



KANSAS CORPORATION COMMISSION 1060138  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: \_\_\_\_\_



1060138

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED CEMENTING CO., LLC. 042111

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge, KS*

DATE 07-07-11	SEC. 14	TWP. 30s	RANGE 09 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 3:45 PM
DEPERBUSCH LEASE TRUST "E"		WELL# 1	LOCATION Zenda KS, 1s, 14c, n/4			COUNTY Kingman	STATE KS
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Pickrell

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 233'

CASING SIZE 8 5/8 DEPTH 233'

TUBING SIZE DEPTH 233'

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 300# MINIMUM —

MEAS. LINE SHOE JOINT N/A

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 1 3/4 Bbls Fresh H<sub>2</sub>O

OWNER Pickrell Drilling

CEMENT

AMOUNT ORDERED 300 5x60.40.2% gel + 3% ncc  
(used 210 5x)

COMMON	<u>126</u>	@ <u>16.25</u>	<u>2047.50</u>
POZMIX	<u>84</u>	@ <u>8.50</u>	<u>714.00</u>
GEL	<u>4</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>7</u>	@ <u>58.20</u>	<u>407.40</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>221</u>	@ <u>2.25</u>	<u>497.25</u>
MILEAGE	<u>221/25/11</u>		<u>607.75</u>
<b>TOTAL</b>			<b><u>4358.90</u></b>

**REMARKS:**

*Piper Btm, Break Circ, Pump Space, Mix 210 5x60.40-342 cement, Start Disp w/ Fresh H<sub>2</sub>O. See. Steady increase in PSI, Slow rate Stop pump at 1 3/4 Bbls total Disp, Shut in, Cement Did Circulate !!*

**SERVICE**

DEPTH OF JOB	<u>233'</u>		
PUMP TRUCK CHARGE			<u>#1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@ <u>7.00</u>	<u>350.00</u>
MANIFOLD	<u>N/A</u>	@	
<u>Light Vehicle</u>	<u>50</u>	@ <u>4.00</u>	<u>200.00</u>
		@	

**TOTAL** #1675.00

CHARGE TO: Pickrell

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

<del>MONO</del>	@	
	@	
	@	
	@	
	@	

**TOTAL** \_\_\_\_\_

To Allied Cementing Co., 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.

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES #6033.90

DISCOUNT 20% IF PAID IN 30 DAYS

Net \$ 4827.12

PRINTED NAME Ron Moon

SIGNATURE Ron Moon

ALLIED CEMENTING CO., LLC. 040745

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Med. ch. d. s.

Table with columns: DATE (7-13-11), SEC. (14), TWP. (30S), RANGE (9W), CALLED OUT, ON LOCATION, JOB START (9:30 AM), JOB FINISH (10:00 PM), LEASE (Deonovich Trist), WELL# (F1), LOCATION (Zendoff, 1 South, 1/4 East), COUNTY (Kingman), STATE (KS), OLD OR NEW (NEW).

CONTRACTOR Pickrell Drilling
TYPE OF JOB Rotary Plug
HOLE SIZE 7 7/8 T.D.
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 1400'
TOOL DEPTH
PRES. MAX 300 PSI MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Pickrell
CEMENT AMOUNT ORDERED 155 x 60: 40: 4% gel

Table with columns: COMMON (93 @ 16.25 = 1511.25), POZMIX (97 @ 5.50 = 527), GEL (6 @ 21.25 = 127.50), HANDLING (161.25 @ 2.25 = 362.25), MILEAGE (161.25 @ 11 = 1773.75), TOTAL 2770.75.

EQUIPMENT table: PUMP TRUCK CEMENTER (Matt Jamesch # 471302), BULK TRUCK DRIVER (Pasha Elton # 364), BULK TRUCK DRIVER.

