

Confidentiality Requested:

Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Hawkins Oil, LLC
Well Name	HAAS 1
Doc ID	1670836

All Electric Logs Run

Geological
Composite
Compensated Neutron
Gamma Ray
Micro

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. 6481
 Foreman Steve Mead
 Camp Eureka

API 15-073-24246

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
6-6-22	1259	Hawks #1	25	22	12	GW	KS	
Customer Hawkins Oil LLC			Safety Meeting		Unit #	Driver	Unit #	Driver
Mailing Address 427 S. Boston Ave Ste 915					104	Alan M.		
City Tulsa					120	Josh V.		
State OK								
Zip Code 74103								

Job Type Surface Hole Depth 215 Slurry Vol. 30 bbls Tubing _____
 Casing Depth 307 Hole Size 12 1/4 Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. 8 5/8 24' Cement Left in Casing 15' Water Gal/SK _____ Other _____
 Displacement 12 bbls Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting! Rig up to 8 5/8 casing. Break circulation w/10 bbls freshwater. Mix 120 sks class A cement w/ 3% Cacl₂, 2% Gel & 4' Flo Seal. Displace w/12 bbls freshwater. Shut casing in. Good cement returns to surface 7 bbls to pit. Job complete Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-101	1	Pump Charge	950.00	950.00
C-107	30	Mileage	5.00	150.00
C-200	120 sks	Class A Cement	18.55	2226.00
C-205	350 #	Cacl ₂ 3%	.75	262.50
C-206	225 #	Gel 2%	.50	67.50
C-209	30 #	Flo-seal	2.80	84.00
C-108	5.64 Ton	Fon mileage	M/C	390.00
			SubTotal	4130.00
			590	<216.40>
			Sales Tax	198.00

Authorization Jim Gulick Title _____ Total 4111.60

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



Cement or Acid Field Report
 Ticket No. **6507**
 Foreman Russell McCoy
 Camp Eureka

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State	
6-11-22	1259	HAAS # 1	25	22	12	G.W.	Ks	
Customer HAWKINS OIL LLC			Safety Meeting Rm 12B Am 104 Brook 110 Steve 149		Unit #	Driver	Unit #	Driver
Mailing Address 427 S. Boston AVE STE 915								
City Tulsa		State OK	Zip Code 74103					

Job Type Longstring Hole Depth 2260 KB Slurry Vol. 45 Tubing _____
 Casing Depth 2260 2ft above Hole Size 7 7/8 Slurry Wt. 13.8 Drill Pipe _____
 Casing Size & Wt. 5 1/2 14" KB Cement Left in Casing 0 Water Gal/SK _____ Other _____
 Displacement 56 Bbl Displacement PSI 800 Bump Plug to 1300" BPM 5

Remarks: Safety + Job Procedure. Run casing TAG Bottom @ 2260 KB, Pick up 2 Feet to cement. Circulate for 30 min w/ Rig mud pump to clean hole.
Rig to cement, Break circulation w/ 15 Bbl water mix 135 SK's T.S. cement w/ 2# Phenoseal @ 13.8 # yield 1.68 = 40 Bbl Slurry. Washout Pump + Line's Release 5 1/2 Latch Down Plug. Displace w/ 56 Bbl water final Pump PSI 800# seat Plug to 1300" wait 2 min Release float float held. Good circulation during cementing procedure. Job complete Tear down. Thanks
NOTE Plug Rathole w/ 15 SK's
NOTE Aprox TOP of cement 1,000 From Surface.
Centralizers # 1 # 3 # 18 # 21 # 27 BASKET on # 25
 Russell McCoy

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C-102	1	Pump Charge	1180.00	1180.00
C-107	30	Mileage	5.00	150.00
C-201	150	SK's Thickset cement	24.25	3,637.50
C-208	300#	Phenoseal 2# per/SK For LCM	1.55	465.00
C-421	1	5 1/2 Latch Down Plug	285.00	285.00
C-601	1	5 1/2 float collar body (For Latch Down Plug)	254.00	254.00
C-654	1	5 1/2 AFU float shoe	321.00	321.00
C-604	1	5 1/2 cement basket	278.00	278.00
C-504	5	5 1/2 x 7 7/8 centralizers	59.00	295.00
C-113	4	hr 80 Bbl vac truck w/ city water	95.00	380.00
C-224	3,000	gallon's city water	12.00	36.00
	7.5	ton's ton mileage (Bulk truck x 30)	1.50 m/c	390.00
			Sub TOTAL	7,671.50
			Discount -	-5%
			Sales Tax	<404.41> 417.8e

