



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1140680
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
-----------------------------------	-----------------	---

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: _____



1140680

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Cobalt Energy LLC
Well Name	BROOKS 1-18
Doc ID	1140680

Tops

Name	Top	Datum
Anhydrite	2262	407
Base Anhydrite	2302	367
Heebner	3909	-1240
Lansing	3949	-1280
Stark	4144	-1475
BKC	4190	-1521
Ft Scott	4409	-1740
Cherokee	4435	-1766
Mississippian	4505	-1836

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



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

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

Sam Brownback, Governor

May 21, 2013

Nicholas D. Hess
Cobalt Energy LLC
115 S. BELMONT #12
PO BOX 8037
WICHITA, KS 67208

Re: ACO1
API 15-063-22099-00-00
BROOKS 1-18
NW/4 Sec.18-11S-26W
Gove 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,
Nicholas D. Hess

**GRAND
MESA****OPERATING COMPANY**

(316) 265-3000
FAX: (316) 265-3455

1700 N. WATERFRONT PARKWAY
BLDG. 600
WICHITA, KANSAS 67208-5514

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

Well Name: Brooks #1-18
Location: 2219' FNL, 1761' FWL, Section 18-11S-26W Gove County, KS
License Number: API: 15-063-22099 Region: Wildcat
Spud Date: 10-9-12 Drilling Completed: 3/27/13
Surface Coordinates: Lat: 39.0976539
Long: -100.2524658
Bottom Hole Coordinates: Vertical hole
Ground Elevation (ft): 2664' K.B. Elevation (ft): 2669'
Logged Interval (ft): 3600' To: RTD Total Depth (ft): 4568'
Formation: Mississippian at RTD
Type of Drilling Fluid: Chemical

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

GEOLOGIST

Name: Bob Schrieber
Company: Independent
Address: 268 NE 220 Rd
Hoisington, KS 67544

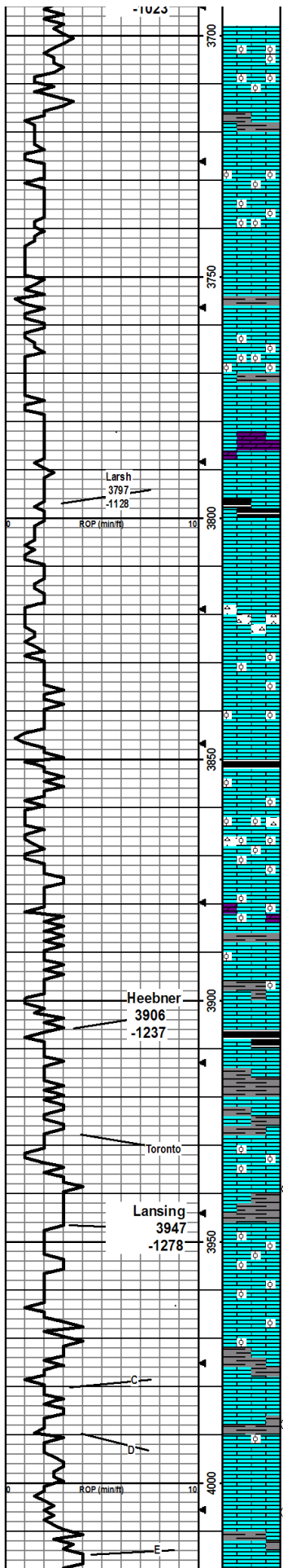
COMMENTS

Contractor: Murfin Drilling Company Rig #24
Pusher: Tony Martin
Surface Casing: 8 5/8" set at 269' w/190sx
Production Casing: 5 1/2"
Mud by: MudCo
DST's by: Diamond Testing
Logs by: Weatherford (DIL, CN-CD, ML)
RTD=4568'
LTD=4572'
Cobalt Energy took over well at TD and ran pipe.

FORMATION TOPS

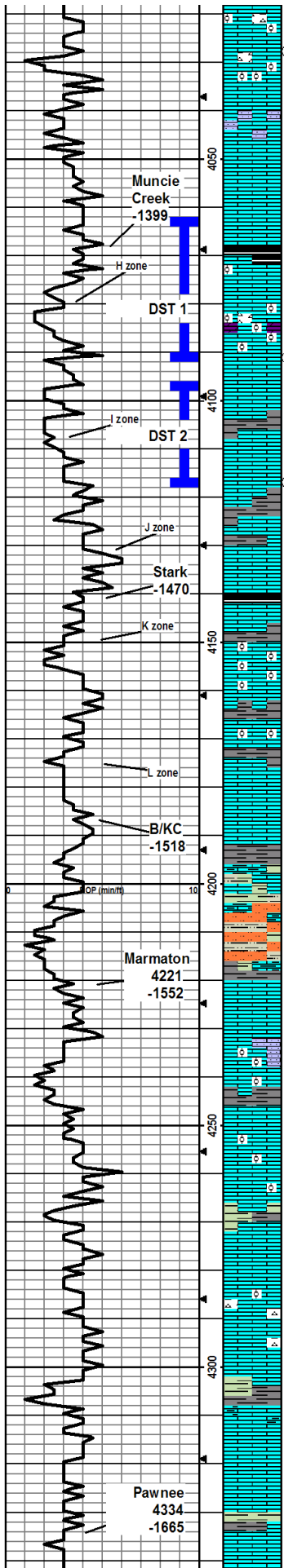
FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Stone Corral	2248'	+421	2262'	+407
B/Stone Corral	2300'	+369	2302'	+367
Topeka	3692'	-1023	3664	-1012
Heebner Shale	3906'	-1237	3908'	-1239
Lansing	3947'	-1278	3949'	-1280
Muncie Creek Shale	4068'	-1399	4070'	-1401
Stark Shale	4139'	-1470	4144'	-1475
BKC	4187'	-1518	4190'	-1521
Marmaton	4221'	-1552	4225'	-1556
Pawnee	4334'	-1665	4338'	-1669
Little Osage Shale	4401'	-1732	4402'	-1733
Excello Shale	4433'	-1764	4435'	-1766
Mississippian	4504'	-1835	4506'	-1837
TD	4568'	-1899	4572	-1903

