee	3742	-547
Hbn	4087	-892
Lns	4134	-939
Muncie Creek	4273	-1078
Stk	4354	-1159
BKC	4411	-1216
Marmaton	4436	-1241
Pawnee	4546	-1351
Myrick Station	4580	-1385
Uck	4594	-1399
Ft Scott	4600	-1405
Lck	4329	-1434
John Z	4672	-1477
Msp	4746	-1551

# PATRICK J. DEENIHAN

PETROLEUM GEOLOGIST

316-640-5611  
P.O. BOX 781929

PJDEENIHAN@COX.NET  
WICHITA, KS 67278

## GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR SLAWSON EXPLORATION COMPANY, INC.

LEASE JAMES AY # 3

FIELD JIMMY SOUTHEAST

LOCATION 1800' FNL-2146 FEL

SEC. 23 TWP. 10<sup>s</sup> RGE. 34<sup>w</sup>

COUNTY THOMAS STATE KANSAS

CONTRACTOR WJD DRILLING, LLC R19 B

COMD. 08-29-13 COMP. 09-06-13

RTD. 4800' LOG TD. 4803'

SAMPLES SAVED FROM 4000' TO T.D.

DRILLING TIME KEPT FROM 4000' TO T.D.

SAMPLES EXAMINED FROM 4000' TO T.D.

GEOLOGICAL SUPERVISION FROM 4000' TO T.D.

MUD UP 3575' TYPE MUD CHEMICAL

API # 15-193-20898-00-00

FORMATION	TOP	LOG	DATE	TOP	SAMPLE	DATE	STRUCT.
							COMP.
ANHYDRITE	2703	(+492)		2123	(+492)		-3
BASE/ANHY.	2732	(+463)		2732	(+463)		-5
HEGGLER	4087	(-892)		4084	(-889)		-6
LANSING	4134	(-939)		4123	(-928)		-16
MUNCE CREEK	4273	(-1078)		4264	(-1069)		-14
STARK SHALE	4354	(1159)		4350	(1155)		-9
BASE/Ks. CITY	4411	(1216)		4402	(1211)		-7
MARWATON	4484	(1241)		4437	(1222)		-2
PAWNEE	4546	(1351)		4543	(1348)		-7
MYRICK STAT.	4580	(1385)		4577	(1382)		-7
UP. CHEROKEE	4594	(1399)		4589	(1394)		-9
FT. SCOTT	4600	(1405)		4595	(1400)		-9
LAR. CHEROKEE	4329	(1634)		4025	(1430)		-8
JOHNSON ZONE	4672	(1477)		4648	(1473)		-8
MISSISSIPPIAN	4746	(1551)		4723	(1528)		-5

ELEVATION  
KB 3195'  
DF 3193'  
CL 3190'  
Measurements Are All  
From K.B.

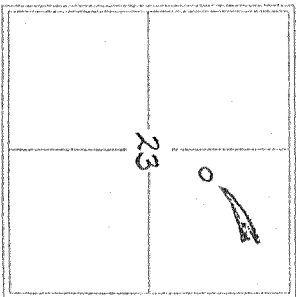
### CASING RECORD

SURFACE 878" @ 303'

PRODUCTION 4 1/2" TO 4800'

### WELL LOG SURVEYS

WEATHERFORD  
DIL-SP-QR,  
CWL-COL-M.L.



## LEGEND

Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool.Lime	Chert	Dolomite

SCALE " = 100'

DEPTH	SAMPLE DESCRIPTION	REMARKS
2700	ANHYDRITE 2703 (+492)	
10		
20		
30	BASE/ANHY. 2732 (+463)	
40		

DATE	TIME	DEPTH	DESCRIPTION
8-29-13	5:00 PM	2700	ANHYDRITE
8-30-13	6:00 PM	2732	BASE/ANHY
8-31-13	2:00 PM	2865	HEGGLER
9-01-13	3:00 PM	3750	LANSING
9-02-13	4:30 PM	4350	MUNCE CREEK
9-03-13	4:48 PM	4488	STARK SHALE
9-04-13	4:35 PM	4635	BASE/Ks. CITY
9-05-13	4:80 PM	4800	PAWNEE
9-06-13	10:44 AM	4803	LOGGING

REFERENCE WELL FOR STRUCTURAL COMPARISON

SECT 5 JAMES AY # 1

23-10<sup>s</sup>-34<sup>w</sup> 2300 FNL-1320 FEL

THOMAS CO. KANSAS

SH., BLACK CARB.

LS., CRM, BRN - MOTT, P-FN-XLN, TRC  
OF P-FSSL & NO SHOW

4000

SS. CLEAR TO GLAUCONITIC - FN-GRN. SORT  
FRABLE No SHOW  
SH., GRAY, GRN

LS., WHT, LT GRY, TAN - SING, FN-XLN  
SLI-FSSL, SUB-CHALKY - No  
SHOW

SH., BRN-GUMMY, GRY-ORG - SAMP.  
WASHES BRN.

LS., CRM, BRN, LT GRY - MOTT - P-FN-  
XLN, P-FSSL SHALE INCLUSIONS  
CHALKY w/ DEPTH - No SHOW

SH., BLACK CARB.

SH., BLK, GRY - SLI-VARI-COLOR

50

LS., CRM, LT GRY - SING - No  
VIS. of NO SHOW

SH., GRY, BRN, GRN - ANGLE

LS., WHT-CRM, LT GRY - P-FN-XLN  
P-FSSL - CHALKY - No SHOW

HEEBNER

4084 (-889)

SH., BLACK CARB

SH., ABUND. BROWN - GRY, GRN, ORG, &  
GRY

4100

LS., TAN - FSSL, P-FN-XLN  
SUB-CHALKY w/ DEPTH  
No SHOW

SH., BRN, GRY

LANSING

4123 (-928)

LS., WHT CRM, LT GRY - FN-XLN  
FSSL IN PART, SUB-CHALKY  
No SHOW

SH., ROUND VARI-COLOR

50

LS., CRM - FN-XLN, SUB-CHALKY

F-INTER-XLN & PP - ✓  
No SHOW

SH., GRAY  
LS., WHT CRM - SING - FN - XLN  
CHALKY FSSL IN PART  
W/ DEPTH. NO SHOW



4200

SH., LT GRAY, GRAY, BRN-ARGIL  
LS., CRM-FN-MCO-XLN-P-PP  
To F-INTER-XLN - NO  
SHOW

LS., A/A CHALKY

SH., GRAY & RD-BRN-V. ARGIL  
LS., WHT LT GRAY, CRM - SING - FN - XLN  
To FSSL, CHALKY W/ DEPTH  
NO SHOW



50

LS., WHT LT GRAY - SING - FN - XLN  
To FFP POROSITY, BLACK  
GIBBSITIC SPTY SYN-TR. OF  
FO UPON CRUSHING - NO ODDOR  
NO FLUOR.

