



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1076164

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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Leysa SWD 1
Doc ID	1076164

All Electric Logs Run

Geological Log
Sector Bond / Gamma Ray Log
Dual Induction Log
Dual Compensated Porosity Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Leysa SWD 1
Doc ID	1076164

Tops

Name	Top	Datum
Heebner	3694	-2340
Lansing	4297	-2943
Cherokee	4702	-3348
Mississippian	4766	-3412
Kinderhook	4935	-3581
Viola	5148	-3794
Simpson	5238	-3884
Simpson Sand	5267	-3913
Arbuckle	5436	-4082
Total Depth	6265	-4911

60

SAME AS ABOVE

80

SILT. PRE. LT GR. W. CONS. SILT. AT
ABOVE W. V. / M. AS ABOVE

3600

SILT. LT GR. W. SANDY SILT. W. MED. TO
DK GR. GR. GRN. & TR. BLK. SH.

20

SAME W. CO. GR. & GR. GRN. SH.

40

SILT. MED. TO DK GR. GR. GRN. TR. GRN. &
BLK. SH. W. SILT. JUST ABOVE

60

SH. AS ABOVE W. CONS. LT GR. & TR. BLK. SH.
W. ENCRUSTED SILT. & SILT. AS ABOVE

80

SH. MED. TO DK GR. GR. GRN. TR. GRN. PLUS
V. COAT. BLK. (CARB.) SM. - COAT. COAT. AS ABOVE

HEEBNER

3696

-2342

3700

SH. BLK. TO BN. BLK. CARB. PLUS W. COAT.
BLK. LT GR. & TR. EN. XIN. SH. CHLKY. TO
DENSE. HARD. LM.

20

LM. & SH. AS ABOVE

40

LM. AS ABOVE PLUS SCOT. BRN. EN. XIN.
DENSE. HARD. LM. STILL SILT. AS ABOVE W.
DARK BLK. (PRE) CARB. SH.

60

SH. MED. TO DK GR. GRN. GR. GRN. & TR. BLK. SH.
BLK. & SM. TAN. EN. XIN. SILT. EN. TO DENSE.
HARD. LM.

80

LM. CRD. BLK. GR. & TR. TAN. EN. XIN. SILT.
CHLKY. TO BRN. DENSE & HARD. PLUS MED.
MED. GR. GR. GRN. & TR. BLK. SH.

3800

20

40

60

80

3900

20

40

60

80

4000

20

40

SAME BECOMING PRD SH

SH-MED GRV. SM GRV-CRN & BLK W SCAT LM
AS ABOVE

SH-MED GRV. SM GRV-CRN TP SILTY

SH-MED GRV. SM GRV-CRN & BLK W SCAT
LM AS ABOVE

SAME W SCAT LT GRV. SILTY SILT

SH-MED GRV. V SLT GRV-CRN IN PART

SH-PRD MED GRV & V SLT SILTY

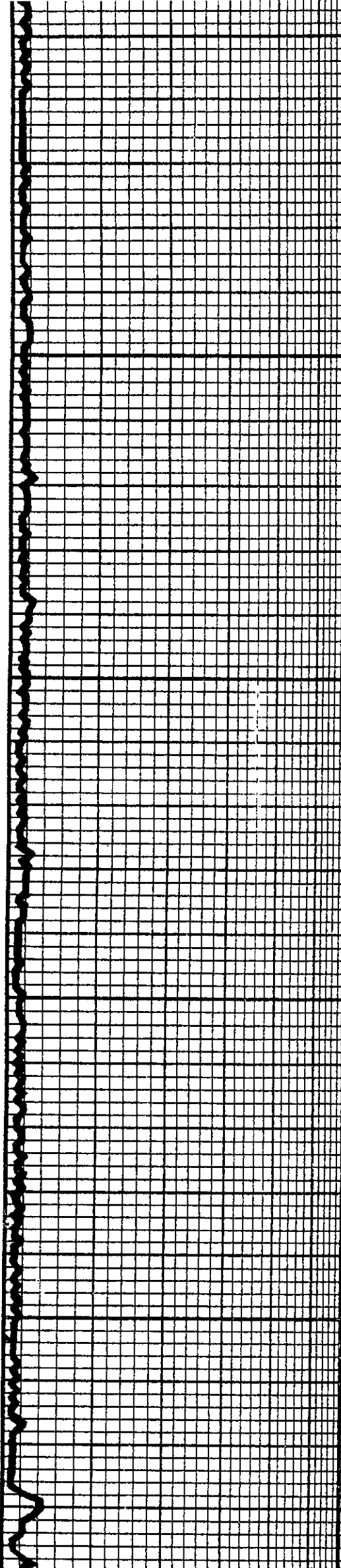
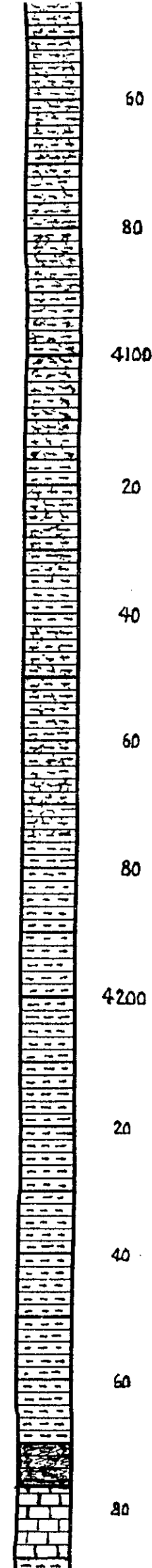
SAME AS ABOVE W CRTM. BUFF GRV & TAN
EN IN SILT-CHUCKY TO DENSE HARD LM

