

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1251867
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: _____

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
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Bailey OE 2-27
Doc ID	1251867

All Electric Logs Run

Array Induction Shallow Focused Electric Log
Compact Photo Density Compensated Neutron Microresistivity Log
Compensated Neutron Sonic Porosity Overlay
Microresistivity Log
Compensated Sonic with Integrated Transit Time

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	Bailey OE 2-27
Doc ID	1251867

Tops

Name	Top	Datum
Heebner	3741	-788
Heebner (base)	3747	-794
Toronto	3758	-805
Lansing	3800	-847
KS City	4126	-1173
KS City (base)	4245	-1292
Marmaton	4267	-1314
Pawnee	4349	-1396
Ft. Scott	4376	-1423
Cherokee	4403	-1450
Morrow	4603	-1650
St. Genevieve	4666	-1713
St. Louis	4714	-1761
RTD	4870	-1917
LTD	4877	-1924

ALLIED OIL & GAS SERVICES, LLC 064823

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999

SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Oakley KS

DATE <u>2-18-15</u>	SEC. <u>27</u>	TWP. <u>22N</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>5:30 p.m.</u>	JOB START <u>9:30 p.m.</u>	JOB FINISH <u>10:30 p.m.</u>
LEASE <u>Drill # 01</u>	WELL # <u>2-27</u>	LOCATION <u>Barbulo Rd W to KS/WEB</u>			COUNTY <u>Finney</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR Berevedo
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1711'
 CASING SIZE 8 5/8 DEPTH 1711'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX. MINIMUM
 MEAS. LINE SHOE JOINT 42'
 CEMENT LEFT IN CSG. 43'
 PERFS.
 DISPLACEMENT 106.30 bbl H₂O
 EQUIPMENT

PUMP TRUCK CEMENTER Paul Beaver
 # 431 HELPER Brandon Wilkinson
 BULK TRUCK DRIVER Darren Racette
 # 01/241
 BULK TRUCK DRIVER Jose Calderon
 # 774/744

REMARKS:

Run Pipe / Floast Equip / Drop ball, pumped bell through float valve @ 400# circ
 Mix 625 sks Lite Tail w/ 150 sks Cem, Release plug, Displace w/ water plug did land, Floast did hold, cement did circ
 600 lift 800 Lead
 20 bbl to pit
 Thank You!
 Paul & Crew

CHARGE TO: Berevedo LLC
 STREET _____
 CITY _____ STATE _____ ZIP _____



To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

OWNER Same
 CEMENT AMOUNT ORDERED 625 sks Lite 65/35
6 1/2 gal, 3 1/2 cc, 1/4 # Flo-seal, 150 sks 3 1/2 cc
 COMMON 150 sks @ 17.90 2685.00
 POZMIX @
 GEL @
 CHLORIDE 2055 # @ 1.10 2260.50
 ASC @
 Lube (.65/.55/6) 625 sks @ 17.88 12,195.00
 Flo-seal 150 # @ 2.97 463.32
 Material Total @ 11033.82
 (2805.22/453)
 HANDLING 880.47 FT³ @ 2.48 2183.57
 MILEAGE 1102.22 bbl/mi @ 2.75 3050.36
 TOTAL _____

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 213.75
 EXTRA FOOTAGE @ _____
 MILEAGE MIW 30 @ 7.70 231.00
 MANIFOLD Head @ _____
 MILV 30 @ 4.40 132.00
 TOTAL 780.67
 (354.80/453)

PLUG & FLOAT EQUIPMENT
Weatherford + Industrial 85/8
 (J) Guide shoe @ 460.00
 (J) Top Rubber Plug @ 131.00
 (W) AFW Float Valve @ 447.00
 (W) Centralizers 3 @ 75.00 225.00
 TOTAL 1,263.00
 (568.35/453)

SALES TAX (If Any) _____
 TOTAL CHARGES 26,907.50
 DISCOUNT 2,108.37 (45%) IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Paul Beaver Bid
14,799.12 Net

SCALE
CORRECTION

GRANITE MASH TOTAL GAS VOLUME
AUG 2 67

CS = ISOPENTANE
C = PENTANE

SAMPLE DESCRIPTION

GAS SCALE

Lms. exte. abn. wht to cream-chlk + tan to H. tan; crypto. to v.v. fn. xln.; abn. w/ micro-oolites; sub-chlk, sub-sucro to sucro; dul. yel. fluor.; No Cut; TRS V. poor micro-pp. POR.

Lms. hoy. tes. to abn. wht to cream-chlk + H. gray to tan; crypto. to v.v. fn. xln.; sub-chlk; sub-sucro; tes. packstr.; dul. H. yel. fluor.; No Cut; No Vis POR.

Sh. black-carb

Lms. similar 3600-3623

Sh black-carb

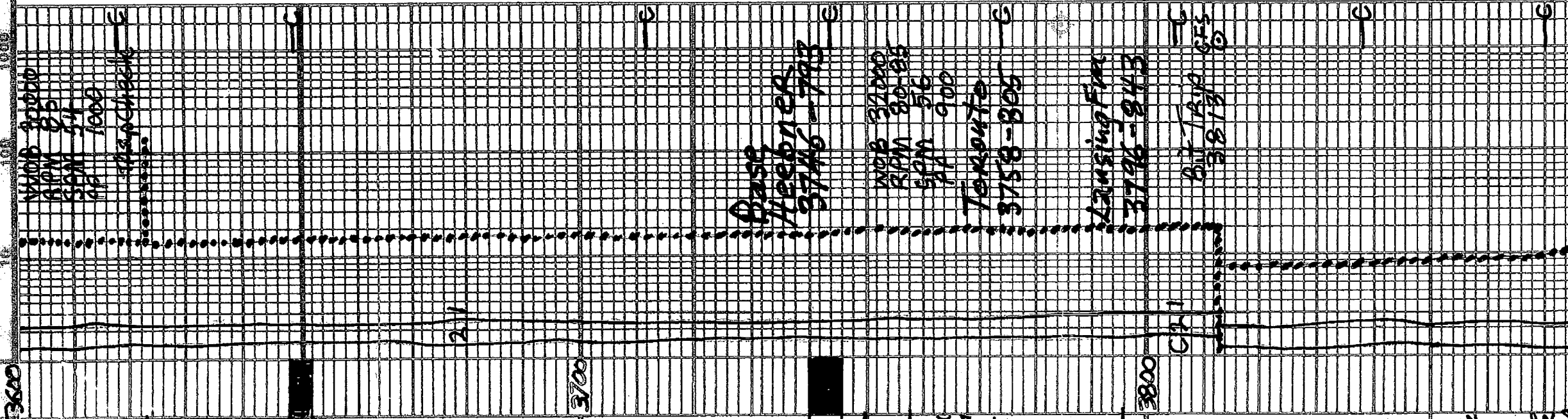
Lms. tan; crypto; packstr. to sub-lithoge. dul. H. yel. fluor.; No Cut; No Vis POR

Sh H. gray to lt. green

Lms. abn. wht. to cream-chlk + grayish. tan to tan; crypto to v.v. fn. xln.; grayish tan to tan; sub-chlk; sub-sucro; packstr. + tes. sub-lithoge.; phantoms oolitic; dul. H. yel. fluor.; No Cut; No Vis POR

Interbedded Limestones w/tes Chert
① Slower Drlg. Lms. tan, grayish. tan to tes. H. gray; crypto. to v.v. fn. xln. + tes. sub-chlk; sub-sucro; packstr. + Sli. tes. sub lithogr.; dul. H. yel. todul

Yel. fluor.; No Cut; No Vis POR.
② Faster Drlg. Lms. tes. wht to cream-chlk + cream to tan; crypto to v.v. fn. xln.; sub-chlk; sub-sucro to tes. sucro + tes. packstr.; tes phantoms oolitic to tes. oolitic; dul. H. yel. todul; yel. fluor. No Cut; tes amo to Sli. tes fine micro-ol



① Foster Delg. Lms. tes. wht to cream chalk
 + cream to tan; crypto to v. tan. Lms. in
 sub-chalk, sub-succo to tes. succo &
 tes. p. p. chert. tes phantoms oolitic to
 tes. oolitic; dil. lt. yellow to dil. yellow
 No cut; tes poor to sl. tes fair micro por
 ② tes Chert wht. to gray; oppo. to trans

3900

3959-64 Lms. tes. whit to cream chalk
 Crypto. to v. tan. xlm. v. to ext. oolitic
 w/ the sl. oolitic; matrix sub-succo
 p. chert; l. on yellow. fluor.; No cut
 fr. 194 to excel. oolitic pores Feb. N. 194

3964-3992 Lms. Similar description #1
 3796-3959

3992-4000 Lms. hv. tes. wht. to cream chalk
 + tan w/ abn. dark tan to lt. brown. spid. to
 even oil str.; strong oil odor; v. tan
 to v. tan. in; sub-succo to v. succo. fluor.
 abn. phantoms oolitic; yellow to dil. yellow
 w/ fluo. to g. d. strong cut; abn. pores to g. d.

4000

+ tes excel. p.p.; micro por + inter. in por
 4000-2.3 Lms. tes. wht. to cream chalk v. lt.
 grayish. tan to tan; crypto. to v. tan. in; tes
 sub-chalk; sub-succo. p. chert. fluor.
 sub-11 thog. id. w. yellow. fluor.; No cut
 No vis. por

4023-27 Lms. tes. wht. to cream chalk tan w/
 w/ chert to tan. oil odor; v. tan. in; tes
 abn. phantoms oolitic; yellow to dil. yellow
 g. d. strong cut; abn. pores to g. d. tes excel
 micro - por + 11 thog. id. w. yellow.

4027-38 Lms. w/ tes. wht. to cream chalk
 + grayish. tan to tan; crypto. to v. tan. in
 sl. to ext. oolitic; matrix sub-succo. to
 sub-succo. p. chert; dil. yellow. fluor.
 No cut; No vis. por

4038-46 Lms. hv. tes. wht. to cream chalk
 tan; crypto. to v. tan. in; oolitic to tes
 sl. oolitic; matrix sub-succo. to sub-succo
 to succo. p. chert; dil. yellow. fluor.
 No cut; abn. v. p. p. to g. d. p. p.
 + oolitic pores; Quest. form

4046-68 Lms. similar to 4027-4038
 4068-4106 Lms. abn. wht. to cream chalk and
 grayish. tan to tan v. to ext. oolitic + v. tan
 sl. to fully oolitic p.p.; matrix sub-succo. to
 sl. tes. succo. & p. chert; abn. dil. yellow. fluor.
 dil. yellow. fluor.; No cut; abn. v. p. p. to g. d.
 oolitic pores; Quest. form

Lms. lt. gray; grayish. tan to tan; crypto. to
 sl. tes. v. tan. xlm. v. sl. tes. sub-succo;
 p. chert; sub-11 thog. id. w. yellow. fluor.
 No cut; No vis. por

Sl. black - carb
 Sh. med. to drk. gray. - calc. p.p.
 4129-35 Lms. hv. wht. to cream chalk + tan
 to tan; sl. to fully oolitic; matrix sub-succo
 to succo. p. chert; dil. yellow. fluor.
 g. d. oolitic pores; Quest. form

4135-44719 Lms. wht. to cream chalk

Clock Stopped on
 Chronograph

Show 1564

Trip Gas 1984 GFS

G545321

Show 716

GFS

Trip Gas 2500 GFS

4100

NOB 38000-32000

RAM 75

SPM 54

PP 1000

Trap check

KANSAS CITY FM

4120-1167

4129-35 Lms. fusc. whit. to cream - sh. 14-16. grey to tan; sh. to tan; oolitic. V. oolitic. oolitic. M. whit. sub-succro. to tan. succro. pp. f. oolitic. 2bn. yel. fluor. IP's; No cut. abn. pp. f. oolitic. 9d oolitic por.; Quest. Perm

4135-4212 Lms. hv. f. as. whit. to cream - chalk IP's; t. H. grey to tan; crypto to tan; fusch. Sub-chalk; sub-succro. to packstn; 2bn. sh. to v. oolitic; dul. H. yel. fluor IP's; Medist scattered f. res. v. poor micro-pp. por.