MUNCIE CREEK  
4264 (-1069)

SH., BLACK CARB  
LS., CRM-FN-XLN & CHALKY - NO  
SHOW

SH., VARI-COLOR

LS., WHT CRM - MICRO - XLN FN - XLN  
SLI-FSSL P-P - CHALKY W/  
DEPTH - NO SHOW.

LS., AS) ABOVE - CHERTY (FRESH)  
NO SHOW

-CFS- 4300

SH., BLK CARB, DK GRAY & DK GRN

SH., VARI-COLOR

LS., CRM, TAN, BRN - MOTT - V-P-FN  
XLN & SLI-FSSL - NO SHOW

DST #1 (4321' - 4350')  
30" - 20" - 20" - 20"  
1F: WK SURF-DIED IN 13 MIN - NO B.B.  
FP: No Blow - No RETURN  
REC: 10' MUD  
IHP: 2133 FNP: 2096  
IFP: 1670 FFP: 2910  
LSIP: 810 FSP: 735  
BMT: 119° CHL: 4,100 (SYSTEM)

SH., GRAY, DK GRN & BRN-ARGIL.

LS., WHT CRM, LT GRAY - FN - XLN -  
SUB CHALKY TR. OF CHERT  
WHT (SLI-FSSL) CRM, LT GRAY  
NO SHOW  
SH., VARI - CARB

PIPE STRAP = .89 LONG  
REV: 3/4

-CFS- 50

LS., CRM - FN - XLN, FSSL - SUB-CHALKY  
F-SSLO UPON CRUSHING SPTY  
OIL STR. ON GENERAL RES - FRESH  
ODOR - WHEN CRUSHED, STRONG  
ODOR - SHT. ROSE STR; F-FLUOR

SH., BLACK CARB.  
SH., VARI-COLOR

MUD @ 4350'  
VIS: 64 WT: 9.3 WL: 8.2  
CHL: 4100 LCM: 1#

LS., CRM - FN - XLN - FSSL - SHALLOW  
PP - HARD TO FRIABLE F-SSLO  
SLI-GASSY - GOOD SHT. ODDOR -

-CFS-

LS., CRM, BRN-LT GRAY - MICRO - XLN, MOTT  
TR. OF BLACK F.O. - N&FO - SULFUR  
ODOR - NO FLUOR - CHERTY

SH., BLACK CARB



SH., BLACK, BRN, ORG, GRY, GRN - ARGIL

4400

BASE/Ks. CITY  
4406 (-1211)

LS., CRM, LT, GRY, SING - FN-XLN SLL - FSSL SHALLOW PP - CHERTY NO SHOW

SH., VAR-COLOR

LS., CRM, TAN - SUB-CHALKY, FN-XLN NO SHOW

SH., SLI-VARI-COLOR-FACDOM, GRN'S  
SH., BLACK CARB; GRY-ARGIL

LS., WHI, CRM, BRN - MICRO-XLN MOTT - SUB-CHERTY-FRESH TO SLL-WEATHERED.

SH., VARI-COLOR

LS., LT GRV-CRM-FN-XLN-CHALKY NO SHOW

SH., BLACK CARB

SH., VARI-COLOR

LS., CRM, TAN, BRN - MOTT - MICRO-XLN - TO V. CHERTY NO SHOW

50

LS., (A) (A) (W) VARI-COLOR SHALE

SH., BLACK CARB

SH., VARI-COLOR

LS., LT. GRV-CRM-SING-FN-XLN, FSSL HARD, NO SHOW  
SH., GRV, DK GRV

4500

LS., WHI, CRM, LT GRV-FN-XLN, FSSL SLI-CHALKY, TRC OF WHI TO GRV CHERTY FRESH, V. SLL-FSSL - NO SHOW

SH., BLACK CARB

SH., VARI-COLOR

LS., CRM, WHI, LT GRV-TAN - SING/MOTT MICRO-XLN - TRC OF P-FN-XLN MOTT CHERTY - DK BRN EDGE STN V-P-FSSL - NO SHOW OF LFO, NO OOR NO FLUOR

50

PAWNEE  
4543 (-1348)

SH., BLACK CARB

SH., VARI-COLOR

LS., LT GRV-CRM, TAN-FN-XLN & FN-XLN WITH FSSL & P-INTER-XLN & INTER FSSL - CHERTY-FRESH TO SLL-WEAT FAIR LT BRN EDGE STN W/ PARTIAL SRT STN OR SERV. P. GILSONITE STN TRC OF MED BRN FID, GOOD DARK FLOW SA - WELL TO BRIGAT - SRTY.

4600

MYRICK STATION  
4577 (-1382)

UP. CHEROKEE SH.  
4589 (1394) - CFS - FT SCOTT

4595 (-1400)

LS., CRM-TAN-FN-XLN-FSSL-CHALKY NO SHOW

MUD ✓ @ 4540  
VIS: 58 WT: 9.4 W.L. 8.8  
CHL: 4000 LCM: 1"

DST # 2 (4566'-4591')  
30"-45" - 30" - 45"  
IF: BOB IN 9 MIN; 5" RETURN IN 45 MIN.  
IF: BOB IN 6.5 MIN; BOB IN 63 MIN.  
REC: 940 GIP; 435' TOTAL FLUID  
135' GOMCW (10% G; 65% OIL; 5% W; 20% M)  
60' GOMCW (10% G; 10% OIL; 10% W; 70% M)  
120' GOMCW (5% G; 10% OIL; 65% W; 20% M)  
120' GOMCW (5% G; 5% OIL; 85% W; 5% M)  
1HP: 2283 FHP: 2275  
1FP: 46/139 FFP: 153/211  
1SIP: 336 FSIP: 363  
BHT: 136 CHL: 17,000  
NO GRAVITY - NO FREE OIL

LWR. CHEROKEE SH.  
4625 (-1430)

JOHNSON ZONE  
4668 (-1473)

MISSISSIPPIAN  
4743 (-1548)

TOTAL DEPTH REACHED  
4:46 P.M. on 9-04-13

LS., TAN-MOTT-DENSE FN-XLN  
F-FSSL NO SHOW

SH., BLACK CARB

LS., CRM, GRY - SING/METT-MICRO  
TAN-V-SLI-FSSL - LT GRV  
CRM = FRESH CHERT CHALKY  
W) DEPTH. NO SHOW

SH., BLACK CARB

SH., VARI-COLOR & BLACK  
CARB.

