

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1090414

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 #			API No. 15		
Name:			Spot Description:		
Address 1:			Sec.	Twp S. R	East West
Address 2:			F6	eet from North / Se	outh Line of Section
City: S	tate: Z	ip:+	Fe	eet from East / W	lest Line of Section
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	rner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well	l #:
	e-Entry	Workover	Field Name:		
	_	_	Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _	
OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:
CM (Coal Bed Methane)	_ dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet
Cathodic Other (Con	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	No
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet
Operator:			If Alternate II completion, of	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:	Original T	otal Depth:			
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t		
Commingled	Dormit #		Chloride content:	ppm Fluid volume: _	bbls
Dual Completion			Dewatering method used:		
SWD			Location of fluid disposal if	i hauled offsite:	
☐ ENHR			Loodiion of haid diopodal in	nation office.	
GSW	Permit #:		Operator Name:		
_ _				License #:	
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec	TwpS. R	
Recompletion Date		Recompletion Date	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:					

Page Two



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. D res, whether shut-in pre ith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes No			on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne conductor, surface, inte		ion, 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 / SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
	ulic fracturing treatment or otal base fluid of the hydra	n this well? aulic fracturing treatment ex	ceed 350.000 gallons	Yes ? Yes		p questions 2 an p question 3)	d 3)
	· ·	submitted to the chemical of	_	Yes		out Page Three	of the ACO-1)
Shoto Par Foot	PERFORATIO	N RECORD - Bridge Plug	s Set/Type	Acid, Fra	cture, Shot, Cement	Squeeze Record	i
Shots Per Foot	Specify Fo	ootage of Each Interval Perf	orated	(AI	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:			
					Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil B		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:	N.	METHOD OF COMPLE	TION:		PRODUCTIO	ON INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	nmingled		
	bmit ACO-18.)	Other (Specify)	(Submit A	ACO-5) (Sub	mit ACO-4)		



Prepared For: TDI, Inc.

1310 Bison Rd. Hays, KS 67601

ATTN: Herb Deines

Gerstner #1

13-15s-19w Ellis,KS

Start Date: 2012.06.22 @ 20:15:15

End Date: 2012.06.23 @ 02:45:15

Job Ticket #: 47957 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

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

Printed: 2012.06.28 @ 10:11:18



TDI, Inc. 13-15s-19w Ellis,KS

1310 Bison Rd. Gerstner #1

Hays, KS 67601 Job Ticket: 47957 **DST#:1**

ATTN: Herb Deines Test Start: 2012.06.22 @ 20:15:15

GENERAL INFORMATION:

Formation: LKC "A-D"

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 22:02:05 Tester: Dustin Rash

Time Test Ended: 02:45:15 Unit No: 38

 Interval:
 3300.00 ft (KB) To
 3380.00 ft (KB) (TVD)
 Reference Elevations:
 2035.00 ft (KB)

Total Depth: 3380.00 ft (KB) (TVD) 2028.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 7.00 ft

Serial #: 8354 Inside

Press @ RunDepth: 311.82 psig @ 3370.00 ft (KB) Capacity: 8000.00 psig

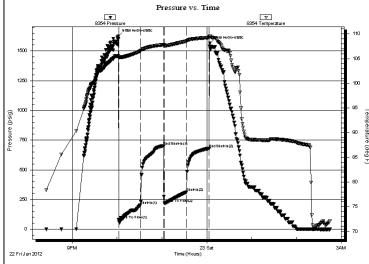
 Start Date:
 2012.06.22
 End Date:
 2012.06.23
 Last Calib.:
 2012.06.23

 Start Time:
 20:25:15
 End Time:
 02:45:15
 Time On Btm:
 2012.06.22 @ 22:01:45

 Time Off Btm:
 2012.06.23 @ 00:04:15

TEST COMMENT: IF-Strong building blow . BOB in 1 minute 45 seconds.

ISI-Return @ 30 seconds. Built to 5 inches. FF-Strong building blow . BOB in 3 minutes. FSI-Return @ 1 minute. BOB in 27 minutes.



FINESSURE SUIVINIANT					
	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	1624.07	105.60	Initial Hydro-static	
	1	79.90	105.14	Open To Flow (1)	
	30	202.80	106.53	Shut-In(1)	
4	61	701.32	107.79	End Shut-In(1)	
Temperature	62	219.20	107.68	Open To Flow (2)	
ature	91	311.82	108.51	Shut-In(2)	
fdea	122	680.35	109.25	End Shut-In(2)	
פ	123	1564.78	109.50	Final Hydro-static	

Cac Datas

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
62.00	95%Water/5%Mud	0.87
31.00	50%Gas/20%Oil/25%Water/5%Mud	0.43
155.00	50%Gas/50%Oil	2.17
372.00	20%Gas/60%Oil/10%Water/10%Mud	5.22
124.00	25%Gas/5%Oil/70%Mud	1.74
17.00	5%Oil/95%Mud	0.24

Ods Nates			
Choko (inchos)	Proceuro (peig)	Gas Pato (Mof/d)	

