



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1081364
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: _____

1081364

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
--	---

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Baird Oil Company LLC
Well Name	Esslinger Ranch, Inc 1-26
Doc ID	1081364

Tops

Name	Top	Datum
Anhydrite	2029	+325
Base Anhydrite	2057	+297
Topeka	3349	-995
Heebner	3550	-1196
Toronto	3576	-1222
Lansing	3591	-1237
Base Kansas City	3784	-1430
Marmaton	3815	-1461
Quartzite	3856	-1502
Granite	3870	-1516
Total Depth	3900	-1546

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 15, 2012

Jim R. Baird
Baird Oil Company LLC
113 W MAIN
PO BOX 428
LOGAN, KS 67646

Re: ACO1
API 15-137-20602-00-00
Esslinger Ranch, Inc 1-26
SE/4 Sec.26-03S-22W
Norton 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,
Jim R. Baird

APT # 15-137-20602-00-00

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY <u>Baird Oil Company, LLC</u>	ELEVATION
LEASE <u>Esslinger Ranch, Inc. #1-26</u>	KB <u>2354'</u>
FIELD <u>Wildcat</u>	DF <u>2352'</u>
LOCATION <u>910' FSL + 1635' FEL</u>	GL <u>2349'</u>
SEC <u>26</u> TWSP <u>3s</u> RGE <u>22w</u>	Depths Measured From
COUNTY <u>Norton</u> STATE <u>Kansas</u>	Log <u>KB</u> Drilling <u>KB</u>
CONTRACTOR <u>UW Drilling Rig #8</u>	CASING
SPUD <u>4-12-12</u> COMP <u>4-18-12</u>	Surface <u>8 5/8" @ 254'</u>
SAMPLES SAVED FROM <u>3300'</u> TO <u>R.T.D</u>	Production <u>5 1/2" @ 3899'</u>
	ELECTRIC LOGS <u>Superior Well Services</u>

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM ft. log	A	B	C	D
				●	●		
Anhydrite	2029	2029 +	325	+ 322	+ 331		
Base Anhydrite	2058	2057 +	297	+ 292	+ 302		
Topeka	3350	3349 -	995	- 992	- 987		
Heebner	3550	3550 -	1196	- 1191	- 1184		
Taranta	3576	3576 -	1222	- 1216	- 1211		
Lansing	3591	3591 -	1237	- 1233	- 1228		
Base Kansas City	3784	3784 -	1430	- 1423	- 1414		
Marmaton	3815	3815 -	1461	- 1451	- 1443		
Quartzite	3856	3856 -	1502	- 1479	- 1463		
Granite	3870	3870 -	1516				
Total Depth	3900	3900 -	1546	- 1488	- 1483		

REFERENCE WELLS

- A Baird Oil Co. Esslinger Ranch, Inc. #3-35, 445' FNL + 2585' FNL, Sec. 35-35-22w
- B Baird Oil Co. Esslinger Ranch, Inc. #5-35, 120' FNL + 2120' FEL, Sec. 35-35-22w
- C
- D Part Collar @ 2053'

REMARKS

This well ran 4 to 9 feet lower on the Lansing top than the reference wells. It was decided production casing would be cemented to further test the well. The interval from 3847' to 3855' should be tested.

Richard R. Bell
4-18-12

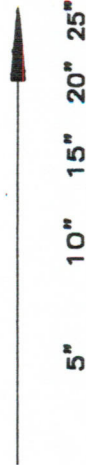
7502

LEGEND

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

DRILLING TIME IN MINUTES
PER FOOT

Rate of Penetration Decreases



LOG 7710

DEPTH

2020

LITHOLOGY

SAMPLE DESCRIPTIONS

OIL SHOWS

REMARKS

Samples are logged
good samples

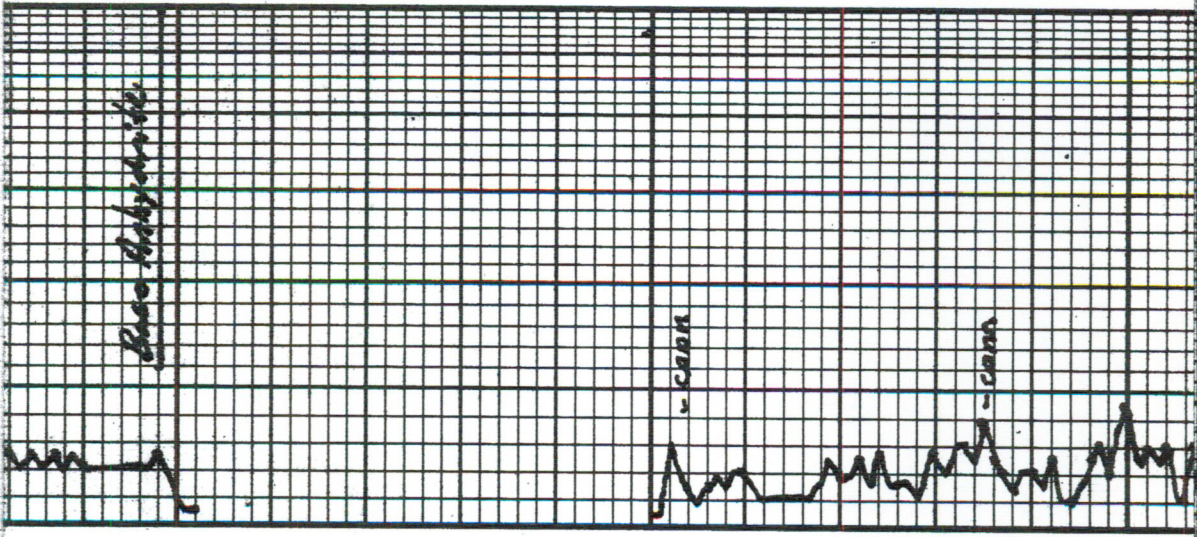


2060

3200

20

40



Base Hydroside

- CAMH

- CAMH

60

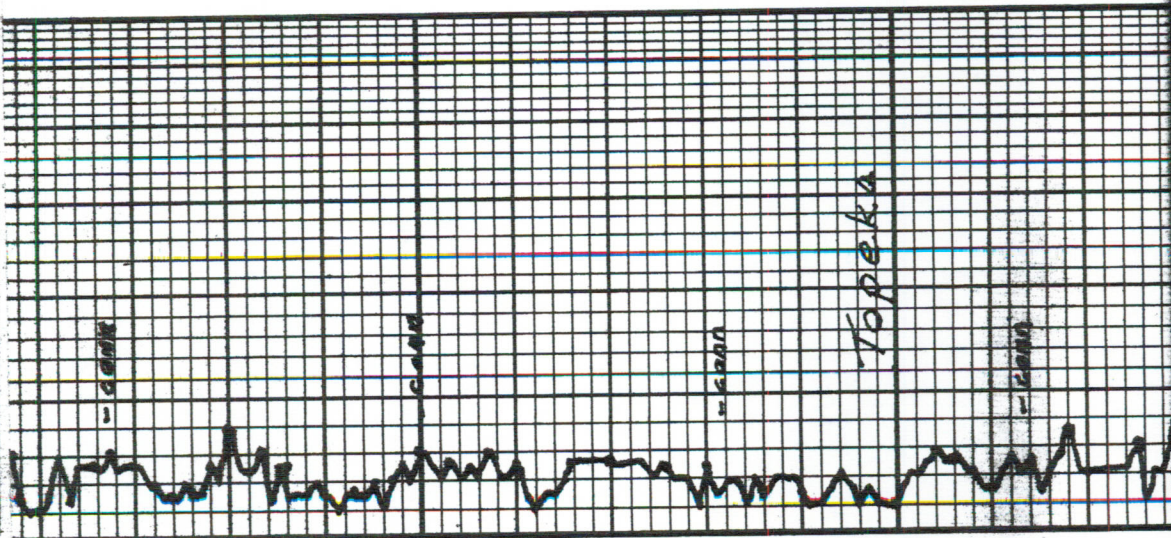
80

3300

20

40

60



Sh. gry. loca

Ls: wh. tn. gry. fslf das N.S.O.