LS., LT GRV, GRV-TAN-BRN-MOTT-  
V.P. MICRO-XLN TO SUB-CHALKY N.S.  
SH., LT GRN, GRN, GR-BLK, BRN ORG

LS. CRM-TAN-SING-MICRO TO TN-XLN  
F-FSSL - PPT TO VUG - G-SLEGO  
GOOD OOR - G-VG FLUOR - SPOTTY  
TO SATURATED (STN-FRST TO SAT)  
CHERT FRESH TO WITH STN.

LS. - AS ABOVE LESS SHOW WITH  
WK TO FAIR OOR

LS., A/A WITH INCREASE IN SHALE  
OOR - A LITTLE LESS FSSL &  
ABUND. FRESH CHERT W  
NO SHOW

SH., ABUND VARI-COLOR

SH., A/A W/ SS CLUSTERS IN GRAINED  
SORTED-CALCITIC MATRIX TO  
COARSE GRAINED P-SORTED SILICA  
MATRIX NO SHOW

CH., ABUND. FRESH GRV TO CRM  
NO SHOW

LS. WHT-CRM-SING FN-XLN TO  
V. CHALKY NO SHOW

LS., A/A W/ A FEW Pcs OF  
FRESH CRM CHERT

SH., VARI-COLOR LS., A/A  
NO SHOW

RTD = 4800 (-1605')

MUD ✓ @ 4591

VIS: 59 WT: 9.4 WL: 9.6

CHK: 4500 LCM: 1#

50

4700

50

4800





# ALLIED OIL & GAS SERVICES, LLC 061327

Federal Tax I.D. # 20-8651475

REMIT TO: P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, KS

DATE <u>7-29-08</u>	SEC. <u>23</u>	TWP. <u>10</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>5:00 pm</u>	JOB START <u>7:30 pm</u>	JOB FINISH <u>8:00 pm</u>
LEASE <u>James AY</u>	WELL # <u>3</u>	LOCATION <u>Monument 2nd, S, (LW)</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>S 1st</u>			

CONTRACTOR WWP  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4" T.D. 303  
 CASING SIZE 8 7/8" DEPTH 307.65  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 151  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 18.72 bbl

OWNER James  
 CEMENT AMOUNT ORDERED 225 sks com 8200  
220 gal

EQUIPMENT  
 PUMP TRUCK CEMENTER Harvey & Went  
 # 423/28 HELPER Paul Beaver  
 BULK TRUCK # 347 DRIVER Chris Helpingster  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>225 sks</u>	@	<u>17.20</u>	<u>4029.50</u>
POZMIX		@		
GEL	<u>4 sks</u>	@	<u>23.20</u>	<u>93.60</u>
CHLORIDE	<u>88 lb</u>	@	<u>64.00</u>	<u>512.00</u>
ASC		@		
HANDLING	<u>243.3 gal</u>	@	<u>2.48</u>	<u>603.38</u>
MILEAGE	<u>16.14 mi</u>	@	<u>20 X 2.60</u>	<u>577.20</u>
TOTAL				<u>5813.68</u>

REMARKS:  
Mix 225 sks cement  
Displace with water  
Return to id circulate  
Thank you

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1512.25</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>7.70</u> <u>154.00</u>
MANIFOLD	<u>20</u>	@	<u>4.40</u> <u>88.00</u>
		@	

CHARGE TO: Stawson Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 8029.25

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 7,842.93  
 DISCOUNT 1,568.58 IF PAID IN 30 DAYS  
6,274.34 Net.

PRINTED NAME Steve Datcher  
 SIGNATURE [Signature]

# ALLIED OIL & GAS SERVICES, LLC 060749

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

DATE <u>9-5-13</u>	SEC. <u>23</u>	TVP. <u>10</u>	RANGE <u>34</u>	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>9:00 AM</u>	JOB START <u>12:00 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Jones #1</u> WELL# <u>3</u>		LOCATION <u>Monument 2<sup>40</sup> 5<sup>N</sup> 1<sup>W</sup> S. 2<sup>1/2</sup></u>			COUNTY <u>THOMAS</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR W9108 OWNER Same

TYPE OF JOB <u>Production top stage</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D.	AMOUNT ORDERED <u>300 SKS 1 1/2 # 90 seal</u>
CASING SIZE _____ DEPTH _____	
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL <u>DV Tool</u> _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	
MEAS. LINE _____ SHOE JOINT _____	
CEMENT LEFT IN CSG. _____	
PERFS. _____	
DISPLACEMENT <u>44 1/4</u>	
EQUIPMENT	

PUMP TRUCK CEMENTER <u>Kelly Label</u>	COMMON _____ @ _____
# <u>120</u> HELPER <u>Tyler &amp; Lipse</u>	POZMIX _____ @ _____
BULK TRUCK _____	GEL _____ @ _____
# <u>602</u> DRIVER <u>Elio Camp (TWS)</u>	CHLORIDE _____ @ _____
BULK TRUCK _____	ASC _____ @ _____
# <u>566</u> DRIVER <u>David Castanheira</u>	1 1/2 # <u>300 SKS @ 15.92 12,760.00</u>
	Flt-seal <u>200 SKS @ 2.92 594.00</u>
	HANDLING <u>300 SKS @ 2.48 744.00</u>
	MILEAGE <u>30.00 x 20 x 2 = 1200</u> <u>1788.00</u>
	<u>34.41 ton</u> TOTAL <u>17,387.35</u>

**REMARKS:**

safety meeting, mixed 300 SKS  
Rt, mixed 700 SKS into down center  
washed pumps, released plug & displaced  
with 44 bbl water, lost circulation  
5 bbl into displacement did not  
get back, final lift pressure 850 #  
plug landed @ 300 #, released pressure  
float held.  
*Thank you Kelly & crew*

**SERVICE**

DEPTH OF JOB _____	PUMP TRUCK CHARGE <u>2400.00</u>
EXTRA FOOTAGE _____ @ _____	MILEAGE _____ @ _____
MANIFOLD _____ @ _____	

CHARGE TO: Stawson Exploration

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 2400.00

**PLUG & FLOAT EQUIPMENT**

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____

TOTAL \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Rodney Jaworski

SIGNATURE Rodney Jaworski

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 19,793.35

DISCOUNT 3,958.67 IF PAID IN 30 DAYS

15,834.68 Net.