Trilobite Testing, Inc Ref. No: 47957 Printed: 2012.06.28 @ 10:11:18



TDI, Inc. 13-15s-19w Ellis,KS

1310 Bison Rd. Gerstner #1

Hays, KS 67601 Job Ticket: 47957 **DST#:1**

ATTN: Herb Deines Test Start: 2012.06.22 @ 20:15:15

GENERAL INFORMATION:

Formation: LKC "A-D"

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 22:02:05 Tester: Dustin Rash

Time Test Ended: 02:45:15 Unit No: 38

Interval: 3300.00 ft (KB) To 3380.00 ft (KB) (TVD) Reference Elevations: 2035.00 ft (KB)

Total Depth: 3380.00 ft (KB) (TVD) 2028.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 7.00 ft

Serial #: 8520 Outside

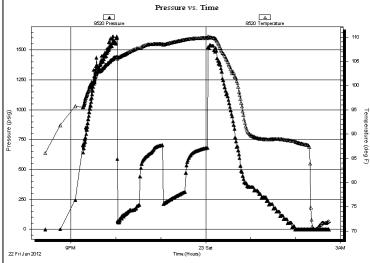
 Press@RunDepth:
 psig
 @ 3370.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2012.06.22 End Date: 2012.06.23 Last Calib.: 2012.06.23

Start Time: 20:25:45 End Time: 02:44:45 Time On Btm: Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB in 1 minute 45 seconds.

ISI-Return @ 30 seconds. Built to 5 inches. FF-Strong building blow. BOB in 3 minutes. FSI-Return @ 1 minute. BOB in 27 minutes.



PI	RESSUR	RE SUMMARY
SCIIFA	Temn	∆ nnotation

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
Ter				
Temperature (deg F)				
ea F)				

Recovery

Length (ft)	Description	Volume (bbl)
62.00	95%Water/5%Mud	0.87
31.00	50%Gas/20%Oil/25%Water/5%Mud	0.43
155.00	50%Gas/50%Oil	2.17
372.00	20%Gas/60%Oil/10%Water/10%Mud	5.22
124.00	25%Gas/5%Oil/70%Mud	1.74
17.00	5%Oil/95%Mud	0.24

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)	
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Trilobite Testing, Inc Ref. No: 47957 Printed: 2012.06.28 @ 10:11:19



TOOL DIAGRAM

TDI, Inc.

13-15s-19w Ellis, KS

1310 Bison Rd. Hays, KS 67601 Gerstner #1

Job Ticket: 47957

DST#: 1

ATTN: Herb Deines

Test Start: 2012.06.22 @ 20:15:15

Tool Information

Drill Pipe: Length: 3296.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 0.00 ft Diameter:

Diameter:

3.80 inches Volume: 46.23 bbl 2.70 inches Volume: 0.00 bbl 2.25 inches Volume: 0.00 bbl Total Volume: 46.23 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 24000.00 lb Weight to Pull Loose: 10000.00 lb Tool Chased 0.00 ft

Drill Pipe Above KB: 16.00 ft Depth to Top Packer: 3300.00 ft

Depth to Bottom Packer: ft Interval between Packers: 80.00 ft Tool Length:

String Weight: Initial 32000.00 lb Final 34000.00 lb

100.00 ft Number of Packers: 2

Tool Comments:

6.75 inches

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3281.00		
Shut In Tool	5.00			3286.00		
Hydraulic tool	5.00			3291.00		
Packer	5.00			3296.00	20.00	Bottom Of Top Packer
Packer	4.00			3300.00		
Stubb	1.00			3301.00		
Perforations	5.00			3306.00		
Change Over Sub	1.00			3307.00		
Drill Pipe	62.00			3369.00		
Change Over Sub	1.00			3370.00		
Recorder	0.00	8354	Inside	3370.00		
Recorder	0.00	8520	Outside	3370.00		
Perforations	7.00			3377.00		
Bullnose	3.00			3380.00	80.00	Bottom Packers & Anchor

Total Tool Length: 100.00

Printed: 2012.06.28 @ 10:11:19 Trilobite Testing, Inc Ref. No: 47957



FLUID SUMMARY

TDI, lnc. 13-15s-19w Ellis, KS

1310 Bison Rd. Gerstner #1

Hays, KS 67601 Job Ticket: 47957 **DST#:1**

ATTN: Herb Deines Test Start: 2012.06.22 @ 20:15:15

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 40 deg API

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 6.80 in³ Gas Cushion Type:

Resistivity: 0.19 ohm.m Gas Cushion Pressure: psig

Salinity: 3300.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	95%Water/5%Mud	0.870
31.00	50%Gas/20%Oil/25%Water/5%Mud	0.435
155.00	50%Gas/50%Oil	2.174
372.00	20%Gas/60%Oil/10%Water/10%Mud	5.218
124.00	25%Gas/5%Oil/70%Mud	1.739
17.00	5%Oil/95%Mud	0.238
0.00	1223' G.I.P.	0.000

