



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1107779

Form ACO-1

June 2009

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
- ☐ Conv. to GSW
- ☐ Plug Back: _____ Plug Back Total Depth _____
- ☐ Commingled Permit #: _____
- ☐ Dual Completion Permit #: _____
- ☐ SWD Permit #: _____
- ☐ ENHR Permit #: _____
- ☐ GSW Permit #: _____

Spud Date or
Recompletion Date

Date Reached TD

Completion Date or
Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

☐ Letter of Confidentiality Received

Date: _____

☐ Confidential Release Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

ALT ☐ I ☐ II ☐ III Approved by: _____ Date: _____

1107779

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☐ No Cores Taken ☐ Yes ☐ No Electric Log Run ☐ Yes ☐ No Electric Log Submitted Electronically ☐ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☐ Sample Name Top Datum
--	--

CASING RECORD ☐ New ☐ 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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: ☐ Yes ☐ No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other <i>(Explain)</i> _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. <i>(Submit ACO-5)</i> ☐ Commingled <i>(Submit ACO-4)</i> ☐ Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Staab Oil Co., a General Partnership
Well Name	Benno Riga 1
Doc ID	1107779

Tops

Name	Top	Datum
Anhydrite	1646	+608
Base	1691	+563
Topeka	3294	-1040
Heebner	3515	-1261
Toronto	3536	-1282
Lansing	3549	-1295
BKC	3787	-1533
Marmaton	3853	-1599
Arbuckle	Not Reached	
TD	3944	-1690

ALLIED OIL & GAS SERVICES, LLC 056055

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <i>11-08-12</i>	SEC. <i>29</i>	TWP. <i>12</i>	RANGE <i>21</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Benna Riga</i>	WELL # <i>1</i>	LOCATION <i>1-70 Riga Exit</i>			COUNTY <i>Trigo</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)		<i>1.5 north to rd K 1/2 west south into.</i>					

CONTRACTOR *Shelds #1* OWNER *2.01*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *239.00'* CEMENT

CASING SIZE *8 7/8* DEPTH *239.00'* AMOUNT ORDERED *170 SKS Class A 3% 2% 1/8*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *15'*

CEMENT LEFT IN CSG. *10'*

PERFS.

DISPLACEMENT *14.25 bbl*

EQUIPMENT

Robert R. V

PUMP TRUCK CEMENTER *Long Partnership*

407 HELPER *Kevin R. 3*

BULK TRUCK

710 DRIVER *WALTER + NATHAN*

BULK TRUCK

DRIVER

COMMON *170 SKS @ 17.90 \$3,043.00*

POZMIX @

GEL *3 SKS @ 23.40 \$70.20*

CHLORIDE *10 SKS @ 64.00 \$640.00*

ASC @

@

@

@

@

@

@

@

@

HANDLING *185.51 \$2.48 \$455.15*

MILEAGE *175.98 \$2.60 \$457.55*

TOTAL *\$4,907.55*

REMARKS:

*circulated mud to surface.
ran and pumped 170 SKS 3% 2% 1/8
Displaced Rubber plug at 14.25 bbl
cement came to surface.
Shut Head in.*

SERVICE

DEPTH OF JOB *239.08'*

PUMP TRUCK CHARGE *\$1,512.25*

EXTRA FOOTAGE *21 miles @*

MILEAGE *Heavy Duty @ 7.70 \$161.70*

MANIFOLD *Light Vehicle @ 4.40 \$92.40*

@

@

TOTAL *\$1,766.35*

CHARGE TO: *Starb Oil Co.*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 7/8 Rubber plug 1 @ \$131.00

@

@

@

@

TOTAL *\$131.00*

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 *Thomas J Engel*

SIGNATURE *Thomas J Engel*

SALES TAX (If Any) *246.72*

TOTAL CHARGES *\$6,116.25*

DISCOUNT *\$1,698.46*

IF PAID IN 30 DAYS

net 4477.74 BS 11-9

before tax 4572.75

Surface

ALLIED OIL & GAS SERVICES, LLC

056577

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE 11-16-12	SEC 28	TWP 12	RANGE 21	CALLED OUT	ON LOCATION	JOB START 4:00 AM	JOB FINISH 4:30 AM
Benno LEASE Riga	WELL# 1	LOCATION I-70 & Riga rd 3/4 W into			County Tracy	STATE KS	
OLD OR NEW (Circle one)							

CONTRACTOR Shields
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 3944
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1670
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 220 60/40 4% g-1 1/4" F/G