4212-4225 Lms. similar to 4135-4212 w/extr. abn. whit. to cream - chalk

Lms. tawny grey. to H. grey; crypto to xln sub-chalk. to packstn; dul. H. yel. fluor IP's No cut; No lvs por

Sh. med to dark grey; sh. to extremely calc

Lms. H. grey to tan; crypto. to v. fusch. xln sub-succro. to packstn; dul. H. yel. fluor IP's; No cut; No lvs por
4278-87 Lms. hv. f. as. whit. to cream - chalk. t. tan w/ 2bn. drk. f. ant. to t. ben. sp. to oolitic oil str.; faint oil sh.; crypto to v. fusch. v. to extremely oolitic; f. res. sh. to oolitic; m. z. r. f. x. 2bn. Sub-succro. to succro w/majority packstn; 1 gl. du. yel. fluor; w/flush to 9d string cuts; f. res. to basal oolitic por; 2bn. pp. to bed top

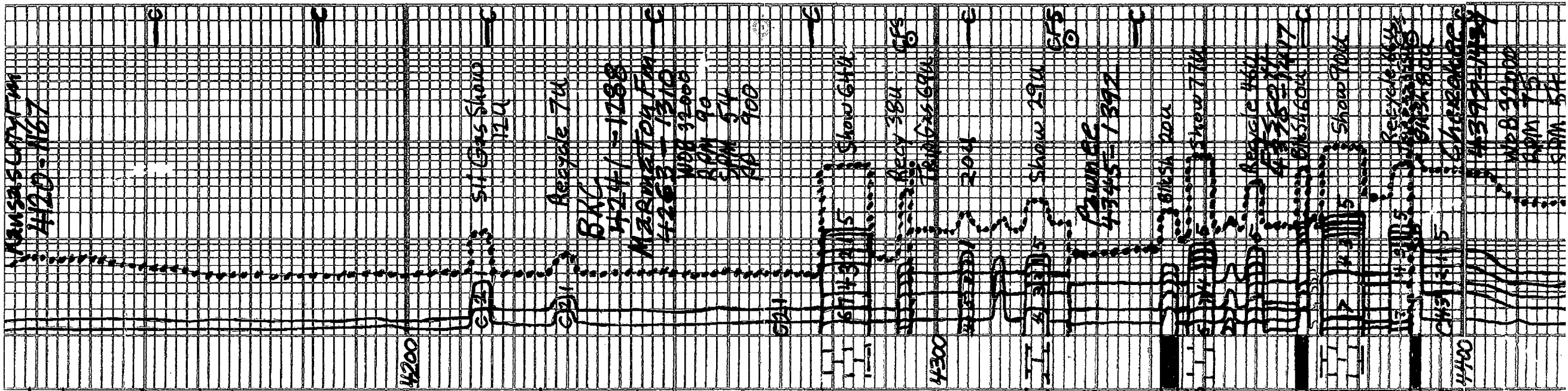
micro-pp. v. por. in inter. in por Quest. Perm IP's
4287-4317 Lms. similar to 4263-78 v. sh. ly. IP's 4317-21 Lms. H. tan to tan w. drk. tan to 2bn. sp. to even oil str.; faint oil sh. to v. fusch. xln; sub-succro. to succro. to v. fusch. xln; sub-succro. to oolitic; IP's ph. ant. to m. oolitic; IP's to tan oolitic; 9 du. yel. fluor. w/flush to 9d. string cuts; 2bn. pp. to bed top; 2bn. yel. fluor. pp. micro-pp. inter. in por.

4321-42 Lms. similar to 4263-4278 sh. ly. IP's Sh. black - carb

Lms similar to 4263-4278
4347-52 Lms. tan w/wh. tan to H. tan; sp. to tan every oil str.; faint oil sh.; crypto. to oolitic v. fusch. xln; ph. ant. to oolitic; to oolitic w/ f. res. ph. ant. to oolitic; matrix sub-succro. to v. succro. to f. res. oolitic 9 du. yel. fluor. w/flush to 9d. string cuts abn. pp. to bed top; excel. bug; pp. micro-pp. sh. blk - carb

Lms. similar to 4263-4278
4373-81 Lms. 2bn. whit. to cream - chalk to tan w/ v. 2bn. drk. tan to t. ben. sp. to 9d oil str. v. string. oolitic; sh. to v. oolitic; matrix sub-succro. to v. succro. to sh. to oolitic; 9 du. yel. fluor. w/flush to 9d. string cuts; the many cuts abn. pp. to bed top; 9 du. yel. fluor. excel. pp. micro-pp. to inter. in por
4381-4390 Lms. similar to 4263-4278 sh. v. dark grey to black - carb

4392-4500 Interbedded lms. & sh. Lms. H. grey. to greyish tan; crypto. to v. fusch. xln. v. sub-chalk; sub-succro. to packstn. f. res. sub. lithog. ridul. layer



4392-4500 Lms. similar 4265-4475
Sh. v. dark gray to black - calc. c.

4392-4500 Interbedded lms + shs
① Lms. H. gray to grayish tan; calc. por. to v.v. fn. xln. sub-chk; sub-succo. packstn. v. res. sub-lithog. r. dul. layed fluor. lps; No cut; No v. por
② Lms. med. to drk. gray v. to highly sh. gradng. to extly. calc shs. crypto xln sub-chk. v. shly. x packstn. v. res. dul. yel. fluor.; No cut; No v. por
③ Sh. med. to v. drk gray-slt. to extly calc. lps
④ scattered shs v. drk. gray to black - carb

4500-03 Lms. brn. to om oil stn.; v.v. fn. xln.; v. succo.; gldn. yel. fluor w/flush to excel stemng cuts
prob. inter xln. por and

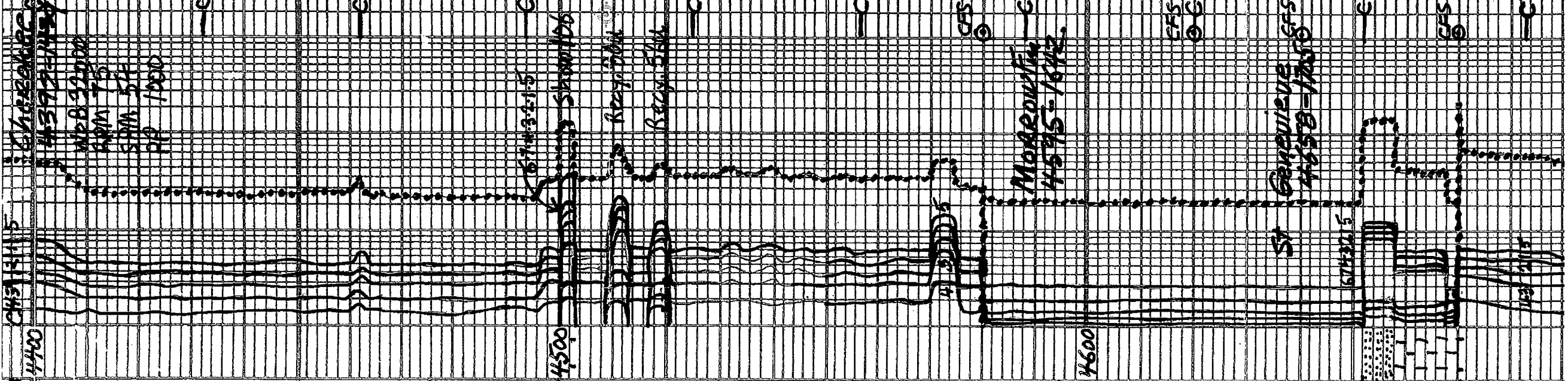
4503-4595
Interbedded lms + shales
similar 4392-4500

Sh med to drk gray w/tes. o. lms green to H. green + lms + lt. gray to tanish gray; crypto to v. v. xln; sub-chk; sub-succo. x packstn dul. H. yel. fluor. lps; No cut; No v. por.

4652-4658 Qtz sand brn. from oil stn; fr. oil ader; v.v. fn. pr. ang. to sub-ang; gldn. yel. fluor w/flush to dr. col. stemng cuts
pr. to fr. micro. pp por + prob gd. to excel. ft. xgr. por. v. to extly. ft. xble lps oil or w. sh water

Some loose Qtz grs
Lms. tan w/v. a. drk. tan to brn sp. to even oil stn; crypto. xln. whit. mat. v. v. fn. to v. fn. xln. extly. micro. poly. x sl. to dul. Qtz sl. v. v. xgr. ang. mat. v. sub-succo. to succo. gldn. yel. fluor. w/flush to g. stemng cuts
to v. por. to fr. th. y. g. gd. micro. por. to inter xln. por.; the better the stn the better the por.
Some loose oil lps

4671-4710 Lms. tan to drk. gray w/tes. o. lms



matrix is no sucro to sucro, old, yell
+ fluor-w/flash to top of stem in clots
2 on pp to fl. th. h. v. s. g. d. microp
to inter x in. por. the better the
5th the better the por.
Some loose oolites

4671-4710 Lms. hyp. tr. wht. to cream, chlk
+ grayish tan to tan, crypto. to v. v. in
x in. ext. microp. ~~oolitic~~ sli. to f. 4700
OTZ sdy - v. v. enrg - a ng. matrix
chlk. sub-chlk. slab - sucro to sucro
dul. H. to H. yel. fluor. No cut; No vis for

4710-20 Lms. tr. wht. to cream - chlk to cream
to fl. tan w/ v. a. b. d. k. tan to o. b. oil str.
faint oil order; crypto x in oolites (sm to med)
Revised IP's to x in lumps oolites
IP's Revised to sucro; phantom
oolites IP's; matrix sucro.
to v. sucro; gl. du to best gold. yel
fluor. w/ flash to excel. stem in g. d.
abn. por. ext. to th. y. s. chlk. sub-sucro +
microp. top of inter. por.
fl. s. inter. oolitic por.; hyp. tr. s.
abn. loose oolites (sm to med.)

4720-4766 Interbedded Limestones
① Lms. tr. to hyp. tr. wht. to cream - chlk
+ grayish tan to tan; crypto. to v. v. in x in
v. to ext. oolitic (sm to med) (fl. s. chlk. sub-sucro +
matrix chlk. sub-chlk. sub-sucro +
pachy. w/ w. yel. fluor. No cut; No vis for

② Lms. grayish tan to tan; crypto
to v. v. in x in. sub-sucro.
pachy. tr. v. yel. sub-litho. p.
dul. yel. fluor. No cut; No vis for
4766-4818 Interbedded kmsts
Similar to 4720-4766 becoming
sli. dolomitic IP's

4818-4870 Lms. H. gray to tan; crypto
to tr. s. v. v. in x in. sub-sucro. to
pachy. w/ tr. s. oolites IP's +
v. abn. sub-litho. p. sli. to fl. s.
dolomitic IP's; dul. H. yel. fluor. No
No cut; No vis por.

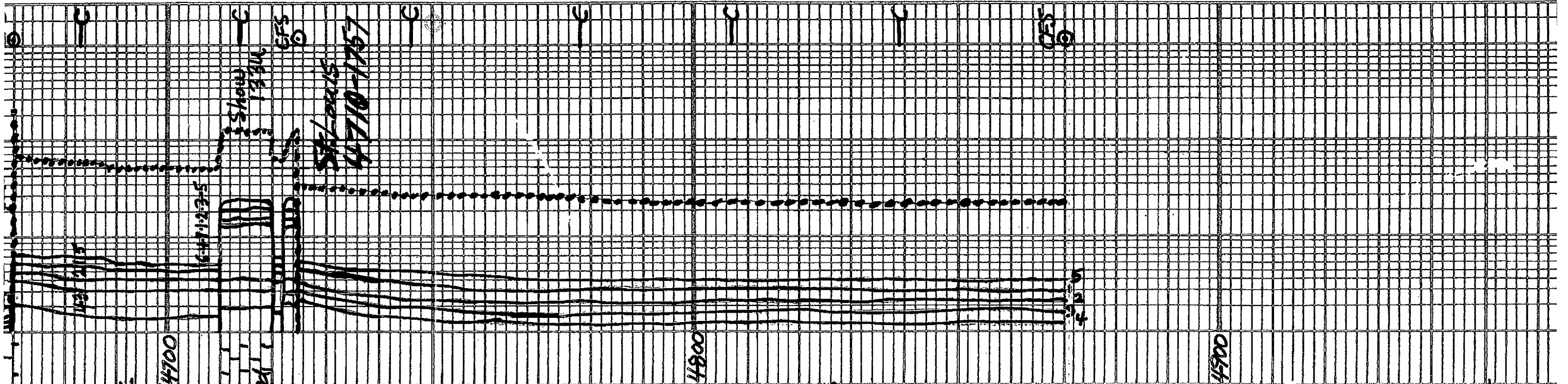
TD 4870

7 7/8 inch Bit Into
#1 Smith TC New ARI 23 VHYPs
in 17 11 out 3813
#2 Smith TC New ARI 23 VHYPs
in 3813 out 4870 TD

- CIR Points:
- 1. 3813
 - 2. 3990
 - 3. 4010
 - 4. 4036
 - 5. 4046
 - 6. 4295
 - 7. 4325
- Dev. SURV:
- 1. 511 3/4°
 - 2. 1001 3/4°
 - 3. 1655 3/4°
 - 4. 3813 3/4°
 - 5. 4295 3/4°
 - 6. 4670 1°
 - 7. 4870 2 1/4° TD

Daily Drilg. Progress:

1. 3600	12:28 PM	2-21-2015
2. 3828	7:00 AM	2-22-2015
3. 4010	7:00 AM	2-23-2015
4. 4010	7:00 AM	2-24-2015
5. 4046	7:00 AM	2-25-2015
6. 4295	7:00 AM	2-26-2015



2. 3828 14:40 PM 2-21-2015
 7:00 AM
 3. 4010 7:00 AM 2-23-2015
 7:00 AM
 4. 4010 7:00 AM 2-24-2015
 7:00 AM
 5. 4046 7:00 AM 2-25-2015
 7:00 AM
 6. 4295 7:00 AM 2-26-2015
 7:00 AM
 7. 4325 7:00 AM 2-27-2015
 7:00 AM
 8. 4390 7:00 AM 2-28-2015
 7:00 AM
 9. 4390 7:00 AM 3-1-2015
 7:00 AM
 10. 4657 7:00 AM 3-2-2015
 7:00 AM
 11. 4670 7:00 AM 3-3-2015
 7:00 AM
 12. 4870 7:00 AM 3-4-2015

DST #1 Lansing "G" 3986-4010
 10 weak blow incr. to 2 inches
 FO weak blow max. to 7 inches
 Rec: 100ft Fluid 150ft GIP
 60' Clean oil 100% oil
 40' Oily Mud 35% oil/65% Mud
 GRAV. 41.5 @ 60°F MaxTemp 99°F
 IHP 1894 # in 30 min
 IFP 8 to 23 # in 60 min
 ISIP 372 # in 60 min
 FFP 27 to 47 # in 60 min
 FSIP 369 # in 120 min
 FHP 1893 #