Authorization witnessed by Dan Flower Title Co/Rep Total 7674.89

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Hawkins Oil, LLC
Tulsa, Oklahoma

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Haas #1B
API: 15-073-24246
Location: 2110' FNL & 2060' FWL Section 25-T22S-R12E
License Number: 32693
Spud Date: 6-6-22
Surface Coordinates:
Region: Greenwood County, KS
Drilling Completed: 6-11-22

Bottom Hole
Coordinates:
Ground Elevation (ft): 1092
Logged Interval (ft): 1300
Formation: Arbuckle
Type of Drilling Fluid: Chemical
K.B. Elevation (ft): 1098
To: R.T.D. Total Depth (ft): 2260

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Hawkins Oil, LLC
Address: 427 S. Boston Ave. #915
Tulsa, Oklahoma 74103-4114

GEOLOGIST

Name: William M. Stout
Company:
Address: 1441 N. Rock Road #1903
Wichita, Kansas 67206

Comments

The decision was made to set 5 1/2" casing to further evaluate the shows in the Viola and Bartlesville.




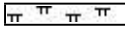
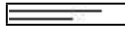
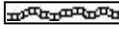




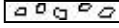
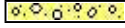






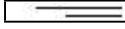

Formation Tops and Show Descriptions

	Sample	Log
Cherokee	1402 -304	1397 -299
Ardmore	1501 -403	1497 -399
Bartlesville	1638 -540	1637 -539
Base	1711 -613	1710 -612
Mississippi	1793 -695	1793 -695
Kinderhook	2101 -1003	2099 -1001
Viola	2174 -1076	2176 -1078
Arbuckle	2216 -1118	2214 -1116
Total Depth	2260 -1162	2259 -1161

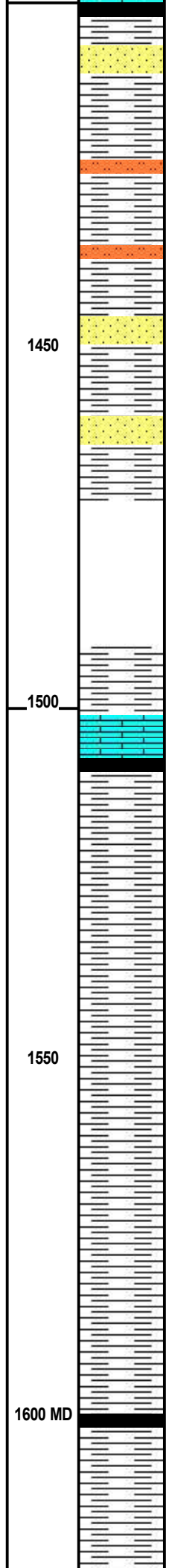
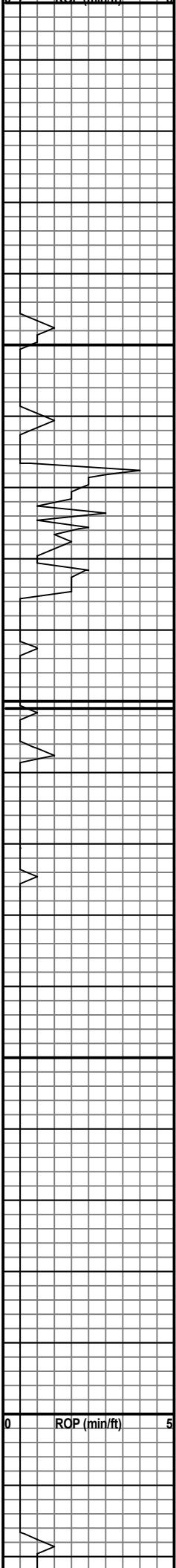
Bartlesville Sand 1638'-1700' Sandstone - light brown, fine grain, calcareous, some friable, good odor, light brown stain, good show free oil with gas bubbles, fair porosity with good fluorescence.

Viola 2176'-2186' Limestone - light brown, off white, fine crystalline, dense, scattered coarse crystals, faint odor, scattered black stain, show heavy black oil with few possible gas bubbles, no fluorescence.