REMARKS:

Run pipe 1400' pipe 12 bbls to rackhead
mix 35 cement disp 4 1/2 hrs to disp 10 bbls cement
pipe 390 pump 20 bbls to rackhead mix 35 cement
disp 12 bbls to rackhead
pump 278' mix 35 cement disp 1 1/2 bbls to rackhead
pipe 60' mix 25 cement
mix 15 cement for rot hole
mix 12.5 cement for rot hole

SERVICE

Table with columns: DEPTH OF JOB (1400'), PUMP TRUCK CHARGE (1925.00), EXTRA FOOTAGE (50 @ 7.00 = 350.00), MILEAGE (@ 11.00 = 220.00), MANIFOLD (right vehicle 50 @ 4.00 = 200.00), TOTAL 2475.

CHARGE TO: Pickrell
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

Table with columns: PLUG & FLOAT EQUIPMENT (multiple rows with @ symbol), TOTAL

To Allied Cementing Co., 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.

SALES TAX (If Any) # 3445.75
TOTAL CHARGES # 5445.75
DISCOUNT 20% IF PAID IN 30 DAYS
Net \$ 4356.60

PRINTED NAME Mike Klein
SIGNATURE Mike Klein



# JERRY A. SMITH

## CERTIFIED PETROLEUM GEOLOGIST

### GEOLOGIST'S REPORT DRILLING TIME and SAMPLE LOG

COMPANY: PICKRELL DRILLING COMPANY, INC.		ELEVATIONS
LEASE: #1 DEPENBUSCH TRUST "F"		K.B. 1632
FIELD: SPIVEY-GRABS-BASIL		D.F. 1630
LOCATION: C-N/2-SE-SW		G.L. 1622
SEC. 14	TWSP. 30	RNG. 9 W
Measurements Are All From: KB		
COUNTY: KINGMAN	STATE: KANSAS	
<b>CASING</b>		
CONTRACTOR: COMPANY TOOLS, RIG #1		
SPUD: 7/7/11	COMP. 7/13/11	SURFACE: 8 5/8" @ 228'
RTD. 4400	LTD. 4399	PRODUCTION: D & A
MUD UP: 3028	TYPE MUD: CHEMICAL	
ELECTRICAL SURVEYS		
LOG-TECH: RAG		
SAMPLES SAVED FROM: 3100'		
TO: RTD		
DRILLING TIME KEPT FROM: 3100'		
TO: RTD		
SAMPLES EXAMINED FROM: 3100'		
TO: RTD		
GEOLOGICAL SUPERVISION FROM: 3590'		
TO: RTD		
GEOLOGIST ON WELL: JERRY A. SMITH		

FORMATION TOPS	LOG	SAMPLES
HEEBNER	3362 (-1730)	3363 (-1731)
LANSING	3578 (-1946)	3576 (-1944)
STARK	3966 (-2334)	3968 (-2336)
MISSISSIPPIAN	4261 (-2629)	4262 (-2630)

**LEGEND**

	Anhydrite
	Salt
	Sandstone
	Shale
	Carb sh
	Limestone
	Col. Lime
	Chert
	Dolomite

DRILLING TIME IN MINUTES  
PER FOOT  
Rate of Penetration Increases

DEPTH

SAMPLE DESCRIPTIONS

REMARKS

NO GAS DETECTOR  
NO DST'S  
MUD BY MUD-CO  
S.H.T.'S:

751' 1" 3184' 11/4"  
 1251' 3/4" 3648' 11/2"  
 1781' 1 1/4" 4400' 1"  
 2281' 3/4"