# ALLIED OIL & GAS SERVICES, LLC 060748

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley, KS

DATE <u>9-5-13</u>	SEC. <u>26</u>	TWP. <u>10</u>	RANGE <u>34</u>	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>3:00 PM</u>	JOB START <u>8:00</u>	JOB FINISH <u>9:00</u>
LEASE <u>Jammy</u>		WELL # <u>3</u>		LOCATION <u>Monument 2 W 5 N 10 S 10 T 0</u>		COUNTY <u>Thomas</u>	STATE <u>KS</u>
<input checked="" type="checkbox"/> OLD <input type="checkbox"/> NEW (Circle one)							

CONTRACTOR W & W S OWNER same  
 TYPE OF JOB Production Bottom Stage  
 HOLE SIZE 7 7/8 I.D. 4800  
 CASING SIZE 4 1/2 12.15 DEPTH 4747  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL DV \_\_\_\_\_ DEPTH 2787  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 21.16  
 CEMENT LEFT IN CSG. 21.16'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 75 gal 3 water 44 mud

CEMENT \_\_\_\_\_  
 AMOUNT ORDERED 30' 249 SKS ASC 16070.5414  
20 gal, 5# gilsonite  
12 bbl. superflush  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 45K @ 2342 9300  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC 30000 SKS @ 7020 627000  
 \_\_\_\_\_ @ \_\_\_\_\_  
solt 15 @ 2635 65875  
gilsonite 15 @ 98 14700  
 \_\_\_\_\_ @ \_\_\_\_\_  
superflush 12 bbl @ 5820 70440  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 268, 45 cu ft @ 240 64575  
 MILEAGE 11.72 on 226 x 2 @ \_\_\_\_\_ 60944

EQUIPMENT

PUMP TRUCK CEMENTER Kelly Gabel  
 # 120 HELPER Tyler Felipe  
 BULK TRUCK \_\_\_\_\_  
 # 600 DRIVER Edie Stand TUSD  
 BULK TRUCK \_\_\_\_\_  
 # 566 DRIVER Brandon Wilkinson  
373

TOTAL 10,471.95

**REMARKS:**

safety meeting, rigged up  
man float equipment, circulation on  
bottom of 1hr, mixed 3000 SKS OAC  
washed up, released plug, displaced  
10 in 3 bbl water & 4 bbl mud  
with pressure of 250# pluglanded @  
1250#, dropped DV Bomb, opened tank  
circulation for 2 hrs

SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 2765.75  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 113 HV 20 @ 720 15400  
 MANIFOLD Head \_\_\_\_\_ @ \_\_\_\_\_ 275.00  
MILV 20 @ 470 9400  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 3282.75  
500.00

CHARGE TO: Stawson Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

4 1/2 weatherford \_\_\_\_\_  
DV Tool @ \_\_\_\_\_ 4836.50  
guide shoe @ \_\_\_\_\_ 224.64  
AFH float collar @ \_\_\_\_\_ 408.33  
(12) centralizers @ 56.12 673.44  
(2) baskets @ 315.00 630.00  
 TOTAL 6170.39

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES 19,924.99  
 DISCOUNT 3,984.99 IF PAID IN 30 DAYS  
15,939.99 Net.

PRINTED NAME Randley Agard  
 SIGNATURE Randley Agard

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 15, 2013

Steve Slawson  
Slawson Exploration Company, Inc.  
204 N ROBINSON AVE STE 2300  
OKLAHOMA CITY, OK 73102-6891

Re: ACO1  
API 15-193-20898-00-00  
James AY 3  
NE/4 Sec.23-10S-34W  
Thomas County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Steve Slawson



## DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Company Inc.**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**James AY #3**

**23-10s-34w Thomas,KS**

Start Date: 2013.09.02 @ 15:00:00

End Date: 2013.09.02 @ 19:37:45

Job Ticket #: 52859                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.06 @ 09:22:09





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Slawson Exploration Company Inc.

**23-10s-34w Thomas,KS**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

**James AY #3**

Job Ticket: 52859

**DST#: 1**

ATTN: Pat Deenihan

Test Start: 2013.09.02 @ 15:00:00

## GENERAL INFORMATION:

Formation: " J "

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:44:00

Time Test Ended: 19:37:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

**Interval: 4321.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Reference Elevations: 3195.00 ft (KB)

Total Depth: 4350.00 ft (KB) (TVD)

3190.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8845 Outside**

Press @ Run Depth: 26.30 psig @ 4322.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.02

End Date:

2013.09.02

Last Calib.: 2013.09.02

Start Time: 15:00:05

End Time:

19:37:44

Time On Btm: 2013.09.02 @ 16:43:45

Time Off Btm: 2013.09.02 @ 18:14:15

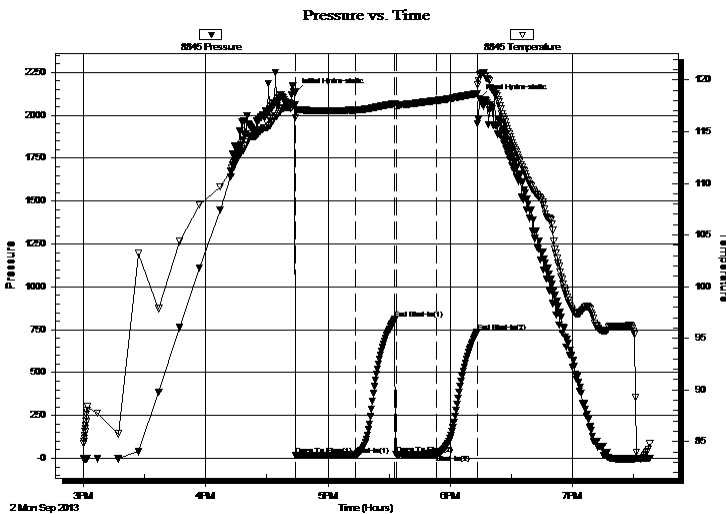
**TEST COMMENT:** IF: Weak Surface Blow died @ 13 min.

IS: No Return.

FF: No Blow.

FS: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.41	117.56	Initial Hydro-static
1	15.72	116.37	Open To Flow (1)
30	20.23	117.10	Shut-In(1)
49	809.74	117.70	End Shut-In(1)
50	24.45	117.48	Open To Flow (2)
70	26.30	118.01	Shut-In(2)
90	734.56	118.69	End Shut-In(2)
91	2096.24	120.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Slawson Exploration Company Inc.