COMMON	132	@ 17.90	2362.80
POZMIX	88	@ 9.35	822.80
GEL	8	@ 23.40	187.20
CHLORIDE		@	
ASC		@	
Fla-seal	2-50 lb	@ 2.97	148.50
		@	
		@	
		@	
		@	
		@	
HANDLING	236.67	@ 2.48	586.93
MILEAGE	207.585	@ 2.60	539.72
			TOTAL 4647.95

EQUIPMENT

PUMP TRUCK CEMENTER Robert V 2
417 HELPER Woody O 2
BULK TRUCK
481 DRIVER Walter K 3
BULK TRUCK
DRIVER

REMARKS:

p1 25 st @ 1670
p2 100 st @ 900
p3 40 st @ 280
p4 10 st @ 40
30 st Rot hole
15 st Mouse hole

SERVICE

DEPTH OF JOB	1670
PUMP TRUCK CHARGE	2249.84
EXTRA FOOTAGE	@
MILEAGE	214 VMI @ 7.70 161.70
MANIFOLD	@
	216 VMI @ 4.40 92.40
	@

CHARGE TO: Stag Oil

STREET

CITY STATE ZIP

TOTAL 2503.94

PLUG & FLOAT EQUIPMENT

8 5/8" Wooden plug	@ 107.64	107.64
	@	
	@	
	@	
	@	

TOTAL 107.64

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

Thomas J Enge

SIGNATURE

Thomas J Enge

SALES TAX (if Any)

493.64

TOTAL CHARGES 7259.53

DISCOUNT 2417.42

IF PAID IN 30 DAYS

net 4842.11 BS 11-19
before tax
Good Job Thanks You

Randall Kilian Corporation

Geologist



**Certified Petroleum
Geologist #3351
License #224**

P.O. Box 26
Hays, Kansas 67601-0026
Phone: 785-628-6061
Cell: 785-635-1349

GEOLOGIST'S WELL REPORT

COMPANY STAAB OIL CO. (6037)

WELL Benno Rigo #1

FIELD Adair SW (Wildcat per seismic)

LOCATION (legal) Ap. SW SE NW NE
(1230' FNL & 1975' FEL)
Section 28 TWP 12S RGE 21W

(Map) 2 mi N & 1/2 mi W of Riga

COUNTY Trego STATE Kansas

ELEVATION: 2254' K.B., 2249' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-195-22823

GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Shields Oil Producers, Inc.

RIG #2 HYDRAULICS Beth 225 6x14x56
(Tom Engel TP)

DRILL PIPE 4 1/2" X-H COLLARS 6 1/2" 8 (293')

CASING: SURFACE 8 5/8" @ 236' w/ 170 sx Common

PRODUCTION _____

DRILLING FLUID: COMPANY Mud-Co/Service Mud, Inc.
(Gary Schmidtberger)

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Body Bloedorn)

NUMBER OF TESTS Three (3)

ELECTIC LOGS: COMPANY None

DETAIL (5") _____

TYPE _____

DRILLING TIME FROM 3250' TO RTD

SAMPLE TIME FROM 3250' TO RTD

SUPERVISION FROM 3250' TO RTD

VERTICAL DEVIATION 1/4" @ 239', 3/4" @ 3633'

PLUGGING REPORT 25 sx @ 1670', 100 @ 900', 40 @ 280',
10 @ 40', 30 Rat, 15 Mouse, 220 sx 60/40 Poz Ray, Dinkel

RESERVE PIT 800 bbls., Chl. 56,000

DAILY REPORT

DATE: 7 a.m. Depth RIG ACTIVITY

11-08-12 MIRU Spud

11-09-12 239' WOC

11-10-12 1423' Drilling sand & shale

11-11-12 2407' Drilling shale & lime

11-12-12 3041' Drilling lime & shale

11-13-12 3583' Drilling LKc lime

11-14-12 3685' Drilling LKc lime

11-15-12 3881' DST #3 Marmaton

11-16-12 3944' TD. Plugged

DRILL STEM TESTS

NO	INTERVAL	IFF/TIME	ISIF/TIME	FF/TIME	FSIF/TIME	IHP/FHP	RECOVERY
1	LKc C-F 3570- 3633'	20# 66# 5"	656# 60"	73# 261# 60"	611# 90"	1738# 1678#	93' O&W,C,Mud 437' M,C,Wtr. w/ s.o
2	LKc G-K 3647- 3765'	60# 66# 5"	820# 60"	70# 83# 60"	777# 90"	1837# 1818#	248' GIP 60' SL,G&O,C,Mud
3	Marm. 3842- 3881'	31# 32# 5"	1055# 60"	31# 38# 30"	853# 30"	1941# 1920#	10' V,SL,O,C,Mud
4							
5							
6							
7							
8							