Curve Track 1 ROP (min/ft)	Depth	Lithology	CFS Point	Oil Shows	Geological Descriptions	Remarks
	3500 3550 3600 3650 4000				<p>ROP Data begins @ 3500ft</p> <p>3/17/13: Moved equipment to location 3/18/13: MIRU Rig #24, spud 5:00 pm, set 8 5/8" @269', cm nt w/190 sxs</p> <p>3/19/13: Drig @ 269' 3/20/13: Drig @ 2220' 3/21/13: Drig @ 3035' 3/22/13: Drig @ 3600' 3/23/13: Drig @ 4060' 3/24/13: DST 1) @ 4063-4091" 'H' & DST 2) 4096-4117', 'I' 3/25/13: Drig @ 4180' 3/26/13: DST 3) @ 4090-4132', Fort Scott 3/27/13: Drig @ 4568', RTD, Logging, Farmed out well to Cobalt Energy LLC</p>	<p>MUD @ 3642'</p> <p>WT: 8.8 VIS: 63 WL: 6.8 PH: 11.0 Chl: 900 Lcm: 3</p>



3700	LS- crm -tnt tn, mott sli gy ip, md hd, fn xln, mod ool ip, sli foss, grd sfr, sli -tr mod chiky ip, deers ool NS w/sme sh-gy, mod ind, sli blk, dull ip
	LS- crm -tn, md hd- hd, vfn-fn xln, sli grny ip, ool ip, grd sli gy, sli arg, NS
	LS- br- lt gy, hd- tr sfr, vfn -fn xln, sli ool ip, v/sli arg ip
	LS- off wh, md hd, fn xln, ool, grd sfr, mod chiky, NS, w/sme sh-gy, mod ind
	LS- off wh, sft chiky, NS w/sme sh-gy, mod ind, sli wxy ip
3750	SH- dkr gy- sli blk, sli ind, sli fss, sli carb ip
	LS- off wh, sft-md hd ip, fn xln, grny ip, mod ool ip, mod v/chiky ip, NS
	LS- lt br, hd, vfn xln, sli foss, NS
	Dol- lt br, md hd- hd ip, fn xln, sli sucro ip, sli calc, NS
	LS- v/lt gy- crm, hd-md hd, vfn xln, tr li foss, frct, w/secxn, NS
3800	SH- blk, sli ind, fss, carb
	SH- gy- lt gr, mod ind, grd sli calc ip
	LS- lt br- crm, md hd- hd -tr sfr, vfn xln, sli foss tr ool, NS
	Chrt- m lky wh- mott tn, foss, frsh, NS
	LS- lr- tnt gy- crm ip, md hd- hd ip, vfn -fn xln, sli grny, tr foss, NS, w/ sme off wh, sfr, chiky, LS, NS
	LS- crm - off wh ip, md hd- tr sfr, fn xln, ool ip, chiky ip, grny ip, tr sli foss, tr gs bbl, NSO
3850	SH- dk gy- blk, sli ind, sli carb
	LS- lt br- crm ip, hd -md hd, vfn xln, foss, tr ool, NS w/sme ls- lt gy, md hd, fn xln, sli grny, tr blk stn, ? v/nt odr, NSO
	LS- lt br- crm, md hd- sfr ip, fn xln, secxn, secxn mtrx ip, mod ool, sli foss, w/sme off wh, sfr, mod chiky ip, tr oocst por, NS w/ chrt- off wh, sli foss, NS
	LS- crm - tnt gy, md hd- tr hd, vfn-fn xln, ool ip, v/sli chiky, tr grd mod chiky, grd md hd, fn xln, dol, LS, NS
3900	LS- crm - tnt gy ip- lt tn, md hd- hd ip- sfr ip, vfn- fn xln, sli grny ip, sli ool, tr foss, v/sli- sli chiky ip, tr imbd pyr, NS
	SH- blk, sli- mod ind, sli fss ip, carb
	LS- crm - tnt gy ip, vfn xln, sli foss, secxn ip, NS
3950	LS- crm - off wh, md hd- sfr ip, fn- tr med xln, sli secxn, ool ip, sli foss, sli chiky, tr mod chiky ip, tr pp vug por, NS
	SH- gy- tnt gr- tr pale rst, sli- mod ind
	LS- crm, md hd- tr hd- sfr ip, vfn- fn xln, mod ool, sli foss ip, sme fr introol- sli vug por, NS
	LS- crm, md hd- hd ip, vfn-fn xln, sli secxn ip, ool ip, tr grd sfr, off wh, chiky, NS
	LS- crm - off wh ip, md hd, vfn- fn xln, ool ip, sli chiky, NS
	SH- gy- tnt gr, mod ind, sli blk
	LS- crm - tnt br, md hd, vfn- fn xln, foss ip, tr vug- intrprtcl por, fw pcs blk pastey res oil, no odr, NSFO
4000	LS- crm - tnt br, md hd- hd ip, vfn-fn xln, tr ool, md secxn ip, sli foss ip, tr vug por, NS
	LS- off wh- crm, md hd- sfr ip, fn xln, chiky NS
	LS- crm - tnt br, md hd- hd, vfn xln, fn- md xln, fn- md secxn, sli foss, NS, w/ sme ls- lt br, hd, vfn xln, secxn, sli foss, NS