**23-10s-34w Thomas,KS**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

**James AY #3**

Job Ticket: 52859

**DST#: 1**

ATTN: Pat Deenihan

Test Start: 2013.09.02 @ 15:00:00

## Tool Information

Drill Pipe:	Length: 4190.00 ft	Diameter: 3.80 inches	Volume: 58.77 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4321.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4294.00	
Shut In Tool	5.00			4299.00	
Hydraulic tool	5.00			4304.00	
Jars	5.00			4309.00	
Safety Joint	3.00			4312.00	
Packer	5.00			4317.00	28.00 Bottom Of Top Packer
Packer	4.00			4321.00	
Stubb	1.00			4322.00	
Recorder	0.00	6772	Outside	4322.00	
Recorder	0.00	8845	Outside	4322.00	
Perforations	23.00			4345.00	
Bullnose	5.00			4350.00	29.00 Bottom Packers & Anchor

**Total Tool Length: 57.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Slaw son Exploration Company Inc.

**23-10s-34w Thomas,KS**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

**James AY #3**

Job Ticket: 52859

**DST#: 1**

ATTN: Pat Deenihan

Test Start: 2013.09.02 @ 15:00:00

## 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:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

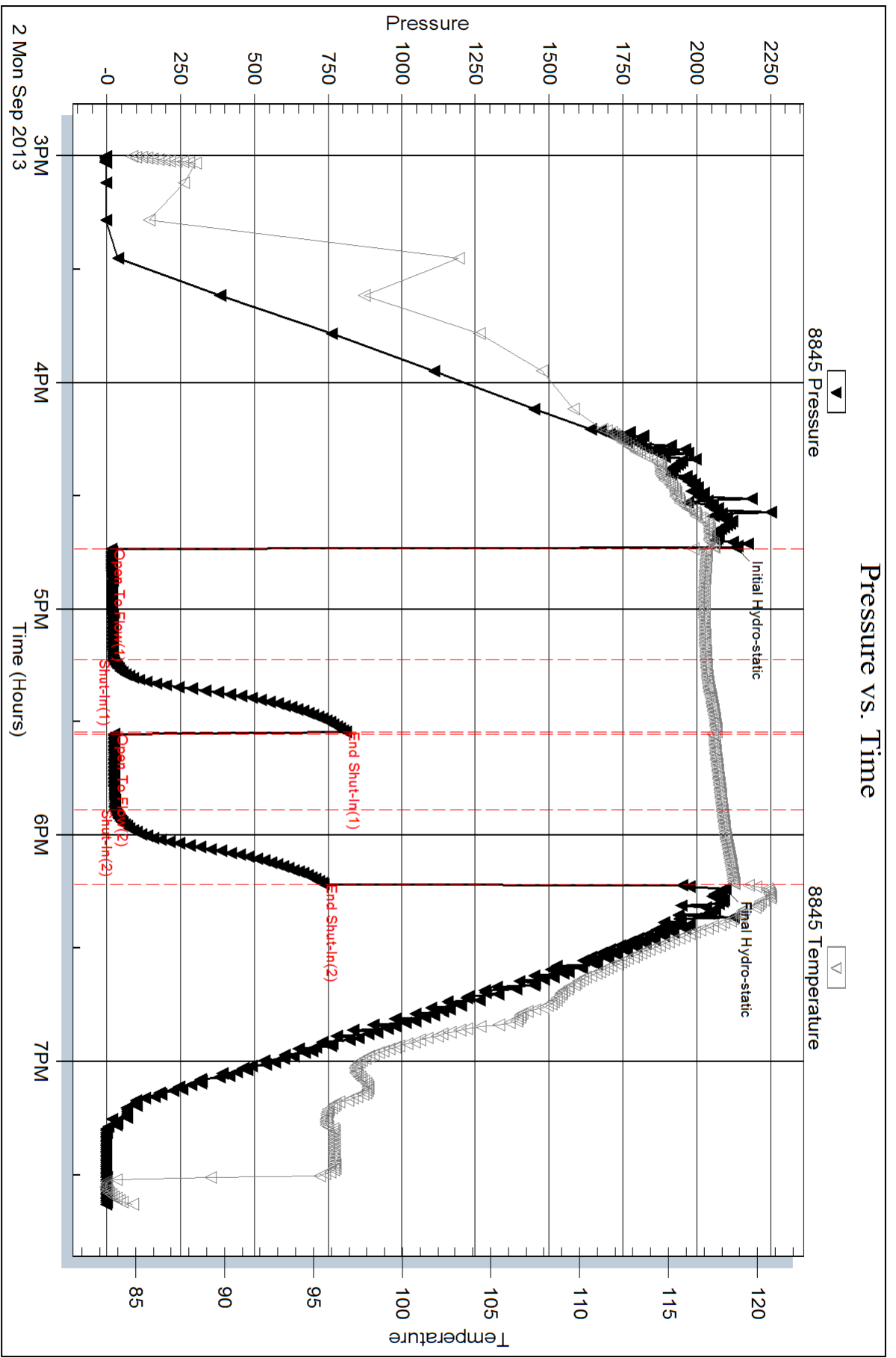
Recovery Comments:

Serial #: 8845

Outside Slaw son Exploration Company Inc.