SAME IN V. SCAT LM AS ABOVE W V. SCAT
BLK CRN IN PART SH

SH & LM AS ABOVE

SH LT. MED & SM GRV. V. SLT SILTY IN
PART W TR LM AS ABOVE

SH-MED GRV & SM GRV-CRN GRADING
TO LT GRV. SILTY. HARD SILT



SILT - LT GRAY BLK SPK'D, SIL MICA W SCAT
MED TO DK GRY SH

SILT AS ABOVE BECOMING V FINE GRAINED
SILT IN PART - IN S. - STILL SH AS ABOVE

SILT, SDST & SH AS ABOVE

SILT - LT & MED GRY GRADUALLY TO MED
GRY SILTY SH & SH

SH MED TO DK GRY IN SILTY - SH OR SILTY
SILT & TR BLK SH

SH MED TO DK GRY V SILTY

SH AS ABOVE W TR LT & MED GRY (MIXED
IN PART) SILT

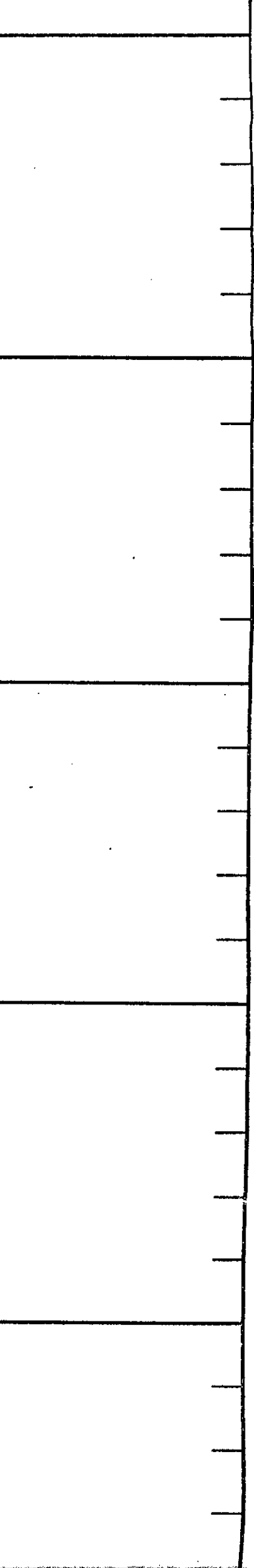
SH AS ABOVE

SH MED TO TR DK GRY

SH AS ABOVE IN TR BLK SH

SH AS ABOVE

SH BLK & DK GRY, CARB, P. ILL. CRIN. BUDD
GRY. TAN & BRN. FAL. IN SUB - FIN. V. TO
DENSE, HARD LIM.



4300

2944

1M. CRM. BLUE GRAY TAN & BRN. EN. VIAL
SUR-CHLKY TO MED DENSE & HARD W/AFD
TO DR GRAY & BK. CARB. SH

20

1M. BLUE GRAY & TAN. EN. VIAL SUR-
CHLKY TO DENSE & HARD

40

1M. AS ABOVE PLUS TP W/ CHLKY 1/2 W
LT GRAY FRESH SUR-TRANSI TO DR GRAY

60

1M. CRM. BLUE GRAY TAN & BRN. EN. VIAL
SUR-CHLKY TO DENSE & HARD W/ V. SCAT LT
GRAY TAN. FRESH SUR-TRANSI TO DR GRAY
DR GRAY & BK. SH

80

1M AS ABOVE

4400

1M. AS ABOVE. PREP BLUE W/ V. SCAT LT GRAY
& TAN. FRESH PREP SUR-TRANSI. SURP. KURT
BLUE SCAT DR GRAY & BK. (CARB.) SH

20

STARK 4428

3074

1M. CRM. BLUE GRAY TAN & BRN. EN. VIAL SUR-
CHLKY TO DENSE & HARD PLUS SCAT BK.
CARB. SH

40

1M. BLUE TAN & BRN. EN. VIAL DENSE & HARD
W/ SCAT CRM. SUR-CHLKY PLUS MED GRAY
GRAY-CRM & BK (PREP CARB.) SH

HUSHPICKNEY 4454

3100

60

SH-BL V. CARB. PLUS W/ CRM. LT GRAY /
SM. BLUE. EN. VIAL SUR-CHLKY TO DENSE &
HARD 1M

80

1M. CRM. BLUE GRAY TAN & BRN. EN. VIAL
SUR-CHLKY TO DENSE & HARD W/ SCAT
SH AS ABOVE

BASE K.C. 4498

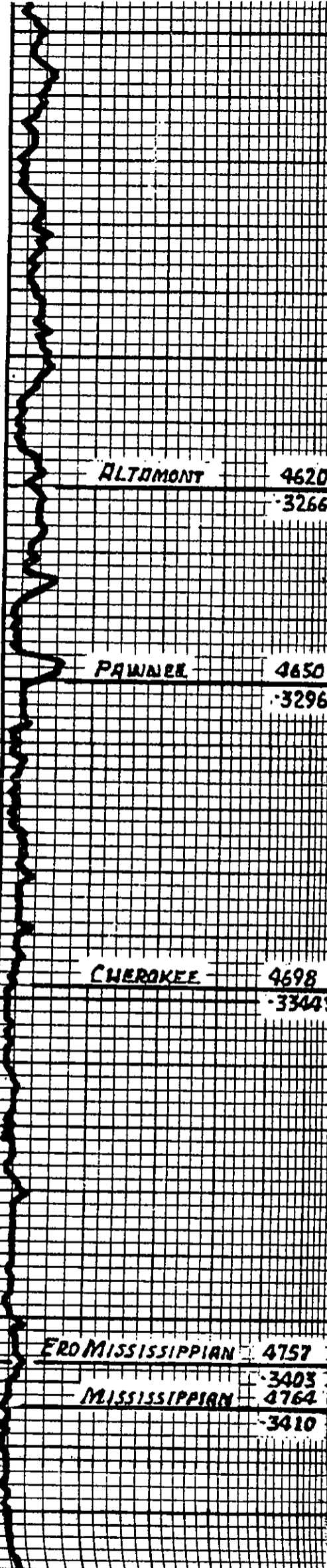
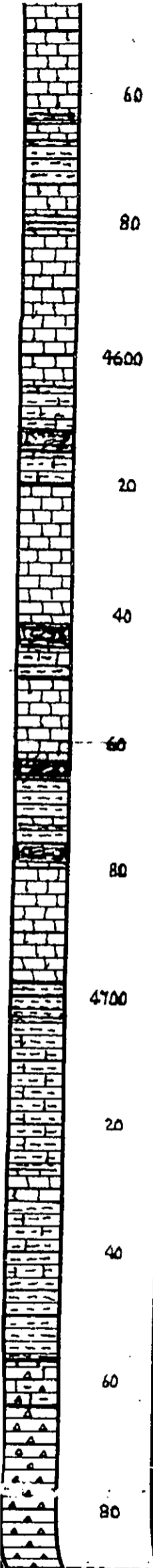
3139

4500

1M. SH AS ABOVE W/ SCAT BK. CARB.
SH

20

SH. MED TO DR GRAY GRAY-CRM. GRAY & BK
(CARB.) W/ CRM. BLUE. ART. TAN. BR. SH
SUR-CHLKY TO PREP DENSE & HARD 1M



101 AS ABOVE

1M-CPM BLUE GRAY TON. FAIXIN. SUB-
CHLVY TO DENSE. HARD PILL IN AS ABOVE

1M AS ABOVE - STILL CONS EN AS ABOVE

100-CPM BLUE GRAY TON. BRN. FAIXIN.
SUB-CHLVY TO DENSE. HARD PILL TEST
GEN. GRAY BLK COAR IN PART SU

ALTAMONT 4620
-3266

SAME AS ABOVE

1M-CPM BLUE LT GRAY TON. BRN. FAIXIN.
SUB-CHLVY TO DENSE. HARD W. BLK. GEN.
T GRAY SU

PAWNEE 4650
-3296

SH. BLK (CARB) GRAY GEN W IN AS ABOVE

1M AS ABOVE. PRED DENSE. HARD PILL
TEST BLK (CARB) SU

CHEROKEE 4698
-3344?