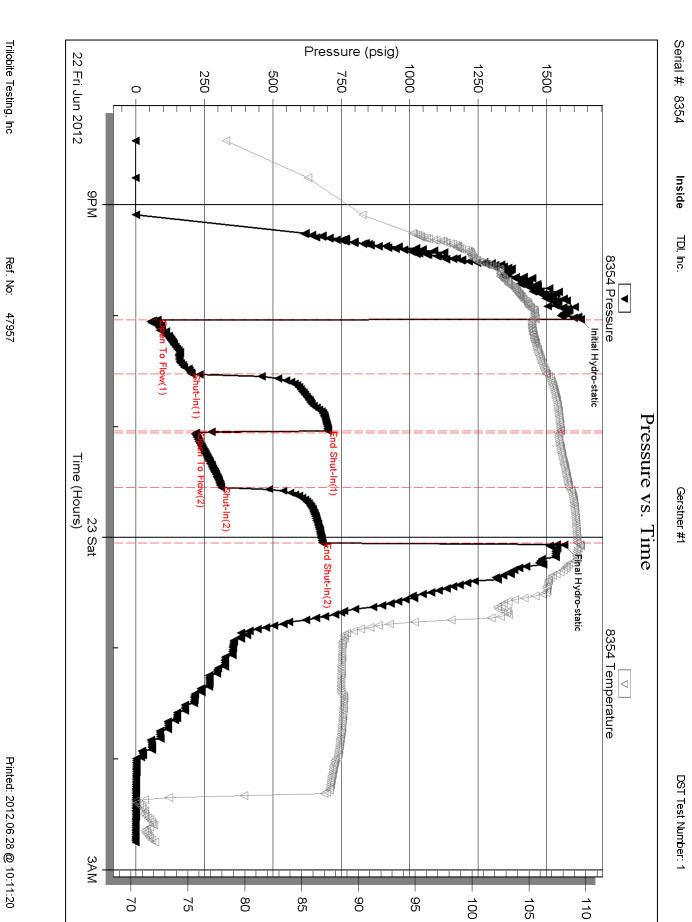
Total Length: 761.00 ft Total Volume: 10.674 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

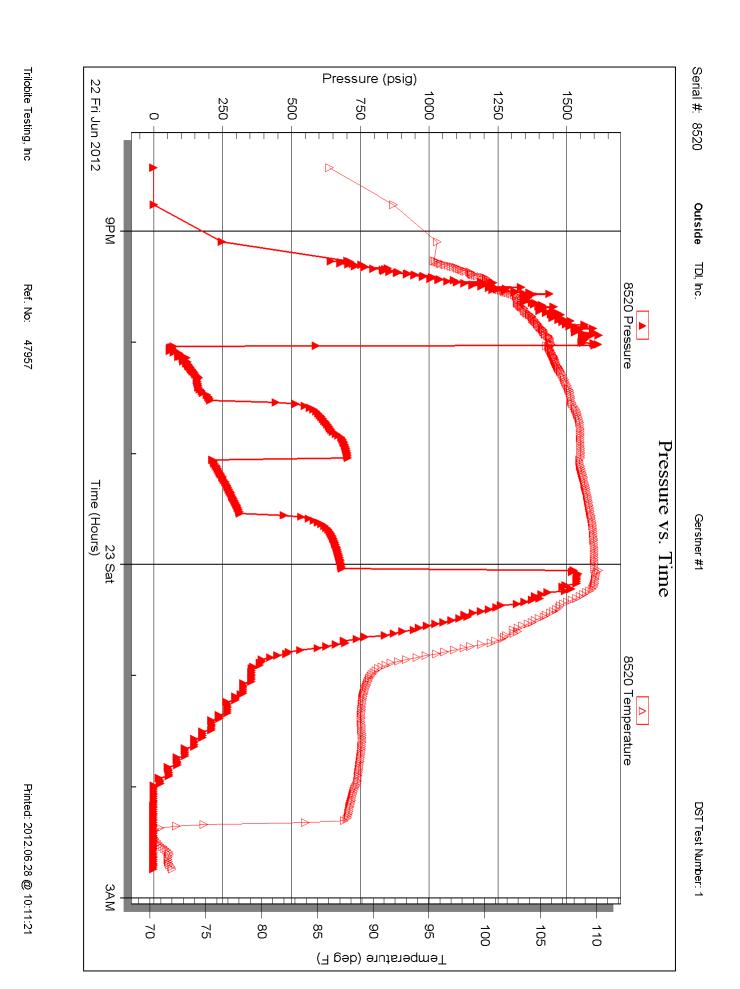
Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 47957 Printed: 2012.06.28 @ 10:11:20



Temperature (deg F)





RILOBITE ESTING INC.