DST #2 Lansing "H" 4020-4032
 10 weak blow incr. to 3 inches
 FO weak blow max. to 4.5 inches
 Rec 150' SMCW 89% wtr 11% Mud
 Chl 30 000 ppm SW. 32 ohm @ 50°F
 P.T Chl 2900 PFT 9.0 MaxTemp 98°F
 IHP 1861 # in 30 min
 IFP 8 to 35 # in 60 min
 ISIP 806 # in 60 min
 FFP 37 to 82 # in 60 min
 FSIP 779 # in 120 min
 FHP 1860 #

DST #3 Marmaton "B" 4276-4295
 10 Blow incr. to 808 13 min, No Blow Back
 FO Blow incr. to 8.5 inches No Blow Back
 Rec 130ft Fluid MaxTemp 103°F
 40ft SOCWCM 4% oil 28% wtr 68% mud
 90ft MW 72% wtr 28% mud
 570ft Gas in pipe
 Chl 55000 ppm SW. 14 ohm @ 70°F
 pH 8.0 MaxTemp 103°F
 IHP 2007 # in 30 min
 IFP 15 to 46 # in 60 min
 ISIP 331 # in 60 min
 FFP 50 to 85 # in 60 min
 FSIP 331 # in 120 min
 FHP 2006

DST #4 Nowinger 4307-4325
 10 weak blow incr. to .25 inches
 FO No Blow
 Rec 5ft DRIG Mud
 IHP 2025 # in 30 min
 IFP 10 to 11 # in 60 min
 ISIP 59 # in 60 min
 FFP 11 to 11 # in 30 min
 FSIP 33 # in 60 min
 FHP 2021 #

DST #5 Ft Scott 4364 - 4390
 10 Blow incr. to 2 inches
 FO Blow incr. to 6 inches
 Rec 60ft GCHOCM 102% oil 30% mud
 150ft Gas in pipe MaxTemp 104°F
 IHP 2004 # in 30 min
 IFP 9-19 # in 60 min
 ISIP 1069 # in 60 min
 FFP 29-37 # in 60 min
 FSIP 1080 # in 120 min
 FHP 1999 #

DST #6 Morrow 4572-4670
 10 weak blow incr. to 1.5 inches
 FO weak sweet blow throughout
 Rec 30ft 505P1 1% oil 799% mud
 MaxTemp 106°F
 IHP 215 #

DST #6 Morrow 4592-4670
 ID weak blow incr. to 1.5 inches
 FD weak surf. blow throughout
 Rec soft soft < 1% oil 7998 mud
 Max Temp 106 OF
 IHP 2170 #
 IFP 13-20 # in 30 min
 ISIP 284 # in 60 min
 FFP 23-29 # in 60 min
 FSIP 367 # in 120 min
 FHP 2167 #

Mud Info:

Date	2-21	2-22	2-23	2-24	2-25	2-26	2-27	2-28
Depth	3579	3906	4010	4044	4146	4295	4325	4380
Wt	8.6	8.75	8.9	8.75	8.75	9.0	9.0	9.0
Vis	66	45	46	51	52	44	44	50
PV	19	13	14	16	15	12	13	16
YP	19	14	13	17	16	13	14	17
GS	1 1/48	1 1/43	1 1/42	1 1/48	1 1/43	1 1/31	1 1/34	1 1/36
WL	7.2	9.2	8.0	8.8	8.8	7.2	7.2	7.2
Cake	1/32	1/32	1/32	1/32	1/32	1/32	1/32	1/32
pH	11.0	10.5	10.0	10.0	9.5	9.5	10.0	10.0
Cl	1900	2600	2400	2900	3300	3100	3300	
Ca	20	20	20	20	20	20	40	
LCM	1 1/2	3	3	3	3 1/2	3	4	

Date	3-1	3-2	3-3	3-4
Depth	4390	4640	4670	4870
Wt	8.9	9.2	9.2	9.25
Vis	56	48	52	51
PV	17	15	16	15
YP	19	17	19	17
GS	1 1/40	1 1/34	1 1/32	1 1/44
WL	7.2	8.0	7.2	7.2
Cake	1/32	1/32	1/32	1/32
pH	10.0	10.0	10.5	10.0
Cl	3000	3000	3100	2100
Ca	40	40	40	20
LCM	4.0	4.0	4.0	4.0

OPERATOR BerExCo LLC
 LEASE Bailey
 ELEVATION 2953 KB RTD 4870

LOC 5 10N
 SEC 27
 TWP. 22S
 FINNEY
 STATE Kansas
 ANO. 34W

2260' ENL & 983' FWL

ALLIED OIL & GAS SERVICES, LLC 062047

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Bottom 8:00am 8:30am
Dallas, KS

DATE <u>3-5-15</u>	SEC <u>27</u>	TWP <u>22N</u>	RANGE <u>34W</u>	CALLED OUT	ON LOCATION <u>9:00am Top</u>	JOB START <u>11:30am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>Railco</u>	WELL# <u>2-27</u>	LOCATION <u>Scott City, Sta Barlow Rd, W</u>	COUNTY <u>Finney</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>			<u>to KS/NEA Rd, 1 1/2 S, E into</u>				

CONTRACTOR <u>Beredon</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production (2 stage)</u>	CEMENT <u>Bottom stage - 85 sks Lite, 180</u>
HOLE SIZE <u>7 7/8</u>	AMOUNT ORDERED <u>sks ASC, Top stage</u>
CASING SIZE <u>5 1/2 (15.5")</u>	<u>300 sks Lite, 50 sks Asc,</u>
TUBING SIZE	<u>M.H., R.H - 50 sks Lite</u>
DRILL PIPE	COMMON _____ @ _____
TOOL <u>DV TOOL</u>	POZMIX _____ @ _____
PRES. MAX	GEL _____ @ _____
MEAS. LINE	CHLORIDE _____ @ _____
CEMENT LEFT IN CSG. <u>42.50'</u>	ASC <u>230 sks @ 23.50</u> <u>5405.00</u>
PERES.	<u>Lite 65/35/16 435 sks @ 18.88</u> <u>8187.80</u>
DISPLACEMENT <u>Bottom - 40 bbl water 72.08 bbl mud</u>	<u>Flo-seal 110 @ 2.87</u> <u>326.70</u>
<u>Top 76.63 bbl water</u>	<u>Gilsonite 1380 @ .98</u> <u>1352.40</u>
EQUIPMENT	<u>CEL-210 789 @ 18.90</u> <u>15040.10</u>
	<u>Powdered Delamer 31 @ 3.50</u> <u>108.50</u>

PUMP TRUCK # <u>431</u>	CEMENTER <u>Paul Beaver</u>	HELPER <u>Brandon Wilkinson</u>	Material Total <u>17900.00</u>
BULK TRUCK # <u>791</u>	DRIVER <u>Lakene Wentz</u>		<u>(4655.26/45%)</u>
BULK TRUCK # <u>818</u>	DRIVER <u>Wayne Nghghy</u>		HANDLING <u>812.854 @ 2.48</u> <u>2015.79</u>
			MILEAGE <u>1615.88 tan/mi @ 2.75</u> <u>4443.95</u>
			TOTAL _____

REMARKS:

Run Pipe/Float Equip/ Drap ball, pumped ball through @ 500' circ. 1 hr. Mix 85 sks lite mix 250 sks ASC, wash water pit release plug, displace water & mud, plug did land @ 1500' 1000' L.P. Float ball drap part, opened hole @ 900', circ. 4 hrs. Top mix 30 sks in R.H. Mix 15 sks M.H. mix 300 sks Lite, fall w 50 sks ASC, release plug, displace w 100 water plug did land @ 300' L.P. 1000' cement did circ

CHARGE TO: Beredon llc
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE	DEPTH OF JOB <u>4977'</u> <u>3219'</u>
PUMP TRUCK CHARGE <u>2765.75</u>	<u>2406.25</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE MI HV <u>30 @ 7.40</u>	<u>231.00</u>
MANIFOLD Head _____ @ _____	<u>N/A</u>
MIHV <u>30 @ 4.40</u>	<u>132.00</u>
	TOTAL <u>10,344.74</u>

Thank You! (4655.14/45%) Paul & crew

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
SIGNATURE Wayne Nghghy

PLUG & FLOAT EQUIPMENT
5 1/2 Weatherford

AFO Float shoe _____ @ _____	<u>545.00</u>
Latchdown Flexplug Assy _____ @ _____	<u>660.00</u>
DV TOOL _____ @ _____	<u>5335.00</u>
Baskets <u>3 @ 395.00</u>	<u>1185.00</u>
Centralizers <u>12 @ 57.00</u>	<u>684.00</u>
	TOTAL <u>8909.00</u>

SALES TAX (if Any) _____
TOTAL CHARGES 3,6654.34
DISCOUNT 16,494.40 (45%) IF PAID IN 30 DAYS
20,159.83 Net.



CEMENTING LOG

STAGE NO.

Date 3-5-15 District Dakkyks Ticket No. 62047
 Company Beredco Rig Beredco 1
 Lease Bailey OE Well No. 2-27
 County Flom State K.S.
 Location 27-22N-34W Field _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type New Weight 15.5 Collar _____

Bottom Stage
 LEAD: Pump Time _____ hrs. Type Lite, ASC
 Excess _____
 Amt. 85/180 Sks Yield 10.9/6.57 ft³/sk Density 12.5/14.5 PPG
 Pump Time _____ hrs. Type ASC
 Excess _____
 Amt. 300/50 Sks Yield 10.9/6.57 ft³/sk Density 12.5/14.5 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Casing Depths: Top KB Bottom 4877'

Pump Trucks Used 435 Brandon
 Bulk Equip. 818/287 - Wayne Meghaly
891/310 - Lakene Winters

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 4877' ft. P.B. to _____ ft.

Float Equip: Manufacturer Weatherford 5 1/2
 Shoe: Type APU Float Shoe Depth 4877'
 Float: Type Latchdown Flex Asc Depth 4834.50
 Centralizers: Quantity 12 Plugs Top DVI Btm. Flex
 Stage Collars DVI
 Special Equip. 3 - Baskets
 Disp. Fluid Type water/mud Amt. 112 Bbls. Weight _____ PPG
 Mud Type 40 vis Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER Paul Beaumont

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
			<u>Bottom Stage</u>			
						<u>Hold Safety meeting</u>
						<u>Run pipe float equip</u>
						<u>Drop ball, pumped ball through @ 500#</u>
						<u>circ 1 hr</u>
						<u>mix 85 sks Lite @ 12.5</u>
						<u>tail wt 180 sks Asc @ 14.5</u>
						<u>wash up to pit / release plug</u>
						<u>Displace w/ water</u>
						<u>Displace w/ mud</u>
						<u>plug did land float did hold</u>
						<u>Drop Dart opened fool @ 200#</u>
						<u>circ 3 hrs</u>
			<u>Top Stage</u>			
						<u>mix 30 sks in R.H</u>
						<u>mix 80 sks in M.H</u>
						<u>mix 250 sks Lite @ 12.5</u>
						<u>tail wt 50 sks Asc @ 14.5</u>
						<u>wash up to pit / release plug</u>
						<u>Displace w/ water</u>
						<u>plug did land fool did close</u>
						<u>betrust did circ</u>
						<u>Hold Safety meeting</u>

FINAL DISP. PRESS: 1000 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 1/2 BBLs. THANK YOU

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

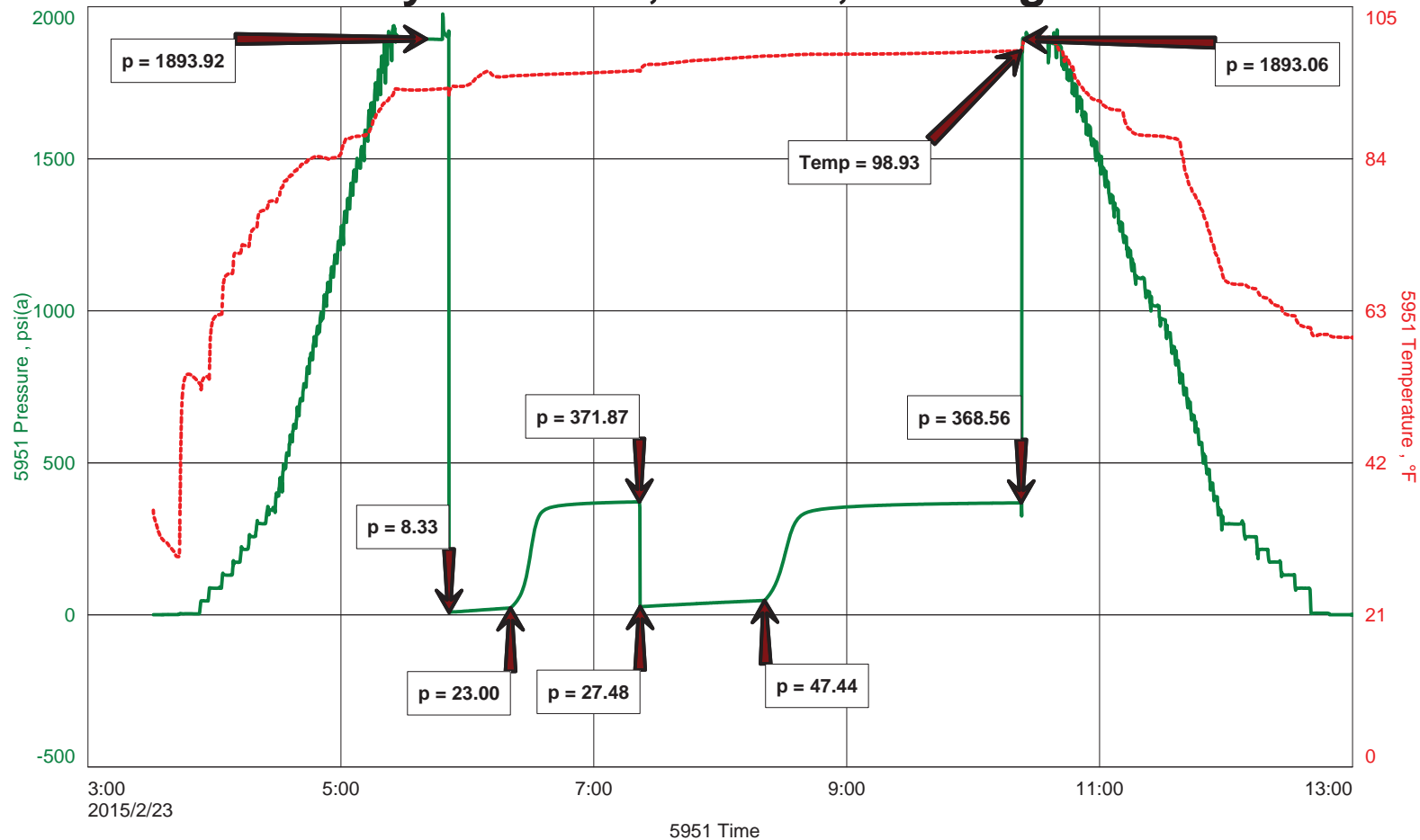
Well Name	Bailey OE #2-27
Company Name	Berexco LLC
Formation	Lansing "G" 3986'-4010'
Test Type	Bottom Hole DST w/J&J
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/02/23
Start Test Time	03:30:00
Final Test Date	2015/02/23
Final Test Time	14:08:00
Job Number	F377
Contact	Evan Mayhew
Site Contact	Ed Grieves

TEST RESULTS

Initial flow, weak blow, increased to 2".
Final flow, weak blow, increased to 7".