MUD @ 4091'
 WT: 9.1
 V/C: 62



LS- crm - off wh, md hd- sfr ip, fn lxn, ool ip, sli frct ip, grd sli-tr mod chiky, tr res stn frct, sli flky, NSO, w/ tr /chrt- lt br- opq, frsh, tr flky res stn, NSO

LS- crm - off wh, md hd- sfr ip, vfn xln, sli-tr mod ool, tr oocst por NS, w/sme ls- off wh, sfr, mod chiky, NS

LS- crm - off wh, md hd, fn xln, visli chiky ip, vfn grn sndy ip, NS

LS- crm - tr off wh, md hd- hd, vfn xln, tr secxn, tr foss, NS

SH- blk, sfr, sli carb, sli fiss

LS- lt br- br- crm ip, hd, vfn xln, sli foss, tr ool, tr secxn, grd sli sfr, subchiky, NS

SH- gy- dkr gy ip- tnt gr, sli- mod ind, sli blk, sli dull

LS- crm- tnt br ip, md hd- hd ip- tr sfr, tr frct, fn xln, grny - sli rgh- wthrd ip, sli- mod dol ip, sme fn ool ip, tr foss, sme pr- fr- tr gd vug- sli intrprct por, tr - sme fr vug/edg stn- sat, fw pcs sat (prt dol, wthrd vug por), sli frsfo, md- dk br oil lvr grv, 1pc ltr oil, fr shw sli dd- dd oil, no flow, vfmt odr

LS- crm - off wh, md hd- hd ip, tr sfr, fn- md ip xln, tr frct, sme stn, tr prt sat- sat, fw pcs wk flo, edg ip, tr wk cut- tr mg cut, ,, sli odr at box w/no cup odr, vsli- sli sto, md- dkr br oil, lvr grv ip,

LS- crm - lt gy, md hd- hd, fn- vfn xln, sli grny, tr res stn, NSO

SH- gy- rsty/br/mrn, sli- mod ind,

LS- lt br- crm,, md hd - hd, vfn- fn xln, tr sli foss, frct ip, tr spty pr vug por, tr res spty stn, NSFO

LS- crm - off wh, md hd- hd- sfr ip, vfn- fn xln, mod ool ip, tr foss, tr sli- mod chiky, NS

SH- gy- dkr gy, mod ind, tr blk sh

LS- lt br- tnt gy, hd, vfn xln, ool ip, frct, tr secxn, NS w/tr ool, crm chrt, NS, w/sme lt gy sh

LS- crm - tnt br & gy ip, hd- md hd ip, vfn- fn xln, sli frct w/ rsty arg/frct, NS w/ intrbd sh

SH- lt gy- gy, mod ind, sli stly ip, tr foss, grd lmy ip, tr rsty sh

SLST- rsty- pale ip- tr crm, mod ind grd mod arg, w/intrbd rsty sh, w/dk gy- blk, splntry

SLST- rsty- lt gr& crm ip, mod ind, sli calc, w/lt gr, sli wxy sh

LS- crm- tnt gy, md hd- tr hd, vfn- fn xln, sli wthrd ip, tr sli foss, frct, grd off wh, sfr, chiky, NS

LS- crm- tr tnt gy - tr tnt yel & rd, md hd, vfn xln, tr foss, sli chiky ip, tr frct, tr stly, NS

LS- crm - off wh ip, hs- md hd, fn - vfn xln, mod ool ip, sli foss, sli mod fn grm sndy, tr frct, grd sfr, chiky, decrs snd, sli ool, NS

LS- lt br- tn, hd- tr sfr, vfn xln, ool ip, tr frct, NS w/sme lmy rsty, sli foss, stly sh

