



KANSAS CORPORATION COMMISSION 1085342
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 # 32278
Name: Tengasco, Inc.
Address 1: 1327 NOOSE RD
Address 2: PO BOX 458
City: HAYS State: KS Zip: 67601 + 9744
Contact Person: Gary Wagner
Phone: (785) 625-6374
CONTRACTOR: License # 33493
Name: American Eagle Drilling LLC
Wellsite Geologist: Mike Bair
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- 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 #: _____

<u>04/25/2012</u>	<u>04/30/2012</u>	<u>05/09/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-24028-00-00
Spot Description: _____
W2 NW NE Sec. 17 Twp. 9 S. R. 18 East West
660 Feet from North / South Line of Section
2310 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Rooks
Lease Name: Hilgers B Well #: 9
Field Name: McHale
Producing Formation: Arbuckle
Elevation: Ground: 2080 Kelly Bushing: 2087
Total Depth: 3568 Plug Back Total Depth: 3544
Amount of Surface Pipe Set and Cemented at: 262 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1474 Feet
If Alternate II completion, cement circulated from: 1474
feet depth to: 0 w/ 300 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 25000 ppm Fluid volume: 320 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Tengasco, Inc.
Lease Name: Mosher License #: 32278
Quarter SW Sec. 33 Twp. 9 S. R. 18 East West
County: Rooks Permit #: D-20839

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: Deanna Gorrion Date: 06/21/2012



1085342

Operator Name: Tengasco, Inc. Lease Name: Hilgers B Well #: 9
 Sec. 17 Twp. 9 S. R. 18 East West County: Rooks

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <small>Dual Induction Neutron Density/PE Micro</small>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1448</td> <td>+639</td> </tr> <tr> <td>Topeka</td> <td>3019</td> <td>-932</td> </tr> <tr> <td>Heebner</td> <td>3228</td> <td>-1141</td> </tr> <tr> <td>Toronto</td> <td>3248</td> <td>-1161</td> </tr> <tr> <td>Lansing</td> <td>3268</td> <td>-1181</td> </tr> <tr> <td>BKC</td> <td>3489</td> <td>-1402</td> </tr> <tr> <td>Arbuckle</td> <td>3522</td> <td>-1435</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1448	+639	Topeka	3019	-932	Heebner	3228	-1141	Toronto	3248	-1161	Lansing	3268	-1181	BKC	3489	-1402	Arbuckle	3522	-1435
Name	Top	Datum																							
Anhydrite	1448	+639																							
Topeka	3019	-932																							
Heebner	3228	-1141																							
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Lansing	3268	-1181																							
BKC	3489	-1402																							
Arbuckle	3522	-1435																							

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	262	Com	170	3% CC 2% gel
Production	7.875	5.5	14	3567	ASC	150	10% salt 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1474	60/40	300	4% gel, 1/4# flo seal per sx

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
6	3522-25'		

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3539</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>05/14/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>4</u>	Gas Mcf	Water Bbls. <u>360</u>	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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arb 3522-25'</u>
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ALLIED OIL & GAS SERVICES, LLC 056103

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

SERVICE POINT:
Russell

DATE <u>5-1-12</u>	SEC. <u>17</u>	TWP. <u>9</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30</u>	JOB FINISH <u>3:00</u>
LEASE <u>Hilger</u>		WELL # <u>B-9</u>		LOCATION <u>Platville 2w 34 tw</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)			<u>Sink</u>				

CONTRACTOR Am Lyle #2
 TYPE OF JOB Pipe - Art Collar
 HOLE SIZE 7 7/8 T.D. 3510
 CASING SIZE 5 1/2 DEPTH 3572
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL Art Collar DEPTH 1475
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 19'
 CEMENT LEFT IN CSO. 19'
 PERFS.
 DISPLACEMENT Blk 100

