



**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: \_\_\_\_\_



1085342

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
---	---

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 Bbbs.	Gas Mcf	Water Bbbs.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

**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 Noose 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.

### ROCK TYPES

Anhy  
 Bent  
 Brec  
 Cht

Clyst  
 Coal  
 Congl  
 Dol

Gyp  
 Igne  
 Lmst  
 Meta

Mrlst  
 Salt  
 Shale  
 Shcol

Shgy  
 Sltst  
 Ss  
 Till

### ACCESSORIES

**MINERAL**  
 Anhy  
 Arggrn  
 Arg  
 Bent  
 Bit  
 Brecfrag  
 Calc  
 Carb  
 Chtdk  
 Chtlt  
 Dol  
 Feldspar  
 Ferrpel  
 Ferr  
 Glau

Gyp  
 Hvymin  
 Kaol  
 Marl  
 Minxl  
 Nodule  
 Phos  
 Pyr  
 Salt  
 Sandy  
 Silt  
 Sil  
 Sulphur  
 Tuff

**FOSSIL**  
 Algae  
 Amph  
 Belm  
 Bioclst  
 Brach  
 Bryozoa  
 Cephal  
 Coral  
 Crin  
 Echin  
 Fish  
 Foram  
 Fossil  
 Gastro  
 Oolite

Ostra  
 Pelec  
 Pellet  
 Pisolite  
 Plant  
 Strom

**STRINGER**  
 Anhy  
 Arg  
 Bent  
 Coal  
 Dol  
 Gyp  
 Ls  
 Mrst

Sltstrg  
 Ssstrg

**TEXTURE**  
 Boundst  
 Chalky  
 Cryxln  
 Earthy  
 Finexln  
 Grainst  
 Lithogr  
 Microxln  
 Mudst  
 Packst  
 Wackest

### OTHER SYMBOLS

**POROSITY**  
 Earthy  
 Fenest  
 Fracture  
 Inter  
 Moldic  
 Organic  
 Pinpoint

Vuggy  
**SORTING**  
 Well  
 Moderate  
 Poor

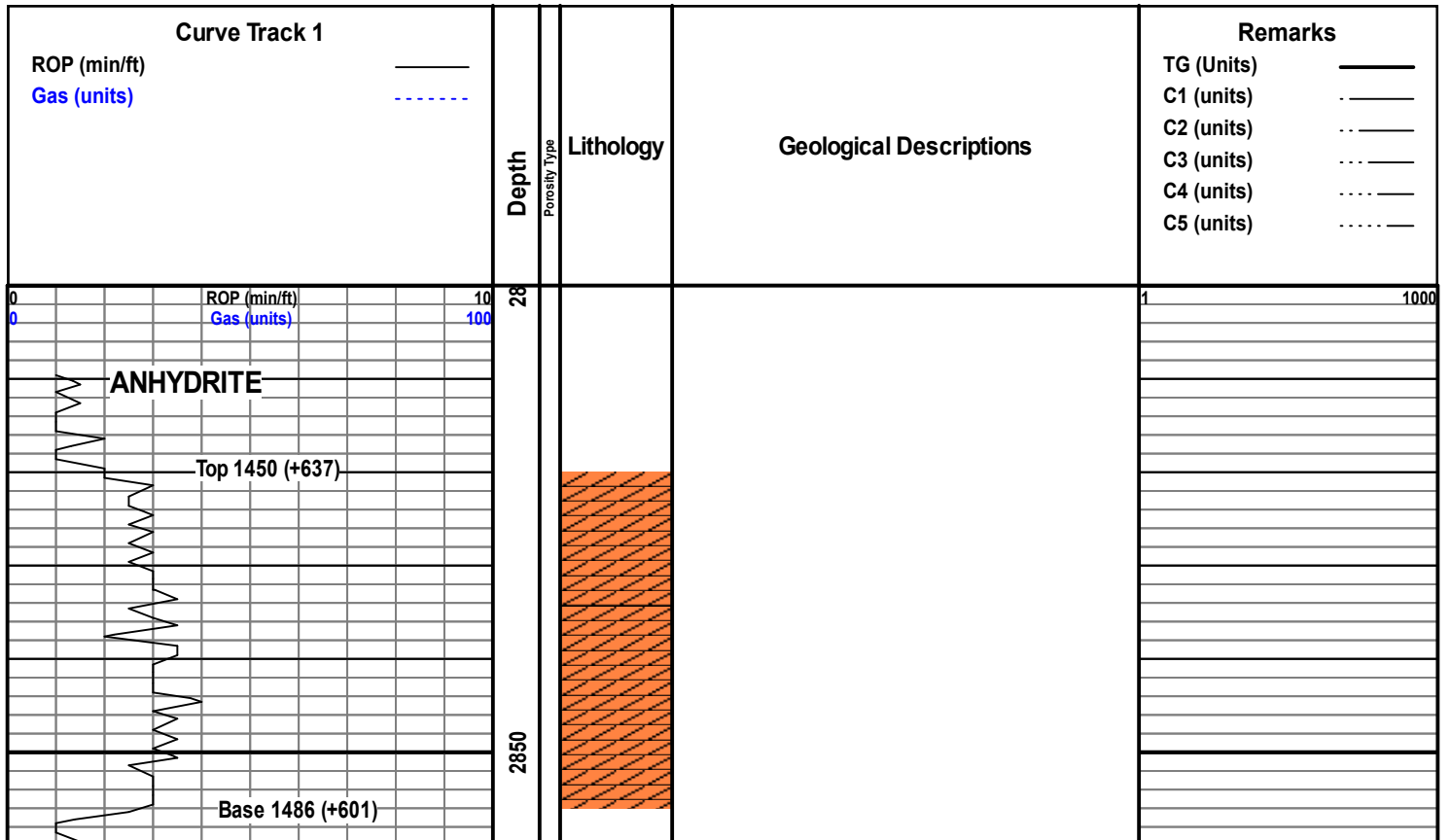
**ROUNDING**  
 Rounded  
 Subrnd  
 Subang  
 Angular