Ls: wh. tn. cky. fcln das N.S.O. sh. brn. slty

Ls: wh. tn. cky. fcln tr. sl. fslf Tr. insla @ N.S.O.

Ls: wh. tn. gry. fcln das Tr. pyrite spks N.S.O.

Ls: tn. fslf das N.S.O. sh. brn. slty

Ls: wh. tn. cky. fslf das N.S.O. Tr. Δ tr

Ls: wh. tn. cky. fcln tr. sl. fslf N.S.O.

Ls: wh. tn. cky. fcln tr. sl. fslf Tr. insla @ N.S.O.

Topoeka

Ls:tn-gry fsk das

Sh:brn + gry

Ls:wh:tn cky-fsln öl igort
N.S.O. Δtn

Ls: a inor. Δ wh:tn
Sh:brn, gry

Ls:wh:tn v. cky-fsln öl
pr. inprt N.S.O. Δtn

Ls:wh:tn. ~~kt gry~~ sh:cky-fsln
das

sh: gry, brn

inor. sh: brn stty

V-sh:ky:brn stty

Ls:wh:tn cky-fsln sl. öl -
sub öl pr. pp N.S.O.

Sh:brn, gry

Ls:tn-gry fsk das Δtn
Fr. blk carb. sh

3400

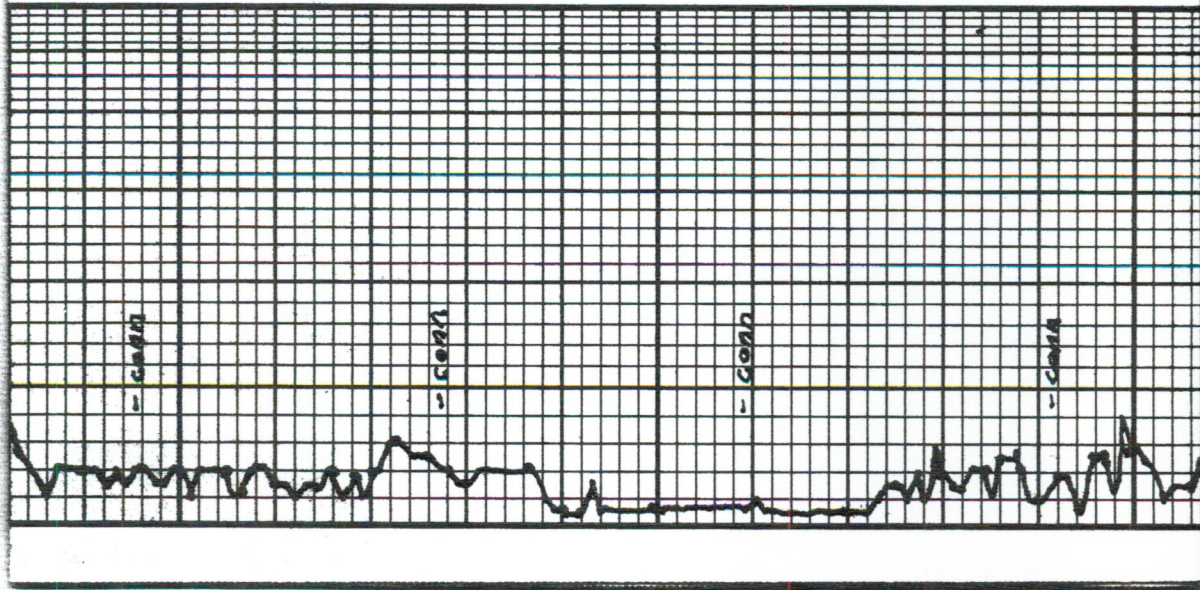
20

40

60

80

3500



LS: tr. gryfolt ans

LS: wh. tr. chy-feln ööl Stl.
pass inclus. in part of NSA

Sh: brn, grey

LS: wh. tr. chy-feln tr. ööl
Mostly feldns NSA

LS: wh. tr. wh. gry sl. chy-feln
Tr. Sl. feldns NSA

Sh: blk carb

Sh: grey slty
St. feldns: gry

Sh: brn slty

LS: wh. tr. chy-feln Tr. fely ööl
pp. f. fr. v. gry NSA

Sh: brn, grey

LS: wh. tr. sl. chy-feln ööl pp
R. T. M. O. sat. Lt. sptd O. str
T. pp f. O. on crushing
ft adol

LS: wh. tr. sl. chy-feln dns

V. Sh: ly: brn slty

20

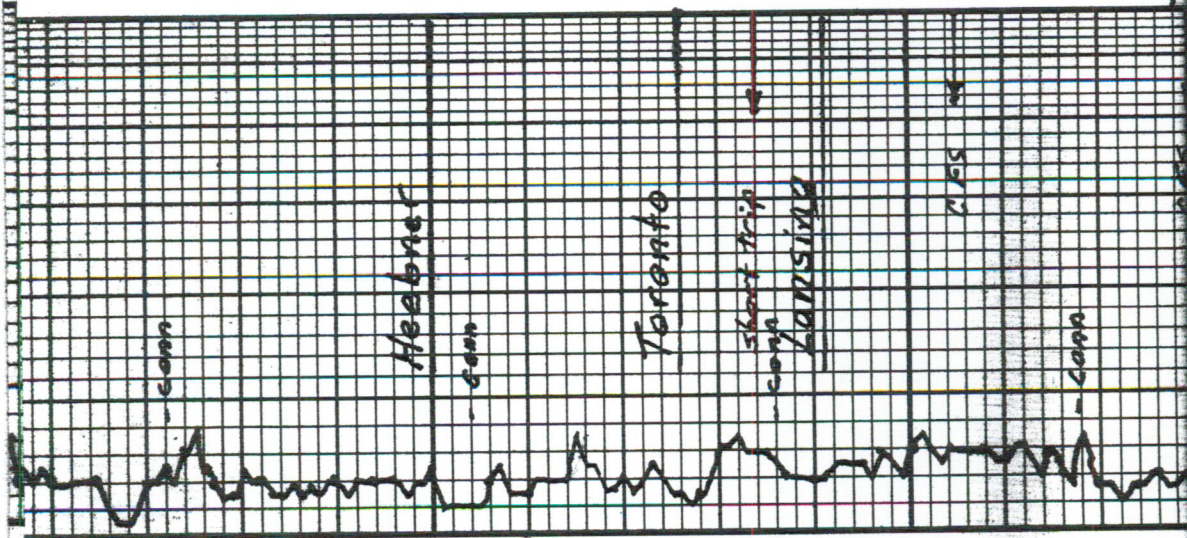
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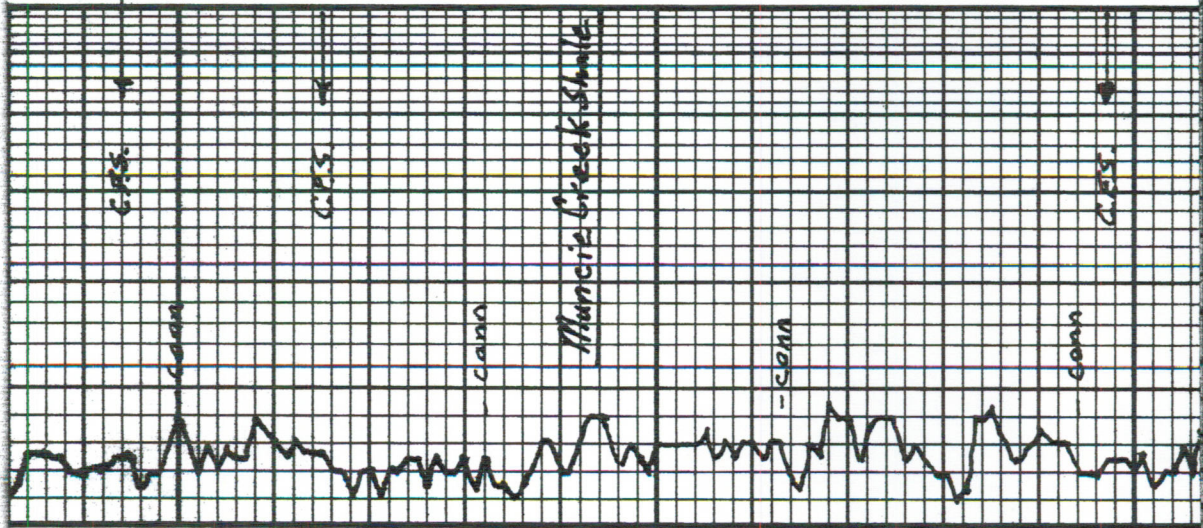
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'A'
3600

20



DST # 1-2828-3644
45-45-90-45
D. J. ...