PO Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47957

4/10	P.O. Box 1733 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	SCLOTHEL #1	-	Test No.	Da	ate 622-1	2
TXT	Tic		Elevation 2	035	KB 20 2	GL GL
Company VIST	Bison Rd.	Haus KS	67601		,	
Address (SIC)	16 Danal	1.090)	Rig So	whered	4	
Co. Rep / Geo. He	5 Twp. 155	Rge. 19W	co. F11	5	State/	125
Location: Sec.		/	KC "A-	N'1		
Interval Tested 53	00-3380	Zone Tested	3>9/	Mur	wt. 8.9)
Anchor Length 3)'	_ Drill Pipe Run _	506		WI	
Top I donor bopin	295	_ Drill Collars Run		Vis	18	
Bottom Packer Depth 3	300	_ Wt. Pipe Run	300	WL	1 4	
Total Depth		10 , 0	300 ppn	System LCI	-	ds
Blow Description	0 - 1	laing blow.	BOB M	_ / /	45 secon	1
- Ker		conds, B	WITTO 3	inches		
10-10-		Blow, BC		nouve	\	
FST-Revi	1.15 - 0 11	ie, 15015		5 mil	%water	95 %mud
	eet of USOCM	1 (1)	%gas 25 %gas		Direction of the state of the s	760 %mud
	eet of COUSY OCK	/		5 %oil %oil	%water	/ O%mud
	eet of Gassy WMC	D. (62000)		0 %il 50%il	/O%water	Access to the second
	eet of Galay 0,7	95	50%gas 2		%water	%mud
7/1	eet of Gassy omc	1-10	API RW 1920	- 1	%water	3 %mud
Rec Total	1674 BHT	Gravity	1150		on 1815	ppm
(A) Initial Hydrostatic((B) First Initial Flow(20	Test 177	3 1130	T-Started	> 11,00	
_	°03	Jars CC	5	T-Open	\	
(D) Initial Shut-In	01	□ Safety Joint 💪		T-Pulled		
(E) Second Initial Flow _	719	☐ Circ Sub		T-Out O	245	
(F) Second Final Flow _	317	Hourly Standby_	7/7	Comments	Batt-2	015
(G) Final Shut-In	80	Mileage /	/	Slid	8-10'a	erer,
(H) Final Hydrostatic	1565	□ Sampler		aper	eng of	100/
(11) 1 mai riyurustatic		☐ Straddle			Shale Packer_	
Initial Open 30		☐ Shale Packer		- Hamed	Packer	.4
Initial Shut-In	20	☐ Extra Packer		- LANG O	opies	
Final Flow	30	☐ Extra Recorder _				- 1
Final Shut-In	30	☐ Day Standby		Maria and the second of		
ai onut III	30	Accessibility		MP/DST D	Disc't	/
Approved By		Sub Total1196.50		$\langle \ \ \rangle$	LOV.	
Approved By Trilobite Testing Inc. shall not be liabl	e for damaged of any kind of the property or on concerning the results of any test, tools I	percental of the and the section to	Representative		COO.	
equipment, or its statements or opini	on concerning the results of any test, tools l	ost or damaged in the hole shall t	be paid for at cost by the par	ty for whom the test is m	irectly or indirectly, thr ade.	ough the use of its

OPERATOR

Company: TDI, INC.

Address: 1310 BISON ROAD HAYS, KANSAS 67601

Contact Geologist: TOM DENNING
Contact Phone Nbr: 785-259-3141
Well Name: GERSTNER # 1

Location: NE SW NW NW Sec.13-15S-19W API: 15-051-26,312-00-00 Pool: WILDCAT Field: DECHANT SOUTH

State: KANSAS Country: USA



HAYS, KANSAS 67601 (785) 628-2593

Scale 1:240 Imperial

Well Name: GERSTNER # 1

Surface Location: NE SW NW NW Sec.13-15S-19W

Bottom Location:

API: 15-051-26,312-00-00

License Number: 4787

Spud Date: 6/18/2012 Time: 1:00 PM

Region: ELLIS COUNTY

Drilling Completed: 6/23/2012 Time: 8:39 PM

Surface Coordinates: 775' FNL & 615' FWL

Bottom Hole Coordinates:

Ground Elevation: 2025.00ft
K.B. Elevation: 2035.00ft

Logged Interval: 2900.00ft To: 3752.00ft

Total Depth: 3750.00ft
Formation: LANSING-KANSAS CITY

Drilling Fluid Type: GEL/CHEMICAL

SURFACE CO-ORDINATES

Latitude:

Well Type: Vertical

Longitude:

N/S Co-ord: 775' FNL E/W Co-ord: 615' FWL

LOGGED BY



Company: SOLUTIONS CONSULTING

Address: 108 W 35TH

HAYS, KS 67601

Phone Nbr: (785) 639-1337

Logged By: Geologist Name: HERB DEINES

CONTRACTOR

Contractor: SOUTHWIND DRILLING, INC.

Rig #: 1

Rig Type: MUD ROTARY

 Spud Date:
 6/18/2012
 Time:
 1:00 PM

 TD Date:
 6/23/2012
 Time:
 8:39 PM

 Rig Release:
 6/24/2012
 Time:
 5:00 PM

ELEVATIONS

K.B. Elevation: 2035.00ft Ground Elevation: 2025.00ft

K.B. to Ground: 10.00ft

NOTES

RECOMMENDATION TO RUN PRODUCTION CASING BASED ON RESULTS OF DST # 1 AND FAVORABLE STRUCTURE.