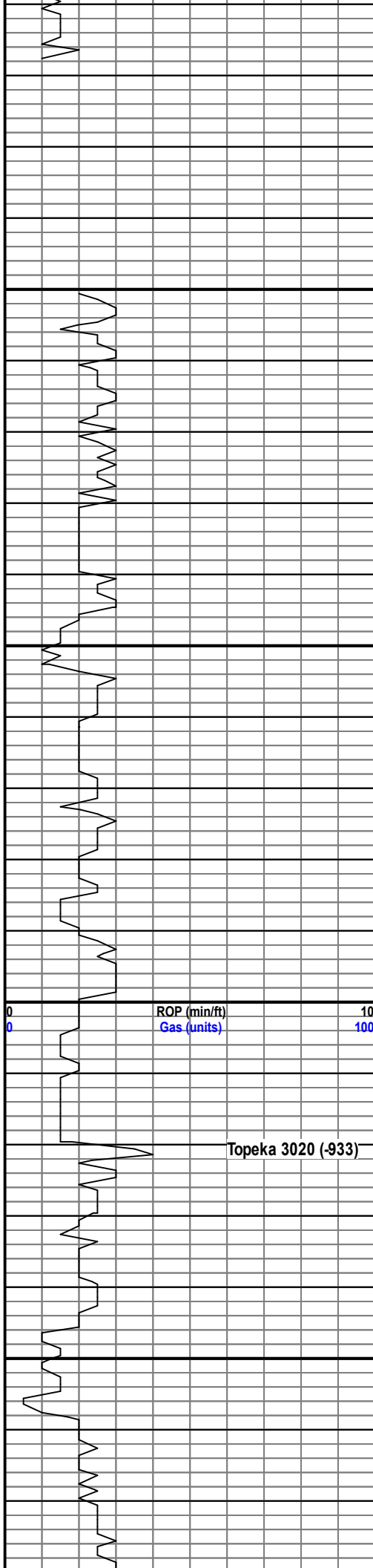
**OIL SHOW**  
 Even

Spotted  
 Ques  
 Dead

**INTERVAL**  
 Core  
 Dst

**EVENT**  
 Rft  
 Sidewall





2900

2950

3000

3050

Sh, gry; Slst, gry, argil

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

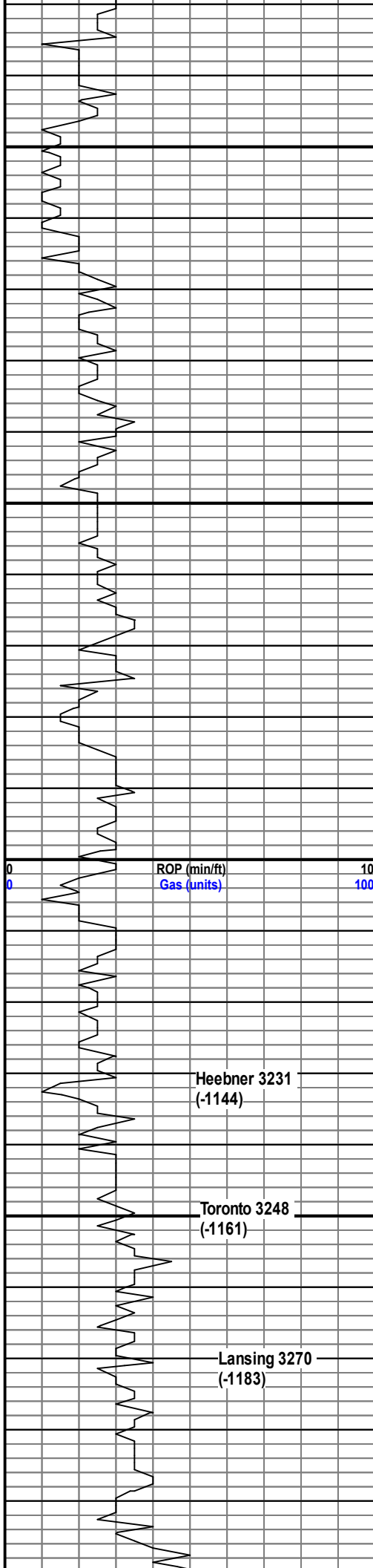
Ls, tan-gry, mdstn, few foss, crin, ns, n/o

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

1 1000

vis 53  
wt 8.8  
LCM 9#



3100

3150

3200

3250

3300