James AY #3

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 52859

Printed: 2013.09.06 @ 09:22:11

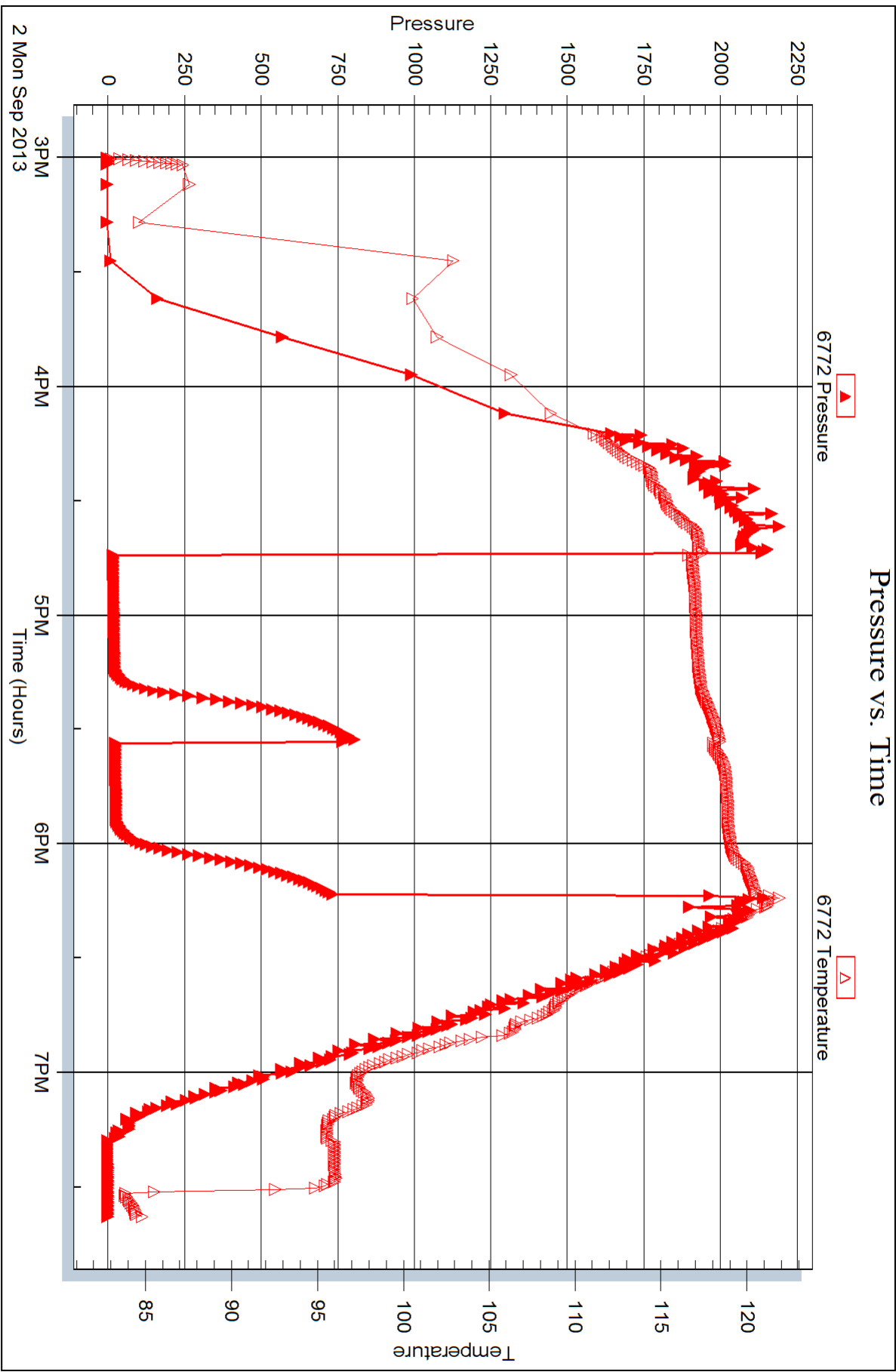
Serial #: 6772

Outside

Slaw son Exploration Company Inc.

James AY #3

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 52859

Printed: 2013.09.06 @ 09:22:11





## DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Company Inc.**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

ATTN: Pat Deenihan

**James AY #3**

**23-10s-34w Thomas,KS**

Start Date: 2013.09.03 @ 18:14:00

End Date: 2013.09.04 @ 01:52:30

Job Ticket #: 52860                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.06 @ 09:08:01



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Slawson Exploration Company Inc.

**23-10s-34w Thomas,KS**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

**James AY #3**

Job Ticket: 52860

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2013.09.03 @ 18:14:00

## GENERAL INFORMATION:

Formation: **Myrick Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:50:00

Time Test Ended: 01:52:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

**Interval: 4566.00 ft (KB) To 4591.00 ft (KB) (TVD)**

Total Depth: 4591.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3195.00 ft (KB)

3190.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8845 Outside**

Press @ Run Depth: 210.94 psig @ 4567.00 ft (KB)

Start Date: 2013.09.03

End Date:

2013.09.04

Start Time: 18:14:05

End Time:

01:52:29

Capacity: 8000.00 psig

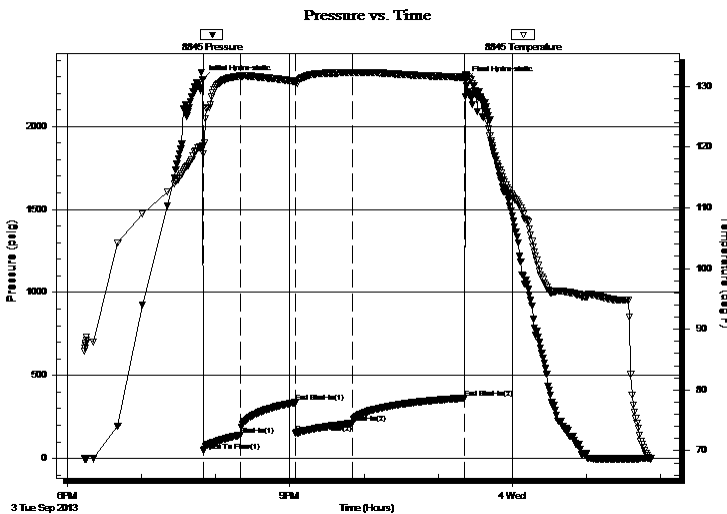
Last Calib.: 2013.09.04

Time On Btm: 2013.09.03 @ 19:49:45

Time Off Btm: 2013.09.03 @ 23:22:15

**TEST COMMENT:** IF: BOB @ 9 min.  
IS: Bled off for 4 min. 5" Return.  
FF: BOB @ 6 1/2 min.  
FS: Bled off for 4 min. BOB Return 63 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2282.62	120.19	Initial Hydro-static
1	46.03	118.90	Open To Flow (1)
30	139.19	131.67	Shut-In(1)
75	336.30	130.84	End Shut-In(1)
75	152.88	130.70	Open To Flow (2)
122	210.94	132.26	Shut-In(2)
212	362.55	131.51	End Shut-In(2)
213	2274.54	131.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOMCW 5g 5o 5m 85w	0.59
120.00	GOMCW 5g 10o 20m 65w	1.67
60.00	GOWCM 10g 10o 10w 70m	0.84
135.00	GWMCO 5 w 10g 20m 65o	1.89
0.00	940' GIP	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Slawson Exploration Company Inc.