FORMATION TOPS SUMMARY AND SUMMARY OF DAILY ACTIVITY AND DEPTH AT 7:00 AM

GERSTNER #1 775' FNL & 615' FWL, NW/4 Sec.13-15s-19w

2025' GL 2035' KB

<u>FORMATION</u>	SAMPLE TOPS	LOG TOPS
Anhydrite	1222+ 813	1226+812
B-Anhydrite	1262+ 773	1262+773
Topeka	2992- 957	2994- 959
Heebner Shale	3274-1239	3275-1240
Toronto	3295-1260	3293-1258
LKC	3319-1284	3318-1283
ВКС		3566-1531
Arbuckle		3633-1598
RTD	3750-1715	
LTD		3752-1717

RU, Spud 1:00PM, set surface casing to 212.77' w/150 sxs. 6-18-12 Common, 2%gel, 3%CC, Slope survey 3/4 degree, WOC 8 hrs. Plug down 5:15PM, Quality Cementing Ticket #873 6-19-12 214', change brake pads on draw works, drilling 6-20-12 1680', drilling 6-21-12 2521', drilling 6-22-12 3210', drilling, DST # 1, slope survey ¾ degree 6-23-12 3413', drilling, RTD 3750', mini short trip, CCH, out for logs 6-24-12 3750', logging completed, trip in with drill pipe, run casing, RD

DST # 1 SUMMARY PAGE



DRILL STEM TEST REPORT

13/15S/19W-Ellis

1310 Bison Rd. Gerstner #1 Hays, KS 67601 Job Ticket: 47957 DST#: 1 Test Start: 2012.06.22 @ 20:15:15 ATTN: Herb Deines

GENERAL INFORMATION:

LKC "A-D" Deviated:

Whipstock:

Time Tool Opened: 22:02:05

Time Test Ended: 02:45:15

Interval: 3300.00 ft (KB) To 3380.00 ft (KB) (TVD) Total Depth: 3380.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condition: Poor

Test Type: Conventional Bottom Hole (Initial) Tester: Dustin Rash

PRESSURE SUMMARY

Unit No:

Reference Bevations: 2035.00 ft (KB) 2028.00 ft (CF) KB to GR/CF: 7.00 ft

Serial #: 8354

Press@RunDepth: Start Date: Start Time:

311.82 psig @ 2012.06.22 20:25:15

3370.00 ft (KB) End Date: End Time:

ft (KB)

2012.06.23 02:45:15

Capacity: Last Calib.: Time On Btm:

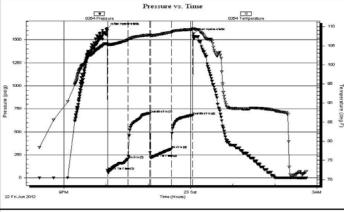
Time Off Btm:

8000.00 psig 2012.06.23 2012.06.22 @ 22:01:45

2012.06.23 @ 00:04:15

TEST COMMENT: IF-Strong building blow. BOB in 1 minute 45 seconds. ISI-Return @ 30 seconds. Built to 5 inches.

FF-Strong building blow. BOB in 3 minutes. FSI-Return @ 1 minute. BOB in 27 minutes.



	(Min.)	(psig)
Temperature (deg F)	0	1624.07
	1	79.90
	30	202.80
	61	701.32
	62	219.20
	91	311.82
	122	680.35
Ð	123	1564.78

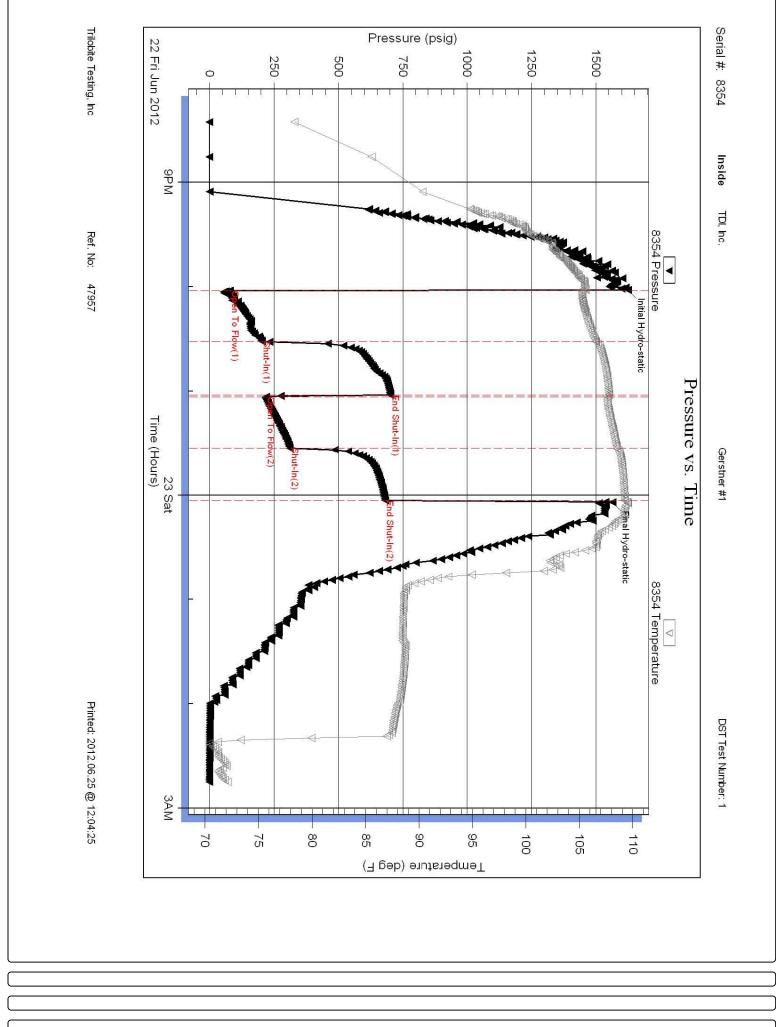
Temp Annotation (deg F) 105.60 Initial Hydro-static 105.14 Open To Flow (1) 106.53 Shut-In(1) 107.79 End Shut-In(1) 107.68 Open To Flow (2) 108.51 Shut-In(2) 109.25 End Shut-In(2) 109.50 Final Hydro-static