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

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

Ls, gry, pkstn to grnstn, 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

Heebner 3231 (-1144)

SH, Blk, platy, sl carb 3250 sample

Toronto 3248 (-1161)

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

Lansing 3270 (-1183)

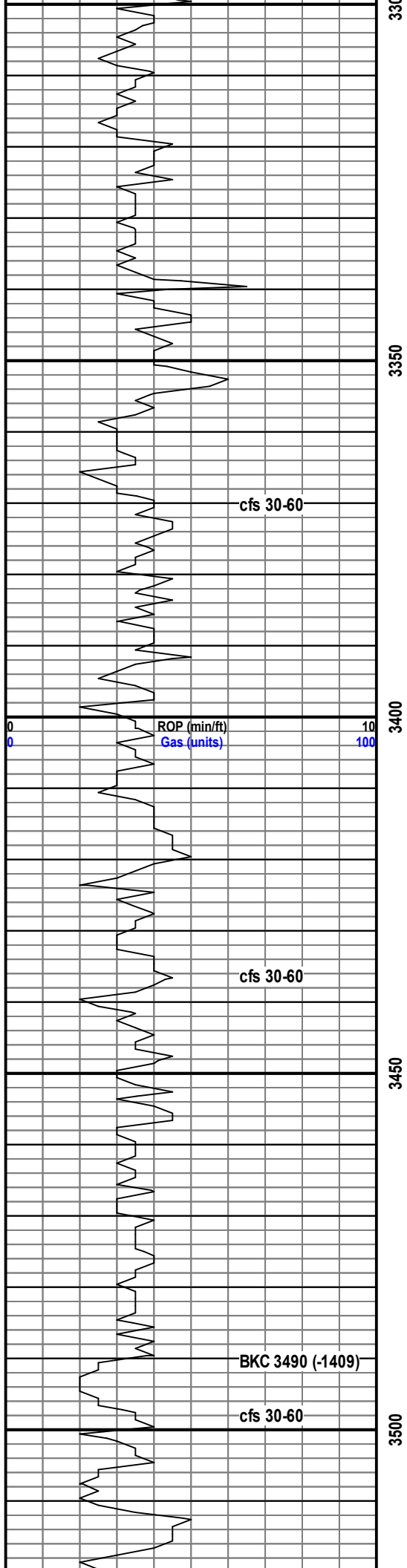
Ls, wh, pkstn-grnstn, spt'd sl-fr ixl por, spt'd stn, sl-L fr sfo wh bxn, Low rep; poss v wk odor 3280 sample