1M-CPM BLUE GRAY TON. BRN. FAIXIN.
SUB-CHLVY TO DENSE. HARD W. SCOT. MED.
TO DK GRAY GRAY GEN. BLK COAR IN PART SU

SH AS ABOVE W CONS IN AS ABOVE

SH. LT GEN. W. MED TO DK GRAY. BLK. LT
MAR. RED W IN AS ABOVE

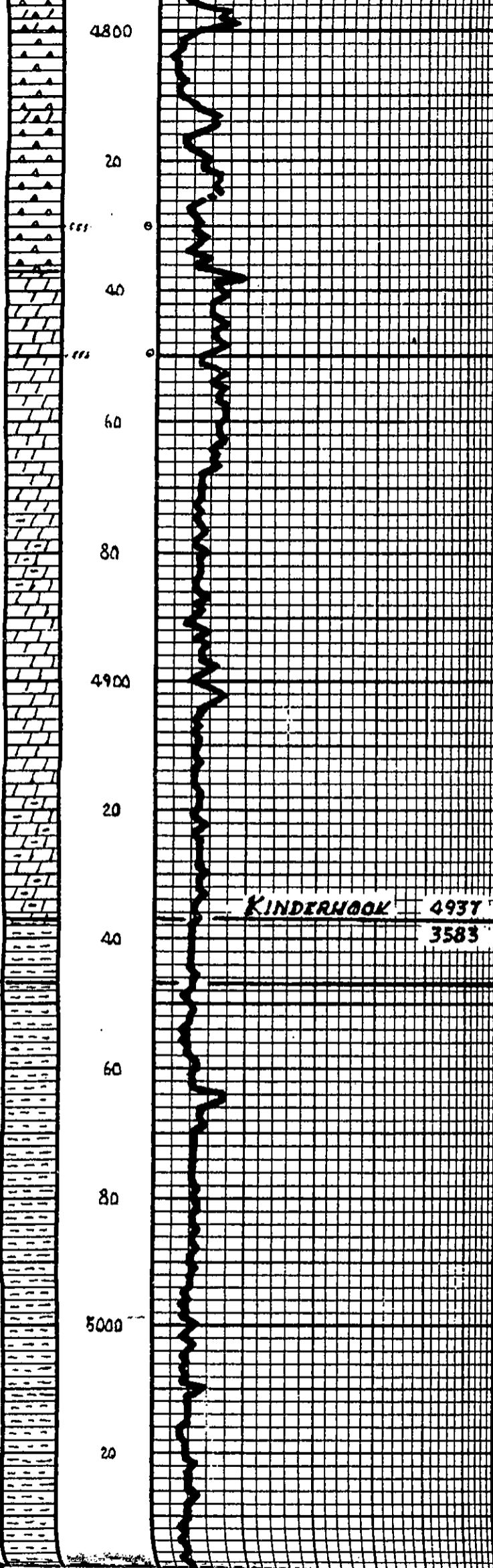
SH AS ABOVE W CONS. GEN. MAR. L. RED
SH. W. SCOT. MED AS ABOVE

FROM MISSISSIPPIAN 4757
-3403

MISSISSIPPIAN 4764
-3410

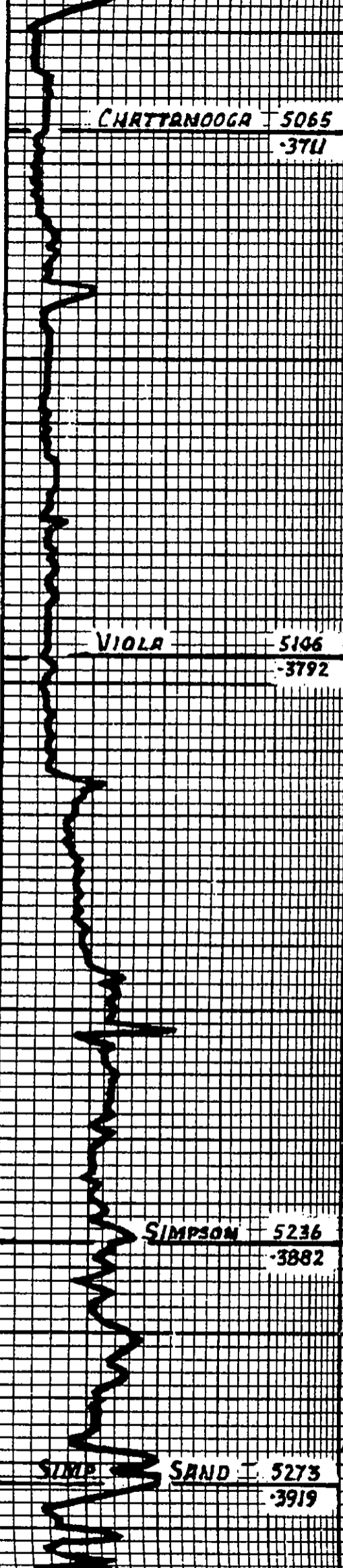
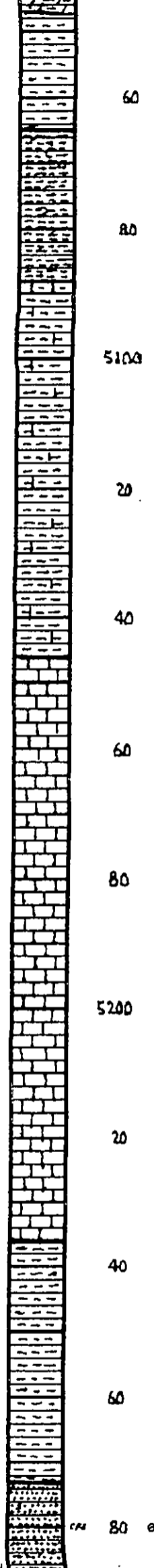
CHRT. W. GR. CR. LT GRAY. FRESH. SHARP TO
DEVT. EDGES (BRN. L. GRAY. STN. IN. FOR) SCOT. EDG.
W. GRAY. BRN. STN. ON. EDG. EDGES. PILL. FEW
PIECES. W. POOR TO FAIR. W. GRAY. FOR. W. TON. L.
L. BRN. STN. W. GRAY. BRN. STN. L. BRN.
DROPPLET. L. OIL. - IN. GRAY. ODR.