LN - Gen. Ex. LARK

SH - DE GR

LN - Gen. Ex. LARK

SH - DE GR

LN - Gen. Ex. LARK

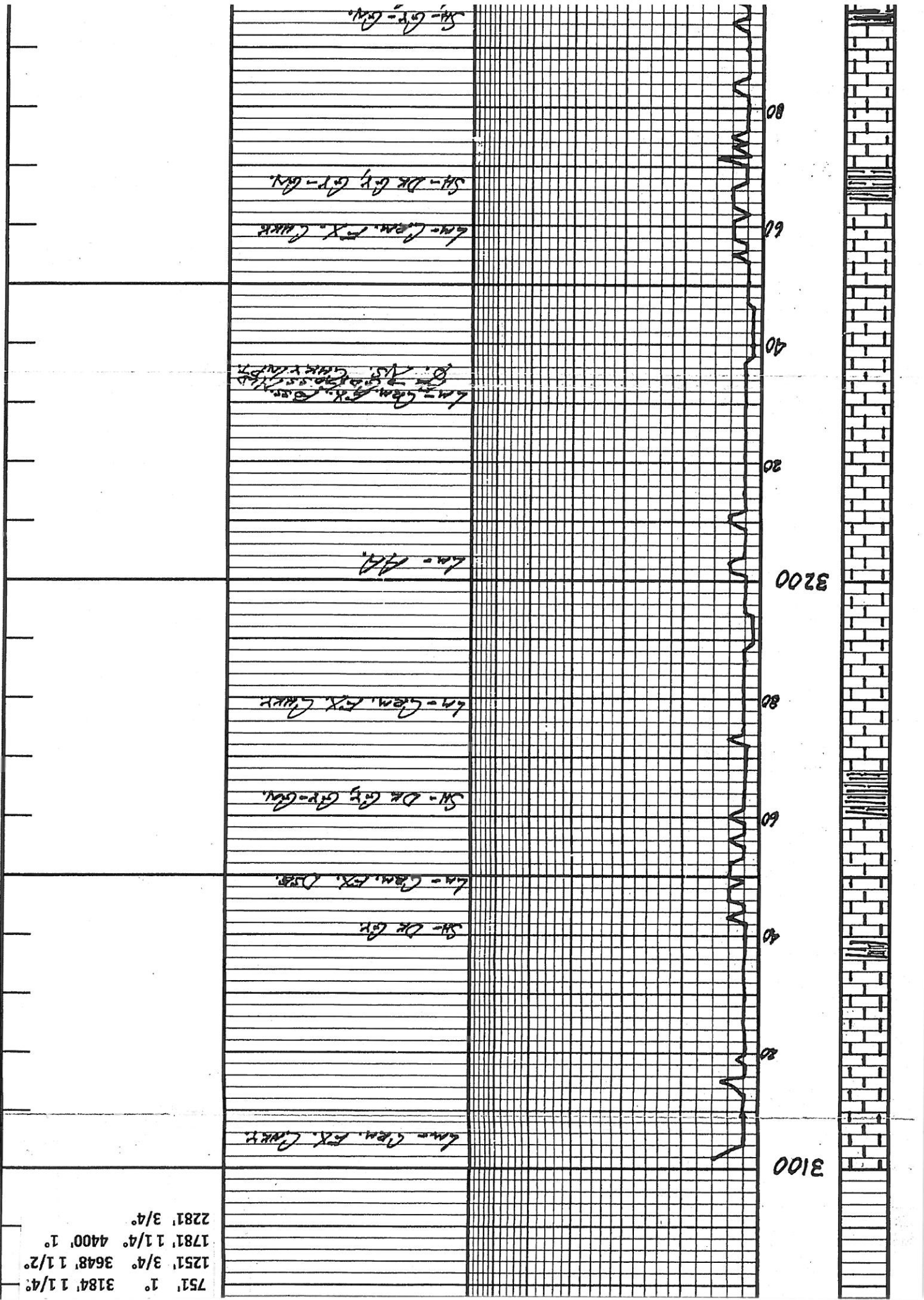
LN - AA

LN - Gen. Ex. LARK  
 SH - DE GR  
 LN - Gen. Ex. LARK

LN - Gen. Ex. LARK

SH - DE GR

SH - DE GR



3500

80

60

40

20

3400

80

60

40

20

3300

SH - 52 - 24 - GR - 25  
N.B. - 1/2 in. dia.  
N.B. - 1/2 in. dia.  
N.B. - 1/2 in. dia.  
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N.B. - 1/2 in. dia.