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 tansl; Ls, wh-crm, fxl, ns, n/o



3300  
3350  
3400  
3450  
3500

Chert, tan sl, Ls, wh-crm, fxl, ns, n/o  
Ls, wh, fxl, foss to ool, pr-sl ool por, lt spt'd surf stn, v sl sfo, n/o low rep 3320 sample

Ls, wh, foss-ool, lt spt'd surf stn, v sl sfo wh bxn, pr-sl 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, spt'd surf stn, nvp, nsfo, n/o, Chert, trans

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

Ls, crm, grn stn, even sat'd stn, sl sfo wh bxn, sl odor wh bxn, sl pp to fr ixl 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 ben, wk odor 3435 30 min

Ls, wh, grn stn, sl ixl por, even sat'd stn, sl sfo wh bxn to Ls, tan, sl gran, sl ingran por, sat'd stn, sl sfo 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, spt'd surf stn, v sl sfo wh bxn, v wk odor 3460

Ls, wh, fxl to ool, pr vis por, spt'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-sl por, sl surf stn to spt'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, spt'd stn, nsfo; r pc SS, qtz, argil, cky, sl fri, ns to SS, qtz, brn,

vis 56  
wt 9.1  
LCM 14#

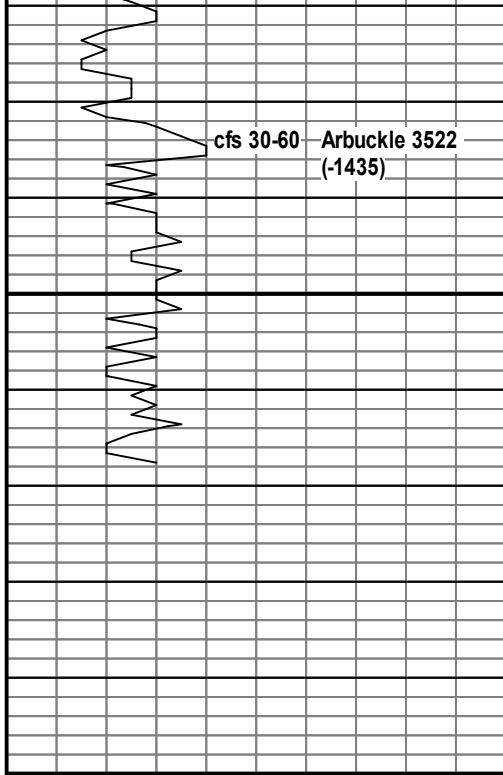
vis 54  
wt 9.1  
LCM 12#

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#

1 1000



3550

00

argill, subR, clr xls, tri, ns, n/o

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

cfs 3528 20-40-60

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

SHORT TRIP

Dolo, suc, sat'd stn, gd suc por to Dolo, wh, med to lg rhomb xls, fr-gd ixl 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



# ALLIED OIL & GAS SERVICES, LLC 056395

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Russell, KS.*

DATE <i>4-25-12</i>	SEC. <i>17</i>	TWP. <i>9 S</i>	RANGE <i>18 W</i>	CALLED OUT	ON LOCATION	JOB START <i>7:30 PM</i>	JOB FINISH <i>8:00 PM</i>
LEASE <i>Higgins</i>	WELL# <i>B-9</i>	LOCATION <i>Plainville KS, 2 x 3 N 2 W</i>			COUNTY <i>ROCK</i>	STATE <i>KANSAS</i>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)							

CONTRACTOR <i>American Eagle Rig #2</i>	OWNER
TYPE OF JOB <i>Cement Surface</i>	CEMENT
HOLE SIZE <i>12 1/4</i> T.D. <i>264</i>	AMOUNT ORDERED <i>170 sx Comm</i>
CASING SIZE <i>2 3/8 New</i> DEPTH <i>262</i>	<i>3% cc</i>
TUBING SIZE <i>23 # CSG</i> , DEPTH	<i>2% GEL</i>
DRILL PIPE DEPTH	COMMON <i>170 SX @ 16.35 2762.50</i>
TOOL DEPTH	POZMIX @
PRES. MAX MINIMUM	GEL <i>4 SX @ 21.25 85.00</i>
MEAS. LINE SHOE JOINT	CHLORIDE <i>6 SX @ 58. 49.20</i>
CEMENT LEFT IN CSG. <i>15'</i>	ASC @
PERFS.	@
DISPLACEMENT <i>15 3/4 BBL</i>	@
EQUIPMENT	@
PUMP TRUCK CEMENTER <i>Glen G.</i>	@
# <i>417</i> HELPER <i>WOODY O.</i>	@
BULK TRUCK	@
# <i>410</i> DRIVER <i>Robert Y.</i>	@
BULK TRUCK	@
# DRIVER	@
HANDLING <i>180 Total SX @ 2.25 405.00</i>	MILEAGE <i>48 Ton Mile @ 11.75 950.40</i>
TOTAL <i>4552.10</i>	