OWNER
 CEMENT AMOUNT ORDERED 180 ASC

EQUIPMENT
 PUMP TRUCK CEMENTER Todd, Robert
 # 1809 HELPER Jerry
 BULK TRUCK # 415 DRIVER Bob
 BULK TRUCK # DRIVER

COMMON	<u>180</u>	@	<u>16.25</u>	<u>2925.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE		@		
ASC		@		
salt	<u>20</u>	@	<u>27.95</u>	<u>479.00</u>
Gyp	<u>22</u>	@	<u>34.20</u>	<u>752.40</u>
mid flat	<u>500</u>	@	<u>1.27</u>	<u>635.00</u>
HANDLING	<u>270</u>	@	<u>2.25</u>	<u>608.50</u>
MILEAGE	<u>1120</u>	@		<u>1843.00</u>
TOTAL				<u>6627.90</u>

REMARKS:

run 1/2 hr. cementing 1 hr.
mix 12 gal med weight, 32 gal in Red Halc
mixed 196 lb Green Halc & 14.5 gal med wt clean
calced Plus Oilwell Blk 561 last plug
to 1200 ft level, hold
plug down on 5:15

SERVICE

DEPTH OF JOB	<u>3565</u>		
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE		@	
MILEAGE MIN	<u>40</u>	@	<u>7.00</u> <u>350.00</u>
MANIFOLD		@	
milly	<u>50</u>	@	<u>4.00</u> <u>200.00</u>
Hard run		@	<u>200.00</u> <u>NC</u>
TOTAL <u>2775</u>			

CHARGE TO: Feng 4010
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Block shoe	@		<u>16.80</u>
latch down	@		<u>1.94</u>
Central Deck	<u>3</u>	@	<u>34</u> <u>102.00</u>
bucket	@	<u>23.00</u>	<u>230.00</u>
Art collar	@	<u>182.00</u>	<u>1820.00</u>
TOTAL <u>2588.00</u>			

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.

SALES TAX (If Any) 470.25
 TOTAL CHARGES 11,990.90
 DISCOUNT also 2936.08 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Kath Kasher

ALLIED OIL & GAS SERVICES, LLC 056408

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

SERVICE POINT:
Russell, KS.

NE/4

DATE <u>5-8-2012</u>	SEC. <u>17</u>	TWP. <u>9</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>HILGERS</u>	WELL # <u>B-9</u>	LOCATION <u>Plainville Ks, 261 3A SW 46</u>			COUNTY <u>ROCKS</u>	STATE <u>KANSAS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Fisher Well Service
 TYPE OF JOB Circulate Cement (Port Collar)
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH @ 1474
 PRES. MAX 800# MINIMUM _____
 MEAS. LINE _____ SHOBJOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT T-8.00 / 1/2 gal
 EQUIPMENT _____

PUMP TRUCK CEMENTER Caplan G.
 # 417 HELPER Woody O.
 BULK TRUCK _____
 # 344 DRIVER Kevin W. GB.
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER _____
 CEMENT AMOUNT ORDERED 300 SX 40 4% Gel
Y4# FIO Seal Per SX
 COMMON 180 SX @ 16.25 = 2925.00
 POZMIX 120 SX @ 8.50 = 1020.00
 GEL 10 SX @ 21.25 = 212.50
 CHLORIDE _____
 ASC _____
FIO Seal 75 # BS @ 2.70 = 202.50

 HANDLING 310 TOTAL SX @ 2.25 = 697.50
 MILEAGE 50 TRAVEL @ 11¢ = 55.00
15,500 TOTAL 6762.50

REMARKS:
PB to 354' / Port Collar @ 1474' TEST
CSG to 800# (Held), OPEN Port Collar
received CIRCULATOR. Mixed 300 SX Cement
& Cement Circulate Around Annulus. Displaced
2 1/2 BBL Closed PL. + Check to 800# (Held)
Ran in 5 Joints of 2 7/8 Bbl PL. + Washed
Clear (2 1/2 BBL). Came out OF Hole.
Cement did Circulate to Surface. TRUCKS

SERVICE
 DEPTH OF JOB 1474'
 PUMP TRUCK CHARGE _____ 1925.00
 EXTRA FOOTAGE _____
 MILEAGE 50 TRAVEL @ 7.10 = 355.00
 MANIFOLD yes _____
150 1 VME @ 1.30 = 195.00

 TOTAL 1475.00

CHARGE TO: TENGASCO INC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

* STATE REP. Pat Petara (rec) on location
 Cement did circulate to surface!
 To: Allied Oil & Gas Services, LLC. THANKS
 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.