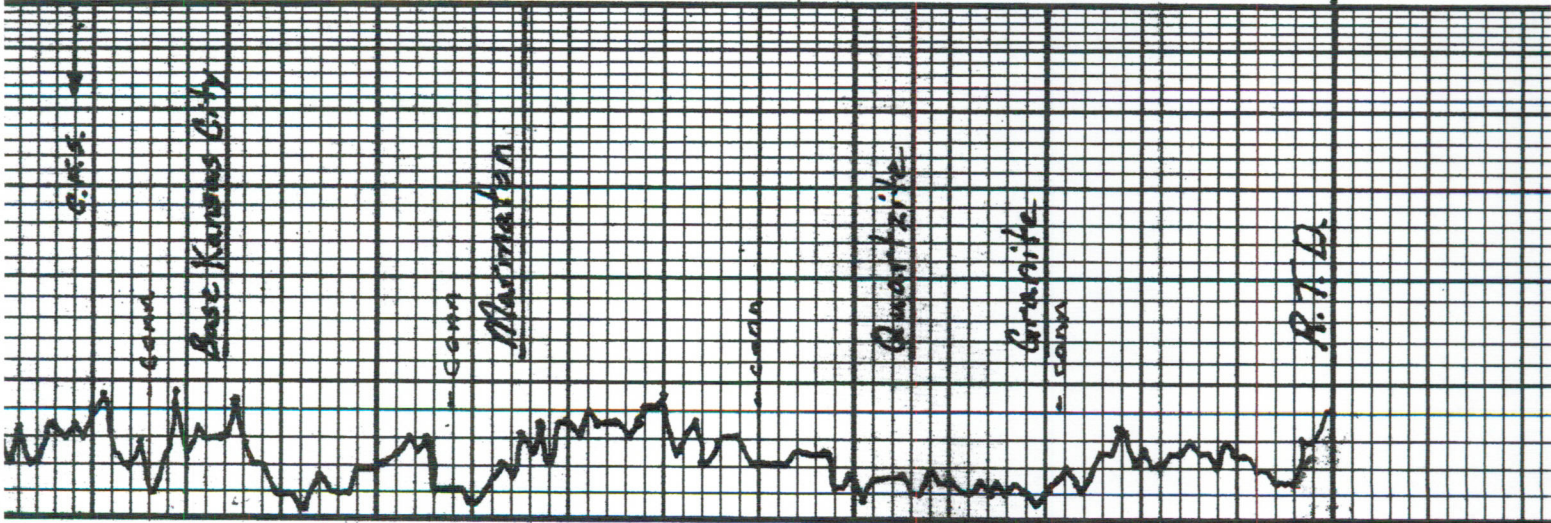
①
 C 40
 D 60
 E 80
 G 3700
 H 20
 I 40
 J 40



in part of Lt. Sp. d. & str. Δ wh. tr. f. s. l. f.
 LS: wh. tr. sli. cky. fch. f. s. l. f. oil w. f. as. in. cl. u. s. t. Lt. Sp. d. & str. Tr. float. in. f. o. No. odor Δ gry
 LS: wh. tr. - lt. gry fch. in. d. n. s. Sh. brn. s. l. t. y
 LS: wh. tr. fch. d. n. s. Tr. iso. Vugs Tr. Sp. d. edge. Str. N. f. o. a. a.
 LS: wh. tr. fch. in. oil. Tr. oil. c. sli. pyrite Tr. Lt. Sp. d. & str.
 Tr. blk carb. sh.
 Sh. gry s. l. t. y
 LS: wh. tr. - lt. gry fch. in. d. n. s. N. s. a.
 Sh. brn. s. l. t. y
 LS: tr. sli. yel. f. s. l. f. d. n. s. N. s. a.
 Sh. brn. s. l. t. y
 LS: wh. tr. fch. in. oil. w. f. as. in. cl. u. s. t. P. F. A. No. odor Sh. brn. gry

✓
 ✓
 ✓
 ✓
 ✓
 ✓
 ✓
 ✓

tool plugged
 Incline 1/2 @ 3644'



Shiborn clay LS: w/ th. city-fels. das R.T. sta from above?	Shiborn, grey LS: w/ th. fels. das N.S. & O.	Shiborn	LS: w/ th. sh. city-fels. das	Shiborn	LS: w/ th. sh. city-fels. p.p.p. Trasp. 5 ft	say LS: fels. w/ small crystals of Calcite, Tr. qtz. sd embedded at thick & sat floating f.o. strong odor	Quartz, w/ biotite - spks St. fractured ang. sli. rnd	Quartz, biotite, feldspar	Quartz, biotite, feldspar
---	---	---------	-------------------------------	---------	---	--	--	---------------------------	---------------------------

DST #2 3844-3900'
45-45-45-45
IF w/ blow incr. to 4 1/4"
ISI: No blow
FFI: w/ blow incr. to 5 1/2"
FSS: No blow
Recovery: 170' Total
50' C.O.
60' OCWM 30% O, Tens. W
70% M
60' OCWM 15% O, Tens. W
85% M
NFD: 1800-1875 #
FP: 47-69/76-83 #
BNP: 974-928 #
BH Temp: 96°F.
Gravity: 19° A.P.I.



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
4/12/2012	21467

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-26	Esslinger-Ra...	Norton	WW Drilling	Oil	Development	Cement Surface	Don

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	6.00	480.00
576D-S	Pump Charge - Shallow Surface (< 500 Ft.) - 253 Feet	1	Job	1,000.00	1,000.00
290	D-Air	2	Gallon(s)	35.00	70.00T
325	Standard Cement	165	Sacks	13.50	2,227.50T
279	Bentonite Gel	3	Sack(s)	25.00	75.00T
278	Calcium Chloride	5	Sack(s)	40.00	200.00T
581D	Service Charge Cement	165	Sacks	2.00	330.00
583D	Drayage	647.4	Ton Miles	1.00	647.40
	Subtotal				5,029.90
	Sales Tax Norton County			7.05%	181.36

R4/17/2012
P4/17/2012
Esslinge 190402 5211.26
Esslinger Ranch Inc 1-26 - Pump charge,
Cement & other misc used to cement
surface casing

We Appreciate Your Business!	Total	\$5,211.26
-------------------------------------	--------------	------------



CHARGE TO: Barrel Oil Co.
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No. **21467**

PAGE 1 OF 1

SERVICE LOCATIONS

1. Hays, KS WELL/PROJECT NO. 1-26 LEASE Essinger Ranch LLC COUNTY/PARISH Norton STATE KS CITY Norton DATE 4-12-12 OWNER

2. Ness City, KS TICKET TYPE CONTRACTOR RIG NAME/NO. SE Norton, KS ORDER NO. 1

3. WELL TYPE Oil WELL CATEGORY Revent Surface JOB PURPOSE Revent Surface WELL PERMIT NO. 1

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.		
575		1			MILEAGE # 11.3	82	Mi		600	48960	
5765		1			Pump Charge - Skatlow Surface	1	ea	253	ft.	10000	
290		1			D-Air	2	gal		3500	7000	
325		2			Structural Cement	165	SKs	155	10	lbs	22275
279		2			Bentonite Gel	3	SKs	300	lbs	2500	7500
278		2			Calcium Chloride	5	SKs	375	lbs	4125	20625
581		2			Service Charge - Cement	165	SKs			200	33000
583		2				82 mi	417.9	70	16/85	165	64774