Displaced

\$6534.
LCM 2#

MUD RECORD

CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	3172'					
2	3360'	8.9	54			
3	3430'	9.0	52			
4	3593'	9.2	48	7.8	1.8k	20
5	3697'	9.2	49	8.0	2k	21
6	3770'	9.4	55			
7	3881'	9.2	50	8.0	2k	20
8	3915'	9.3	56			
9						
10						
11						

BIT RECORD

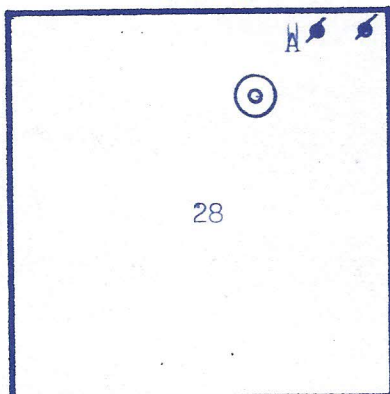
NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 1"	Reed	RR	239'	239'	4 3/4
2	7 7/8"	Reed	S-52	3944'	3705'	101 3/4
3						
4						
5						
6						
7						

FORMATION TOPS & STRUCTURAL GEOLOGY

R 21 W

REFERRED TO:

T
12
S



A: STAAB OIL CO.
#1 Staab NW NE NE
 B: _____
 C: _____
 D: _____
 E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1646'		+ 608	+ 600				
Base	1691'		+ 563	+ 556				
Topeka	3294'		-1040	-1041				
Wheeb. Sh.	3515'		-1261	-1263				
Tor.	3536'		-1282	-1286				
Lansing	3549'		-1295	-1299				
BKc.	3787'		-1533	-1537				
Marmaton	3853'		-1599	-1604				
Arbuckle	-		-	-1685				
TD	3944'		-1690	-1701				
Pipe strap 1.21' short.								

SUMMARY

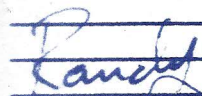
The Benno Riga #1 was drilled with Shields Oil Producers tools rig #2 beginning 11-08-12 and drilling was completed 11-16-12.

The drill site was located via a 3-D seismic survey. The location was a step out from abandoned production to the northeast.

The well ran a bit structurally to the old producers down through the Marmaton. However, the Arbuckle fell off and was low. The lower pay zones did not develop quality reservoirs as shown by DST #2 & #3.

Based upon all data, the well was plugged as a dry hole.

Respectfully,



Randall Kilian

DRILLING TIME (min/ft)

1/2 1 2 3 4 5 6 7 8 9 10

Ø & SHOWS
POOR
FAIR
GOOD
BEST

LITHOLOGY (LAGGED)

REMARKS

30
40
ANH
1650
60
70
80
Base 90



displaced @ 3172'

sh-sst-gr-bn

ls-tan-brn-gr-bn
fossil

sh-sst-gr-bn

ls-tan-brn-gr-bn
fossil, gl. cherty

sh-grt

0010 lmy-tan-fn-tn w/
interlying of sst-sat
Geo, st. ad or.