SH- pale gy & mrm- tnt rsty, sli ind, stly ip, cly ip

LS- crm, hd, vfn xln, secxn ip, frct ip, NS, w/sme sh- dk rsty/br, mod hd, sli frct

LS- crm - tnt br- lt gy ip, md hd- hd, fn xln, sli foss ip, tr ool, tr stly ip, w/tr pale org chrt, NS w/ sme sh- gy, mod ind, stly ip, tr lmy

LS- lt gy- tr gy, md hd, fn xln, sli arg, grd lmy ip, stly, sh, w/tr org - crm, sli foss, chrt, NS

SH- ltr gy - pale rst- rsty, sli- mod ind, sme clay, sli blk, tr sndy

LS- crm, md hd- hd, vfn xln, frct, sli arg/frct, foss, tr ool, ?tr spty res stn, NSO

LS- crm - tnt gy, md hd- hd, fn xln, sli arg ip, sli frct, sli erthy ip, NS

LS- lt br- crm, md hd- hd, vfn xln, visli chiky ip, tr frct, sli wthrd ip, NS

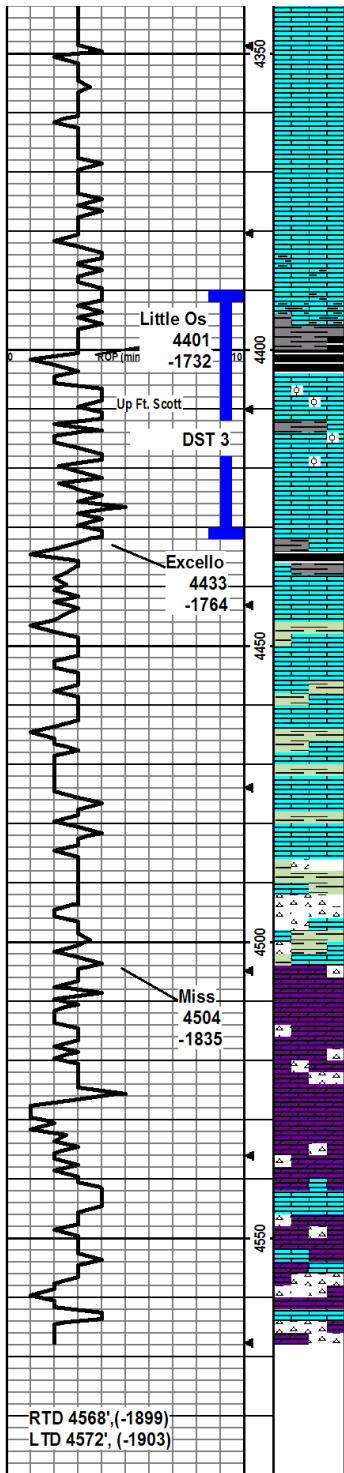
WT: 6.2
 PH: 11.0
 Chl: 900

DST 1) 'H'
 4063-4091'
 30-45-60-90
 1st)SB bld 4"
 2nd)SB bld 5"
 no BB's
 Rec: 10' MCO
 110' SOCM
 IFF: 12-37#
 FFP: 41-68#
 SIP: 1278-1285#
 HP:1942-1937#

MUD @ 4091'
 WT: 6.2
 VIS: 60
 WL: 6.8
 PH: 11.0
 Chl:1100
 Lcm:2#

DST 2) 'I'
 4096-4117'
 30-30-30-30
 1st)SB bld 1"
 2nd) no blow
 Rec: 2' Mud
 IFF: 8-10#
 FFP: 10-10#
 SIP: 32-22#
 HP: 1971-1976#

MUD @ 4242'
 WT: 9.4
 VIS: 41
 WL: 8.0
 PH: 10.0
 Chl:1200
 Lcm: 2#



LS- crm - lt br ip, md hd-hd, fn xln, sli wthrd ip, NS

LS- crm - tnt br & gy, hd, fn xln, sli wthrd, tr frct, sli stly ip, NS

LS- lt gy- tnt br, hd, fn xln, wthrd ip, stly ip, NS

LS- lt br, hd, fn xln, wthrd ip, stly ip, tr pyr clstrs, NS w/sme sh- lt gy-rsty, mod ind, blk

LS- gy, md hd, vfn xln, arg, grd lmy ip, gy - rsty /br sh, blk,

SH- dkr gy, md hd, blk, sli calc, grd blk, sli ind, sli carb

SH- blk, sli ind, carb, ali fiss ip

LS- crm - off wh, hd, vfn xln, ool ip, NS

LS- crm - off wh, hd -md hd, vfn- fn ip xln, ool ip, tr fn vug por, tr stn- prt sat, fw pcs fr- gd flo, fr cut, vss- sso, lt br oil, fnt odr