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 4-12-12 TIME SIGNED 9:00 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 52899

TOTAL 5211

Norton TAX 7.05%

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Don Souman APPROVAL

Thank You

SWIFT



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
4/17/2012	21347

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-26	Esslinger Ra...	Norton	WW Drilling #8	Oil	Development	LongString	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer				11	Each	70.00	770.00T
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
411-5	5 1/2" Recipo Scratcher				30	Each	45.00	1,350.00T
325	Standard Cement				200	Sacks	13.50	2,700.00T
326	60/40 Pozmix (2% Gel)				40	Sacks	11.00	440.00T
276	Flocele				50	Lb(s)	2.00	100.00T
277	Gilsonite (Coal Seal)				500	Lb(s)	0.75	375.00T
283	Salt				1,550	Lb(s)	0.20	310.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
581D	Service Charge Cement				240	Sacks	2.00	480.00
583D	Drayage				1,214.6	Ton Miles	1.00	1,214.60
	Subtotal							14,739.60
	Sales Tax Norton County						7.05%	780.08
	<p style="text-align: center;">R 4/20/12 P 4/20/12</p> <p>Esslinge 190402 15,519.68 Esslinger Ranch Inc 1-26 - pump charge, cement, and other misc expenses used to cement production casing.</p>							
We Appreciate Your Business!							Total	\$15,519.68



CHARGE TO: Bruid Oil Co
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No 21347

PAGE 1 OF 2

SERVICE LOCATIONS
 1. HAYS WELL/PROJECT NO. 1-26 LEASE Esslinger Ranch Inc COUNTY/PARISH ADERTON STATE KS CITY ADERTON DATE 04-17-12 OWNER
 2. Ness TICKET TYPE SERVICE CONTRACTOR WLD DRIG #8 RIG NAME/NO. WLD DRIG #8 SHIPPED VIA TR DELIVERED TO ADERTON ORDER NO.
 3. WELL TYPE DL WELL CATEGORY Develop JOB PURPOSE Leads to new WELL PERMIT NO. 15-137-20602 WELL LOCATION 526 x 3 rd 21
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.		
575						#112	80	MI		6.00	480.00
578					Pump Service		1	EA		1500.00	1500.00
281					LIQUIDICE		2	EA		25.00	50.00
280					FIDUCHEM 21		500	EA		2.50	1250.00
290					DAIR		2	EA		35.00	70.00
402					CENTRALIZER		11	EA		70.00	770.00
403					BARRETT		1	EA		250.00	250.00
404					BET COLLAR	305311	1	EA		2400.00	2400.00
406					ATENDON PUMP BASES		1	EA		250.00	250.00
407					INSUR-FORM SHOE 'THRU' FILE		1	EA		350.00	350.00
411					RECIPO SCATTERERS		30	EA		75.00	2250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 04-17-12 TIME SIGNED 2:00 A.M. P.M.

SIGNED Richard Webb

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 8720.00
 SUB TOTAL 6015.00
 TAX 7.05%
 TOTAL 780.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Danker APPROVAL

Thank You



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 21347

CUSTOMER *BANDOR*

WELL *1-26, Essence Ranch*

DATE *04-17-12*

PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		
385		2				STD CMT	200	SY			13.50	2700.00
386		2				60-40PR 285SE	40	SY			11.00	440.00
276		2				FOOD	50	LB			2.00	100.00
277		2				GILSONITE	500	LB			7.50	375.00
283		2				SMT	1550	LB			1.90	310.00
285		2				CRA.1	100	LB			4.00	400.00
581		2				SERVICE CMT CMT	240	SY			2.00	480.00
583		2				DAWNIE	1214.6	TN			1.00	1214.60
SERVICE CHARGE												
MILEAGE CHARGE												
TOTAL WEIGHT												
LOADED MILES												
CUBIC FEET												
TON MILES												

CONTINUATION TOTAL **6019.60**

JOB LOG

SWIFT Services, Inc.

DATE 04-17-12 PAGE NO. 1

CUSTOMER DAVID WELL NO. 1-26 LEASE ESSLINGER RANCH Inc JOB TYPE LONGSTRING TICKET NO. 21347

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	02230							DUPLICATION CMT: 40545 6040puz 2 7/8 sec 12 1/2 1/2 GILSONITE 200545 STD, 1/4" PLUG, 18" BOP, 1/2" CFL
								RTD 3900, SCY PIPE 3899 SJ 22.18, INSET 3877 5/8 14 1/4, FULT COUNT OF 41, 2053 FT CMT 1 TRAIL, 40 BOP 41 RECIPROCATING 1-10 3EA TOTAL 30 JOINTS OUT 88, 89, 90, 91
	0130							START CULFLOWER
	0330							TAL SYSTEM - DRIP BAR
	0330							BREAK CIRC & RECIPROCATING PIPE
	0435		7					PLUG RH 30,
	0440	5.5	15		-		200	WCL FLUSH - 15 bbls
			12		-			FLOCCULANT 21 - 12 bbls
			5		-			WCL FLUSH - 5 bbls
			5		-			60-40puz = 20545
	0455		44		-			STD CMT - 200545 DRIP PLUG, WASHOUT PL
	0500	6.0	0		-		200	START DRIP
			85		-		700	
			90		-		800	
	0515	4.7	94.5		-		1400	LAND PLUG RELEASE DRY
	0600							JOB COMPLETE THANK YOU! DAVE JOSH B DOUG

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
4/25/2012	21351

BILL TO
Baird Oil Company LLC PO Box 428 Logan, KS 67646

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-26	Esslinger Ra...	Norton	Alliance Well Ser...	Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				90	Miles	6.00	540.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
290	D-Air				2	Gallon(s)	35.00	70.00T
105	5 1/2" Port Collar Tool Rental With Man				1	Each	350.00	350.00T
330	Swift Multi-Density Standard (MIDCON II)				225	Sacks	16.50	3,712.50T
276	Flocele				55	Lb(s)	2.00	110.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				1,010.93	Ton Miles	1.00	1,010.93
	Subtotal							7,493.43
	Sales Tax Norton County						7.05%	299.10
	<p>R 4/27/2012 P 4/27/2012 Esslinge 19040Z 7147.85 Esslinger Ranch Inc 1-26 - Pump Charge, cement & other misc expenses used to cement port collar</p> <p>Esslinge 19040Z 644.68 Esslinger Ranch Inc 1-26 - Rental of port collar & man when cementing port collar</p>							<p>4/27/2012 CK#12145</p>
We Appreciate Your Business!							Total	\$7,792.53



Services, Inc.

TICKET

No 21351

PAGE 1 OF 1

CHARGE TO: **Barro Oil Co**
 ADDRESS:
 CITY, STATE, ZIP CODE:

1. SERVICE LOCATIONS	WELL/PROJECT NO. 1-06	LEASE	CONTRACTOR	COUNTY/PARISH	STATE	CITY	DATE	OWNER
	HAYS		Essence Power Inc	Woburn	MS		04/25/12	
2. NESS	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	WELL TYPE	WELL CATEGORY	RIG NAME NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
		Oil	Develop	Alliance Well	CS	Woburn		
3.			JOB PURPOSE			WELL PERMIT NO.	WELL LOCATION	
			CMY: FOLY EXAM					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					MILEAGE	4112	90	MI			6.00	540.00
576-1					Pump Service		1	EA			1850.00	1850.00
290					DAIR		2	EA			35.00	70.00
125					FOR GUATE TAX		1	EA			350.00	350.00
330					SMO CMT		2	EA			16.50	371.25
276					FLOCBL		55	LB			2.00	110.00
581					SENOICHCMT		2	EA			2.00	4.00
583					DWARICE		100	EA			1.00	100.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X **Jim Howard**
 DATE SIGNED: **04/25/12** TIME SIGNED: **12:30**

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

SWIFT OPERATOR: **Daveby**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket

APPROVAL: **Thank You**

JOB LOG

SWIFT Services, Inc.