**23-10s-34w Thomas,KS**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

**James AY #3**

Job Ticket: 52860

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2013.09.03 @ 18:14:00

## Tool Information

Drill Pipe:	Length: 4443.00 ft	Diameter: 3.80 inches	Volume: 62.32 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4566.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4539.00	
Shut In Tool	5.00			4544.00	
Hydraulic tool	5.00			4549.00	
Jars	5.00			4554.00	
Safety Joint	3.00			4557.00	
Packer	5.00			4562.00	28.00 Bottom Of Top Packer
Packer	4.00			4566.00	
Stubb	1.00			4567.00	
Recorder	0.00	6772	Outside	4567.00	
Recorder	0.00	8845	Outside	4567.00	
Perforations	19.00			4586.00	
Bullnose	5.00			4591.00	25.00 Bottom Packers & Anchor

**Total Tool Length: 53.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Slawson Exploration Company Inc.

**23-10s-34w Thomas,KS**

204 N Robinson Ave STE 2300  
Oklahoma City, OK 73102

**James AY #3**

Job Ticket: 52860

**DST#: 2**

ATTN: Pat Deenihan

Test Start: 2013.09.03 @ 18:14:00

## 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:

17000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GOMCW 5g 5o 5m 85w	0.590
120.00	GOMCW 5g 10o 20m 65w	1.665
60.00	GOWCM 10g 10o 10w 70m	0.842
135.00	GWMCO 5 w 10g 20m 65o	1.894
0.00	940' GIP	0.000

Total Length: 435.00 ft      Total Volume: 4.991 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water Salinity: .392 @ 68 degrees= 17,000 ppm

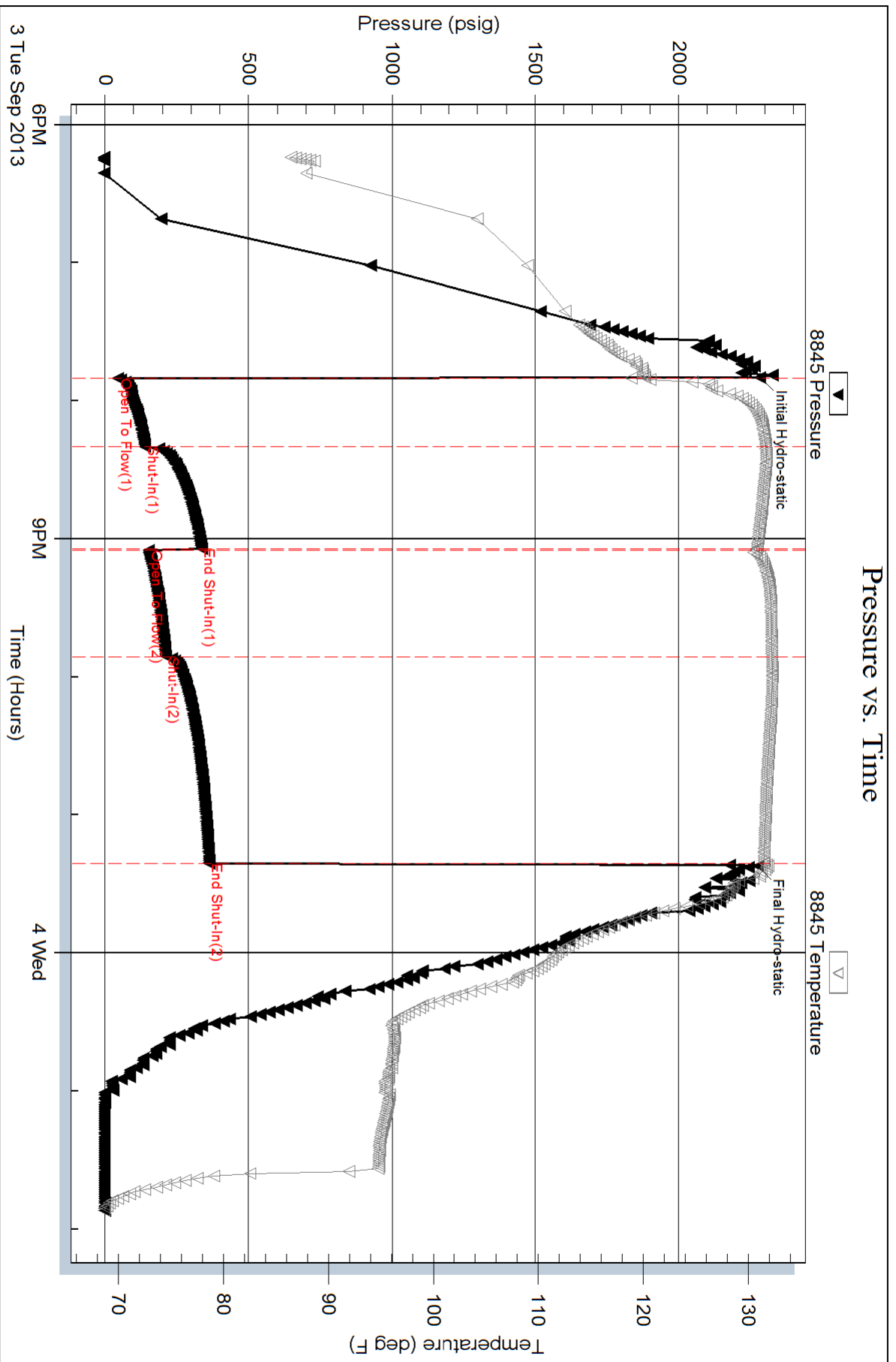
Serial #: 8845

Outside Slawson Exploration Company Inc.