SH - 24 - DK GR - 64 - 64  
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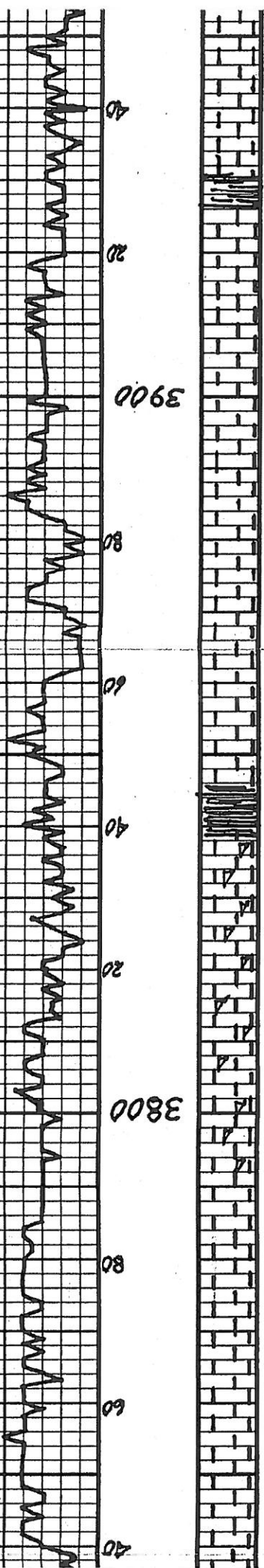
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HEBNER  
3363 (-1731) SMP  
3362 (-1730) LOG