TOTAL RECOVERED FLUID: 100'
 60' Clean Oil 100% oil
 40' Oily Mud 35% oil, 65% mud
 ----- 150' Gas In Pipe
 ----- Gravity: 41.5 @ 60 Deg F

Bailey OE #2-27, DST #1, Lansing "G"





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY 2 DST1

ON LOCATION: 01:45
 START RECORDERS: 03:31
 STOP RECORDERS: 14:08

Company BEREXCO LLC Lease & Well No. BAILEY OE #2-27
 Contractor BEREXCO LLC REG #1 Charge to BEREXCO LLC
 Elevation 2953' HB Formation LANSING "G" Effective Pay _____ Ft. Ticket No. F377
 Date 23 FEB. 015 Sec. 27 Twp. 22 S Range 34 W County FINNEY State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 3986 ft. to 4010 ft. Total Depth 4010 ft.
 Packer Depth 3981 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3986 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3964 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3987 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 45 (3" LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 2600 P.P.M. Drill Pipe Length 3334 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 24 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" x 4 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK BLOW, INC. TO 2"
 2nd Open: WEAK BLOW, INC TO 7"

Recovered 60 ft. of CLEAN OIL 100% OIL
 Recovered 40 ft. of OILY MUD 35% OIL, 65% MUD
 Recovered _____ ft. of 150' GAS IN PIPE
 Recovered _____ ft. of TOTAL RECOVERED FLUID: 100'

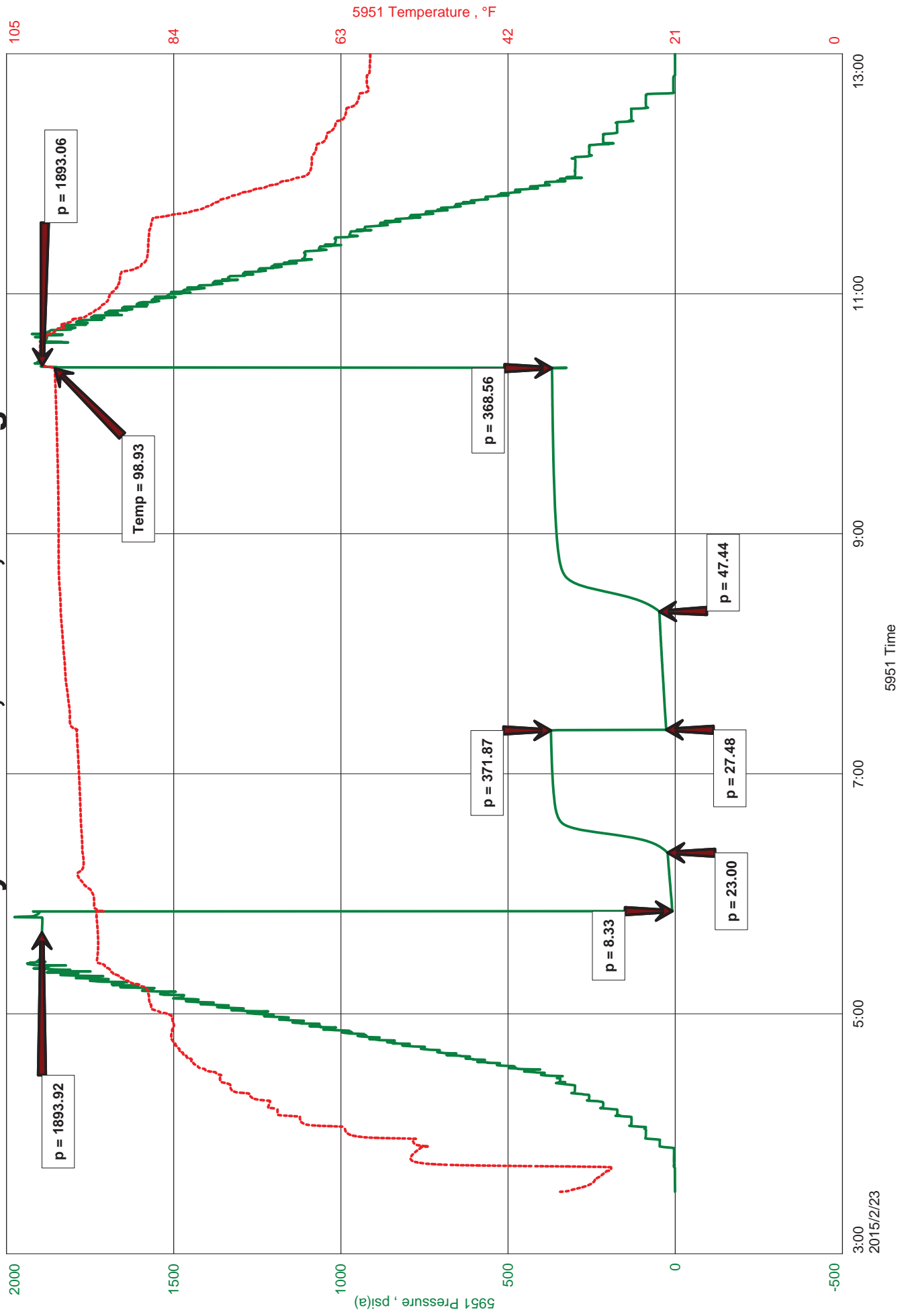
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of <u>GRAVITY = 41 1/2 @ 60°F</u>	Other Charges <u>J&J</u>
Remarks: _____	<u>304 MRT (PRATT)</u>
_____	Total

Time Set Packer(s) 6:00 ^{A.M.} P.M. Time Started Off Bottom 10:30 ^{A.M.} P.M. Maximum Temperature 99°F

Initial Hydrostatic Pressure..... (A) 1894 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 23 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 372 P.S.I.
 Final Flow Period..... Minutes 60 (E) 27 P.S.I. to (F) 47 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 369 P.S.I. Thanks!
 Final Hydrostatic Pressure..... (H) 1893 P.S.I. Jake Fahrenbruch

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.

Bailey OE #2-27, DST #1, Lansing "G"





DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY2DST1

TIME ON: 03:30
 TIME OFF: 14:08

Company Berexco LLC Lease & Well No. Bailey OE #2-27
 Contractor Beredco LLC Rig #1 Charge to Berexco LLC
 Elevation 2953' KB Formation Lansing "G" Effective Pay _____ Ft. Ticket No. F377
 Date 2/23/2015 Sec. 27 Twp. _____ 22s S Range _____ 34w W County Finney State KANSAS
 Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 3986 ft. to 4010 ft. Total Depth 4010 ft.
 Packer Depth 3981 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3986 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3964 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3987 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 45 (3# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,600 P.P.M. Drill Pipe Length 3,334 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 24 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, increased to 2"
 2nd Open: Weak blow, increased to 7"

Recovered 60 ft. of Clean Oil 100% oil
 Recovered 40 ft. of Oily Mud 35% oil, 65% mud
 Recovered _____ ft. of 150' Gas In Pipe
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: TOTAL RECOVERED FLUID: 100'
Gravity: 41.5 @ 60 Deg F

	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 6:00 AM A.M. P.M. Time Started Off Bottom 10:30 AM A.M. P.M. Maximum Temperature 99 F

Initial Hydrostatic Pressure..... (A) 1894 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 23 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 372 P.S.I.
 Final Flow Period..... Minutes 60 (E) 27 P.S.I. to (F) 47 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 369 P.S.I.
 Final Hydrostatic Pressure..... (H) 1893 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.

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

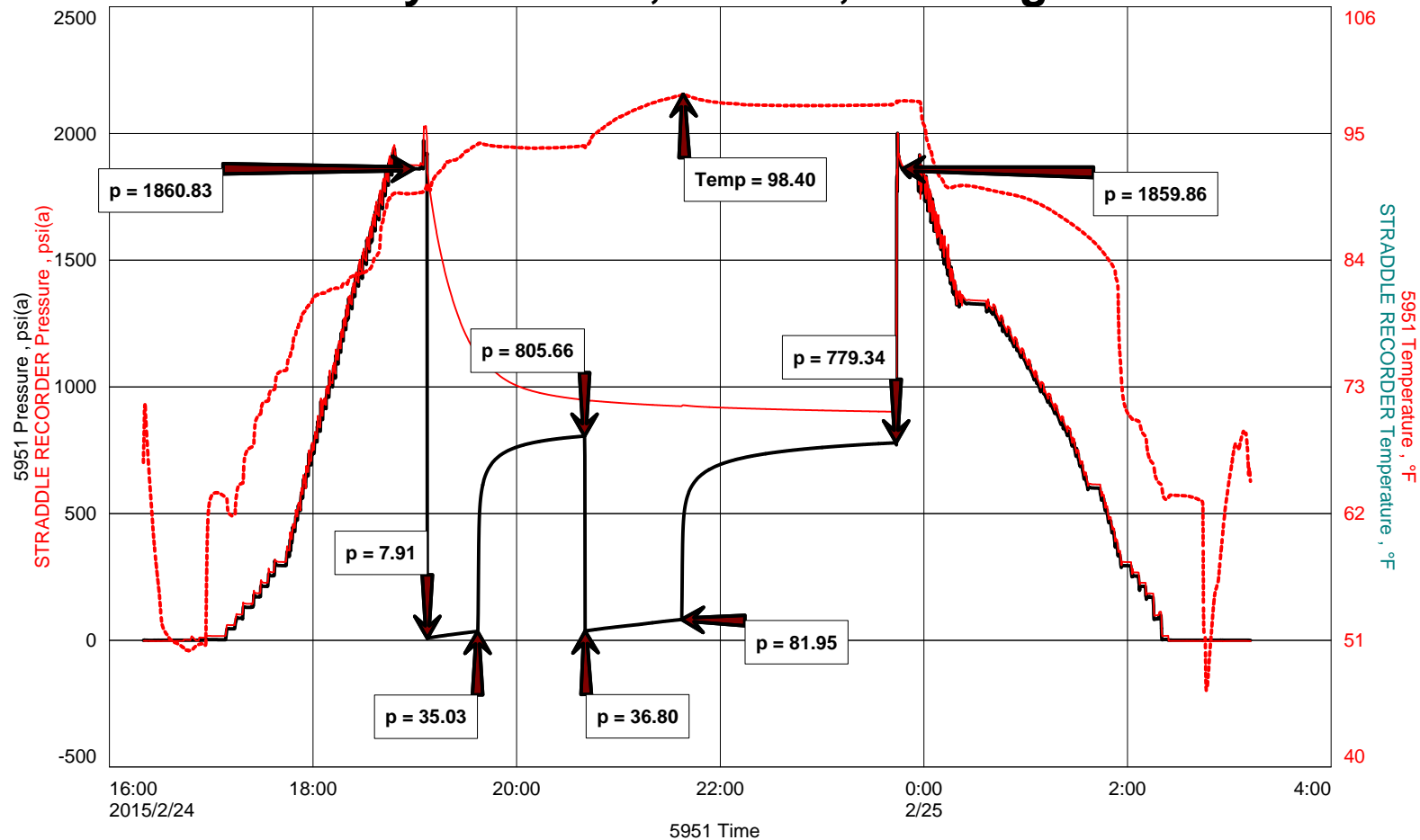
Well Name	Bailey OE #2-27
Company Name	Berexco LLC
Formation	Lansing "H" 4020'-4032' (TD 4046')
Test Type	TP Straddle w/jars, joint, sh pkr
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/02/24
Start Test Time	16:20:00
Final Test Date	2015/02/25
Final Test Time	03:18:00
Job Number	F378
Contact	Evan Mayhew
Site Contact	Ed Grieves

TEST RESULTS

Initial flow, blow increased to 3".
Final flow, blow increased to 4.5".