DATE 04-25-12 PAGE NO. 1

CUSTOMER
BALDWIN CO

WELL NO.
1-26

LEASE
ESSLINGER RANCH INC

JOB TYPE
CMT: PORT COLLAR

TICKET NO.
01351

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1030							ON LOCATION CMT: 225 SWS SMD 1/4" FLO 2 3/8" x 5 1/2" 14" PORT COLLAR @ 2053
	1130							START TBLT TOOL LOCATE PC
	1225				✓	1000	1000	PSI TEST OPEN P.C.
	1230	6.0	70*	✓		600		START MUD pump 70 bbls 100 BBLs, Get more MUD
	1400	2.0-6.0	140+	✓		400-1000		2nd TRAIL MUD 140 bbls, 3rd TRAIL MUD 190 bbls CIRC + HUIS
	1500	3.0-3.0	190-210	✓		600		MUD!
	1530	4.0	6.0	✓		600		START H ₂ O SPACER, GOOD CIRC.
		4.0	0	-		600		START SMD @ 11.2*/SM 200 SWS
		4.0	111.0	-		700		CIRC CMT MIX 25 SWS @ 1/4"
		4.0	118	-		700		END CMT 25 SWS TO PIT!
			D	-		S		Disp
	1610		7.0	-		S		END
								CLOSE PC
	1615				✓	1100	1100	PSI TEST - HOLD RUN IN 5 JOINTS
	1625	3.0	0	-		300		REV. JLT
			9.0	-		200		1ST FLAG
			14.0	-				2ND FLAG
	1645		35.0	-				ALL CLEAR
	1700							PULL TBLT TOOL JOB COMPLETE
								THANK YOU! DAVE, JOSH, JUNG
								MIXED 225 SWS CMT 25 SWS TO PIT!



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

Esslinger Ranch 1-26

26-3s-22w Norton,KS

Start Date: 2012.04.16 @ 04:07:00

End Date: 2012.04.16 @ 10:07:00

Job Ticket #: 46311 DST #: 1

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

Printed: 2012.04.19 @ 12:02:42



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

26-3s-22w Norton, KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

ATTN: Richard Bell

Job Ticket: 46311

DST#: 1

Test Start: 2012.04.16 @ 04:07:00

GENERAL INFORMATION:

Formation: **KC "D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:36:00
 Time Test Ended: 10:07:00
 Interval: **3628.00 ft (KB) To 3644.00 ft (KB) (TVD)**
 Total Depth: 3644.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 41
 Reference Elevations: 2354.00 ft (KB)
 2348.00 ft (CF)
 KB to GR/CF: 6.00 ft

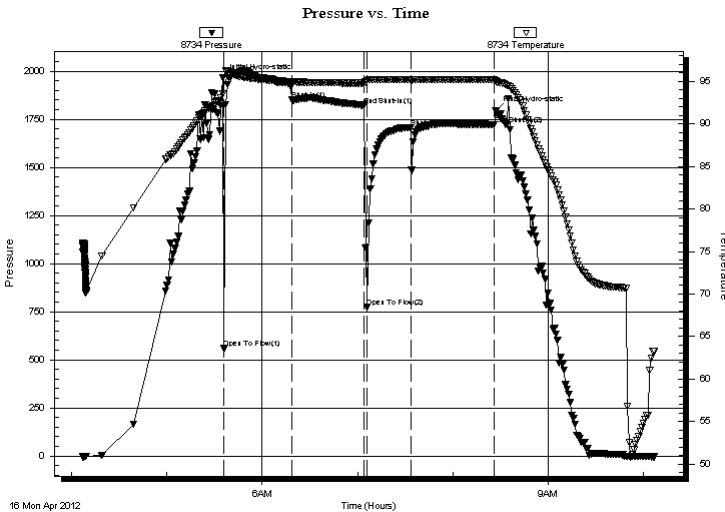
Serial #: 8734

Outside

Press @ Run Depth: 1706.55 psig @ 3629.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.16 End Date: 2012.04.16 Last Calib.: 2012.04.16
 Start Time: 04:07:01 End Time: 10:07:00 Time On Btm: 2012.04.16 @ 05:35:00
 Time Off Btm: 2012.04.16 @ 08:27:00

TEST COMMENT: 45 - IF- 2" blow instantly, dead at 33 Min.
 45 - IS- No blow back.
 30 - FF- No blow
 45 - FSI - No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.62	93.50	Initial Hydro-static
1	558.73	95.15	Open To Flow (1)
44	1850.09	94.96	Shut-In(1)
89	1822.44	94.80	End Shut-In(1)
91	771.73	95.10	Open To Flow (2)
119	1706.55	95.18	Shut-In(2)
171	1722.95	95.22	End Shut-In(2)
172	1792.76	95.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

26-3s-22w Norton, KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

Job Ticket: 46311

DST#: 1

ATTN: Richard Bell

Test Start: 2012.04.16 @ 04:07:00

Tool Information

Drill Pipe:	Length: 3492.00 ft	Diameter: 3.80 inches	Volume: 48.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 49.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3628.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	45.00 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			3600.00	
Shut In Tool	5.00			3605.00	
Hydraulic tool	5.00			3610.00	
Jars	5.00			3615.00	
Safety Joint	3.00			3618.00	
Packer	5.00			3623.00	29.00 Bottom Of Top Packer
Packer	5.00			3628.00	
Stubb	1.00			3629.00	
Recorder	0.00	6669	Inside	3629.00	
Recorder	0.00	8734	Outside	3629.00	
Perforations	12.00			3641.00	
Bullnose	3.00			3644.00	16.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

26-3s-22w Norton, KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

Job Ticket: 46311

DST#: 1

ATTN: Richard Bell

Test Start: 2012.04.16 @ 04:07:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Mud	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

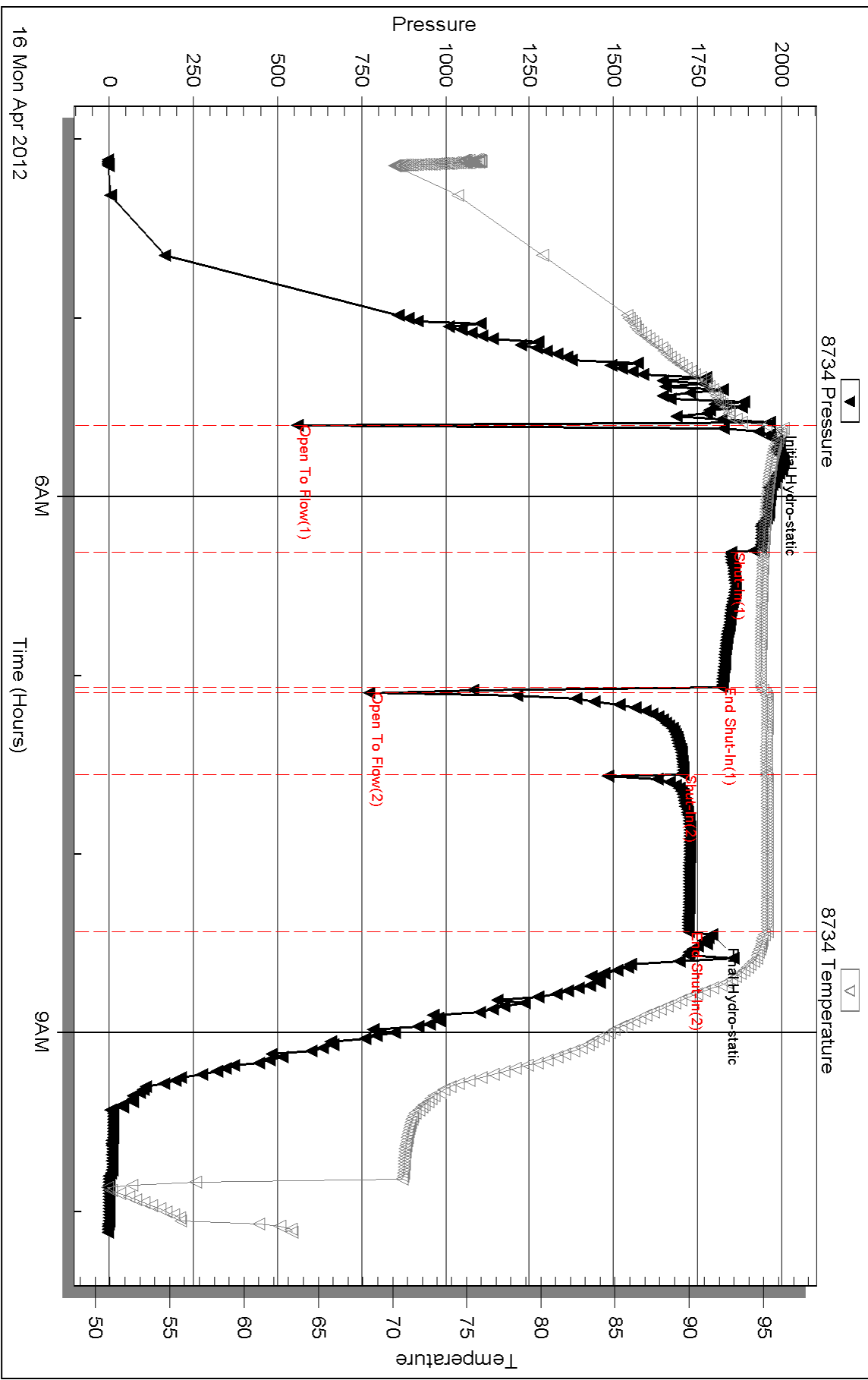
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