sh-grt

geom location
8:00pm 11-12-12

60

70

80

90

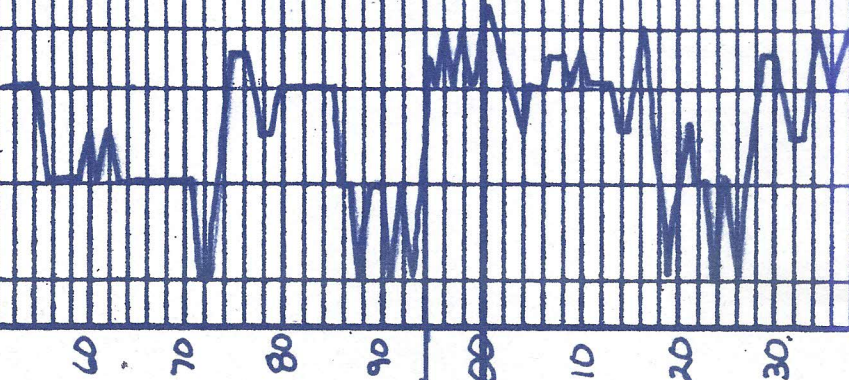
Topoka

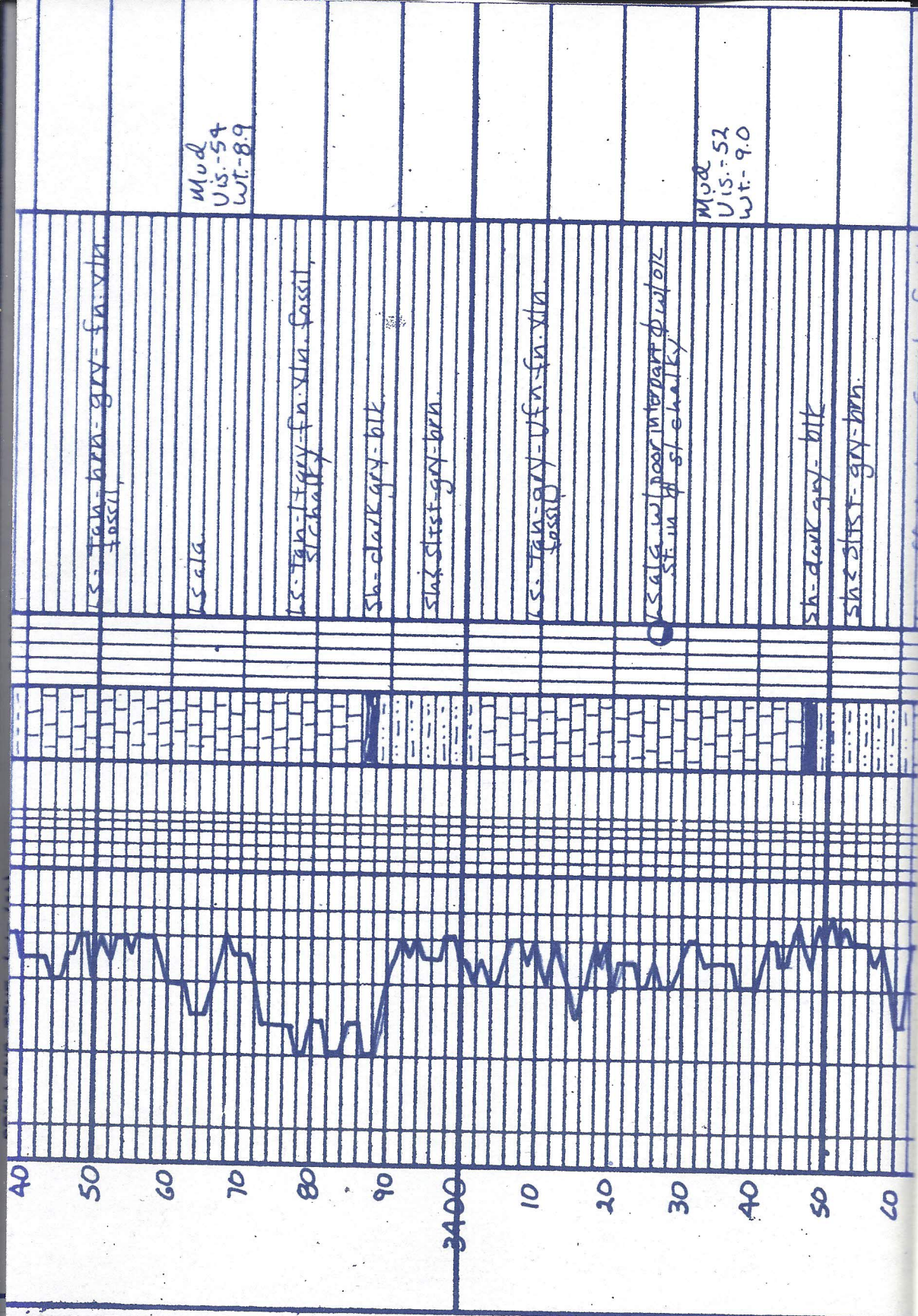
3300

10

20

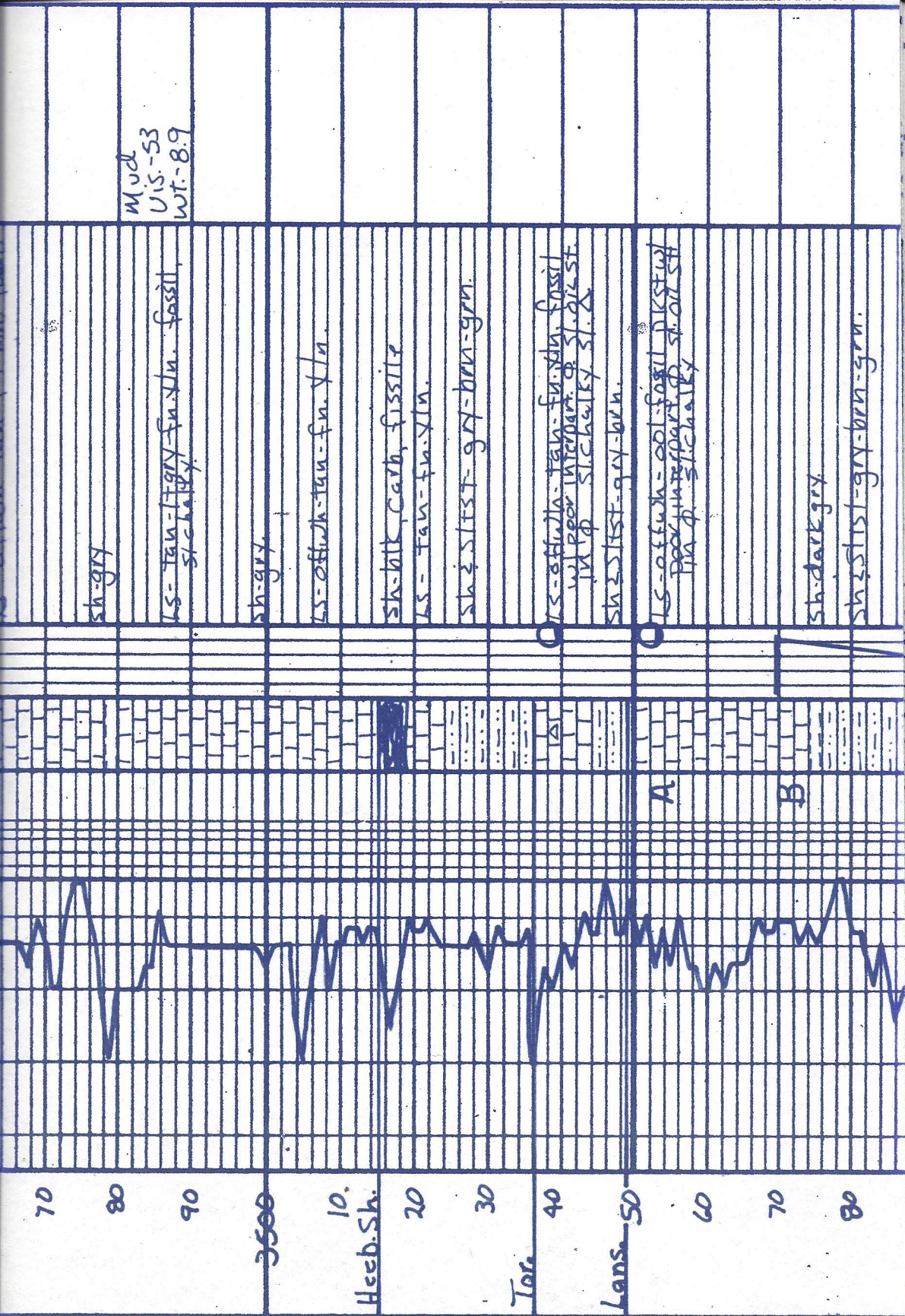