SH- blk- dk gy, mod - sli ind, dli blk

LS- lt br, md hd -hd , vfn xln, frct ip, rgh, wthrd ip, sli rewrk, NS

SH- lt gr- gy, sli ind, sli wxy ip

LS- crm - off wh, md hd- hd, vfn- fn xln, tr frct, grd chiky ip, NS

SH- lt gr/gy, sli- mod ind, sli foss ip, sli wxy ip, rsty/br, dull, blk

LS- crm - tn, md hd- hd, vfn xln, tr foss, NS

LS- crm - tn, w/veins rsty /mrm, hd, vfn xln, sli frct, NS, w/ 1 pc ss- fn grn clean, tr gs bbl nso

CHRT- crm- tn- tnt org, frsh, tr foss, NS, w/sh- gr- gy- yel/ gld- rsty, mod- sli ind, blk, dull- wxy ip, w/tr fn grn clean ss NS

LS- tn- crm- mott, md hd, wthrd ip, NS

DOL- crm - off wh, md hd, fn xln, sli stly ip, calc ip, sli wthrd, NS

DOL- crm - off wh, md hd, fn xln, sli sucro, tr spicules, w/sme off wh chrt, sli wthrd, sme sli arg calc dol, NS

DOL- crm - tnt tn, md hd- tr hd, fn xln, sli sucro, str spty glauc, w/tr chrt, NS w/tr LS- lt br, md hd, sli litho, md xln, sli foss, NS

SH- gy- pale olv gr- sli mott ip, sli- mod ind, sli wxy, tr foss w/sme chrt- opq- mky- cloudy, frsh, shrp, sli foss, NS

CHRT- opq- mky sh- cldy/ tnt bl, foss ip, frsh, shrp

LS- tn, hd dns, microxln, w/ qtz incls, seccxn, NS

MUD @ 4432'

WT: 9.3
VIS: 63
WL: 7.6
PH: 10.5
Chl: 1200
Lcm: 2#

**DST 3) Up FS
4390-4432'
30-45-60-90
1st) sb BOB 18"
SB BB on SI
2nd) sb BOB 13"
Rec: 435' GIP
90' FO, 38Grv
140' GHOCM
IFP: 13-62#
FFP: 60-92#
SIP: 1324-1309#
HP: 2110-2114#**

MUD @ 4568'

WT: 9.2
VIS: 55
WL: 7.6
PH: 10.5
Chl: 1300
Lcm: 2#

RTD 4568', (-1899)
LTD 4572', (-1903)



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

257681

TICKET NUMBER 39468
LOCATION Oakley KS
FOREMAN Miles Shaw
Walt Dirikel

FIELD TICKET & TREATMENT REPORT

CEMENT

US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-28-13	2180	Brooks # 1-18	18	11S	26W	Goos
CUSTOMER Colbalt Energy			Quinter 2N 1/2W Southwest			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			405	Jerry Y		
STATE			460	Tim W		
ZIP CODE						

JOB TYPE Port collar HOLE SIZE 7 7/8" HOLE DEPTH 4568' CASING SIZE & WEIGHT 4 1/2" 10.5#
 CASING DEPTH 4530 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.2 SLURRY VOL 14 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 72 1/2 bbls DISPLACEMENT PSI 800 MIX PSI 1500 RATE _____

REMARKS: Safety meeting and rig up on Martin Drilling #24 Run float equipment
Centralizers on 114, 2, 4, 6, 8, 113, 11, 13, 53 baskets on Bottom 54 Port collar
tool @ 2235' on top of 54. Run casing to bottom circulate casing for 1 hr Pump
Spuds water mud flush 5 bbls water 20 bbls UCL water mix 200 Sbs OWC down casing
Shut down Clear pump & line release plug displaced 72 1/2 bbls water with
800 psi till plug landed @ 1500 psi

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020. ⁰⁰	3020. ⁰⁰
5406	35	MILEAGE	5. ⁰⁰	175. ⁰⁰
5407A	13 Tons	Ton m. hose delivery	1.67	759.85
1126	250 Sbs	OWC cement	22.55	5637.50
1110A	1250 #	Mud Seal	.56	700. ⁰⁰
1144G	300 gal	Mud Flush	1. ⁰⁰	500. ⁰⁰
4103	1	4 1/2" Basket W	261. ⁰⁰	261. ⁰⁰
4129	9	4 1/2" Centralizer	46. ⁰⁰	414. ⁰⁰
4101	1	4 1/2" Float shoe APCU	342. ⁰⁰	342. ⁰⁰
4204	1	4 1/2" Port collar tool	1890. ⁰⁰	1890. ⁰⁰
4453	1	4 1/2" latch down Plug	276. ⁰⁰	276. ⁰⁰
114A	2 gal	UCL	39.10	78.20
		Subtotal		14053.55
		Less 10% discount		1405.36
		Subtotal		12648.19
		SALES TAX		731.67
		ESTIMATED TOTAL		13379.86

Completed

Ravin 3737

AUTHORIZATION Bret Hildebrand

TITLE _____

DATE _____

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.



CHARGE TO: Colbelt
ADDRESS
CITY, STATE, ZIP CODE

TICKET N° 24311
PAGE 1 OF 1

SERVICE LOCATIONS
1. *Hays, KS*
2. *Ness City, KS*
3.
4.