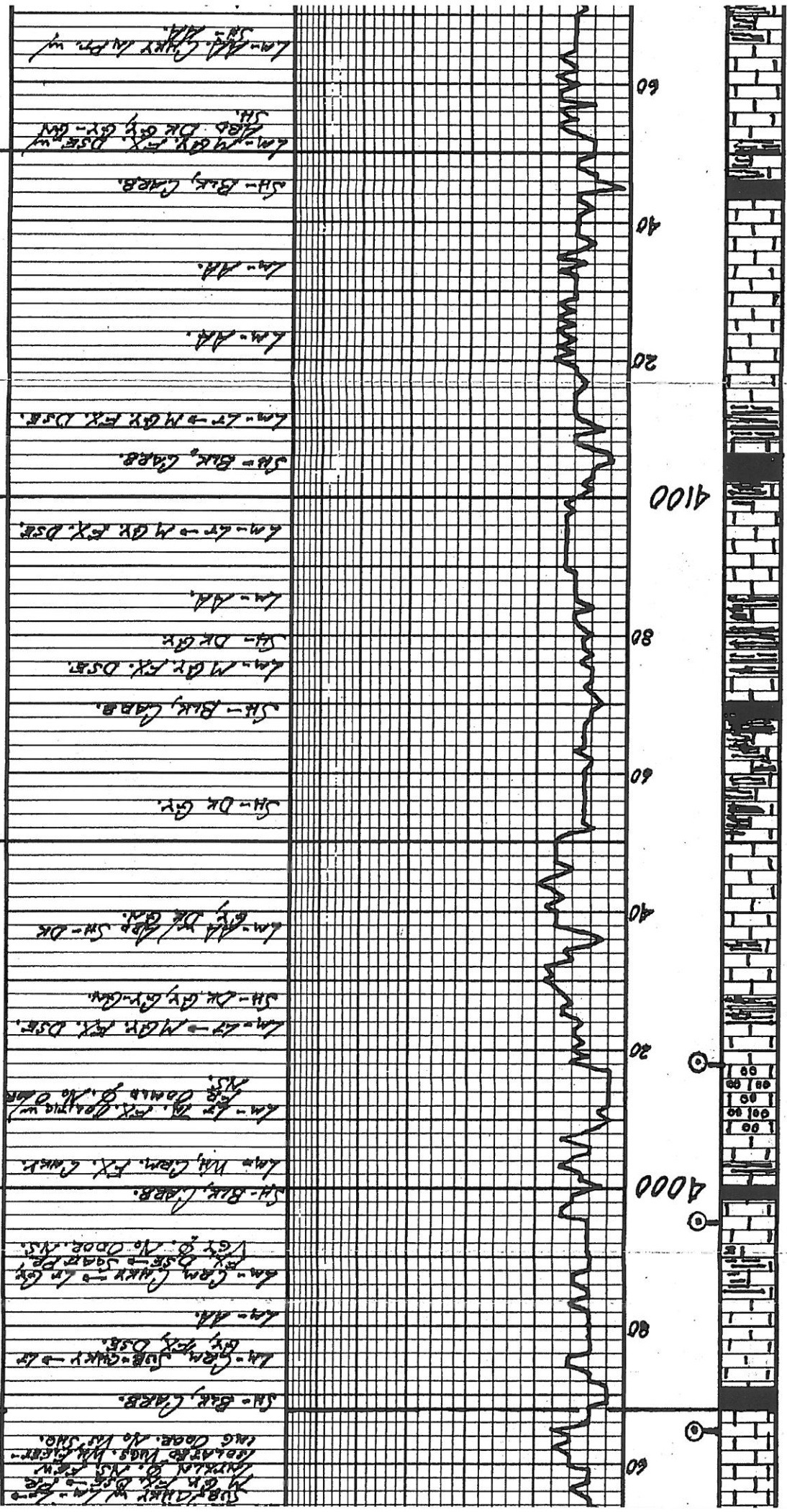




40  
60  
80  
3800  
20  
40  
60  
80  
3900  
20  
40

Ln-70-100-200-300-400-500-600-700-800-900-1000-1100-1200-1300-1400-1500-1600-1700-1800-1900-2000-2100-2200-2300-2400-2500-2600-2700-2800-2900-3000-3100-3200-3300-3400-3500-3600-3700-3800-3900-4000-4100-4200-4300-4400-4500-4600-4700-4800-4900-5000-5100-5200-5300-5400-5500-5600-5700-5800-5900-6000-6100-6200-6300-6400-6500-6600-6700-6800-6900-7000-7100-7200-7300-7400-7500-7600-7700-7800-7900-8000-8100-8200-8300-8400-8500-8600-8700-8800-8900-9000-9100-9200-9300-9400-9500-9600-9700-9800-9900-10000

Ln-70-100-200-300-400-500-600-700-800-900-1000-1100-1200-1300-1400-1500-1600-1700-1800-1900-2000-2100-2200-2300-2400-2500-2600-2700-2800-2900-3000-3100-3200-3300-3400-3500-3600-3700-3800-3900-4000-4100-4200-4300-4400-4500-4600-4700-4800-4900-5000-5100-5200-5300-5400-5500-5600-5700-5800-5900-6000-6100-6200-6300-6400-6500-6600-6700-6800-6900-7000-7100-7200-7300-7400-7500-7600-7700-7800-7900-8000-8100-8200-8300-8400-8500-8600-8700-8800-8900-9000-9100-9200-9300-9400-9500-9600-9700-9800-9900-10000



LM-GR-FX, DSE  
SH-DK GR, GR-BN

LM-GR-FX, DSE  
SH-BLK, LABB.

LM-GR

LM-GR

LM-GR-FX, DSE  
SH-BLK, LABB.

LM-GR-FX, DSE  
LM-GR

LM-GR

SH-DK GR

LM-GR-FX, DSE  
SH-BLK, LABB.

SH-DK GR

LM-GR-FX, DSE  
SH-DK GR, GR-BN

LM-GR-FX, DSE  
LM-GR

LM-GR-FX, DSE  
SH-BLK, LABB.

LM-GR-FX, DSE  
SH-BLK, LABB.

LM-GR-FX, DSE  
LM-GR

LM-GR-FX, DSE  
LM-GR

LM-GR-FX, DSE  
SH-BLK, LABB.

LM-GR-FX, DSE  
SH-BLK, LABB.

MUD @ 3995'  
9.3 WT, 54 VIS, 10.0 FILT,  
4500 CHLOR, 0 LCM

3968 (-2336) SMPL  
3966 (-2334) LOG

STARK