ROCK TYPES

 Anhy	 Clyst	 Gyp	 Mrlst	 Shgy
 Bent	 Coal	 Igne	 Salt	 Slstst
 Brec	 Congl	 Lmst	 Shale	 Ss
 Cht	 Dol	 Meta	 Shcol	 Till

Curve Track 1 ROP (min/ft) _____	D S T	MD	Lithology	Oil Shows	Geological Descriptions	Remarks
0 ROP (min/ft) 5		1300			Sh- gy, s/ sdy, mica, w Ls- lt bm, f-x, fos, dns, NS.	1:20 am 6-9-22
					Sh- gy, s/ sdy.	
					Ls- lt bm, lt gy, f-x, few fos, dns, arg in pt, NS.	
		1350			Ls- a.a. w/ Sh- gy.	
					Ls- bm, f-x, fos, dns, NS.	
					Sh- gy, s/ blk, Ls- a.a.	
					Ls- lt gy, lt bm, f-x, fos, arg, s/ dns, NS, w/ Sh- lt gy, gm.	
0 ROP (min/ft) 5		1400 MD			Ls- lt bm, bm, f-x, fos, dns, NS, Sh- blk s/ carb	Cherokee 1402 -304



carb.

Ss- lt gy, f-gm, vy arg, calc, hd, w/ Sh- lt gy.

Sh- lt gy, sdy.

Sh- gy, dk gy, sdy.

Sh- gy, sdy, s/ Ss- lt gy, f- gm, arg, NS.

Sh- gy, m-gy, sdy.

Missed samples.

" " "

" " "

" " "

1450

1500

Ls- lt brn, f-x, few fos, dns, NS.

Sh- gy, dk gy, gm, tr blk s/ sdy.

Sh- a.a.

Sh- gy, gm, s/ sdy.

Sh- gy, lt gy, gm.

Sh- a.a., s/ calc, hd.

Sh- gy, dk gy.

Sh- a.a., sdy.

1550

1600 MD

Sh- dk gy, blk.

Sh- dk gy, gy, blk

log -299

Work on mud pump

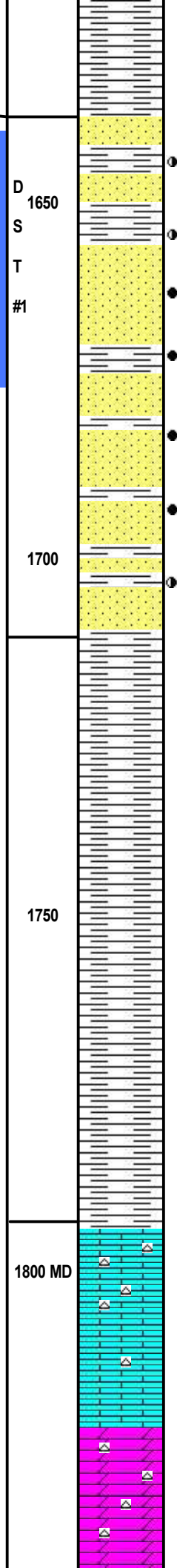
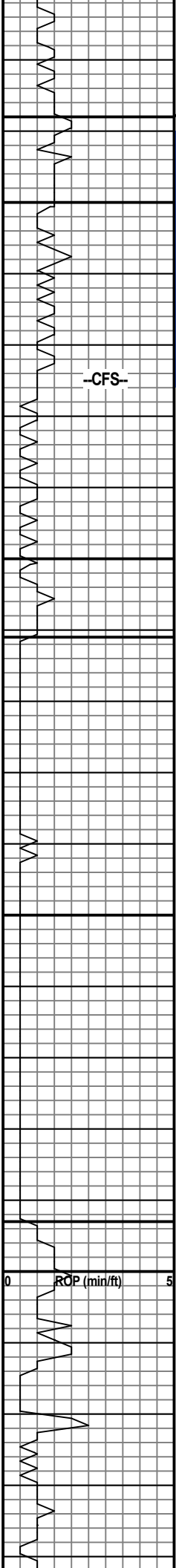
Driller let weight fall off.

Ardmore 1501 -403 log -399

DST #1 1640' - 1675'
 30-30-60-60
 Open tool 30 min. wk blow bldg. to 1.5" died in 5 min. Close tool 30 min.
 Open tool 60 min. fr blow bldg. to 6.27". Recovered 60' SOCM (10% O, 90% M), 60' SOCM (5% O, 95% m).
 IFP 20-44# FFP 43-75#
 SIP 551-503#
 HP 792-798#
 Temp. 89 degrees

Took a little weight off bit.