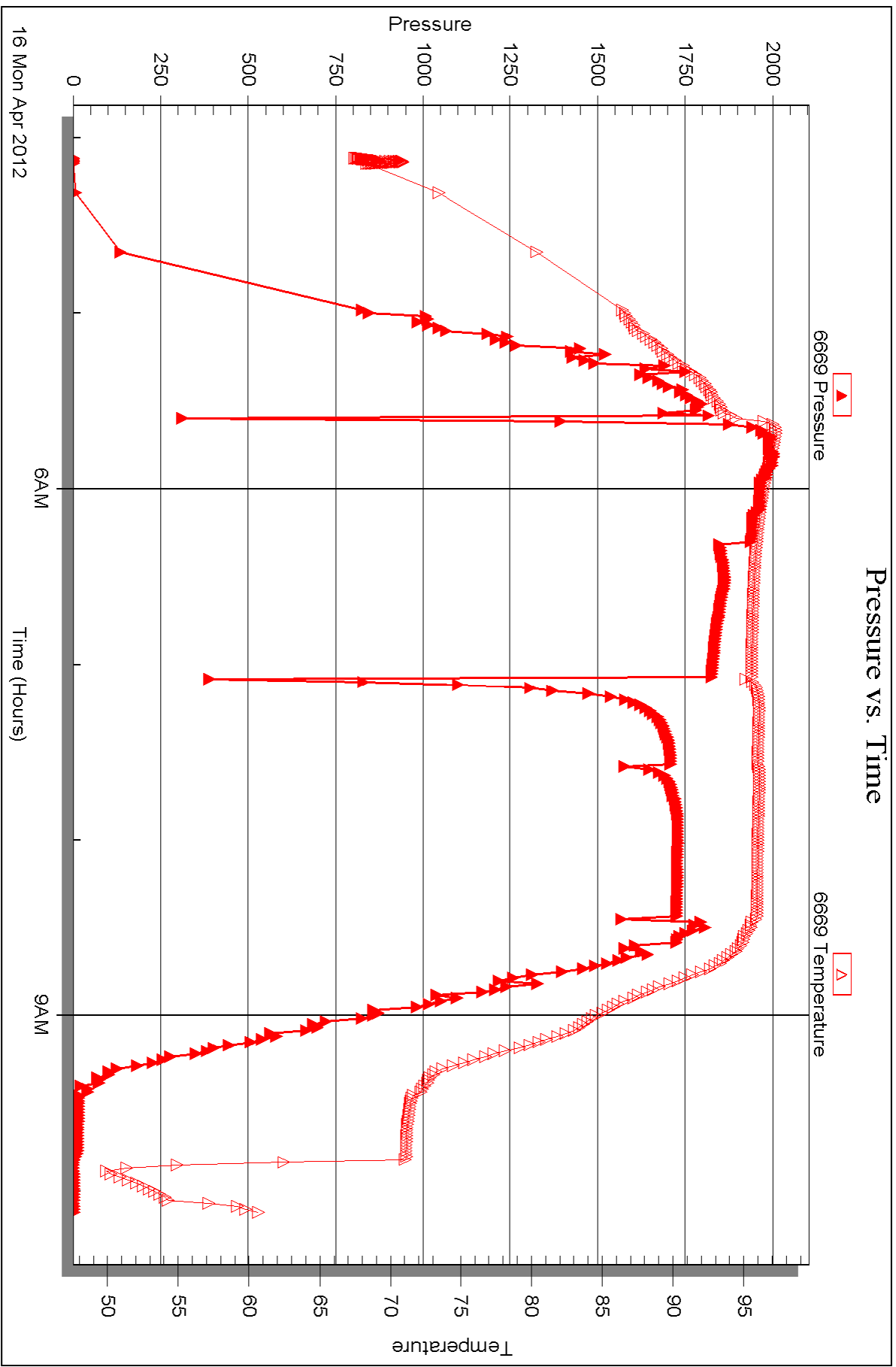
Serial #: 6669

Inside

Baird Oil Company, LLC

Esslinger Ranch 1-26

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

Esslinger Ranch 1-26

26-3s-22w Norton,KS

Start Date: 2012.04.17 @ 11:01:24

End Date: 2012.04.17 @ 17:21:09

Job Ticket #: 46120 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.19 @ 12:01:39



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

26-3s-22w Norton, KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

Job Ticket: 46120

DST#: 2

ATTN: Richard Bell

Test Start: 2012.04.17 @ 11:01:24

GENERAL INFORMATION:

Formation: **Marm.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:54

Time Test Ended: 17:21:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: 3844.00 ft (KB) To 3900.00 ft (KB) (TVD)

Reference Elevations: 2354.00 ft (KB)

Total Depth: 3900.00 ft (KB) (TVD)

2348.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 6.00 ft

Serial #: 8648 Inside

Press @ Run Depth: 83.86 psig @ 3845.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.17 End Date: 2012.04.17

Last Calib.: 2012.04.17

Start Time: 11:01:29 End Time: 17:21:08

Time On Btm: 2012.04.17 @ 12:20:09

Time Off Btm: 2012.04.17 @ 15:25:09

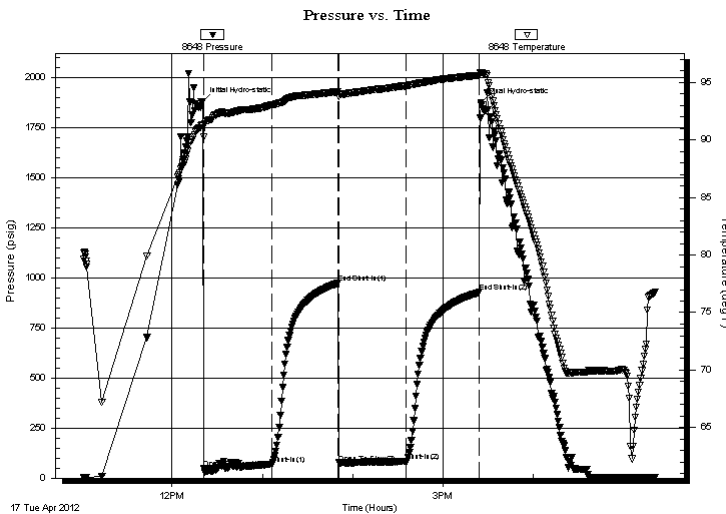
TEST COMMENT: IF- 1/2" Blow built to 4 1/4"

IS- No Return

FF- Surface Blow built to 5 1/2"