PLUG & FLOAT EQUIPMENT

 TOTAL _____
 SALES TAX (If Any) 274.68
 TOTAL CHARGES 9237.50
 DISCOUNT 20.00 2524.00 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Lang Wagner

MUD LOG
WellSight Systems

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

Well Name: HILGERS B #9
Location: Sec. 17; Tsp. 9 s.; Rge. 18 w.
License Number: 32278
Spud Date: 4-25-12
Surface Coordinates: W/2 NW NE
660' FNL & 2310' FEL
Bottom Hole Coordinates:
Ground Elevation (ft): 2080
Logged Interval (ft): 2700 To: 3544
Formation: Arbuckle
Type of Drilling Fluid: Chemical

Region: Rooks County, KS
Drilling Completed: 4-30-12
K.B. Elevation (ft): 2087
Total Depth (ft): 3568

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

OPERATOR

Company: TENGASCO, INC.
Address: 1327 Moose Rd.
Hays, KS. 67601

GEOLOGIST

Name: Mike Bair
Company: Basin Resources L.L.C.
Address: Longmont, CO.

FORMATION TOPS

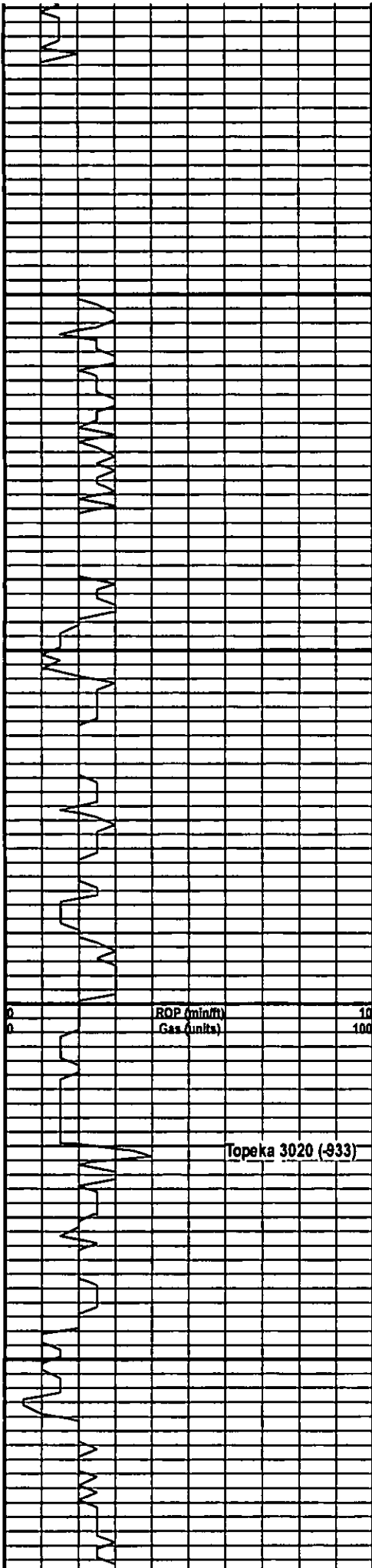
FORMATION	SAMPLE	LOG
Anhy	1450 (+637)	1448 (+639)
Topeka	3020 (-933)	3019 (-932)
Heebner	3231 (-1144)	3228 (-1141)
Toronto	3248 (-1161)	3248 (-1161)
Lansing	3270 (-1183)	3268 (-1181)
BKC	3490 (-1403)	3489 (-1402)
Arbuckle	3522 (-1435)	3522 (-1435)
TD	3568 (-1481)	3568 (-1481)

DSTs

NONE

Comments

Based on relative structural position, log analysis and sample shows; 5 1/2" production casing was ran to further test the economic potential of the Arbuckle formation in the Hilgers B-9.