WELL PROJECT NO. *1-18*
CONTRACTOR *Brooks*
TICKET TYPE
 SERVICE
 SALES
WELL TYPE *Dil*
WELL CATEGORY *water*
WELL PERMIT NO.
JOB PURPOSE *Cement Port Collet*
RIG NAME/NO. *Gove*
STATE *KS*
CITY
COUNTY/PARISH
DATE *4-11-13*
ORDER NO.
DELIVERED TO *N/Rainster, KS*
WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
<i>575</i>		<i>1</i>			<i>MILEAGE</i>	<i>#113</i>			<i>6.00</i>	<i>300.00</i>
<i>576 D</i>		<i>1</i>			<i>Equip Charge - Cent Port Collet</i>	<i>1 ea</i>	<i>2333 ft</i>		<i>1250.00</i>	<i>1250.00</i>
<i>290</i>		<i>1</i>			<i>D-Air</i>	<i>2 gal</i>			<i>35.00</i>	<i>70.00</i>
<i>289</i>		<i>1</i>			<i>20/40 Sand</i>	<i>2 cu</i>			<i>27.00</i>	<i>54.00</i>
<i>330</i>		<i>2</i>			<i>5wd - Cement</i>	<i>200 SKS</i>			<i>16.50</i>	<i>330.00</i>
<i>276</i>		<i>2</i>				<i>50 lbs</i>			<i>2.00</i>	<i>100.00</i>
<i>581</i>		<i>2</i>			<i>Service Charge - Cement</i>	<i>350 SKS</i>	<i>34529 lbs</i>		<i>2.00</i>	<i>700.00</i>
<i>583</i>		<i>2</i>			<i>Drayage</i>	<i>870.73 Tm</i>	<i>34829 lbs</i>		<i>1.20</i>	<i>870.73</i>

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

Bob Hildred
DATE SIGNED *4-11-13* TIME SIGNED *5:30* A.M. P.M.

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

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

PAGE TOTAL *663473*

Gove TAX *8.05%* *282.88*

TOTAL *6917.61*

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

APPROVAL
Bob Hildred

SWIFT OPERATOR

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-11-13 PAGE NO. 1

CUSTOMER Colbolt Energy WELL NO. 1-18 LEASE Brooks JOB TYPE Cement Port Collar TICKET NO. 24311

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0815							In location - 350 sks SMD
	0900		10 1/2			1000	1000	RBP @ 3200' - Test Plug & P.C. closed - OK Spot 2 sks Sand @ 3122' = 12 - (10 3/8 BBL)
		3	3			C	500	Open P.C. - inj rate - H ₂ O (fresh) Hook to tbg -
		3	5				500	@ 5 BBL H ₂ O - Have returns start SMD cont @ 11.2 #/gal
			95					cont CIR @ 175 sks - increase cont
			102					to 13.5 #/gal - 25 sks = 7 1/2 BBL
			7 1/2			C	1000	Fin cont - Displ 7 1/2 BBL H ₂ O - close P.C. RS run 5 Sts
	2 1/2		25					Re-out 2 legs clean RS run tbg to wash sand off Wash up PT.
	2 1/2		65				500	circulate sand off Plug
	1230							Job Complete Pickup Job
	1300							
								<i>[Signature]</i> Don, Tom & Flint
								30 sks SMD @ 11.2 #/gal circulate to Pet



Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name Grand Mesa Operating Co.
Well Operator Grand Mesa Operating Co.
Contact Steve Stribling
Site Contact Bob Schreiber
Field
Well Type Vertical
Prepared By Jake Fahrenbruch

Well Name Brooks #1-18
Unique Well ID DST #1 Lansing "H" 4063'-4091'
Surface Location Sec 18-11s-26w-Gove Co.-KS
Test Unit #5
Pool
Job Number F110
Qualified By Bob Schreiber

Test Information

Test Type Conventional Bottom Hole
Formation Lansing "H" 4063'-4091'
Start Test Date 2013/03/23
Final Test Date 2013/03/24

Test Purpose Initial Test
Gauge Name 0062
Start Test Time 14:05:00
Final Test Time 07:42:00

Test Results

Recovered: 10' MCO 85% oil, 15% mud
110' SOCM 3% oil, 97% mud
----- Total Recovered Fluid: 120'
----- Tool Sample: OCM, 20% oil, 80% mud
----- Bottom Hole Temp: 111 Deg F