FS- No Return

PRESSURE SUMMARY



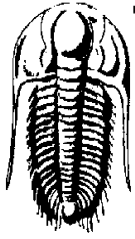
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1880.49	91.32	Initial Hydro-static
1	47.61	90.22	Open To Flow (1)
46	69.89	93.01	Shut-In(1)
90	974.60	94.18	End Shut-In(1)
91	76.41	93.77	Open To Flow (2)
135	83.86	94.69	Shut-In(2)
184	928.52	95.61	End Shut-In(2)
185	1875.62	95.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCWM 15o 85M Trace Water	0.30
60.00	OCWM 30o 70M Trace Water	0.30
50.00	Free Oil 100o	0.70

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company, LLC

26-3s-22w Norton, KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

Job Ticket: 46120

DST#: 2

ATTN: Richard Bell

Test Start: 2012.04.17 @ 11:01:24

GENERAL INFORMATION:

Formation: **Marm.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:54

Time Test Ended: 17:21:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: **3844.00 ft (KB) To 3900.00 ft (KB) (TVD)**

Total Depth: 3900.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2354.00 ft (KB)

2348.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6799 Inside

Press @ RunDepth: psig @ 3845.00 ft (KB)

Start Date: 2012.04.17 End Date: 2012.04.17

Start Time: 11:01:05 End Time: 17:22:29

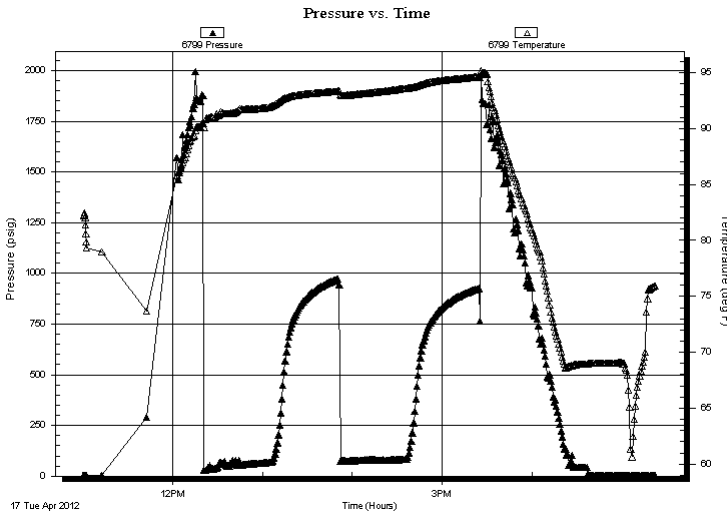
Capacity: 8000.00 psig

Last Calib.: 2012.04.17

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- 1/2" Blow built to 4 1/4"
IS- No Return
FF- Surface Blow built to 5 1/2"
FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCWM 15o 85M Trace Water	0.30
60.00	OCWM 30o 70M Trace Water	0.30
50.00	Free Oil 100o	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

26-3s-22w Norton, KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

Job Ticket: 46120

DST#: 2

ATTN: Richard Bell

Test Start: 2012.04.17 @ 11:01:24

Tool Information

Drill Pipe:	Length: 3714.00 ft	Diameter: 3.80 inches	Volume: 52.10 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 52.69 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3844.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	85.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3816.00	
Shut In Tool	5.00			3821.00	
Hydraulic tool	5.00			3826.00	
Jars	5.00			3831.00	
Safety Joint	3.00			3834.00	
Packer	5.00			3839.00	29.00 Bottom Of Top Packer
Packer	5.00			3844.00	
Stubb	1.00			3845.00	
Recorder	0.00	8648	Inside	3845.00	
Recorder	0.00	6799	Inside	3845.00	
Perforations	17.00			3862.00	
Change Over Sub	1.00			3863.00	
Drill Pipe	31.00			3894.00	
Change Over Sub	1.00			3895.00	
Bullnose	5.00			3900.00	56.00 Bottom Packers & Anchor

Total Tool Length: 85.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

26-3s-22w Norton,KS

PO Box 428
Logan KS 67646

Esslinger Ranch 1-26

Job Ticket: 46120

DST#: 2

ATTN: Richard Bell

Test Start: 2012.04.17 @ 11:01:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

19 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	OCWM 15o 85M Trace Water	0.295
60.00	OCWM 30o 70M Trace Water	0.295
50.00	Free Oil 100o	0.701

Total Length: 170.00 ft Total Volume: 1.291 bbl

Num Fluid Samples: 0

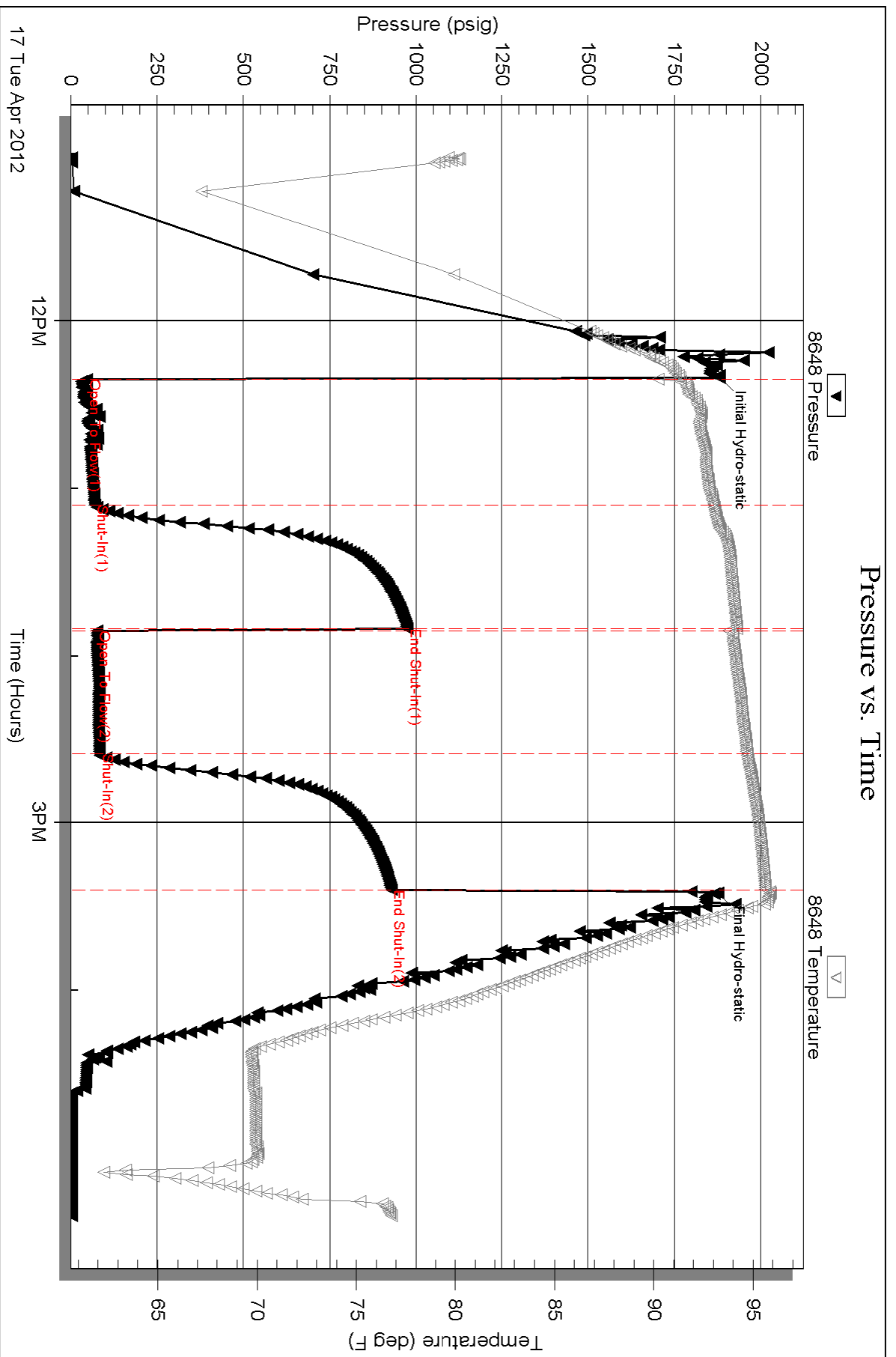
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 21 @ 80 deg = 19