Recovered 150' of SMCW; 89% wtr, 11% mud
Chlorides: 30,000 PPM
RW: .32 ohm @ 50 Deg F
PH: 9.0

Bailey OE #2-27, DST #2, Lansing "H"





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY2DST2

ON LOCATION: 15:30 2-24
 START RECORDERS: 16:20
 STOP RECORDERS: 03:18 2-25

Company BEREXCO LLC Lease & Well No. BAILEY CE #2-27
 Contractor BEREXCO LLC REG #1 Charge to BEREXCO LLC
 Elevation 2953' KB Formation LANSING "H" Effective Pay _____ Ft. Ticket No. F378
 Date 2-24-15 Sec. 27 Twp. 22S Range 34W County FENNEY State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 4020 ft. to 4032 ft. Total Depth 4046 ft.
 Packer Depth 4015 ft. Size 6 3/4 in. Packer depth 4032 ft. Size 6 3/4 in.
 Packer Depth 4020 SH ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3998 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth 4035 ft. Recorder Number 5584 Cap. 5000 P.S.I.

Mud Type CHEMICAL Viscosity 51 (3" ICM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 2900 P.P.M. Drill Pipe Length 3368 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number #5 J4 J4 SH PR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 12 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" x 4 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO 3"
 2nd Open: BLOW INCREASED TO 4 1/2"

Recovered 150 ft. of SMCW 89" W, 11" M
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

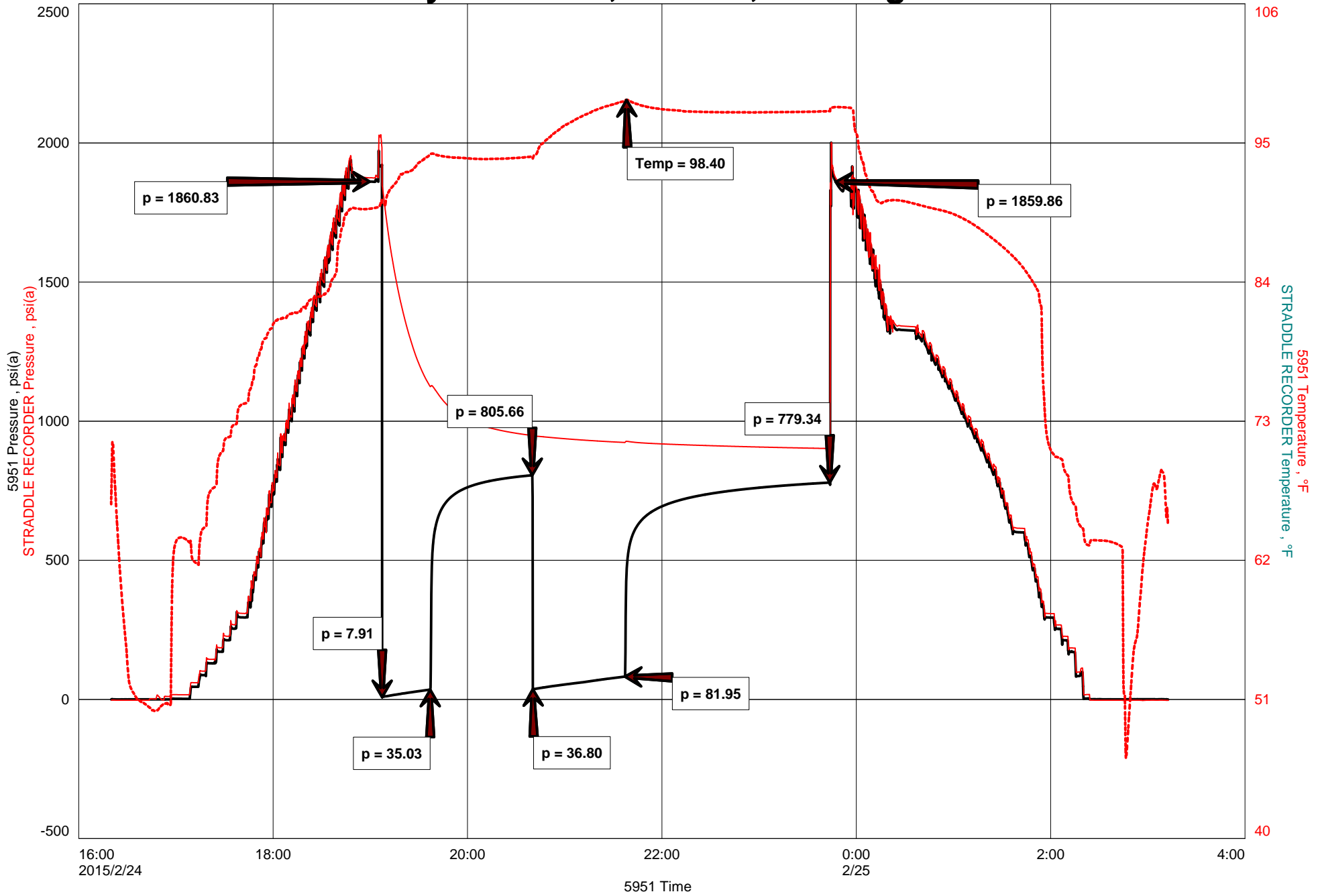
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	JARS & JOINT
Remarks: <u>CHLORIDES: 30,000 PPM</u>	Other Charges
<u>RW: .32 @ 50°F</u>	<u>STRADDLE</u>
<u>PH: 9.0</u>	<u>SMALL PXR</u>
	<u>50 MRT (G.C.)</u>
	Total

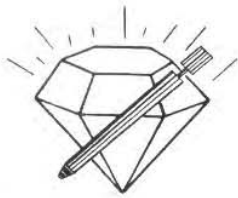
Time Set Packer(s) 7:15 A.M. Time Started Off Bottom 11:45 A.M. Maximum Temperature 98°F
P.M. P.M.

Initial Hydrostatic Pressure..... (A) 1861 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 35 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 806 P.S.I.
 Final Flow Period..... Minutes 60 (E) 37 P.S.I. to (F) 82 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 779 P.S.I. Thanks!
 Final Hydrostatic Pressure..... (H) 1860 P.S.I. [Signature]

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.

Bailey OE #2-27, DST #2, Lansing "H"





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAILEY2DST2

TIME ON: 16:20
TIME OFF: 03:18

Company Berexco LLC Lease & Well No. Bailey OE #2-27
Contractor Beredco LLC Rig #1 Charge to Berexco LLC
Elevation 2953' KB Formation Lansing "H" Effective Pay _____ Ft. Ticket No. F378
Date 2/24/15 Sec. 27 Twp. _____ 22s S Range 34w W County Finney State KANSAS
Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 2 Interval Tested from 4020 ft. to 4032 ft. Total Depth 4046 ft.
Packer Depth 4015 ft. Size 6 3/4 in. Packer depth 4032 ft. Size 6 3/4 in.
Packer Depth SH 4020 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 3998 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth 4035 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Mud Type Chemical Viscosity 51 (3# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,900 P.P.M. Drill Pipe Length 3,368 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&J, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow increased to 3".
2nd Open: Blow increased to 4.5".

Recovered 150 ft. of SMCW 89% wtr, 11% mud
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: Chlorides: 30,000 PPM
RW: .32 ohm @ 50 Deg F
PH: 9.0

Time Set Packer(s) 7:15 PM A.M. P.M. Time Started Off Bottom 11:45 PM A.M. P.M. Maximum Temperature 98 F

Initial Hydrostatic Pressure..... (A) 1861 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 35 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 806 P.S.I.
Final Flow Period..... Minutes 60 (E) 37 P.S.I. to (F) 82 P.S.I.
Final Closed In Period..... Minutes 120 (G) 779 P.S.I.
Final Hydrostatic Pressure..... (H) 1860 P.S.I.

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DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	Bailey OE #2-27
Company Name	Berexco LLC
Formation	Marmaton "B" 4276'-4295'
Test Type	Bottom-Hole DST w/J&J
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/02/26
Start Test Time	04:49:00
Final Test Date	2015/02/26
Final Test Time	15:34:00
Job Number	F379
Contact	Evan Mayhew
Site Contact	Ed Grieves

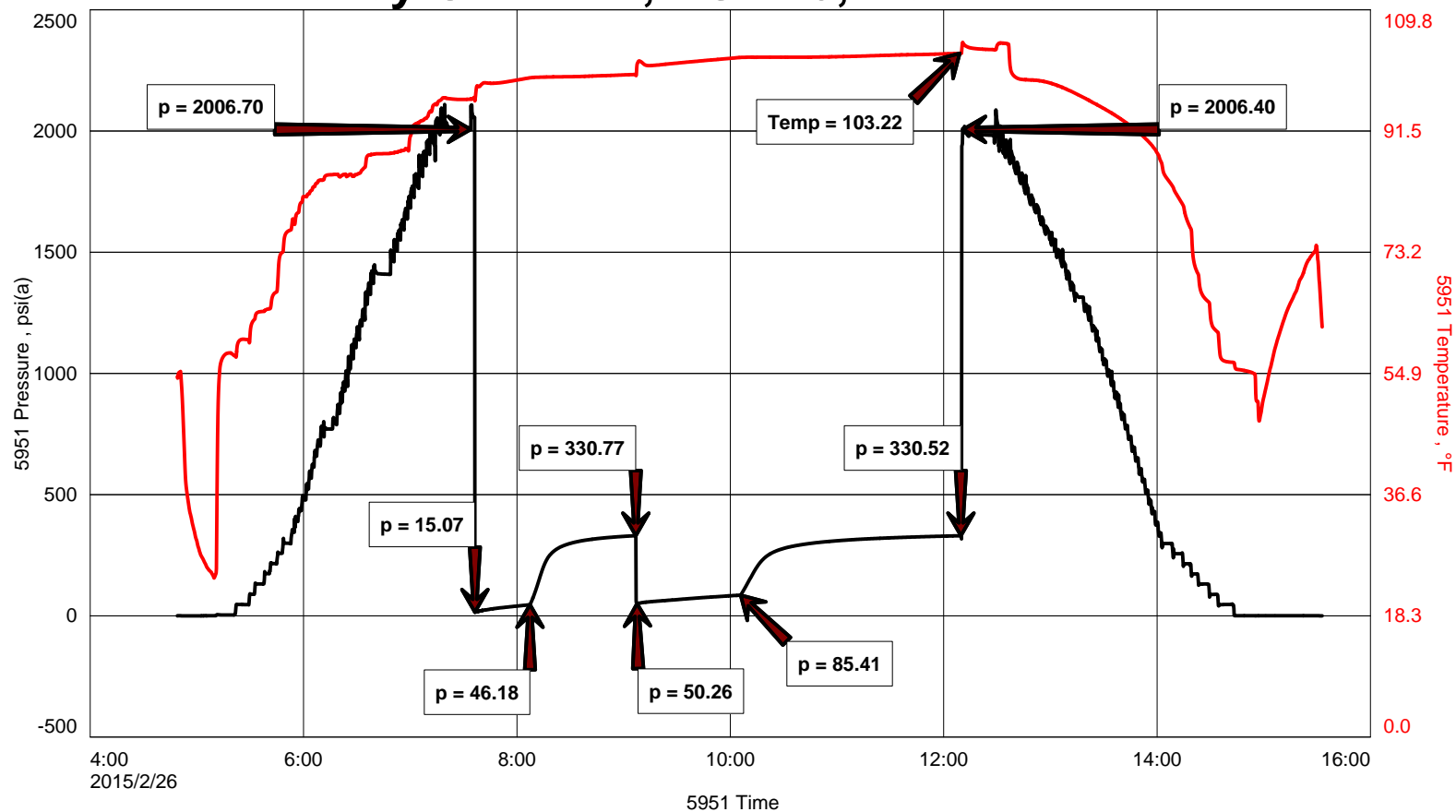
TEST RESULTS

Initial flow, blow increased to B.O.B. in 13 minutes. No blowback.
Final flow, blow increased to 8.5". No blowback.

TOTAL RECOVERED FLUID: 130'

- 40' SOCWCM 4% oil, 28% wtr, 68% mud
- 90' MW 72% wtr, 28% mud
- 570' GAS IN PIPE
- Chlorides = 55,000 PPM
- RW: .14 ohm @ 70 Deg F
- PH: 8.0

Bailey OE #2-27, DST #3, Marmaton "B"





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY20ST3

ON LOCATION: 04:14
 START RECORDERS: 04:49
 STOP RECORDERS: 15:34

Company BEREXCO LLC Lease & Well No. BAILEY OE #2-27
 Contractor BEREXCO LLC REG # 1 Charge to BEREXCO LLC
 Elevation 2953' KB Formation MARMATON "B" Effective Pay _____ Ft. Ticket No. F379
 Date 2-26-15 Sec. 27 Twp. 22s Range 34w County FINNEY State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 4276 ft. to 4295 ft. Total Depth 4295 ft.
 Packer Depth 4271 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4276 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4254 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4277 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 52 (3 1/2 #1CM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3300 P.P.M. Drill Pipe Length 3624 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J#J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 19 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO B.O.B. IN 13 MINUTES.
 2nd Open: BLOW INCREASED TO 8 1/2".