REMARKS:  
*Run & New Joints of 23 # 8 5/8  
Set @ 262, Received Circulation  
& Mixed 170 SX Comm, 3% cc 2% Gel  
Displaced 15 3/4 BBL H<sub>2</sub>O & SHOT  
IN @ 250 #,  
Cement Did Circulate  
to Surface. THANKS*

DEPTH OF JOB	
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE @	
MILEAGE <i>48 HV MI @ 7.00</i>	<i>336.00</i>
MANIFOLD @	
<i>48 LV MI @ 4.00</i>	<i>192.00</i>
@	
TOTAL	<i>1653.00</i>

CHARGE TO: *Tengasco Inc.*  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

@	
@	
@	
@	
@	

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) <i>201.39</i>
TOTAL CHARGES <i>6205.10</i>
DISCOUNT <i>20/50 1684.54</i> IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
SIGNATURE *Keith Karlin*

# ALLIED OIL & GAS SERVICES, LLC 056103

Federal Tax I.D.# 20-5975804

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>1B</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30</u>	JOB FINISH <u>5:00</u>
LEASE <u>Hilger</u>	WELL# <u>B-9</u>	LOCATION <u>Plainsville 2w 34 1/2w</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Sink</u>					

CONTRACTOR Am Taylor #2  
 TYPE OF JOB Pipe - Port Collar  
 HOLE SIZE 7 7/8 T.D. 351.00  
 CASING SIZE 5 1/2 DEPTH 357.2  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL Port collar DEPTH 147.5  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 19'  
 CEMENT LEFT IN CSG. 19'  
 PERFS.  
 DISPLACEMENT Blow 6bl

OWNER

CEMENT

AMOUNT ORDERED 180 ASC

EQUIPMENT

PUMP TRUCK CEMENTER Todd, Robert K.  
 # 479 HELPER Jany  
 BULK TRUCK  
 # 410 DRIVER Edgar  
 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>23.95</u>	<u>479.00</u>
Gyp	<u>22</u>	@	<u>34.20</u>	<u>752.40</u>
		@		
mid float	<u>500 Gal</u>	@	<u>1.27</u>	<u>635.00</u>
		@		
		@		
HANDLING	<u>2.20</u>	@	<u>2.25</u>	<u>508.50</u>
MILEAGE	<u>11,200</u>	@		<u>1243.00</u>
TOTAL				<u>6,627.90</u>

REMARKS:

Per file, Circulated 1 Hr  
mix 12 bbl mid float, 25 lbs in Port Collar  
mixed 150 lb down hole & 14.5# was that clean  
placed plug, Displaced 60 bbl work plug  
& 12,200 ft cement, held  
Plug Done @ 5:15

SERVICE

DEPTH OF JOB	<u>356B</u>
PUMP TRUCK CHARGE	<u>2225.00</u>
EXTRA FOOTAGE	
MILEAGE M/HR	<u>50 @ 7.00 = 350.00</u>
MANIFOLD	
<u>MILV 50 @ 4.00 = 200.00</u>	
<u>Head man 1 @ 200.00 = NC</u>	
TOTAL <u>2775</u>	

CHARGE TO: Keng 610  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

Port shoe	@	<u>168.00</u>
latch down	@	<u>194.00</u>
Centralizer	<u>5 @ 34</u>	<u>170.00</u>
Basket	@	<u>236.00</u>
Port collar	@	<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 20% 2398.08 IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Keith Karlo

# ALLIED OIL & GAS SERVICES, LLC 056408

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell Ks.