Pressures: IHP: 1942
IFP: 12-37
ISIP: 1278
FFP: 41-68
FSIP: 1285
FHP: 1937



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

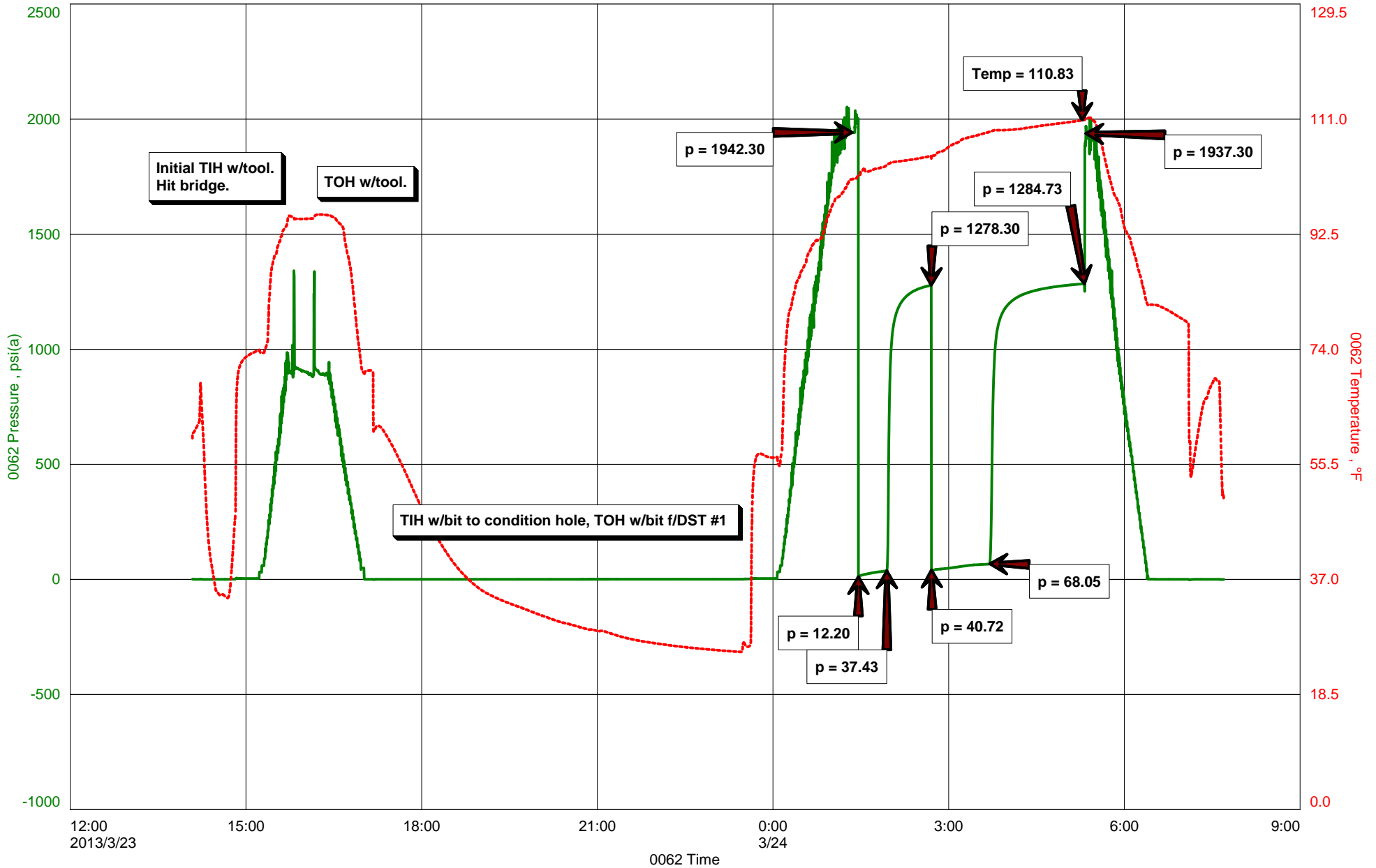
Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

Brooks #1-18





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name Grand Mesa Operating Co
Well Operator Grand Mesa Operating Co
Contact Steve Stribling
Site Contact Bob Schreiber
Field
Well Type Vertical
Prepared By Jake Fahrenbruch

Well Name Brooks #1-18
Unique Well ID DST #2 Lansing "I" 4096'-4117'
Surface Location Sec 18-11s-26w-Gove Co.-KS
Test Unit #5
Pool
Job Number F111
Qualified By Bob Schreiber

Test Information

Test Type Conventional Bottom Hole
Formation Lansing "I" 4096'-4117'
Start Test Date 2013/03/24
Final Test Date 2013/03/24

Test Purpose Initial Test
Gauge Name 0062
Start Test Time 15:18:00
Final Test Time 22:21:00

Test Results

Recovered: 2' Drlg Mud
Bottom Hole Temp: 102 Deg F

Pressures:
IHP: 1971
IFP: 8-10
ISIP: 32
FFP: 10-10
FSIP: 22
FHP: 1976



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: _____

TIME ON: _____
 TIME OFF: _____

Company _____ Lease & Well No. _____
 Contractor _____ Charge to _____
 Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
 Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
 Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
 Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