Recovered _____ ft. of TOTAL RECOVERED FLUID: 130'
 Recovered 40 ft. of SOC WCM 4" OIL, 28" WTR, 68" MUD
 Recovered 90 ft. of MW 72" WTR, 28" MUD
 Recovered _____ ft. of 570' GAS IN PIPE

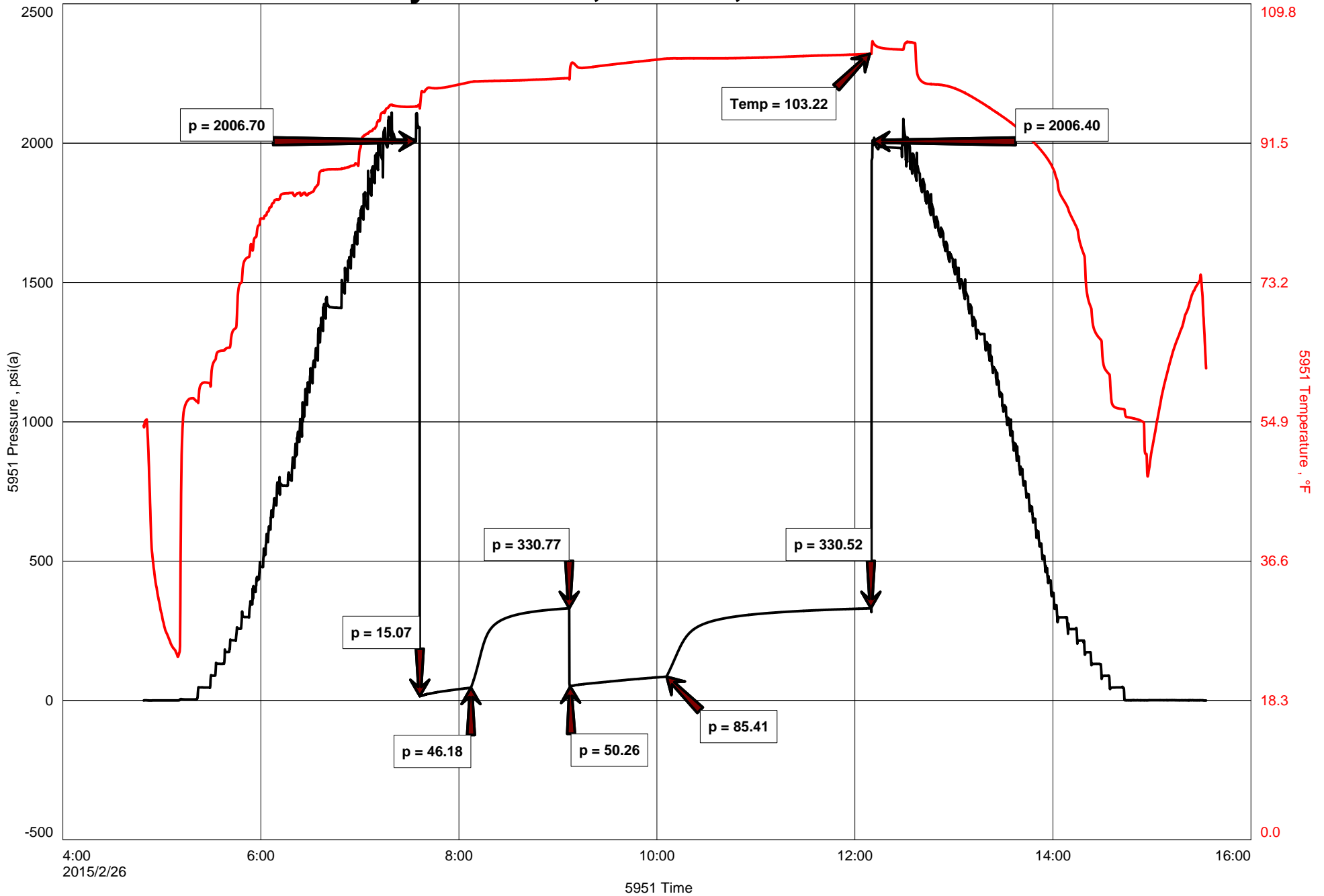
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>CHLORIDES: 55,000 PPM</u> <u>RW: .14-2 @ 70°F</u> <u>PH: 8.0</u>	<u>JARS & JOINT</u> <u>50 MRT (G.C.)</u>
	Total

Time Set Packer(s) 7:38 ^{A.M.}/_{P.M.} Time Started Off Bottom 12:08 ^{A.M.}/_{P.M.} Maximum Temperature 103°F

Initial Hydrostatic Pressure..... (A) 2007 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 46 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 331 P.S.I.
 Final Flow Period..... Minutes 60 (E) 50 P.S.I. to (F) 85 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 331 P.S.I. Thanks!
 Final Hydrostatic Pressure..... (H) 2006 P.S.I. Jake Fahrenbruch

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Bailey OE #2-27, DST #3, Marmaton "B"





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAILEY2DST3

TIME ON: 04:49
TIME OFF: 15:34

Company Berexco LLC Lease & Well No. Bailey OE #2-27
Contractor Beredco LLC Rig #1 Charge to Berexco LLC
Elevation 2953' KB Formation Marmaton "B" Effective Pay _____ Ft. Ticket No. F379
Date 2/26/15 Sec. 27 Twp. 22s S Range 34w W County Finney State KANSAS
Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 4276 ft. to 4295 ft. Total Depth 4295 ft.
Packer Depth 4271 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Packer Depth 4276 ft. Size 6 3/4 in. Packer depth ----- ft. Size 6 3/4 in.
Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4254 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4277 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 52 (3.5# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,300 P.P.M. Drill Pipe Length 3,624 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&J, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 19 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow increased to B.O.B. in 13 minutes. No blowback.
2nd Open: Blow increased to 8.5". No blowback.

Recovered _____ ft. of TOTAL RECOVERED FLUID: 130'
Recovered 40 ft. of SOCWCM 4% oil, 28% wtr, 68% mud
Recovered 90 ft. of MW 72% wtr, 28% mud
Recovered _____ ft. of 570' GAS IN PIPE

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Chlorides: 55,000 PPM</u>	Insurance
<u>RW: .14 ohm @ 70 Deg F</u>	
<u>PH: 8.0</u>	Total

Time Set Packer(s) 7:38 AM A.M. P.M. Time Started Off Bottom 12:08 PM A.M. P.M. Maximum Temperature 103 F

Initial Hydrostatic Pressure..... (A) 2007 P.S.I.
Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 46 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 331 P.S.I.
Final Flow Period..... Minutes 60 (E) 50 P.S.I. to (F) 85 P.S.I.
Final Closed In Period..... Minutes 120 (G) 331 P.S.I.
Final Hydrostatic Pressure..... (H) 2006 P.S.I.

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DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

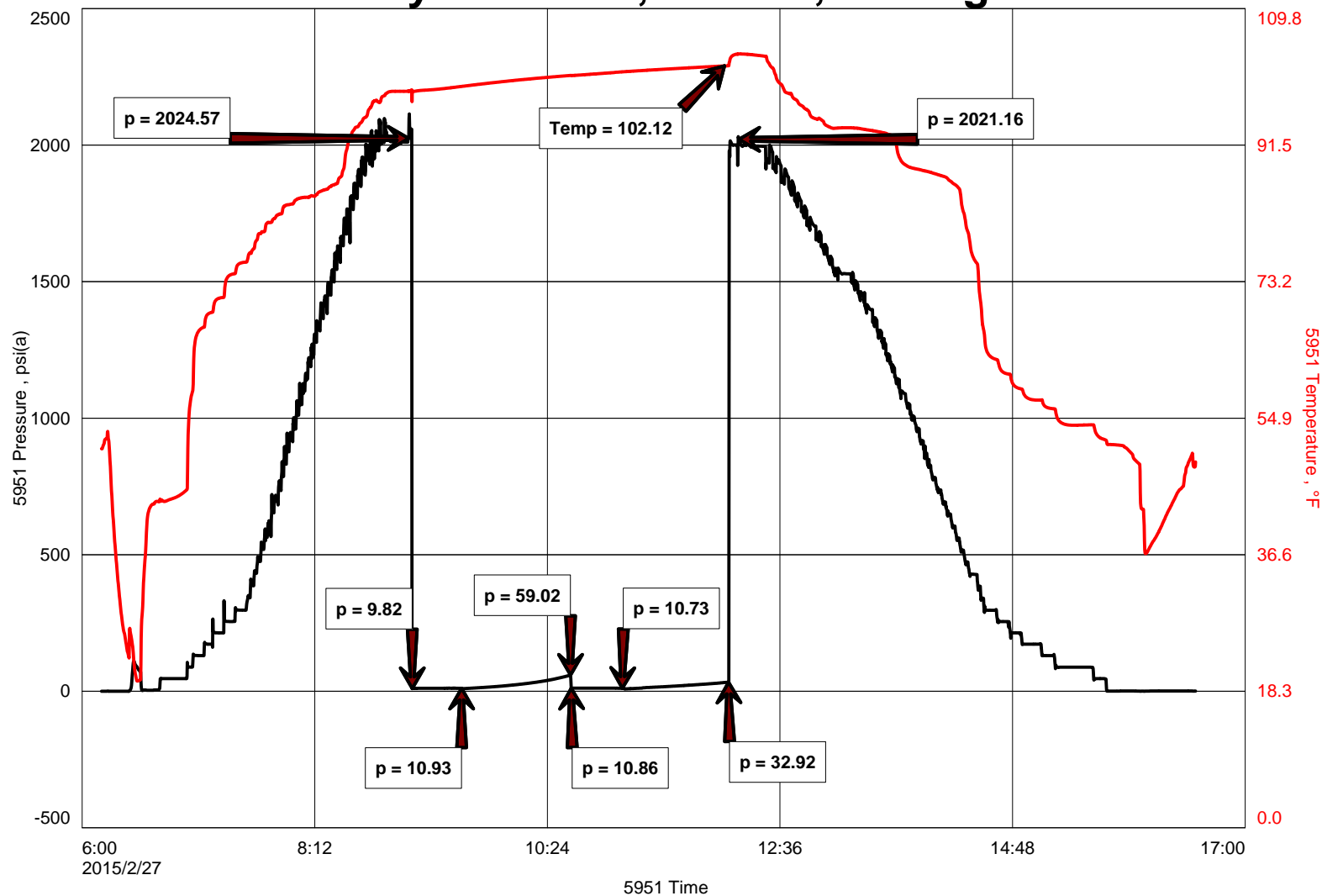
Well Name	Bailey OE #2-27
Company Name	Berexco LLC
Formation	Novinger 4307'-4325'
Test Type	Bottom-Hole DST w/J&J
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/02/27
Start Test Time	06:11:00
Final Test Date	2015/02/27
Final Test Time	16:33:00
Job Number	F380
Contact	Evan Mayhew
Site Contact	Ed Grieves

TEST RESULTS

Initial flow, surface blow, increased to .25", dead after 15 minutes.
Final flow, no blow.

Recovered 5' of drilling mud.

Bailey OE #2-27, DST #4, Novinger





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY2DST4

ON LOCATION:	<u>05:50</u>
START RECORDERS:	<u>06:11</u>
STOP RECORDERS:	<u>16:33</u>

Company BEREXCO LLC Lease & Well No. BAILEY OE #2-27
 Contractor BEREXCO LLC RIG #1 Charge to BEREXCO LLC
 Elevation 2953' KB Formation NOVINGER Effective Pay _____ Ft. Ticket No. F380
 Date 2-27-15 Sec. 27 Twp. 22S Range 34W County FANNING State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 4 Interval Tested from 4307 ft. to 4325 ft. Total Depth 4325 ft.
 Packer Depth 4302 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4307 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4280 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4308 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 44 (4" LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3300 P.P.M. Drill Pipe Length 3655 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 45 J & J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 18 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" X H. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, inc to 1/4", dead in 15 min
 2nd Open: No blow

Recovered 5 ft. of DRILLING MUD 100" mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

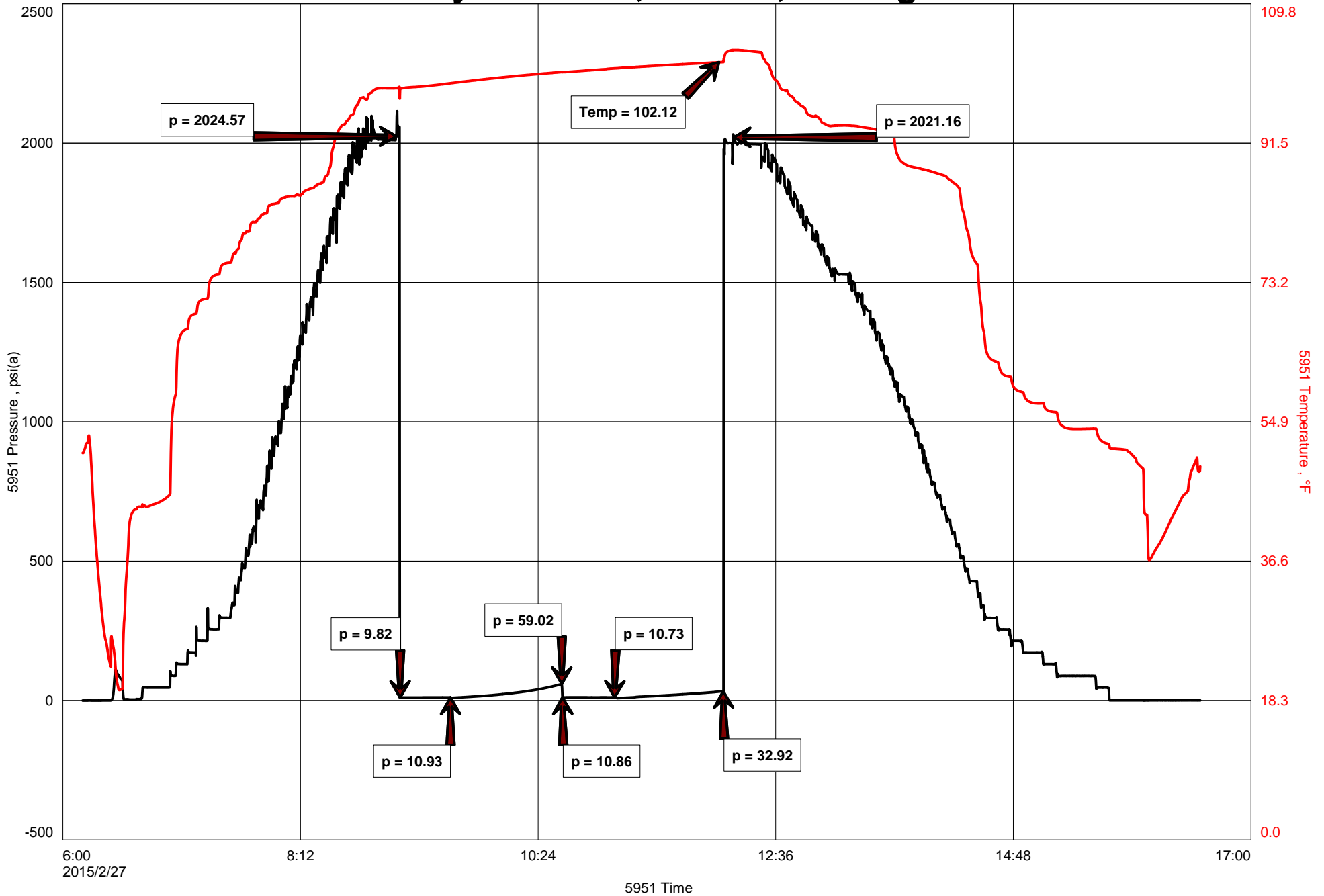
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	<u>JARS & JOINT</u>
	<u>50 MRT (G.C.)</u>
	Total