CHRT. LT. GRAY. FRESH. SHARP. SUB. FRAG. W. W. L. L.
FOR. ODR. FRESH. CHRT. SH. GRAY. RIBBLES. IN
W. GRAY. ODR. W. GRAY. ODR. L. GRAY. ODR. L.
ODR. L. OIL. DROPLETS. - FAIR. ODR.



FINE... PLUS FOR DENIC... DOOR FOR...
 FENIDIL...
 (GAS) (60 MIN) ENDY...
 DASH...
 CHAT...
 ST...
 CR...
 P...
 & TR...
 CH...
 INTER...
 OIL...
 CR...
 (GAS) SCOT...
 DASH...
 INTER...
 DASH...
 DASH...
 INTER...
 PRO...
 DASH...
 TR...
 TR...
 SAME...
 SAME...
 SAME...
 TR...
 TR...
 SAME...
 TR...

KINDERHOOK 4937
 3583



CHATTANOOGA 5065
-3711

VIOLA 5106
-3792

SIMPSON 5236
-3882

SIMP SAND 5273
-3919

DATA - SHAS ABOVE

SH. DOL. IN PART. BLK & BRNISH-BLK.
CARB. SCAT. PIECES IN SPACES.

SAME AS ABOVE

SH. AS ABOVE (SCAT. PIECES IN SPACES).
PLAS. CRIM. LT. GRAY. FIN. XIN. TR. CHUKY.
V. SUB-CHUKY. TURB. OIL. PLUS MED.
GRY. & BLUE-GRY. & SOL. LT. GRAY (SOFT &
MURKY) SH.

PRED. SH. AS ABOVE. W. V. SCAT. L.M. AS
ABOVE.

SH. AS ABOVE. W. FEW. PIECES. WH. CRIM.
LT. GRAY & BLUE. FIN. XIN. SUB-CHUKY TO
DENSE. HARD. LM.

1M. WH. CRIM. BLUE & TR. FIN. XIN. CHUKY
(SUB-CHUKY TO SCAT. DENSE & HARD
PILES. TAN. FRESH. SUB-TRANS. TO ODD
(OIL) CRIM. W. TINY DK. SP. 'S)

SP. NOT REPRESENTATIVE - (OIL SH. 'S
/ M. SOFT & SILTY)

SAME AS ABOVE

1M. CRIM. BLUE. GRAY. TR. FIN. XIN. SUB-
CHUKY TO DENSE & HARD

SH. MED. TO DK. GRAY. BLUE. BLK. & GRN. W.
EN. W. EN. GRAINED. LT. TO MED. GRAY. TO ODD.
TYPE SOFT

SH. AS ABOVE. W. SOFT AS ABOVE. PART. TYPE TO
TR. POOR. INTER-GRAN. PAR. - N.T.

(SAND) SOFT. LT. GRAY & BLUE. FIN. TO MED. GRAIN.
COMP. HARD. SH. FINE. GR. FIN. CHUKY. TR. IN.
SCAT. FINE. (OIL) BARR. TO TINY TO
SMALL. LUSTICE. TO LINE. ALL. PROPERTIES. GEN.
GAL. BUBBLES. - MANY. ADHER. CLUSTERS.
FRINT. ODD?

SOFT. LT. GRAY. TR. WH. EN. GRAINED. SOFT
TO SCAT. HARD. PRED. BR. IN. FAIR. TO SH.
SOFT. MED. FROM. SAND.

5300

20

40

60

80

5400

20

40

60

80

5500

20

SILT. WH. F.M. LT GRAY & BLUE. FAIR TO V. FAIR GRAINED. SORT TO HARD. POOR TO V. FAIR TO GOOD INTER-GRAIN POR. N.S.

SH. MED. & V. GRAY. RIV. W. SCAT. COMB. QU. & TR. BRN.

SH. AT ABOVE. W. INCR. IN QU. & TR.

SH. QU. MED. TO DK. GRAY. GRAL. RIV. & MAR.

SH. QU. COM. & GRV. P. RIV. & MAR.

SILT. LT. GRAY. FAIR TO MED. SUR. QNG. TO SH. WELL. RAISED. PREC. COMB. & HARD. FAIR. FRI. SAND. CLUSTERS. NEAR. CLEAR. TO LT. GRAY. FAIR TO MED. GRAIN. PREC. SUR. BLENDED. GRAINS. FAIR. ALL. FILL. ON. SEV. CLUSTERS. TO QU. DR. PLATY. - NO. QU. DR.

SAND. SILT. COM. BLUE. LT. GRAY. & TR. BLUE. FAIR TO MED. GRAIN. PREC. COMB. & HARD. SANDY. FRI. BLENDED. COMB. HARD. POOR TO TR. FAIR. POR. N.S.

SAME IN V. SCAT. WH. F.M. GRAINED. SORT. POOR. POR. N.S. BLUE. MED. TO DK. GRAY. QU. & TR. COMB. & RIV. SH.

ARBUCKLE 5436

4082

DOL. LT. GRAY. TO DPK. TAN. & BRN. FAIR. IN. SM. SUCC. TEXT. PREC. V. DENSE. & HARD. W. CONS. SH. AT ABOVE.

DOL. LT. GRAY. (L. EN. YIN). BLUE. TAN. & BRN. EN. XLN. DENSE. & HARD. TO TR. INTER. XLN. POR. N.S.

DOL. SILT. LT. GRAY. TAN. & BRN. EN. YIN. DENSE. HARD. FEW. PIECES. W. BRN. SUCC. POR. N.S.

L.M. PARTLY DOL. BLUE. GRAY. & TAN. EN. YIN. GRAINED. TO V. SCAT. SANDY. DOL. DENSE. & HARD. & V. SCAT. CURT.

SAME IN SCAT. BRN. FAIR. IN. SUCC. DOL. IN. SM. RING. PT. INTER. XLN. & TR. V. POR. N.S.