0 ROP (min/ft) 5



Sh- dk gy, gy, blk.

Sh- gy, sdy.

Sh- a.a., tr. Ss- lt bm, f-gm, calc, ft odor, lt stn, SFO when broken, tr fluor, pr por.

Ss- lt bm, f-gm, calc, s/ fri, gd odor, lt bm stn, SFO w/ GB, fr por, gd fluor (50%).

Ss- lt bm, f-gm, fri, calc, gd odor, lt bm stn, GSFO w/ GB, fr por, gd fluor (90%).

Ss- lt bm, f-gm, calc, fri, gd odor, lt stn, GSFO w/ few GB, fr por, gd fluor (50%) w/ Sh-gy.

Ss- a.a.

Ss- lt bm, bm, f-gm, vy calc, s/ fri, fr odor, scat lt stn, SFO, pr por, scat fluor (10%), w/ blk flaky dead oil, s/ Sh- gy.

Sh- gy, m gy.

Sh- a.a.

Sh- gy.

Sh- a.a.

Sh- gy, m gy, s/ pyr.

Ls- lt bm, f-x, dns, dolc in pt, chty, NS, NV por, w/ sh- a.a., s/ blk.

Ls- a.a. w/ scat inxtln por, NS.

Dol- lt bm, f-x, calc, chty, scat inxtln por, NS.

Vis. 43
Wt. 9.2
LCM 1#

Bartlesville Sand 1638 -540

log -539

CFS @ 1675 10-20 min.
Back drilling 1:20 am 6-10-22

Base Bartlesville 1711 -613

log -612

Mississippi 1793 -695

log -695

D
1650
S
T
#1

1700

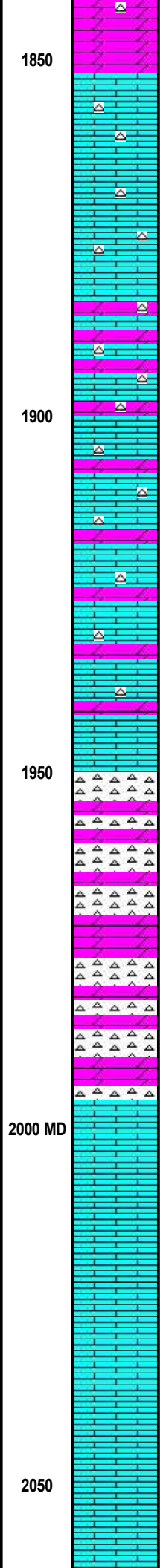
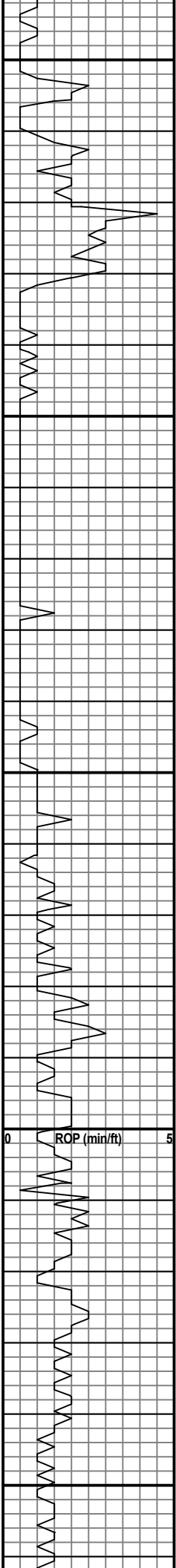
1750

1800 MD

-CFS-

ROP (min/ft)

0 5



Dol- a.a.

1850 Dol- bm, vy f-x, dns, s/ chty, arg, NS.

Ls- bm, lt bm, f-x, dns, chty, mottled, NS.

Ls- a.a., w/ Dol- dk bm, vy f-x, dns, chty, NS.

1900 Ls & Dol- a.a. w/ cht- wht, opq, NS.

a.a.

a.a.

1950 Cht- wht, lt gy, trans to opq, fresh, w/ Dol- lt bm, bm, f-x, dns, NS.

a.a.

Dol & Cht- a.a.

2000 MD Ls- gy, lt gy, f-x, dns, arg, NS.

Ls- a.a.