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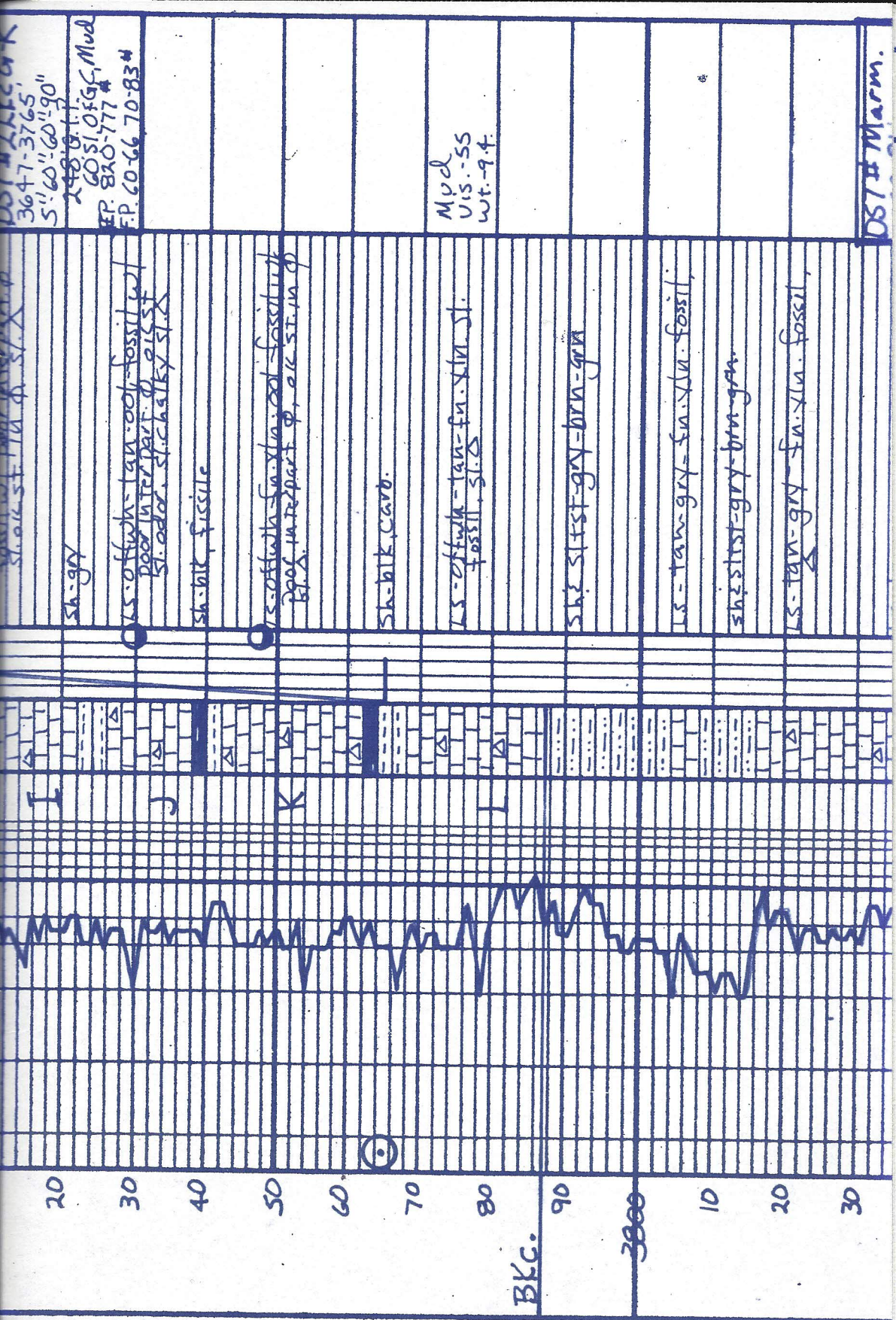