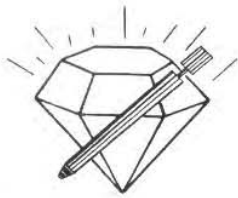
Time Set Packer(s) 9:10 ^{AM} P.M. Time Started Off Bottom 12:10 ^{AM} P.M. Maximum Temperature 102 °F

Initial Hydrostatic Pressure..... (A) 2025 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 11 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 59 P.S.I.
 Final Flow Period..... Minutes 30 (E) 11 P.S.I. to (F) 11 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 33 P.S.I. Thanks!
 Final Hydrostatic Pressure..... (H) 2021 P.S.I. Jake Fahrenbruch

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Bailey OE #2-27, DST #4, Novinger





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAILEY2DST4

TIME ON: 06:11
TIME OFF: 16:33

Company Berexco LLC Lease & Well No. Bailey OE #2-27
Contractor Beredco LLC Rig #1 Charge to Berexco LLC
Elevation 2953' KB Formation Novinger Effective Pay _____ Ft. Ticket No. F380
Date 2/27/15 Sec. 27 Twp. 22s S Range 34w W County Finney State KANSAS
Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 4 Interval Tested from 4307 ft. to 4325 ft. Total Depth 4325 ft.
Packer Depth 4302 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4307 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4280 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4308 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 44 (4# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,300 P.P.M. Drill Pipe Length 3,655 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&J, Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 18 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to .25", dead in 15 minutes.
2nd Open: No blow.

Recovered <u>5</u> ft. of <u>Drilling Mud</u>	
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) 9:10 AM A.M. P.M. Time Started Off Bottom 12:10 PM A.M. P.M. Maximum Temperature 102F

Initial Hydrostatic Pressure..... (A) 2025 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 59 P.S.I.
Final Flow Period..... Minutes 30 (E) 11 P.S.I. to (F) 11 P.S.I.
Final Closed In Period..... Minutes 60 (G) 33 P.S.I.
Final Hydrostatic Pressure..... (H) 2021 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.

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	Bailey OE #2-27
Company Name	Berexo LLC
Formation	Fort Scott 4364'-4390'
Test Type	Bottom-Hole DST w/J&J
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/02/28
Start Test Time	14:31:00
Final Test Date	2015/03/01
Final Test Time	01:10:00
Job Number	F381
Contact	Evan Mayhew
Site Contact	Ed Grieves

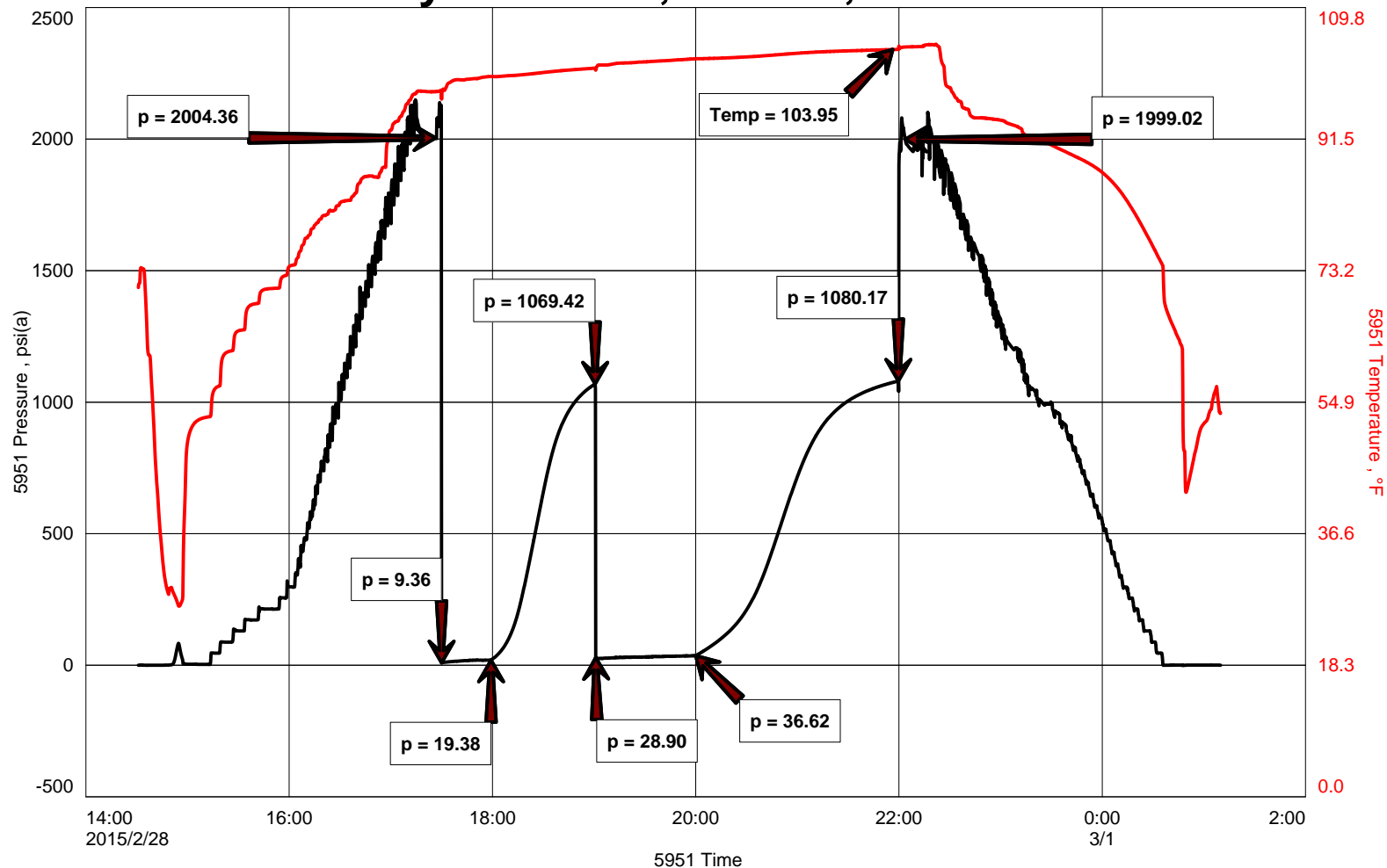
TEST RESULTS

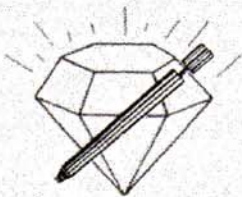
Initial flow, blow increased to 2".
Final flow, blow increased to 6", no blowback.

Recovered:

60' GCHOCM 10% gas, 30% oil, 60% mud
----- 150' Gas In Pipe

Bailey OE #2-27, DST #5, Fort Scott





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BATLEY 2 DST5

ON LOCATION: 11:00
 START RECORDERS: 14:31
 STOP RECORDERS: 01:10

Company BEREXCO LLC Lease & Well No. BATLEY OE #2-27
 Contractor BEREXCO LLC REG #1 Charge to BEREXCO LLC
 Elevation 2953' KB Formation FORT SLOTT Effective Pay _____ Ft. Ticket No. F381
 Date 2-28-15 Sec. 27 Twp. 22 S Range 34 W County FENNEY State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 5 Interval Tested from 4364 ft. to 4390 ft. Total Depth 4390 ft.
 Packer Depth 4359 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4364 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4342 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4365 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 (4" LGM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3100 P.P.M. Drill Pipe Length 3712 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 JJJ Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 26 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO 2"
 2nd Open: BLOW INCREASED TO 6". NO BLOWBACK.

Recovered 60 ft. of GC HVY OCM 10" GAS, 30" OIL, 60" MUD
 Recovered _____ ft. of 150' GAS IN PIPE
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

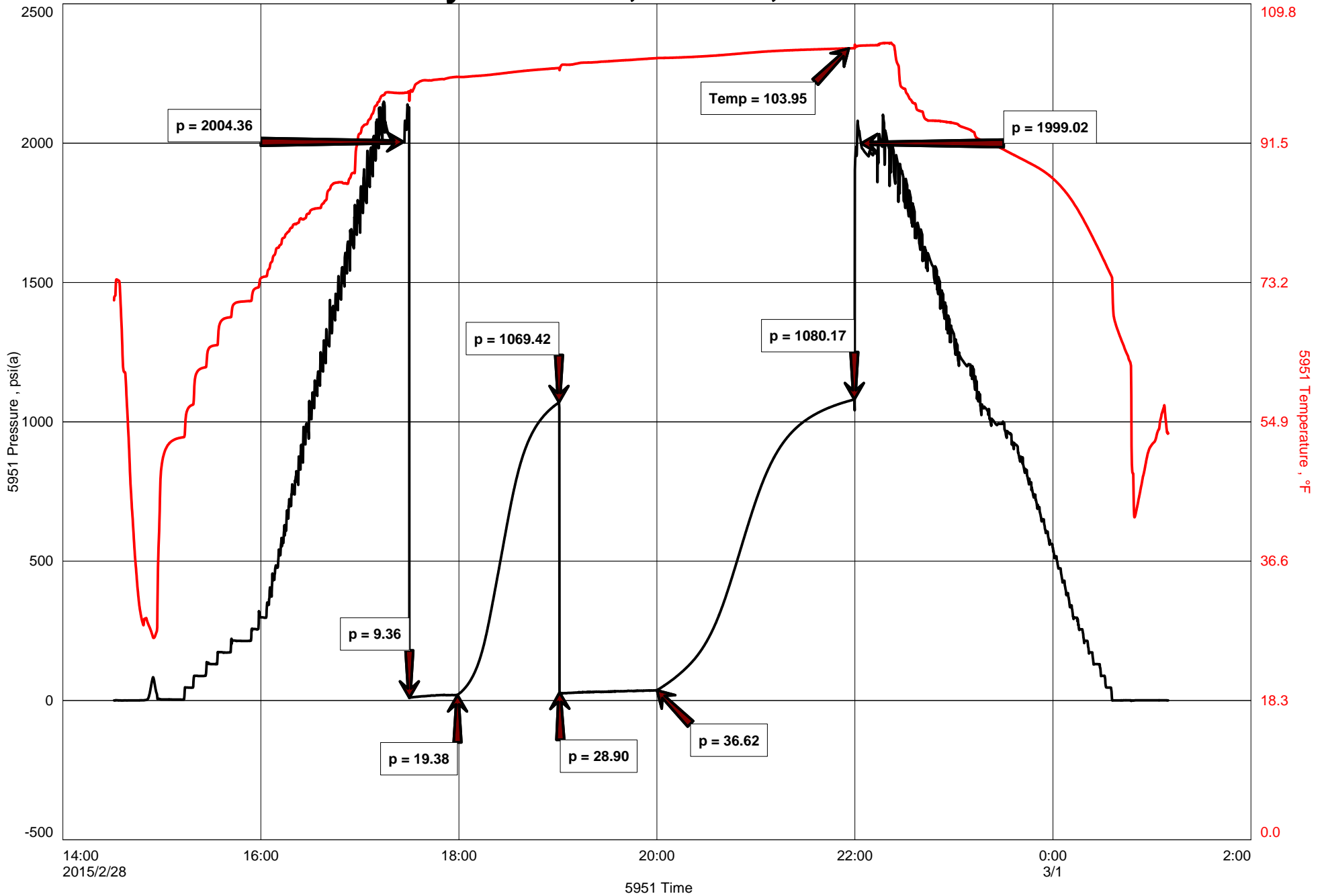
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	<u>JJJ</u>
	<u>100 MRT (G.C.)</u>
	Total

Time Set Packer(s) 5:30 ^{AM} P.M. Time Started Off Bottom 10:00 ^{AM} P.M. Maximum Temperature 104°F

Initial Hydrostatic Pressure..... (A) 2004 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 19 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 1069 P.S.I.
 Final Flow Period..... Minutes 60 (E) 29 P.S.I. to (F) 37 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 1080 P.S.I. THANK YOU!
 Final Hydrostatic Pressure..... (H) 1999 P.S.I. JAKE FAHRENBRUCH

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Bailey OE #2-27, DST #5, Fort Scott





DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY2DST5

TIME ON: 14:31
 TIME OFF: 01:10

Company Berexco LLC Lease & Well No. Bailey OE #2-27
 Contractor Beredco LLC Rig #1 Charge to Berexco LLC
 Elevation 2953' KB Formation Fort Scott Effective Pay _____ Ft. Ticket No. F381
 Date 2/28/15 Sec. 27 Twp. 22s S Range 34w W County Finney State KANSAS
 Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 5 Interval Tested from 4364 ft. to 4390 ft. Total Depth 4390 ft.
 Packer Depth 4359 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4364 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4342 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4365 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 50 (4# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3,100 P.P.M. Drill Pipe Length 3,712 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5 J&J Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 26 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Blow increased to 2"
 2nd Open: Blow increased to 6", no blowback.