DST No. 1 (5406-5420)

30-45-30-60

WEAK SURFACE BLOW. DEAD IN

12 MIN. (1ST OPEN)

NO BLOW. FINISHED TOOL. NO

HELP (2ND OPEN)

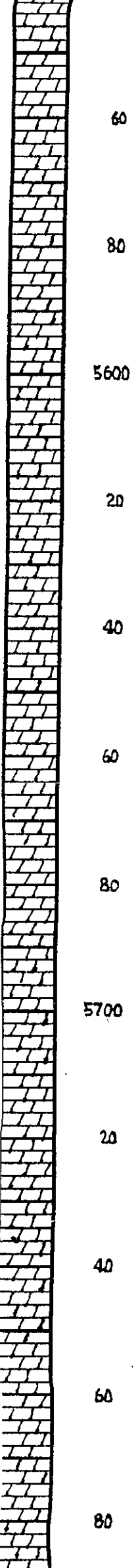
REC: 5' DRILLING MUD

15IP/1600# FSIP/1615#

1FP/28-33# FPP/33-35#

TEMP. = 130° F.





DOLA AS ABOVE

SAME IN COALS OOLITE & CONG. SH. BLUE GRAY
L. BLUE. EN. VIN. BOND DENSE. HARD. IN.

1 M. BARTIN DOLA. BLUE GRAY TRAIL. EN. VIN. SH.
EN. VIN. TR. SUCR. TEXT TO DENISE. HARD. IN.

DOLA. CONG. BLUE GRAY TRAIL. EN. VIN. SH.
FAIR INTER-VIN. & VUG. POR. N.S. BLUE TR.
IN AS ABOVE.

DOLA AS ABOVE

DOLA AS ABOVE IN SCOT. LT. GRAY BLUE
FRESH. SHIP. SUB-TRAIL. CURT.

DOLA & CURT. AT ARTUS.

DOLA. CONG. BLUE. LT. GRAY. SH. TRAIL. EN.
MET. VIN. DENSE. & HARD. IN. SCOT. INTER-
& VUG. POR. N.S.

DOLA. BLUE. LT. GRAY. TRAIL. EN. VIN. DENSE
& HARD. IN. V. SCOT. SUCR. INTER-VIN.
POR. N.S.

DOLA. BLUE. TRAIL. EN. VIN. SH. SUCR.
TEXT. BOND. DENSE. & HARD.

SOME AS ABOVE

DOLA. TRAIL. EN. VIN. SH. SUCR. TEXT. IN PART.
DENSE. & HARD. TR. TRAIL. BOND. FRESH. CURT.

DOLA. BLUE. GRAY. TRAIL. EN. VIN. SH. SUCR.
INTER-VIN. & VUG. POR. N.S.

5800

20

40

60

80

5900

20

40

60

80

6000

20

DOLA-AS ABOVE IN COLL MED TO BK GRY
GRY-GRN TO BLV & MAR SH

SH MED TO BK GRY CRALODIA, BLK, MAR &
RED ONLY TO DOLA AS ABOVE

DOLA-SLIT, MY, LT GRY & BLUE, BRK DENSE
& HARD IN CR, TAN & BRN, EN XLN SLI
SUCC. MINUTE TO VILGY IN SPG. BOB. P.P.
N.S.

DOLA-CRM. BLUE & TAN, EN. II EN XLN, V.
DENSE & HARD IN SH GRY & TAN FRESH
SUCC. CHRT

DOLA-CRM. BLUE & TAN, EN. V, EN XLN, V.
DENSE & HARD IN SCOT. CHRT. AS ABOVE

DOLA-BUFF, TAN & BRN, TE GRY, EN XLN.
DENSE & HARD - SCOT. RICE & W. BOB.
TO FAIR VILGY BOB. N.S.

DOLA AS ABOVE

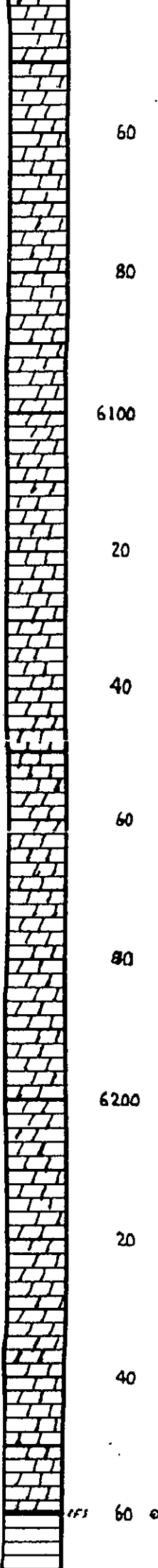
DOLA-CRM. BLUE, LT GRY & TAN, EN XLN.
DENSE & HARD - TR. PIECES BY WEATH. &
VILGY FAIR BOB. N.S.

DOLA-LT GRY & BLUE, ALL SCOT. MED XLN.
SH. INTER-XLN & VILGY. POK TO DENSE & HARD

SAME AS ABOVE

DOLA-CRM. BLUE & TAN, EN XLN, V. SCOT.
SUCC. & FAIR INTER-XLN BOB. N.S. BUT
TR. WH. FRCH. BOB. CHRT.

SAME IN SCOT. BRN. HARD DOLA & TR. GRY &
BRN. FRESH CHRT.



60
80
6100
20
40
60
80
6200
20
40
60

DOLA-BLUE SM-TAL & BEN. REED SUCC TRY
ON SIDES & EDGES. POOR POR. V DENSE &
HARD

SAME W. CR. & T. CR. FRESH SUR-TRANSI
CHRT.

DOLA & CHRT. AS ABOVE

DOLA-CHRTY IN PART. LT. GR. BLUE & TAN
EAL TR MED XIN. SM INTER. XIN & VUGGY
POR. N.S.

DOLA-FRM BLUE & GR. EN XIN. EN V EN XIN
W. SCAT INTD XIN & VUGGY POR. N.S.

SAME AS ABOVE

DOLA-AS ABOVE W. TR. LT. GR. FRESH SUR-
TRANSI CHRT.

DOLA-BLUE & LT. GR. EN XIN. POOR DENSE &
HARD W. BLUE & SM. LT. GR. WEATH. DOLA W.
POOR INTD. XIN & VUGGY POR. N.S.

DOLA AS ABOVE

DOLA-LT. GR. & BLUE EN XIN. DENSE. HARD
PLUS SCAT LT. GR. & BLUE. EAL TR MED
XIN. WEATH & VUG DOLA. W. EAL TR TO GOOD
POR. N.S.

DOLA AS ABOVE

6260 DOLA-LT. GR. & BLUE. POOR DENSE & HARD
W. SCAT BLUE & MED XIN. WEATH. DOLA. EAL
TR TO GOOD POR. N.S. PLUS LT. GR. FRESH SUR-
TRANSI TO TR. HARD CHRT.