2900

2950

3000

3050

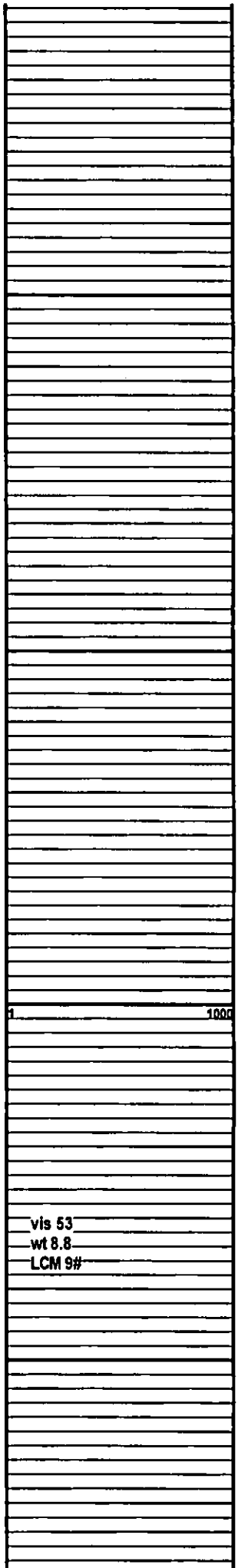
Sh, gry; Sls, gry, argil

Ls, tan-gry, fxl to pkstn, few foss, ns, n/o

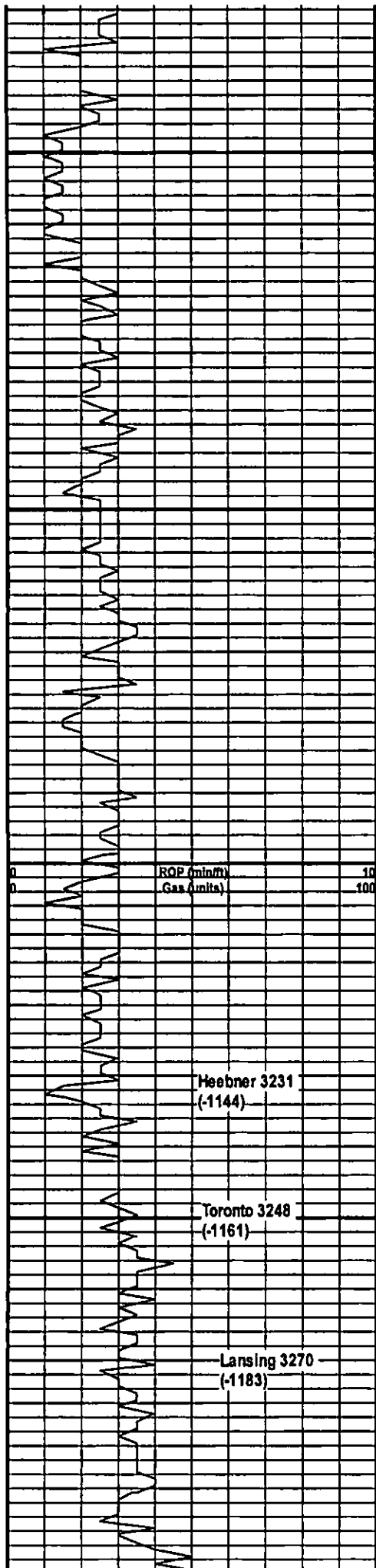
Ls, tan-gry, mdstn, few foss, crin, ns, n/o

Ls, crm-tan, fxl to some shly, r pc w pryrite, ns, n/o

Ls, crm-tan, a/a to Ls, gry, fxl-wkstn, ns, n/o



vis 53
wt 8.8
LCM 9#



Ls, wh-gry, wkstn to pkstn, ns, n/o

a/a to sl gran, ns, n/o

Ls, gry, pkstn to grstn, mot'd, ns, n/o

Sh, blk; Ls, crm, gran, some cky, organic stn, ns, n/o

vis 52
wt 8.9
LCM 10.5#

Ls, crm-tan, fxl, r pc gran w sl-fr ingran por, ns, n/o

MUDCO CK 3160
vis 49
wt 8.95
W.L. 7.2
LCM 12#

Ls, wh-crm, mdstn, nvp, ns, n/o

vis 49
wt 8.9
LCM 15#

Considerable Free oil in tray, no source rx found; n/o 3200 sample

NOTE

Ls, crm-brn, fxl to pkstn, ns, n/o

Ls, crm-tan, sl gran, r pc chert, tan, fresh, dse; Sh, blk; ns, /o

vis 52
wt 8.9
LCM 15#

Ls, flesh, fxl, pr vis por, s sl sfo wh bxn, wk odor

Ls, wh, ool, pr-v sl ixool por, sl sfo wh bxn, low rep, v wk odor 3245 sample

Heabner 3231
(-1144)