Recovered 60 ft. of GCHOCM 10% gas, 30% oil, 60% mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>150' GAS IN PIPE</u>	Insurance
_____	Total

Time Set Packer(s) 5:30 PM A.M. P.M. Time Started Off Bottom 10:00 PM A.M. P.M. Maximum Temperature 104 F

Initial Hydrostatic Pressure..... (A) 2004 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 19 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 1069 P.S.I.
 Final Flow Period..... Minutes 60 (E) 29 P.S.I. to (F) 37 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 1080 P.S.I.
 Final Hydrostatic Pressure..... (H) 1999 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.

DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

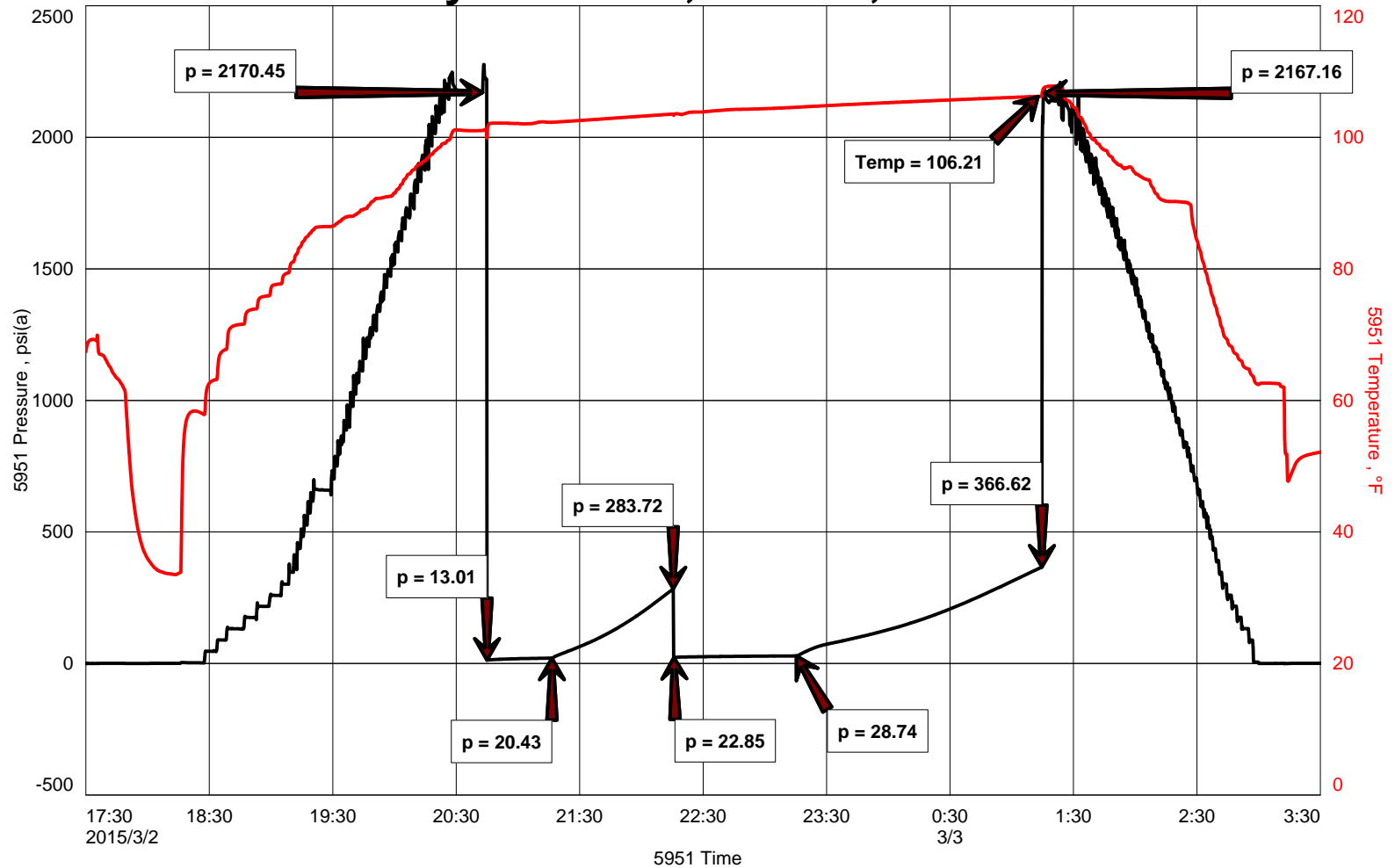
Well Name	Bailey OE #2-27
Company Name	Berexo LLC
Formation	Morrow 4592'-4670'
Test Type	Bottom-Hole DST w/J,J,ShPkr
Surface Location	Sec 27-22s-34w-Finney Co.-KS
KB Elevation (SL)	2953.000
Gauge Name	5951
Start Test Date	2015/03/02
Start Test Time	17:30:00
Final Test Date	2015/03/03
Final Test Time	03:39:00
Job Number	F382
Contact	Evan Mayhew
Site Contact	Ed Grieves

TEST RESULTS

Initial flow, weak blow, increased to 1.5".
Final flow, weak surface blow throughout flow period.

Recovered 30' of SOSM: <1% oil, >99% mud

Bailey OE #2-27, DST #6, Morrow





DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: BAILEY2DST6

ON LOCATION:	<u>15:30 3-2</u>
START RECORDERS:	<u>17:30</u>
STOP RECORDERS:	<u>03:39 3-3</u>

Company BEREXLO LLC Lease & Well No. BAILEY OE #2-27
 Contractor BEREDLO LLC RIG #1 Charge to BEREXLO LLC
 Elevation 2953' KB Formation MORROW Effective Pay _____ Ft. Ticket No. F382
 Date 3-3-15 Sec. 27 Twp. 22s Range 34 w County FINNEY State KANSAS
 Test Approved By ED GRIEVES Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 6 Interval Tested from 4592 ft. to 4670 ft. Total Depth 4670 ft.
 Packer Depth 4587 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4592 shpk ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4570 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 4595 ft. Recorder Number 5584 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 48 (4*LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 3000 P.P.M. Drill Pipe Length 3940 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #5JJ, SH PKR Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 78 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2" XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: BLOW INCREASED TO 1 1/2"
 2nd Open: WEAK SURFACE BLOW THROUGHOUT FLOW PERIOD.

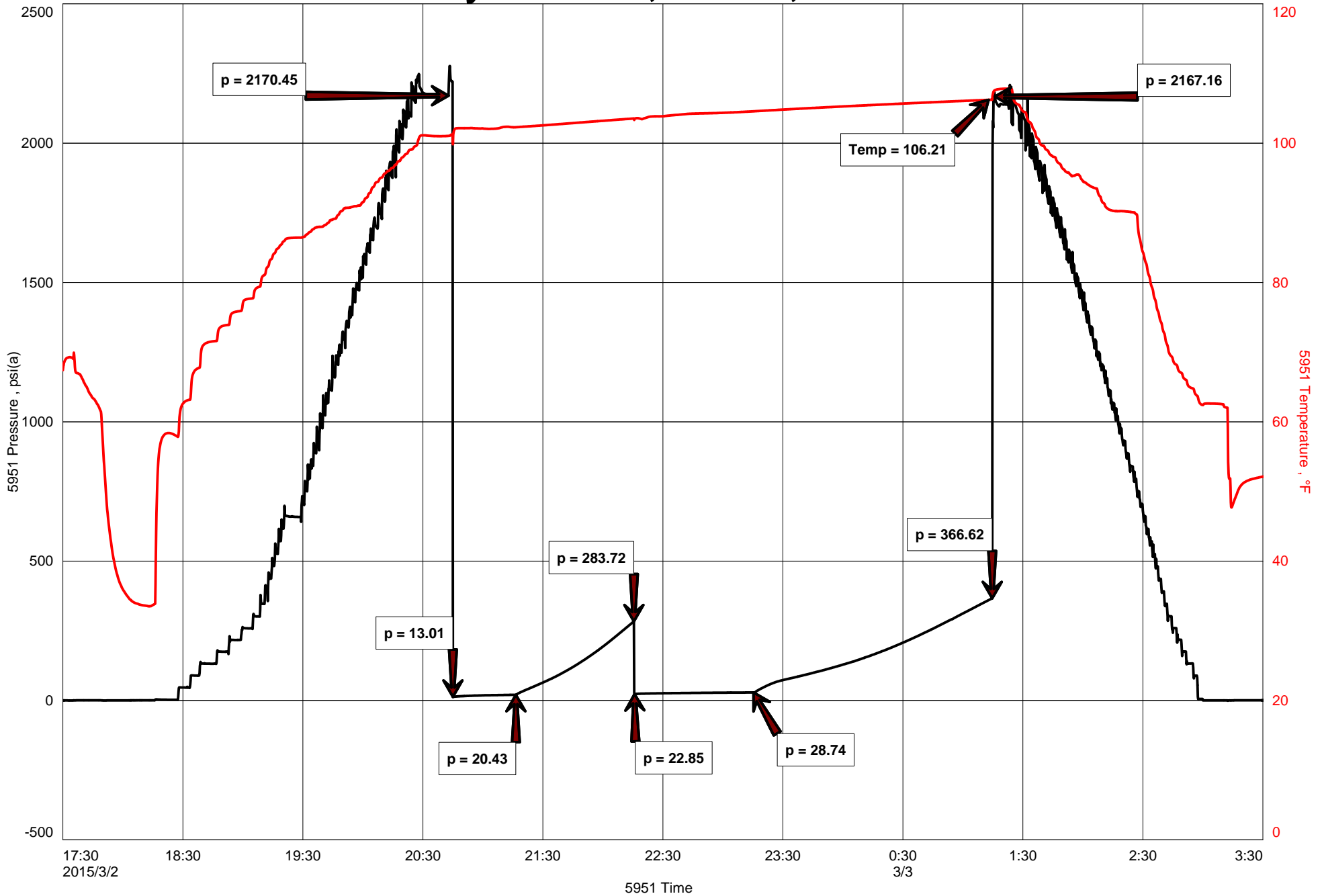
Recovered 30 ft. of SOSM <1" oil, >98% mud

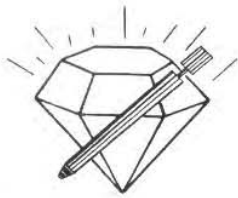
Recovered _____ ft. of _____	Price Job Other Charges <u>JAR, JNT, SH PKR</u> <u>50 MRT (G.C.)</u> Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

Time Set Packer(s) 8:45 ^{AM}/_{PM} Time Started Off Bottom 1:15 ^{AM}/_{PM} Maximum Temperature 106°F
 Initial Hydrostatic Pressure..... (A) 2170 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 20 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 284 P.S.I.
 Final Flow Period..... Minutes 60 (E) 23 P.S.I. to (F) 29 P.S.I.
 Final Closed In Period..... Minutes 120 (G) 367 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 2167 P.S.I. Jacob [Signature]

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Bailey OE #2-27, DST #6, Morrow





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: BAILEY2DST6

TIME ON: 17:30 3-2
TIME OFF: 03:39 3-3

Company Berexco LLC Lease & Well No. Bailey OE #2-27
Contractor Beredco LLC Rig #1 Charge to Berexco LLC
Elevation 2953' KB Formation Morrow Effective Pay _____ Ft. Ticket No. F382
Date 3-3-15 Sec. 27 Twp. 22s S Range 34w W County Finney State KANSAS
Test Approved By Ed Grieves Diamond Representative Jake Fahrenbruch

Formation Test No. 6 Interval Tested from 4592 ft. to 4670 ft. Total Depth 4670 ft.
Packer Depth 4587 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4592 SH ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4570 ft. Recorder Number 5951 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4595 ft. Recorder Number 5584 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 48 (4# LCM) Drill Collar Length 619 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 3,940 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 J&J, ShPkr Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 78 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{14' PERF IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Weak blow, increased to 1.5"
2nd Open: Weak surface blow throughout flow period.

Recovered <u>30</u> ft. of <u>SOSM</u>	<u><1% oil, >99% mud</u>
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) 8:45 PM A.M. P.M. Time Started Off Bottom 1:15 AM A.M. P.M. Maximum Temperature 106 F
Initial Hydrostatic Pressure..... (A) 2170 P.S.I.
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 20 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 284 P.S.I.
Final Flow Period..... Minutes 60 (E) 23 P.S.I. to (F) 29 P.S.I.
Final Closed In Period..... Minutes 120 (G) 367 P.S.I.
Final Hydrostatic Pressure..... (H) 2167 P.S.I.

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