Ls- lt bm, f-x, dns, sli chty, NS.

2050 Ls- a.a. w/ Sh- gy, dk gy, gm.

Ls- lt bm, bm, lt gy, f-x, dns, sli chty, NS.

	<p>2100</p>	<p>Sh- gy, gm.</p> <p>Sh- a.a., s/ pyr.</p> <p>Ls- bm, dk bm, f-x, dns, NS. NV por.</p>	<p>Kinderhook 2101 -1003</p>
	<p>2150</p>	<p>Sh- gy, dk gy, gm.</p> <p>Sh- dk gy, gy, s/ blk.</p> <p>Sh- dk gy, bm, gy, sour odor, tr Ls- bm, f-x, dns, NS.</p> <p>Sh- gy, gm, bm.</p> <p>Sh- bm, carb, gy, gm, sour odor.</p>	<p>log -1001</p>
	<p>2200 MD</p>	<p>2176' 20 min. Sh-a.a., w/ Ss- lt gm, vy f-gm, fri, arg, sli calc, few gms fine, clear, NS.</p> <p>2179' 10 min. Cht- wht, trans to opq, s/ wea, NS, s/ a.a.</p> <p>20 min. Ls- lt bm, off wht, f-x, dns, s/ arg, s/ cht- a.a.</p> <p>2186' 10 min. Ls- a.a. w/ s/ coarse-x, ft odor, scat blk stn, sli show hvy blk oil, inxtln por, no fluor.</p> <p>2186' 20-30 min. a.a.</p> <p>2200' smpl. Ls- lt bm, m-x, inxtln por, NS, w/ Sh- gy, gm.</p> <p>2210' smpl. Ls- lt bm, m-x, sli chty, scat inxtln por, NS, Sh- a.a.</p> <p>2220' smpl. a.a.</p> <p>2230' smpl. Dol- lt bm, lt gy, f-x, dns, tr sdy, few loose sd m-grms, NS.</p>	<p>Viola 2174 -1076 log -1078</p> <p>CFS @ 2176' 10-20-30 min.</p> <p>CFS @ 2179' 10-20-30 min.</p> <p>CFS @ 2186' 10-20-30 min.</p>
	<p>2250</p>	<p>Dol- lt bm, lt gy, f-x, dns, sli chty, NS, NV por.</p> <p>Dol- a.a. s/ dk bm, NS.</p>	<p>Arbuckle 2216' -1118 log -1116</p>
			<p>R.T.D 2260' -1162 log -1161</p> <p>3:40 pm 6-10-22</p>



DRILL STEM TEST REPORT

Prepared For: **Hawkins Oil LLC**

427 Boston Ave Ste 915
Tulsa, OK 74103

ATTN: Bill Stout

Haas #1B

25-22S-12E Greenwood,KS

Start Date: 2022.06.09 @ 14:28:00

End Date: 2022.06.09 @ 23:14:02

Job Ticket #: 65447 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.10 @ 14:23:28



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Hawkins Oil LLC
 427 Boston Ave Ste 915
 Tulsa, OK 74103
 ATTN: Bill Stout

25-22S-12E Greenwood,KS

Haas #1B

Job Ticket: 65447 **DST#: 1**
 Test Start: 2022.06.09 @ 14:28:00

GENERAL INFORMATION:

Formation: **Bartlesville**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:08:32
 Time Test Ended: 23:14:02
 Interval: **1640.00 ft (KB) To 1675.00 ft (KB) (TVD)**
 Total Depth: 1675.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 72
 Reference Elevations: 1096.00 ft (KB)
 1090.00 ft (CF)
 KB to GR/CF: 6.00 ft