TOTAL DEPTH 6260
-4906



PAGE	CTCT NO	INVOICE DATE
1 of 1	1000719	10/26/2011
INVOICE NUMBER		
1718 - 90737375		

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME LEYSA SWD 1
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40387874	27463		Net - 30 days	11/25/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 10/24/2011 to 10/24/2011</i>				
0040387874				
171805094A Cement-New Well Casing/Pi 10/24/2011 Cement 13 3/8" Conductor				
60/40 POZ	325.00	EA	9.48	3,081.00 T
Cello-flake(POLEFLAKE-C)	82.00	EA	2.92	239.69 T
Calcium Chloride	840.00	EA	0.83	696.78 T
Heavy Equipment Mileage	110.00	MI	5.53	608.30
Proppant and Bulk Delivery Charge	770.00	MI	1.26	973.28
Blending & Mixing Service Charge	325.00	MI	1.11	359.45
Unit Mileage Charge-Pickups, Vans & Cars	55.00	HR	3.36	184.66
Depth Charge; 0-500'	1.00	HR	790.00	790.00
Service Supervisor	1.00	HR	138.25	138.25

ENTERED
 NOV 03 2011
 9121 BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	7,071.41
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	293.28
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,364.69
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



Customer <i>Chittain Oil</i>	Lease No.	Date <i>10-24-11</i>
Lease <i>LEYSA SWD</i>	Well # <i>1</i>	
Field Order # <i>5094</i>	Station <i>PRATT 15</i>	Casing <i>3/8</i>
		Depth <i>13/8</i>
Type Job <i>CPW 13 3/8 cond</i>	Formation	County <i>BARBERS</i>
		State <i>KS</i>
		Legal Description <i>2-35-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>1 3/8</i>				Pre Pad	Max		5 Min.	
Depth <i>302</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>45</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>300</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>5094</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>287</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>PAVE Scott</i>	Treater <i>Robert J...</i>
-------------------------	--------------------------------------	-------------------------------

Service Units	<i>37900</i>	<i>27463</i>	<i>19831</i>	<i>19842</i>					
Driver Names	<i>Sullivan</i>	<i>Mitchell</i>	<i>Yong</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:00</i>					<i>on loc safety meeting</i>
					<i>Run 13 3/8 csg.</i>
<i>8:50</i>			<i>2</i>	<i>3</i>	<i>At SPACED</i>
				<i>45</i>	<i>mix cont 325 lb G/40,000 3%cc</i>
					<i>1/2 cell water</i>
<i>9:30</i>			<i>70</i>	<i>4</i>	<i>At Disp</i>
			<i>45</i>		<i>Plug down</i>
					<i>On loc 15 BBL cont pit</i>
					<i>JOB Complete</i>
					<i>Thank you</i>



PAGE 1 of 1	CTCT NO 1000719	INVOICE DATE 10/28/2011
INVOICE NUMBER 1718 - 90739623		

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Leysa SWD 1
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40388855	19842		Net - 30 days	11/27/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 10/26/2011 to 10/26/2011</i>				
0040388855				
171804980A Cement-New Well Casing/Pi 10/26/2011				
8 5/8" Surface Pipe				
A-Con Blend Common	200.00	EA	14.22	2,843.99 T
Common	200.00	EA	12.64	2,528.00 T
Cello-flake	100.00	EA	2.92	292.30 T
Cement Gel	376.00	EA	0.20	74.26 T
Calcium Chloride	1,128.00	EA	0.83	935.68 T
Top Rubber Cement Plug 8 5/8"	1.00	EA	177.75	177.75
8 5/8" Basket (Blue)	1.00	EA	248.85	248.85
Unit Mileage Charge-Pickups, Vans & Cars	55.00	HR	3.36	184.66
Heavy Equipment Mileage	110.00	MI	5.53	608.30
Proppant and Bulk Delivery Charges	1,034.00	MI	1.26	1,306.98
Depth Charge; 501-1000'	1.00	HR	948.00	948.00
Blending & Mixing Service Charge	400.00	MI	1.11	442.40
Plug Container Utilization Charge	1.00	EA	197.50	197.50
Supervisor	1.00	HR	138.25	138.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,926.92
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	487.22
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	11,414.14
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04980 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-26-2011 DISTRICT PRATT, Ks.		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER CHIEFTAIN OIL CO., INC.		LEASE LEYSA 'SWD' WELL NO. 1								
ADDRESS		COUNTY BARBER STATE Ks.								
CITY STATE		SERVICE CREW LESLEY, LAURENCE, McGRAW								
AUTHORIZED BY		JOB TYPE: CNW-8 5/8" S.P.								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
37586	1						10-25-11			11:00
19889-19842	1						10-26-11			1:00
19831-19862	1									4:45
										5:45
										6:30
										55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Scott Adelt*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-CON BLEND	SK	200		3,400.00
CP 100	COMMON	SK	200		3,200.00
CC 102	CELL-FLAKE	lb	100		370.00
CC 109	CALCIUM CHLORIDE	lb	1128		1,184.40
CC 200	CEMENT GEL	lb	376		94.00
CF 105	TOP RUBBER CONT. PLUG, 8 5/8"	EA	1		225.00
CF 1903	BASKET, 8 5/8"	EA	1		315.00
E 100	PICKUP MILEAGE	MI	55		233.75
E 101	HEAVY EQUIPMENT MILEAGE	MI	110		770.00
E 113	BULK DELIVERY CHARGE	Tm	1034		1,654.40
PE 201	DEPTH CHARGE: 501'-1000'	HR	1-4		1,200.00
PE 240	BLENDING SERVICE CHARGE	SK	400		560.00
PE 504	PLUG CONTAINER CHARGE	YR	1		250.00
SC03	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL *10,926.92*

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *Lesley* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Scott Adelt*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer CHIEFTAIN OIL CO.	Lease No.	Date 10-26-2011	
Lease LEISA SWD	Well # 1		
Field Order # 04180	Station PRATT, KS.	Casing 5 1/2"	Depth
Type Job CNW - 8 5/8" S.P.	Formation TD-891'	County BARBER	State KS.
		Legal Description 2-35-11	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
8 5/8" x 24"				200 SK A-CON				
Depth 881'	Depth	From	To	Pre Pad @ 2.12 CUFT ³	Max BASKET @ 550		5 Min.	
Volume 520.33L	Volume	From	To	Pad 200 SK COMMON	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac @ 1.34 CUFT ³	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 800	Packer Depth	From	To	Flush 54.5 BBL	Gas Volume		Total Load	