Mud
U.S. - 54
wt. - 8.9

Mud
U.S. - 54
wt. - 9.0





212507

pas-nub-nur-yb-1st, 2nd, 3rd

$\mu s \cdot dolo = \Delta \cdot off \cdot w_{lk} - tan \cdot f_n$
 $v_{lk} \cdot w_{lk} \cdot por - fr \cdot inter \cdot v_{lk} \cdot \phi$
 $ok \cdot st = sat \quad sl \cdot odor \cdot w_{lk}$
 $- trip \Delta$

bs, d, d, Δ, a/a

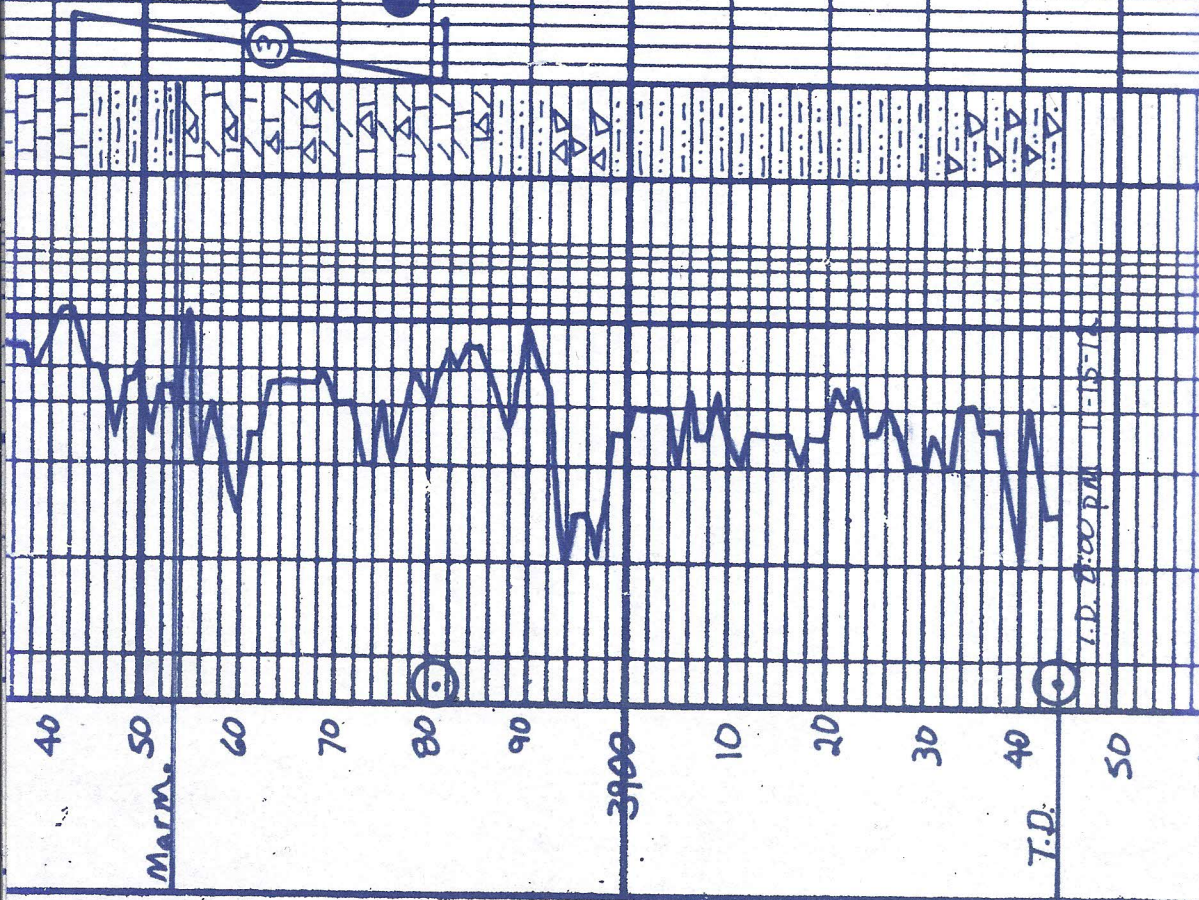
sh's s t t - brn - red - grey -

✓ A multicolor barren.

washi red.

Mud
Vis. 56
wt. - 9.3 #
CM - 2

Δ/cm b/g b/g w/g



1-16-12



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48650

Well Name & No. BENNO Riga #1 Test No. 1 Date 11-13-12
Company STAB OIL Co. Elevation 2254 KB 2250 GL
Address 1607 Hopewell Rd. Hays Ks. 67601-9443
Co. Rep / Geo. Randy Millan Rig Shields
Location: Sec. 28 Twp. 12S Rge. 21W Co. Trego State KS

Interval Tested 3570-3633 Zone Tested LKC - "C-F"
Anchor Length 63 Drill Pipe Run 3089 Mud Wt. 9.2
Top Packer Depth 3565 Drill Collars Run 0 Vis 48
Bottom Packer Depth 3570 Wt. Pipe Run 468 WL 7.8
Total Depth 3633 Chlorides 1800 ppm System LCM M:1

Blow Description IFP - Surface Blow Building to 6in.
FSIP - No Blow
FFP - Bob in 21 min.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>437</u>	<u>mcw show of oil</u>		<u>85</u>	<u>15</u>	
<u>93</u>	<u>O+W cm</u>	<u>2</u>	<u>43</u>	<u>55</u>	

Rec Total 530 BHT 110 Gravity API RW 1310 @ 41 °F Chlorides 40000 ppm
(A) Initial Hydrostatic 1738 ☒ Test 1150 T-On Location 13:00
(B) First Initial Flow 20 ☐ Jars T-Started 15:00
(C) First Final Flow 66 ☐ Safety Joint T-Open 17:05
(D) Initial Shut-In 656 ☐ Circ Sub T-Pulled 20:40
(E) Second Initial Flow 73 ☐ Hourly Standby T-Out 22:37
(F) Second Final Flow 261 ☒ Mileage 52 RT 80.60 Comments
(G) Final Shut-In 611 ☐ Sampler
(H) Final Hydrostatic 1678 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies

Initial Open 5
Initial Shut-In 60
Final Flow 60
Final Shut-In 90
☐ Day Standby
☐ Accessibility
Sub Total 1230.60
Sub Total 0
Total 1230.60
MP/DST Disc't

Approved By _____ Our Representative [Signature]
Triobite 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. 51551

Well Name & No. Benno Riga #1 Test No. 2 Date 11-14-12
Company Staab Oil Co & General partners Elevation 2254 KB 2250 GL
Address 1607 Hopewell Rd, Hays KS, 67601
Co. Rep / Geo. Randy Kilian Rig Shields Drilling
Location: Sec. 28 Twp. 12S Rge. 21W Co. Trego State KS

Interval Tested 3647-3765 Zone Tested LKC "G-K"
Anchor Length 118' Drill Pipe Run 3184 Mud Wt. 9.2
Top Packer Depth 3642 Drill Collars Run - Vis 49
Bottom Packer Depth 3647 Wt. Pipe Run 468 WL 8
Total Depth 3765 Chlorides 2,000 ppm System LCM -

Blow Description IF- 3/4" bbw
ISI- No blow back
FF- 5" blow
FSI- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Feet of 650CM</u>	<u>5</u>	<u>10</u>	<u>85</u>	
Rec	Feet of <u>248' 8 G.I.P.</u>	%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 <u>60</u>	BHT <u>107°</u>	Gravity <u>-</u>	API RW <u>-</u>	@ <u>-</u> °F	Chlorides <u>-</u> ppm

(A) Initial Hydrostatic 1937
(B) First Initial Flow 60
(C) First Final Flow 66
(D) Initial Shut-In 820
(E) Second Initial Flow 70
(F) Second Final Flow 83
(G) Final Shut-In 777
(H) Final Hydrostatic 1818

☒ Test 1150
☐ Jars
☐ Safety Joint
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 50X2 80.60
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1230.60

T-On Location 1:37pm
T-Started 2:00pm
T-Open 3:49pm
T-Pulled 7:24pm
T-Out 9:19pm
Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1230.60
MP/DST Disc't

Initial Open 05
Initial Shut-In 60
Final Flow 60
Final Shut-In 90

Approved By

Our Representative

Cody B...

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. 51552

Well Name & No. Benho Riza #1 Test No. 3 Date 11-15-12
Company Stach oil & General partners Elevation 2254 KB 2256 GL
Address 1607 Hopewell Rd. Hays KS, 67601
Co. Rep / Geo. Randy Killian Rig Shields Drilling
Location: Sec. 28 Twp. 12S Rge. 21W Co. Trego State KS

Interval Tested 3842 - 3881 Zone Tested Marmaton
Anchor Length 39' Drill Pipe Run 3371 Mud Wt. 9.2
Top Packer Depth 3837 Drill Collars Run — Vis 50
Bottom Packer Depth 3842 Wt. Pipe Run 468 WL 8.0
Total Depth 3881 Chlorides 2,000 ppm System LCM —

Blow Description IF - 1/4" blow
ISI - No blow back
FF - No blow for 20 Min. flushed, surged & dired
FSI - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>VSOCM</u>	<u>5</u>		<u>95</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 113° Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic	<u>1941</u>	☒ Test	<u>1150</u>	T-On Location	<u>8:54am</u>
(B) First Initial Flow	<u>31</u>	☐ Jars		T-Started	<u>9:15am</u>
(C) First Final Flow	<u>32</u>	☐ Safety Joint		T-Open	<u>11:18am</u>
(D) Initial Shut-In	<u>1055</u>	☐ Circ Sub		T-Pulled	<u>1:23pm</u>
(E) Second Initial Flow	<u>33</u>	☐ Hourly Standby		T-Out	<u>2:43pm</u>
(F) Second Final Flow	<u>38</u>	☒ Mileage	<u>100 RT</u> 161.20	Comments	<u>loaded tools @ 20:00</u>
(G) Final Shut-In	<u>853</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1920</u>	☐ Straddle		☐ Ruined Shale Packer	

Initial Open	<u>05</u>	☐ Shale Packer		☐ Ruined Packer	
Initial Shut-In	<u>60</u>	☐ Extra Packer		☐ Extra Copies	
Final Flow	<u>30</u>	☐ Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>30</u>	☐ Day Standby		Total	<u>1311.20</u>
		☐ Accessibility		MP/DST Disc't	
		Sub Total	<u>1311.20</u>		

Approved By

Our Representative

Cody R

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