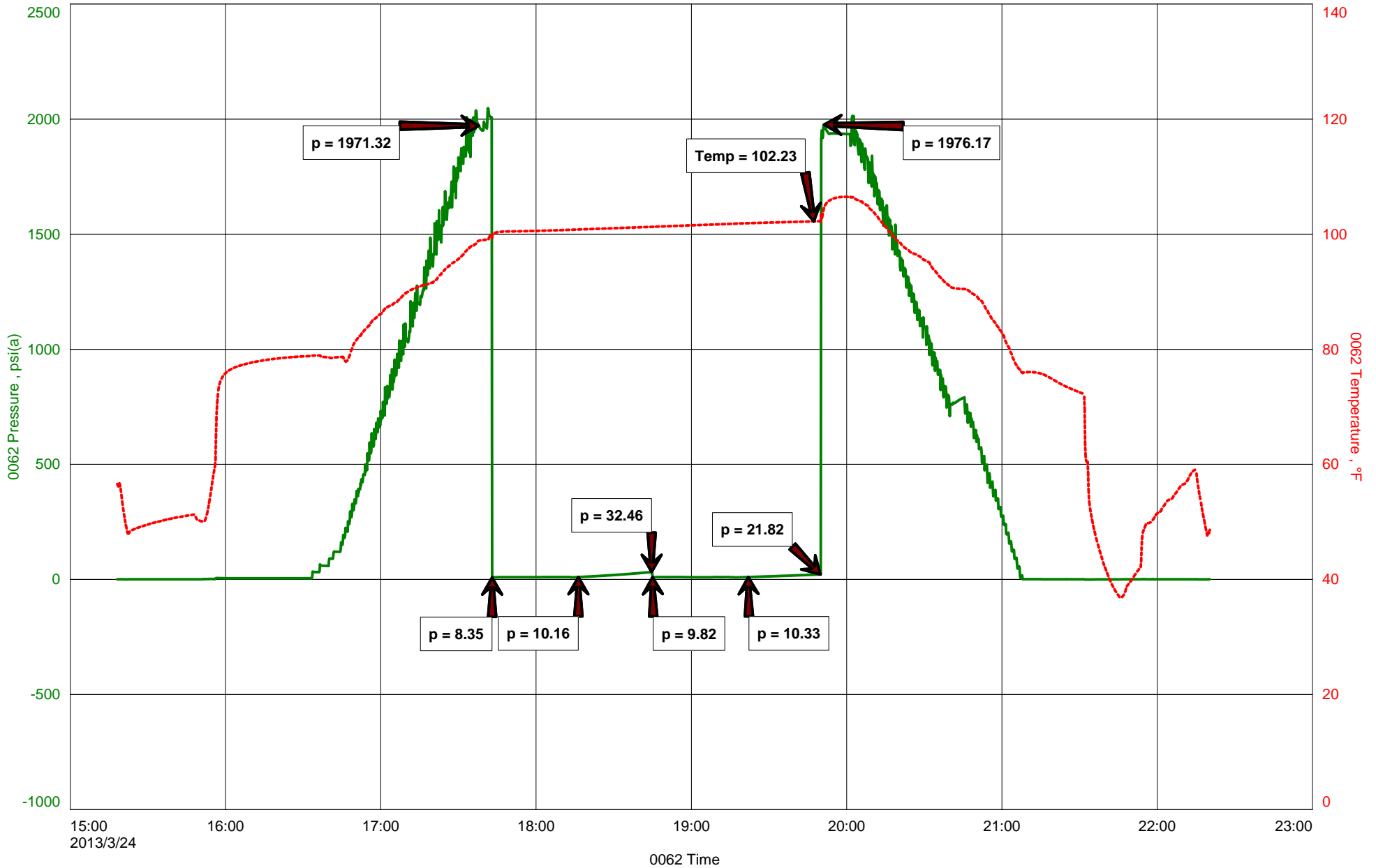
Blow: 1st Open: _____
 2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure..... (A) _____ P.S.I.
 Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
 Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

Brooks #1-18





Diamond Testing General Report

**JAKE
FAHRENBRUCH - TESTER
Cell: (620) 282-8977**

P.O. Box 157
Hoisington KS 67544
Office: (800) 542-7313

General Information

Company Name Grand Mesa Operating Co
Well Operator Grand Mesa Operating Co
Contact Steve Stribling
Site Contact Bob Schreiber
Field
Well Type Vertical
Prepared By Jake Fahrenbruch

Well Name Brooks #1-18
Unique Well ID DST #3 Fort Scott 4390'-4432'
Surface Location Sec 18-11s-26w-Gove Co.-KS
Test Unit #5
Pool
Job Number F112
Qualified By Bob Schreiber

Test Information

Test Type Conventional Bottom Hole
Formation Fort Scott 4390'-4432'
Start Test Date 2013/03/26
Final Test Date 2013/03/26

Test Purpose
Gauge Name 0062
Start Test Time 04:16:00
Final Test Time 13:23:00

Test Results

Recovered: 90' Free Oil 100% oil (1.29 BBL)
140' GssyHvyOCM 15% gas, 35% oil, 55% mud (.87 BBL)
----- 435' GIP
----- Gravity: 38.5 (corrected)
----- Tool Sample: HOCM 30% oil, 70% mud
----- Bottom Hole Temperature: 117 Deg F
----- Total Recovered Fluid: 230' (2.16 BBL)

Pressures: IHP: 2110
IFP: 13-62
ISIP: 1324
FFP: 60-92
FSIP: 1309
FHP: 2114



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

Brooks #1-18