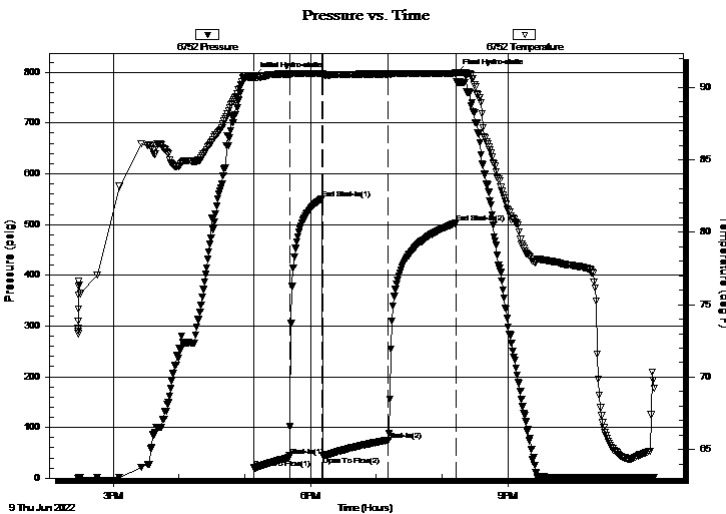
Serial #: 6752

Inside

Press@RunDepth: 75.24 psig @ 1646.00 ft (KB) Capacity: psig
 Start Date: 2022.06.09 End Date: 2022.06.09 Last Calib.: 2022.06.09
 Start Time: 14:28:01 End Time: 23:14:02 Time On Btm: 2022.06.09 @ 17:08:17
 Time Off Btm: 2022.06.09 @ 20:12:32

TEST COMMENT: IF: Weak Blow , Built to 1.54 inches, Dead @ 5 minutes
 IS: No Blow
 FF: Fair Blow , Built to 6.27 inches, Died Off to 5.81 inches
 FS: No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	792.04	90.72	Initial Hydro-static
1	20.14	90.70	Open To Flow (1)
33	44.00	90.91	Shut-In(1)
63	551.17	90.93	End Shut-In(1)
63	43.79	90.92	Open To Flow (2)
123	75.24	90.91	Shut-In(2)
185	502.89	90.99	End Shut-In(2)
185	798.06	91.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 5%O 95%M	0.30
60.00	SOCM 10%O 90%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hawkins Oil LLC

25-22S-12E Greenwood,KS

427 Boston Ave Ste 915
Tulsa, OK 74103

Haas #1B

Job Ticket: 65447

DST#: 1

ATTN: Bill Stout

Test Start: 2022.06.09 @ 14:28:00

Tool Information

Drill Pipe:	Length: 1463.00 ft	Diameter: 3.20 inches	Volume: 14.55 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 30000.00 lb
			<u>Total Volume: 15.42 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 26000.00 lb
Depth to Top Packer:	1640.00 ft			Final 26000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			1618.00	
Hydraulic tool	5.00			1623.00	
Jars	5.00			1628.00	
Safety Joint	3.00			1631.00	
Packer	5.00			1636.00	27.00 Bottom Of Top Packer
Packer	4.00			1640.00	
Stubb	1.00			1641.00	
Handling Sub	5.00			1646.00	
Recorder	0.00	6752	Inside	1646.00	
Recorder	0.00	8365	Outside	1646.00	
Perforations	26.00			1672.00	
Bullnose	3.00			1675.00	35.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hawkins Oil LLC

25-22S-12E Greenwood,KS

427 Boston Ave Ste 915
Tulsa, OK 74103

Haas #1B

Job Ticket: 65447

DST#: 1

ATTN: Bill Stout

Test Start: 2022.06.09 @ 14:28:00

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: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCM 5%O 95%M	0.295
60.00	SOCM 10%O 90%M	0.295