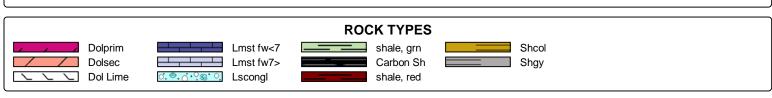
Recovery Length (ft) Description Volume (bbl) 62.00 0.87 95%Water/5%Mud 31.00 50%Gas/20%Oil/25%Water/5%Mud 0.43 155.00 50%Gas/50%Oil 2.17 372.00 20%Gas/60%Oil/10%Water/10%Mud 5.22 124.00 25%Gas/5%Oil/70%Mud 1.74 17.00 5%0il/95%Mud 0.24

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

Printed: 2012.06.25 @ 12:04:24

Trilobite Testing, Inc Ref. No: 47957





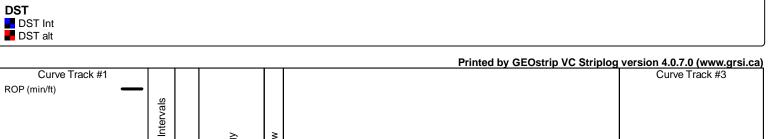
ACCESSORIES

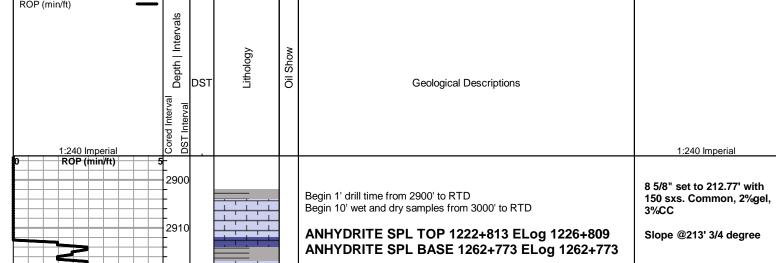
MINERAL ■ Carbonaceous Flakes ▲ Chert, dark