James AY #3

DST Test Number: 2

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 52860

Printed: 2013.09.06 @ 09:08:03



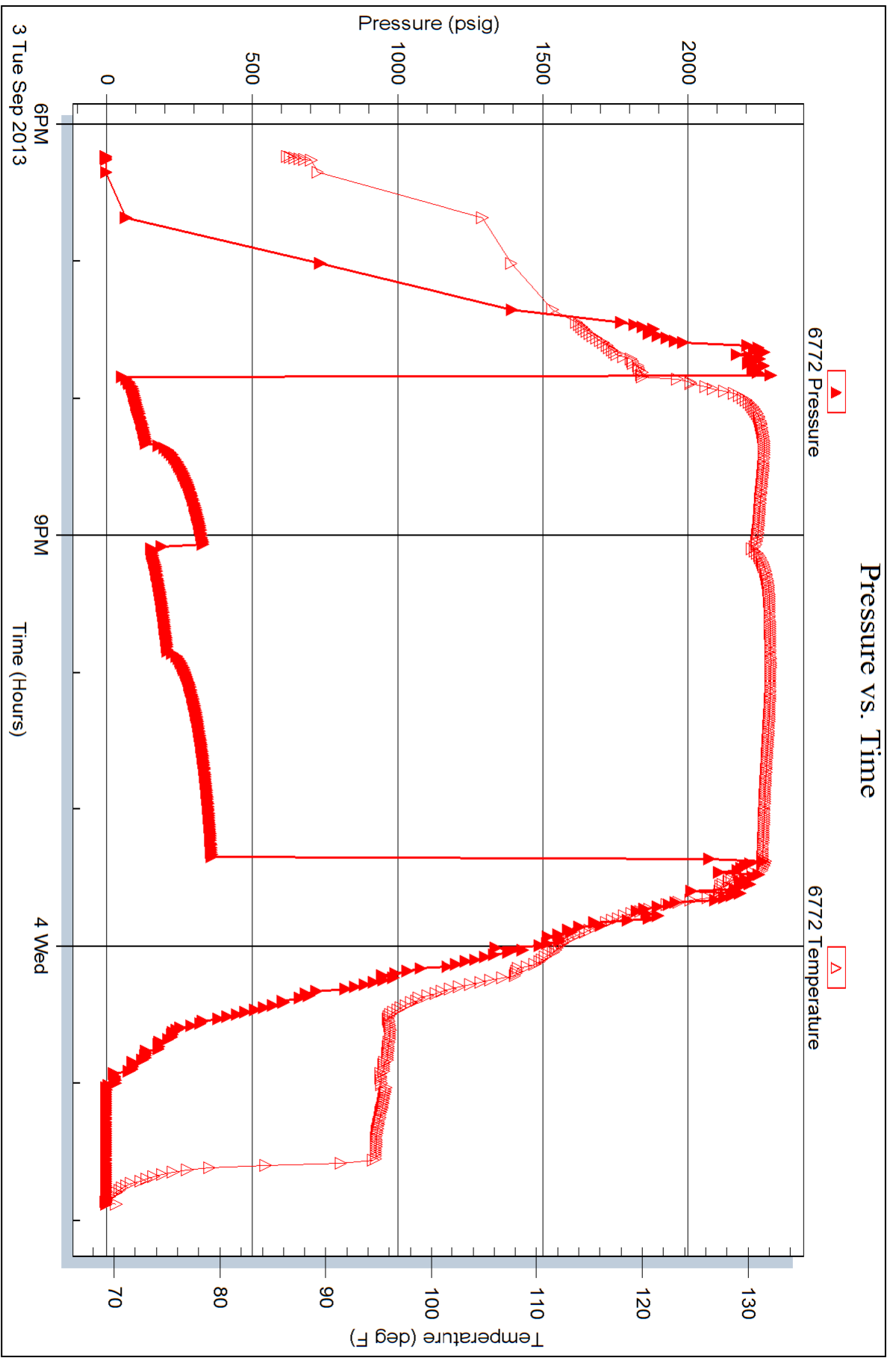
Serial #: 6772

Outside

Slaw son Exploration Company Inc.

James AY #3

DST Test Number: 2





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52859

Well Name & No. James AY #3 Test No. 1 Date 9/2/13  
 Company Slawson Exploration Company Inc. Elevation 3195 KB 3190 GL  
 Address 204 N Robinson Ave STE 2300 Oklahoma City, OK 73102  
 Co. Rep / Geo. Pat Deenihan Rig WW #8  
 Location: Sec. 23 Twp. 10S Rge. 34W Co. Thomas State KS

Interval Tested 4321-4350 Zone Tested "J"  
 Anchor Length 29' Drill Pipe Run 4190 Mud Wt. 9.3  
 Top Packer Depth 4317 Drill Collars Run 122 Vis 64  
 Bottom Packer Depth 4321 Wt. Pipe Run Ø WL 8.2  
 Total Depth 4350 Chlorides 4100 ppm System LCM 1

Blow Description IF: Weak Surface Blow died @ 13 min.  
ISI: No Return  
FF: No Blow.  
FSI: No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>2133</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>13:40</u>
(B) First Initial Flow	<u>16</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>15:00</u>
(C) First Final Flow	<u>20</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>16:44</u>
(D) Initial Shut-In	<u>810</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>18:15</u>
(E) Second Initial Flow	<u>24</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>19:38</u>
(F) Second Final Flow	<u>26</u>	<input checked="" type="checkbox"/> Mileage	<u>128 R/H</u> 198.40	Comments	
(G) Final Shut-In	<u>735</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2096</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open	<u>30</u>	<input checked="" type="checkbox"/> Shale Packer	<u>250</u>	<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>20</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>20</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>20</u>	<input type="checkbox"/> Day Standby		Total	<u>2023.40</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>2023.40</u>		

Approved By \_\_\_\_\_ Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 52860

Well Name & No. James AY #3 Test No. 2 Date 9/3/13  
 Company Slawson Exploration Company Inc. Elevation 3195 KB 3190 GL  
 Address 204 N Robinson Ave STE 2300 Oklahoma City, OK 73102  
 Co. Rep / Geo. Pat Deenihan Rig WW #8  
 Location: Sec. 23 Twp. 10S Rge. 34W Co. Thomas State KS

Interval Tested 4566-4591 Zone Tested Myrick Station  
 Anchor Length 25 Drill Pipe Run 4443 Mud Wt. 9.3  
 Top Packer Depth 4562 Drill Collars Run 122 Vis 57  
 Bottom Packer Depth 4566 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4591 Chlorides 4000 ppm System LCM 2

Blow Description IF: BOB @ 9 min.  
ISI: Bled off for 4 min, 5" Return.  
FF: BOB @ 6 1/2 min.  
FSI: Bled off for 4 min BOB Return @ 63 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>135</u>	<u>GWMCO</u>	<u>10</u>	<u>65</u>	<u>5</u>	<u>20</u>
<u>60</u>	<u>GOWCM</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>70</u>
<u>120</u>	<u>GOMCW</u>	<u>5</u>	<u>10</u>	<u>65</u>	<u>20</u>
<u>120</u>	<u>GOMCW</u>	<u>5</u>	<u>5</u>	<u>85</u>	<u>5</u>
Rec	Feet of <u>940' GIP</u>	%gas	%oil	%water	%mud

Rec Total 435 BHT 136 Gravity — API RW .392 @ 68 °F Chlorides 17000 ppm

(A) Initial Hydrostatic <u>2283</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>16:00</u>
(B) First Initial Flow <u>46</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:14</u>
(C) First Final Flow <u>139</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>19:50</u>
(D) Initial Shut-In <u>336</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>23:21</u>
(E) Second Initial Flow <u>153</u>	<input checked="" type="checkbox"/> Hourly Standby	T-Out <u>1:53</u>
(F) Second Final Flow <u>211</u>	<input checked="" type="checkbox"/> Mileage <u>128 R/T</u> 396.80	Comments <u>NO call for short trip waited 2 hours! Loaded Tools 18:00</u>
(G) Final Shut-In <u>363</u>	<input type="checkbox"/> Sampler	<input checked="" type="checkbox"/> Ruined Shale Packer <u>350</u>
(H) Final Hydrostatic <u>2275</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer

Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Total <u>2571.80</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't
	<input type="checkbox"/> Accessibility	
	Sub Total <u>2221.80</u>	

Approved By \_\_\_\_\_ Our Representative [Signature]

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