Customer Representative RON MAZ	Station Manager D. SCOTT	Treater K. LESLEY
Service Units 37586 19889 19842 19831 19862		
Driver Names LESLEY LAWRENCE ——— MCGRAW ———		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00 AM					ON LOCATION - SAFETY MEETING
2:15 AM					RUN 21 JTS. 8 5/8" x 24" CSG.
4:35 AM					CSG. ON BOTTOM
4:50 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
5:05 AM	250		5	6	H ₂ O AHEAD
5:10 AM	200		75.5	6	MIX 200 SK. A-CON @ 12.6 PPG
5:22 AM	100		48	6	MIX 200 SK. COMMON @ 15.0 PPG
5:30 AM					SHUT DOWN - RELEASE PLUG
5:33 AM	0		0	5	START DISPLACEMENT
5:42 AM	200		45	4	SLOW RATE
5:45 AM	250		54.5	3	PLUG DOWN - CLOSE IN AT HEAD
					CIRC. THRU JOB
					CIRC. 15 BBL TO PIT
					JOB COMPLETE, THANK YOU -
					KEVEN LESLEY



PAGE	CUST NO	INVOICE DATE
1 of 1	1000719	11/09/2011
INVOICE NUMBER		
1718 - 90749032		

Pratt (620) 672-1201
 B CHIEFTAIN OIL COMPANY
 I PO Box: 124
 L KIOWA
 L KS US 67070
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Leysa SWD 1
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40393641	20920		Net - 30 days	12/09/2011	
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/07/2011 to 11/07/2011</i>					
0040393641					
171805054A Cement-New Well Casing/Pi 11/07/2011 Cement 5 1/2" Longstring					
AA2 Cement		255.00	EA	13.43	3,424.57 T
De-foamer(Powder)		49.00	EA	3.16	154.84 T
Salt(Fine)		1,269.00	EA	0.39	501.25 T
Gas-Blok		241.00	EA	4.07	980.49 T
FLA-322		193.00	EA	5.92	1,143.50 T
Gilsonite		1,275.00	EA	0.53	674.84 T
CS-1L KCL Substitute		5.00	EA	27.65	138.25 T
Mud Flush		500.00	EA	0.68	339.69 T
Super Flush II		500.00	EA	1.21	604.34 T
Latch Down Plug & Baffle 5 1/2"(Blue)		1.00	EA	315.99	315.99
Cementing Shoe Packer Type 5 1/2"(Red)		1.00	EA	2,922.94	2,922.94
Turbolizer 5 1/2"(Blue)		7.00	EA	86.90	608.29
5 1/2" Basket(Blue)		1.00	EA	229.10	229.10
Heavy Equipment Mileage		110.00	MI	5.53	608.29
Proppant and Bulk Delivery Charge		663.00	MI	1.26	838.02
Blending & Mixing Service Charge		255.00	MI	1.11	282.02
Unit Mileage Charge-Pickups, Vans & Cars		55.00	HR	3.36	184.66
Depth Charge; 5001-6000"		1.00	HR	2,275.16	2,275.16
Plug Container Utilization Charge		1.00	EA	197.50	197.50
Service Supervisor		1.00	HR	138.25	138.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	16,561.99
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	581.21
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	17,143.20
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 05054 A

DATE _____ TICKET NO. CONT

DATE OF JOB <u>11-7-11</u>	DISTRICT <u>Pratt</u>	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER <u>Chief Tain Oil Co., Inc</u>		LEASE <u>Leysa SWD</u>				WELL NO. <u>1</u>				
ADDRESS		COUNTY <u>Barber</u>		STATE <u>KS</u>						
CITY		STATE <u>KS</u>		SERVICE CREW <u>Melson P. Hye Sullivan</u>						
AUTHORIZED BY		JOB TYPE: <u>CNW 5 1/2 LS</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>33708-20920</u>	<u>55</u>	<u>man</u>					<u>11-7-11</u>			<u>6:00</u>
<u>19960 19918</u>	<u>55</u>	<u>man</u>				ARRIVED AT JOB	<u>11-7-11</u>			<u>12</u>
<u>37900</u>						START OPERATION	<u>11-7-11</u>			<u>4.40</u>
						FINISH OPERATION	<u>11-7-11</u>			<u>5.30</u>
						RELEASED	<u>11-7-11</u>			<u>6:15</u>
						MILES FROM STATION TO WELL				<u>55</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA2 cement	SK	225		3,925 00
CP 105	AA2 cement	SK	30		510 00
CC 105	Deframer	lb	49		196 00
CC 111	SALT	lb	1269		634 50
CC 115	GAS-BLOCK	lb	241		1,241 15
CC 129	FLA-322	lb	193		1,447 50
CC 201	GILSONITE	lb	1275		854 25
CF 607	Latch Down Plug & Baffle 5 1/2	eq	1		400 00
CF 1001	Packer shoe	eq	1		3,700 00
CF 1651	Turbolizer	eq	7		1,770 00
CF 1901	Gasket	eq	1		290 00
C 704	KCL SUBSTITUTE	gal	5		175 00
CL 151	Mud Flush	gal	500		430 00
CL 155	Super Flush II	gal	500		1,265 00
E 100	Pickup Mileage	mi	55		2,233 75
E 101	Heavy Equipment Mileage	mi	110		770 00
E 113	Bulk Delivery	Tm	663		1,060 40
CE 206	DEPTH Charge	4hrs	1		2,880 00
CE 240	Mixing charge	SK	225		357 00

SUB TOTAL

DL5

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____

FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

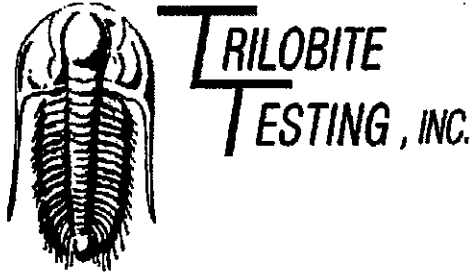
TREATMENT REPORT

Customer <i>Chieftain Oil Co</i>	Lease No.	Date <i>11-7-2011</i>	
Lease <i>Laysa SWD</i>	Well # <i>1</i>		
Field Order # <i>5054-5055</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2</i>	Depth <i>5477'</i>
Type Job <i>CMW 5 1/2 LS</i>	Formation	County <i>Barber</i>	State <i>KS</i>
		Legal Description <i>2-35-11</i>	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>5 1/2</i>				Pre Pad	Max		5 Min.
Depth <i>5477</i>	Depth	From	To	Pad	Min		10 Min.
Volume <i>129</i>	Volume	From	To	Frac	Avg		15 Min.
Max Press <i>2,000</i>	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth <i>5435</i>	Packer Depth	From	To				