SH, Blk, platy, sl carb 3250 sample

Ls, wh, pkstn, sl vg por, sl lxl por, spt'd surf stn, v sl sfo wh bxn, low rep, v sl odor 3260

Toronto 3248
(-1161)

Ls, wh, pkstn-grstn, spt'd sl-fr lxl por, spt'd stn, sl-L fr sfo wh bxn, Low rep; poss v wk odor 3280 sample

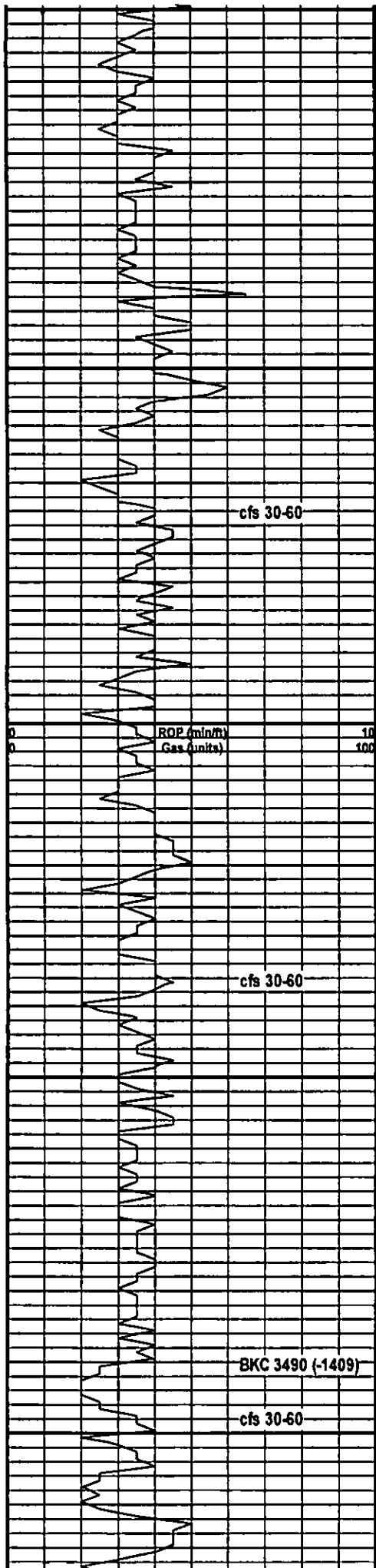
Lansing 3270
(-1183)

Ls, wh, fxl, sl cky, pr vis por, spt'd surf stn, v sl sfo wh bxn, low rep, n/o

vis 54
wt 9.0
LCM 16#

a/a to Ls, wh, ool, sl ool por, spt'd surf stn, sl sfo wh bxn, low rep, poss v wk odor 3300 sample

Chert tan; ls wh-crm fxl ns n/o



3300

Ls, wh, fxl, foss to ool, pr-el ool por, lt sp'd surf stn, v sl sfo, n/o low rep 3320 sample

Ls, wh, foss-ool, lt sp'd surf stn, v sl sfo wh bxn, pr-el ixool por, some w xls on edge, ft odor 3330 sample

Ls, a/a, few pcs fr ixool por, lt sfo, n/o

Ls, crm, fxl to Ls, brn, mdstn, r pc a/a, n/o

Sh, grn; Ls, fxl, sp'd surf stn, nvp, nsfo, n/o, Chert, trans

Ls, wh-brn, mst flx, nvp, r pc sl gran, ns, n/o

Ls, crm, grnstr, even sat'd stn, sl sfo wh bxn, sl odor wh bxn, sl pp to fr lxl por 3370 30 min sample