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

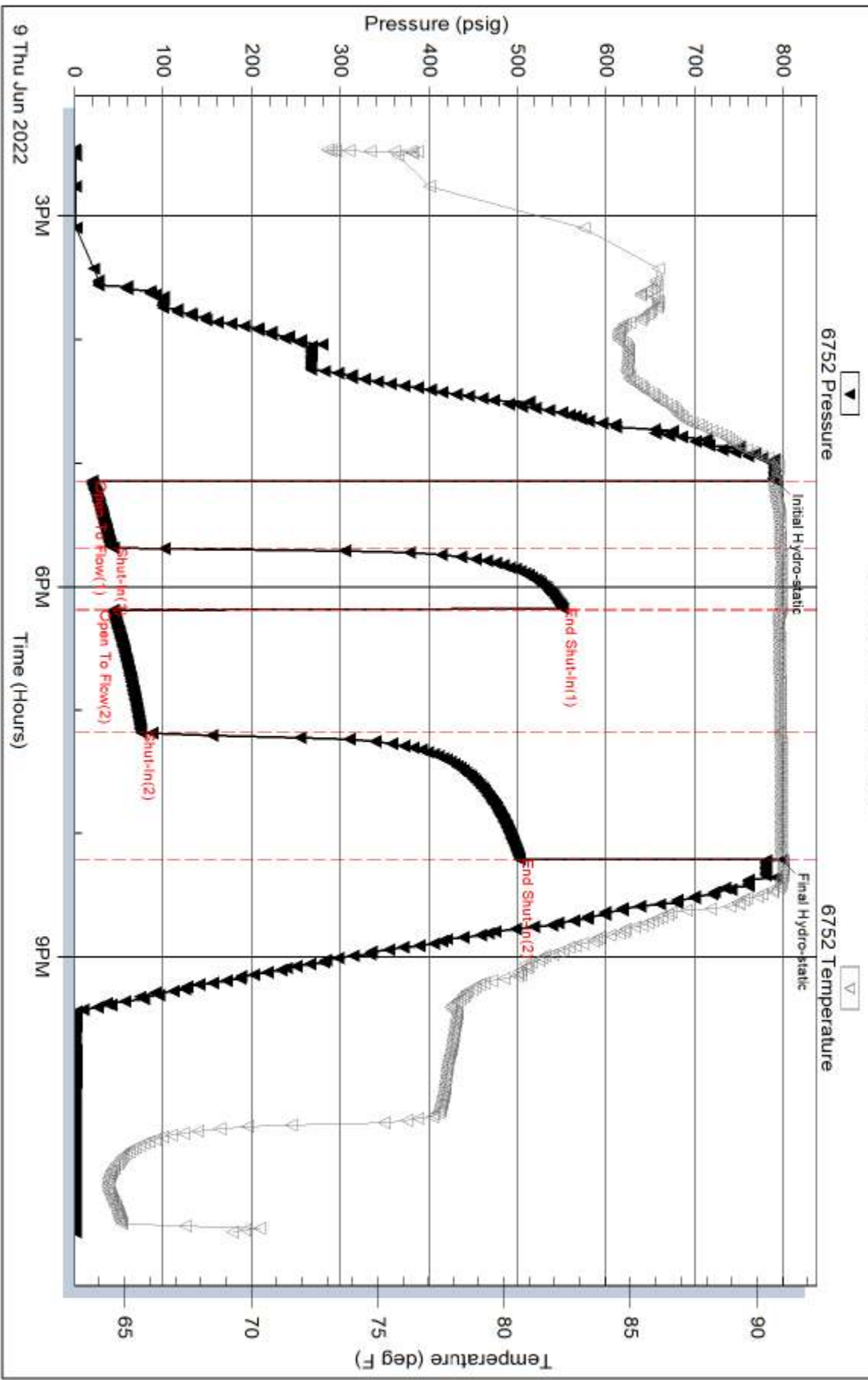
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