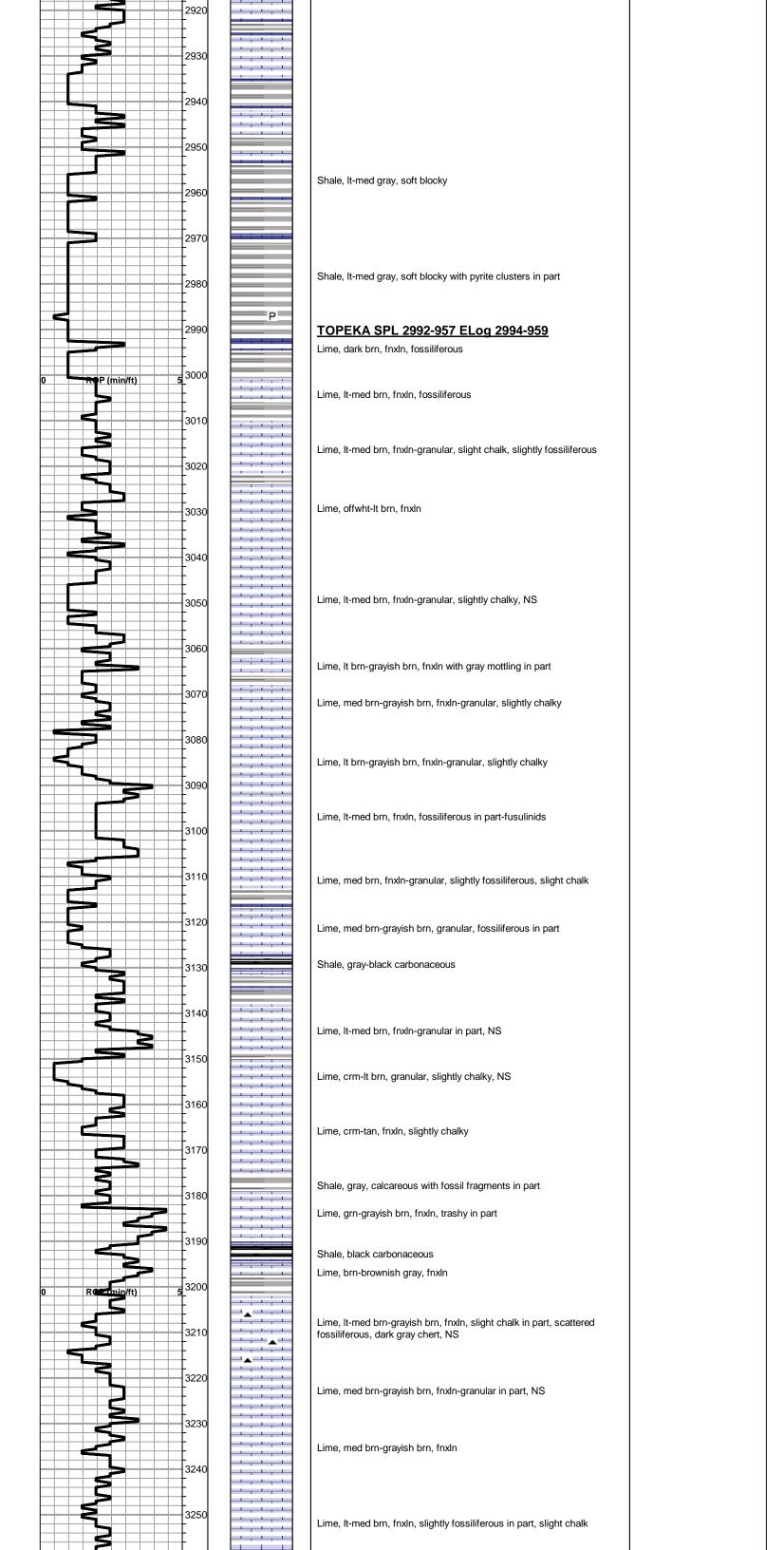
FOSSIL

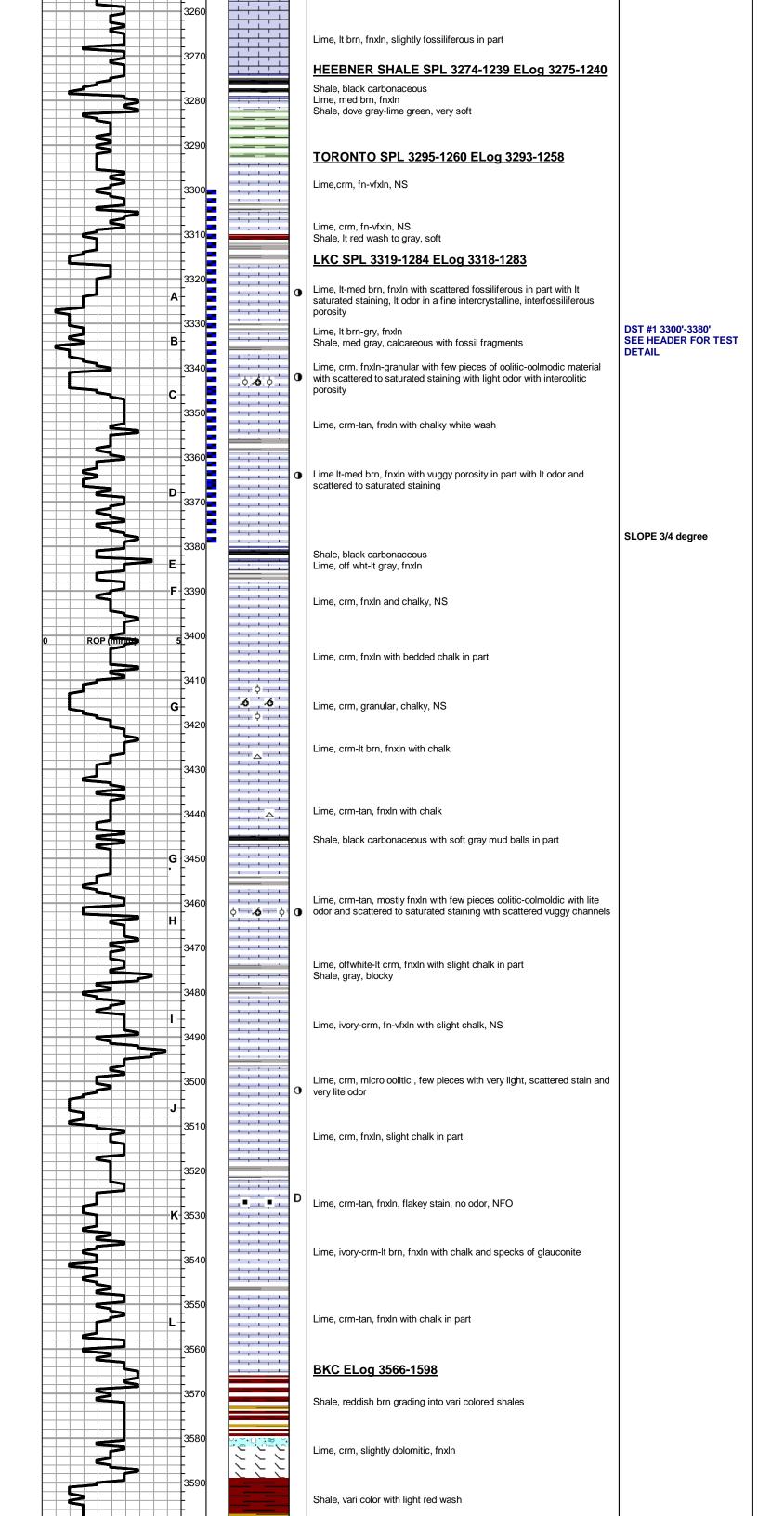
Sandy Varicolored chertChert White ♦ Oolite♠ Oomoldic