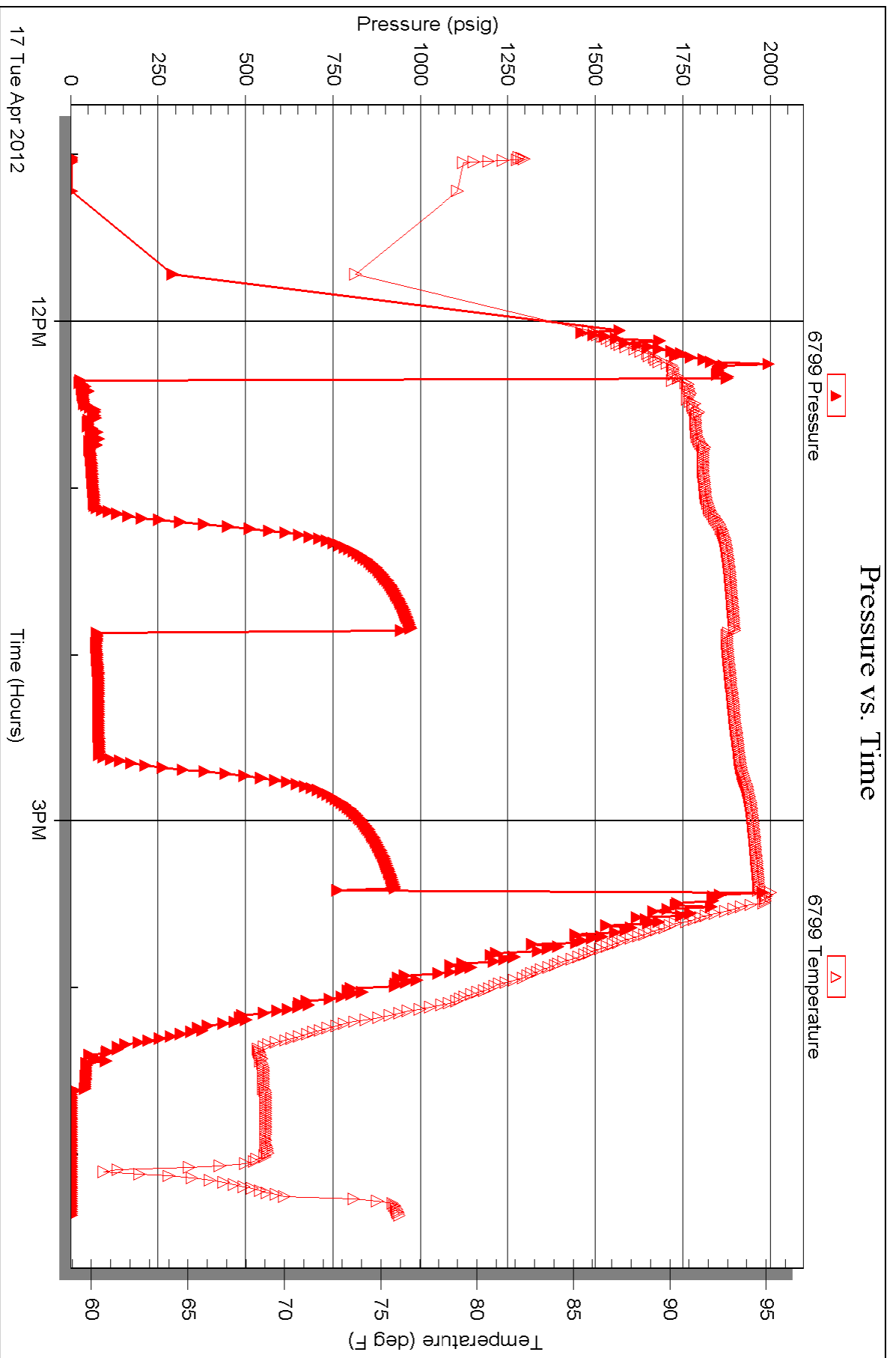
Serial #: 6799

Inside

Baird Oil Company, LLC

Esslinger Ranch 1-26

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 16 2012

Test Ticket

NO. 46311

Well Name & No. Esslinger Ranch, Inc #1-26 Test No. 1 Date 4-16-12
 Company Beard Oil Company, LLC Elevation 2354 KB 2348 GL
 Address Po Box 428, Logan KS, 67646
 Co. Rep / Geo. Richard Bell Rig WW8
 Location: Sec. 26 Twp. 35 Rge. 22W Co. Norton State KS

Interval Tested 3628-3644 Zone Tested "D"
 Anchor Length 16' Drill Pipe Run 3492 Mud Wt. 9.1
 Top Packer Depth 3623 Drill Collars Run 124' Vis 46
 Bottom Packer Depth 3628 Wt. Pipe Run — WL 8.0
 Total Depth 3644 Chlorides 2,000 ppm System LCM —

Blow Description IF- 2" blow instantly, dead in 23 Min.
ISI- No blow back
FF- No blow back
FSL- No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</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 62' BHT _____ Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1963</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>3:22am</u>
(B) First Initial Flow <u>558</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>4:07am</u>
(C) First Final Flow <u>1850</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>8:37am</u>
(D) Initial Shut-In <u>1822</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>8:22am</u>
(E) Second Initial Flow <u>771</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:07am</u>
(F) Second Final Flow <u>1706</u>	<input checked="" type="checkbox"/> Mileage <u>98RT 151.90</u>	Comments _____
(G) Final Shut-In <u>1722</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1792</u>	<input type="checkbox"/> Straddle	

Initial Open 45 Ruined Shale Packer
 Initial Shut-In 45 Ruined Packer
 Final Flow 30 Extra Copies
 Final Shut-In 45 Extra Recorder
 Sub Total 0
 Total 11626.90
 MP/DST Disc't _____
 Sub Total 11626.90

Approved By _____ Our Representative Cody Ble

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.



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RECEIVED
APR 19 2012

Test Ticket

NO. 46120

Well Name & No. Eglinger Ranch, Inc. #1-28 Test No. 2 Date 4-17-12
 Company Basco Oil Company, LLC Elevation 2354 KB 2349 GL
 Address 113 W. Main Logan, KS 67646
 Co. Rep / Geo. Rich Bell Rig WWT#8
 Location: Sec. 26 Twp. 3s Rge. 22w Co. Norton State KS

Interval Tested 3844-3900 Zone Tested Marmaton
 Anchor Length 56' Drill Pipe Run 3714 Mud Wt. 9.1
 Top Packer Depth 3840 Drill Collars Run 120' Vis 80
 Bottom Packer Depth 3844 Wt. Pipe Run Ø WL 7.2
 Total Depth 3900 Chlorides 1,900 ppm System LCM 8#
 Blow Description IF-1/2" Blow built to 4 1/4
IS- No Return
FF-Surface Blow built to 5 1/2
FS-1/6 Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>Feet of Free Oil</u>	<u>100</u>			
<u>60</u>	<u>Feet of OCWM</u>	<u>30</u>	<u>trace</u>	<u>70</u>	
<u>60</u>	<u>Feet of OCWM</u>	<u>15</u>	<u>trace</u>	<u>85</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 170 BHT 96 Gravity 19 API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1880 Test 1150 T-On Location 10:00 AM
 (B) First Initial Flow 47 Jars 250 T-Started 11:01 AM
 (C) First Final Flow 69 Safety Joint 75 T-Open 12:21 PM
 (D) Initial Shut-In 974 Circ Sub NIC T-Pulled 3:21 PM
 (E) Second Initial Flow 76 Hourly Standby T-Out 5:22 PM
 (F) Second Final Flow 83 Mileage 98 RT 151.90 Comments _____
 (G) Final Shut-In 928 Sampler _____
 (H) Final Hydrostatic 1875 Straddle _____

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 45 Extra Packer
 Initial Shut-In 45 Extra Recorder
 Final Flow 45 Day Standby
 Final Shut-In 45 Accessibility
 Sub Total 11626.90 MP/DST Disc't _____

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.