Customer Representative <i>BON MOLZ</i>	Station Manager <i>SCOTT</i>	Treater <i>ROBERT SYLLIVAN</i>
Service Units <i>33708</i>	<i>19960</i>	<i>37900</i>
Driver Names <i>Melson</i>	<i>Phye</i>	<i>Sullivan</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:00 AM</i>					<i>ON LOC safety meeting</i>
					<i>RUN 5 1/2 13.5 CSG. 130 STS</i>
					<i>CONT. 4, 5, 7, 12, 14, 16, 18 BASKET 10</i>
<i>3:15</i>					<i>CASING ON BOTTOM</i>
<i>3:20</i>					<i>Hook Rig Circ</i>
<i>3:30</i>					<i>shut down DROP BALL</i>
<i>3:35</i>					<i>START circ.</i>
<i>3:50</i>	<i>1200</i>				<i>Set Packer Shoe w/ Rig First Circ.</i>
<i>4:40</i>	<i>500</i>		<i>12</i>	<i>3</i>	<i>St mud thick</i>
			<i>5</i>		<i>SPACE</i>
			<i>12</i>		<i>St Super Thick</i>
			<i>5</i>		<i>SPACE</i>
			<i>5</i>		<i>mix cont 225 sk AA 2 cont @ 15. PPG.</i>
			<i>57</i>		<i>shut down cont mix sk wash, pump, lines</i>
					<i>Release Plug</i>
				<i>6</i>	<i>St Disp w/ 2% KCL #20</i>
	<i>300</i>		<i>81</i>		<i>litt PSI</i>
	<i>400</i>			<i>4.5</i>	<i>Stop work</i>
<i>5:30</i>	<i>1850</i>		<i>129</i>		<i>plug down</i>
			<i>6</i>		<i>plug RH w/ 30% SOB concrete</i>



DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co Inc**

PO Box 124
Kiowa, KS 67070

ATTN: Arden Ratzlaff

Leysa SWD #1

2-35s-11w Barber,KS

Start Date: 2011.11.01 @ 14:34:15

End Date: 2011.11.01 @ 21:53:12

Job Ticket #: 44030 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.11.11 @ 09:33:23

Chieftain Oil Co Inc

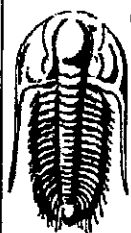
2-35s-11w Barber,KS

Leysa SWD #1

DST # 1

Simpson

2011.11.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Chieftain Oil Co Inc

2-35s-11w Barber, KS

PO Box 124
Kiowa, KS 67070

Leysa SWD #1

Job Ticket: 44030

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2011.11.01 @ 14:34:15

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:43:15

Time Test Ended: 21:53:12

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: **5406.00 ft (KB) To 5420.00 ft (KB) (TVD)**

Reference Elevations: 1354.00 ft (KB)

Total Depth: 5420.00 ft (KB) (TVD)

1344.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 34.90 psig @ 5407.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.01

End Date: 2011.11.01

Last Calib.: 2011.11.01

Start Time: 14:34:16

End Time: 21:53:11

Time On Btmr: 2011.11.01 @ 16:32:15

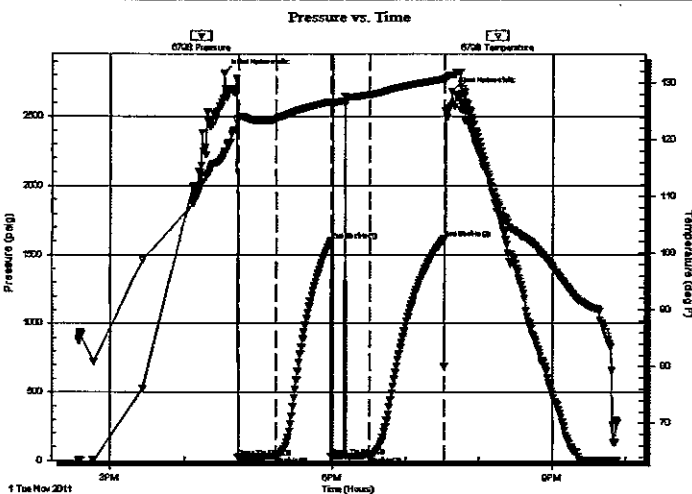
Time Off Btmr: 2011.11.01 @ 19:37:15

TEST COMMENT: IF: Weak Surface Blow, Dead @ 12 minutes

IS: No Blow

FF: No Blow, Flushed Tool, No Blow

FSI: No Blow



PRESSURE SUMMARY

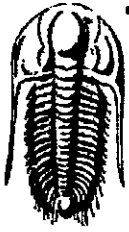
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2816.99	117.72	Initial Hydro-static
11	28.32	123.67	Open To Flow (1)
43	32.90	123.61	Shut-In(1)
87	1600.22	126.67	End Shut-In(1)
87	33.14	126.24	Open To Flow (2)
98	44.81	126.86	--Flushed Tool
118	34.90	127.88	Shut-In(2)
179	1615.37	130.62	End Shut-In(2)
185	2680.62	131.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Chieftain Oil Co Inc

2-35s-11w Barber,KS

PO Box 124
Kiowa, KS 67070

Leysa SWD #1

Job Ticket: 44030

DST#: 1

ATTN: Arden Ratzlaff

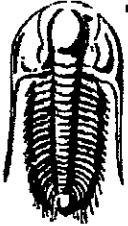
Test Start: 2011.11.01 @ 14:34:15

Tool Information

Drill Pipe:	Length: 5291.00 ft	Diameter: 3.80 inches	Volume: 74.22 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 130000.0 lb
			<u>Total Volume: 74.81 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5406.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			5389.00	
Hydraulic tool	5.00			5394.00	
Safety Joint	2.00			5396.00	
Packer	5.00			5401.00	22.00 Bottom Of Top Packer
Packer	5.00			5406.00	
Stubb	1.00			5407.00	
Recorder	0.00	6798	Inside	5407.00	
Recorder	0.00	8367	Outside	5407.00	
Perforations	10.00			5417.00	
Bullnose	3.00			5420.00	14.00 Bottom Packers & Anchor
Total Tool Length:		36.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Chieftain Oil Co Inc

2-35s-11w Barber,KS

PO Box 124
Kiowa, KS 67070

Leysa SWD #1

Job Ticket: 44030

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2011.11.01 @ 14:34:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 78.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