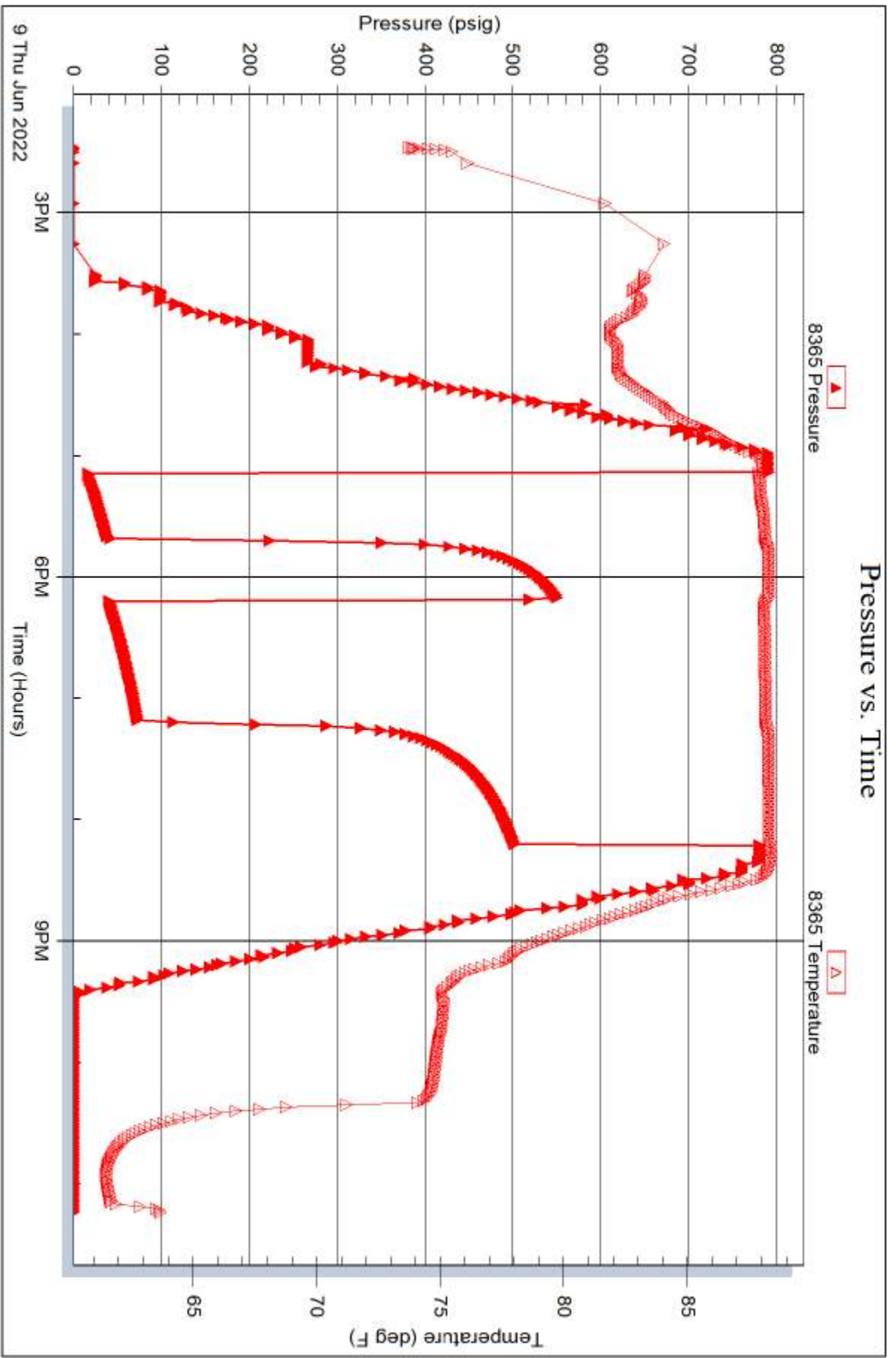


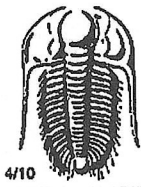
Serial #: 8365

Outside Hawkins Oil LLC

Haas #1B

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65447

Well Name & No. Hays 1 B Test No. 1 Date 06/09/22
 Company Hawkins Oil LLC Elevation 1096 KB 1090 GL
 Address 427 S. BOSTON AVE Ste 915 Tulsa, OK 74103
 Co. Rep / Geo. Bill Stout Rig C+G 1
 Location: Sec. 25 Twp 22 S Rge. 12 E Co. Greenwood State Ks

Interval Tested 1640 - 1675 Zone Tested Bartlesville
 Anchor Length 35 Drill Pipe Run 1463 Mud Wt. 9.2
 Top Packer Depth 1635 Drill Collars Run 176 Vis 43
 Bottom Packer Depth 1640 Wt. Pipe Run 0 WL NIC
 Total Depth 1675 Chlorides NIC ppm System LCM 1

Blow Description IF: weak blow, Built to 1.54 inches, Dead @ 5 minutes

ISI: NO BLOW

FF: Fair Blow, Built to 627 inches, Died off to 5.81 inches

FSI:

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>50CM</u>		<u>10%</u>		<u>90%</u>
<u>60</u>	<u>50CM</u>		<u>5%</u>		<u>95%</u>

Rec Total 120 BHT 89 Gravity NIC API RW NIC @ NIC F Chlorides NIC ppm

(A) Initial Hydrostatic 792 Test 1800 T-On Location 13:30
 (B) First Initial Flow 26 Jars 300 T-Started 14:28
 (C) First Final Flow 44 Safety Joint _____ T-Open 17:08
 (D) Initial Shut-In 551 Circ Sub _____ T-Pulled 20:17
 (E) Second Initial Flow 43 Hourly Standby _____ T-Out 23:14
 (F) Second Final Flow 75 Mileage 380 570 Comments _____
 (G) Final Shut-In 503 Sampler _____
 (H) Final Hydrostatic 798 Straddle _____ EM Tool _____
 Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 60 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total 0
 Sub Total 2920 Accessibility _____ Total 2920
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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