Ls, brn, mdstn to ool, v sl ool por, v sl sfo wh bxn, low rep; Chert, transl-wh

Chert, tansl to tan; Ls, wh - tan, fxl to ool, pr por, ns, n/o

SH, blk; Ls, wh, fxl, xl growth on edge w oil stn to Ls, brn, ool, pr por, sat'd stn, nsfo, n/o 3410

Ls, wh-lt gry, fxl to Chert, trans, fresh, dse, ns, n/o

Ls, brn, mdstn, sl pp to sl trip por, even surf stn, sl sfo to Ls, tan, sl gran, sl ingran por, sat'd stn, sl sfo wh bxn, wk odor 3435 30 min

Ls, wh, grnstr, sl lxl por, even sat'd stn, sl sfo wh bxn to Ls, tan, sl gran, sl ingran por, sat'd stn, slsfo wh bxn, wk odor 3435 60 min

Ls, wh-crm, fxl, Chert, wh-transl, ns, n/o

Ls a/a to Ls, brn, mdstn, sl pp por, sp'd surf stn, v sl sfo wh bxn, v wk odor 3460

Ls, wh, fxl to ool, pr vis por, sp'd to lt even sat'd stn, sl sfo wh bxn, cal rexln, n/o 3470

Ls, wh, fxl to wkstn, ns, n/o r pc Sh, blk

Ls, wh, sl gran to ool, pr-el por, sl surf stn to sp'd sat'd stn, r sfo, n/o 3500 30 min

Ls, crm, fxl, ns, n/o

Sh, gry, r pc Ls, wh, fxl to sl gran, sp'd stn, nsfo; r pc SS, qtz, argil, cky, sl fri, ns to SS, qtz, brn,

vis 56
wt 9.1
LCM 14#

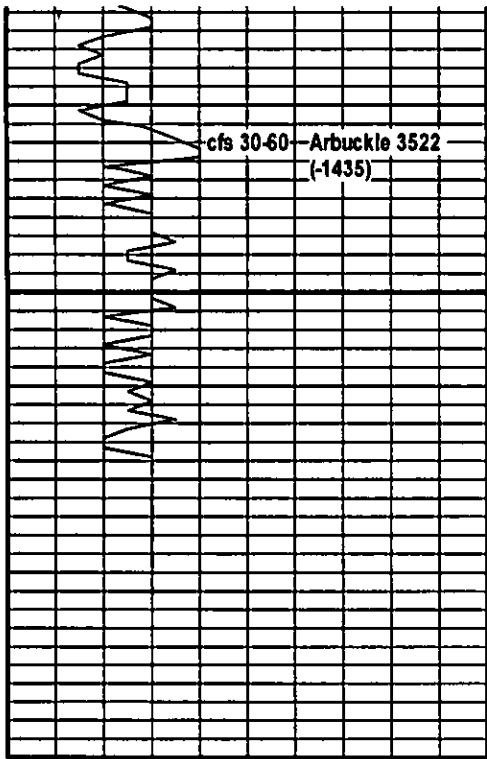
vis 54
wt 9.1
LCM 12#

vis 59
wt 9.2
LCM 15#

MUDCO CK 3500
vis 49
wt 9.4
W.L 9.2
LCM 12#
Chlr 2200

vis 61
wt 8.9
LCM 16#

1000



3550

30

argil, subR, clr xls, tr, ns, n/o

Dolo, clr, suc to fxl, tite, sat'd str, fr sfo wh bxn, sl suc por, some sdy, v low rep 3522 60 min

Dolo, tan, pr-gd pp por to sl vy por, sat'd str, fr-gd sfo to Dolo, wh-salmon, m rhomb xl, sat'd str, fr sfo, wk-fr odor 3528 20 min

Dolo, suc, sat'd str, gd suc por to Dolo, wh, med to lg rhomb xls, fr-gd lxl to fr-gd vg por, gd sfo, strong odor, gd rep 3528 40/60 min

Dolo, crm-wh, fxl to mxl, few a/a, mst barren, decr odor-fr odor 3540 sample

Dolo, wh, med-lg rhomb xls, fr sfo, gd por, many barren, incr in odor, fr-gd odor 3568 sample

Dolo, a/a, sl incr in sfo, sl incr in odor 3568 30

cfs 3528 20-40-60

SHORT TRIP