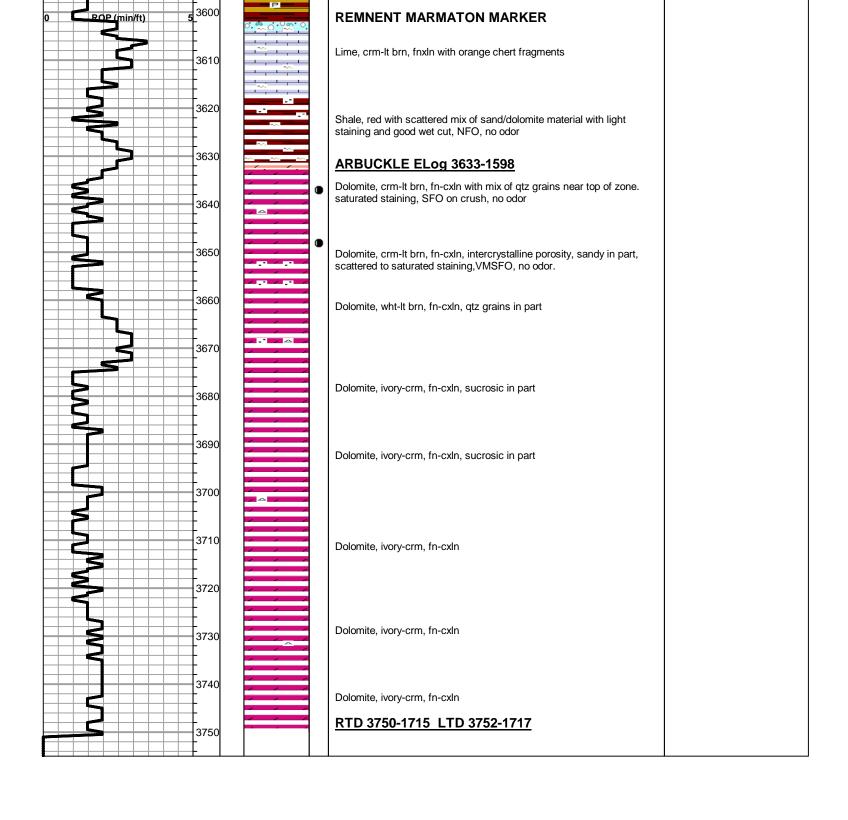
OTHER SYMBOLS











QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 873

On Location Finish State Twp. Range County Sec. 19 KANSAT Location 世人 Owner TDI Southerno To Quality Oilwell Cementing, Inc. URFACE You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. T.D. Hole Size Charge Depth Csg Depth Tbg. Size KS 67601 Depth HAYS Tool The above was done to satisfaction and supervision of owner agent or contractor. Shoe Joint Cement Left in Csg. Cement Amount Ordered Displace Meas Line **EQUIPMENT** Cementer NICK Common **LONNE** Poz. Mix Gel. JOB SERVICES & REMARKS Calcium Hulls Remarks: Salt Rat Hole Flowseal Mouse Hole Kol-Seal Centralizers Baskets Mud CLR 48 CFL-117 or CD110 CAF 38 D/V or Port Collar Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down THANK Pumptrk Charge Mileage Tax Discount X Signature Total Charge



LOCATION DAKSEY KE FOREMAN Kelly Gabe (

FIELD TICKET & TREATMENT REPORT

walt Dinke

	nanute, KS 6673 or 800-467-8676			CEMEN	T			KS
DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COÙNTY
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	O Bison	, Ra		18,110		26111 A		Jordan
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THORIZTION	01/10	M DUNO	N -1/	TITLE			DATE 6-29	1. 1.

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

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 Sam Brownback, Governor

September 05, 2012

Tom Denning TDI, Inc. 1310 BISON RD HAYS, KS 67601-9696

Re: ACO1 API 15-051-26312-00-00 Gerstner 1 NW/4 Sec.13-15S-19W Ellis 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, Tom Denning