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 31 2W 4E</u>			COUNTY <u>ROCK'S</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 \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT T-8.50 / Give 7 1/2 gal  
 EQUIPMENT \_\_\_\_\_

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 #lbs @ 2.70 202.50  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 HANDLING 310 TOTAL SX @ 2.25 697.50  
 MILEAGE 50 @ 11¢ 550.00  
15,500 TOTAL 6762.50

PUMP TRUCK CEMENTER Green G.  
 # 417 HELPER Woody O.  
 BULK TRUCK  
 # 344 DRIVER Kevin W. GB.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

PB TO 354' / Port Collar @ 1474' TEST  
 CSG. TO 800# (HELD). OPEN Port Collar  
 + Received CIRCULATION. Mixed 300 SX Cement  
 + Cement CIRCULATED AROUND ANNULUS. Displaced  
 7 1/2 BBL closed P.C. + Check TO 800# (HELD)  
 RAN IN 5 JOINTS OF 2 7/8 Below P.C. + Washed  
 Clear (22 BBL). Came OUT OF HOPE.  
 Cement DID CIRCULATE TO SURFACE THANKS

**SERVICE**

DEPTH OF JOB 1474'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1925.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 50 HVMI @ 7.00 350.00  
 MANIFOLD yes. @ \_\_\_\_\_  
150 LVMI @ 4.00 200.00  
 @ \_\_\_\_\_

CHARGE TO: TENGASCO INC.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1475.00

**PLUG & FLOAT EQUIPMENT**

\* STATE REP. Pat PEDORA (KCC) 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.

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

SALES TAX (If Any) 274.68  
 TOTAL CHARGES 9237.58  
 DISCOUNT 20/60 2524.00 IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE Harry Wagner

# ALLIED OIL & GAS SERVICES, LLC 056408

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell Ks.

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, 267 3rd St 1/4 E</u>			COUNTY <u>ROCK'S</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Fisher Well Service  
TYPE OF JOB Circulate Cement (Port Collar)

OWNER

HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2 7/8</u>	DEPTH
DRILL PIPE	DEPTH
TOOL <u>Port Collar</u>	DEPTH <u>@ 1474</u>
PRES. MAX <u>800#</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>T-8.50 / Give 2 1/2 gal</u>	
EQUIPMENT	

CEMENT  
AMOUNT ORDERED 300 SX 40 4 1/2 Gal  
60  
Y4# FIO Seal Per SX

COMMON	<u>180 SX</u>	@	<u>16.25</u>	<u>2925.00</u>
POZMIX	<u>120 SX</u>	@	<u>8.50</u>	<u>1020.00</u>
GEL	<u>10 SX</u>	@	<u>21.25</u>	<u>212.50</u>
CHLORIDE		@		
ASC		@		
	<u>FIO Seal 75 #/BS</u>	@	<u>2.70</u>	<u>202.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>310 Total SX</u>	@	<u>2.25</u>	<u>697.50</u>
MILEAGE	<u>50 Total Mile</u>	@	<u>11¢</u>	<u>55.00</u>
	<u>15,500</u>	TOTAL		<u>6762.50</u>

PUMP TRUCK	CEMENTER <u>Glenn G.</u>
# <u>417</u>	HELPER <u>Woody O.</u>
BULK TRUCK	
# <u>344</u>	DRIVER <u>Kevin W. GB.</u>
BULK TRUCK	
#	DRIVER

REMARKS:

PB TO 354' / Port Collar @ 1474' Test  
CSG To 800# (Held), Open Port Collar  
Received Circulation. Mixed 300 SX Cement  
& Cement Circulated Around Annulus. Displaced  
2 1/2 BBL Closed P.C. + Check To 800# (Held)  
Ran in 5 Joints of 2 7/8 Below P.C. + Washed  
Clean (2.2 BBL). Come out of Hole.  
Cement did circulate to surface THANKS

SERVICE

DEPTH OF JOB	<u>1474'</u>		
PUMP TRUCK CHARGE			<u>192.50</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50 HVMI</u>	@	<u>7.00</u>
MANIFOLD	<u>yes.</u>	@	
	<u>150 HVMI</u>	@	<u>4.00</u>
		@	

CHARGE TO: TENGASCO INC.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 3475.00

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

SALES TAX (If Any)	<u>274.68</u>
TOTAL CHARGES	<u>9237.50</u>
DISCOUNT	<u>29/50 2524.00</u>

IF PAID IN 30 DAYS

PRINTED NAME \_\_\_\_\_

SIGNATURE Lang Wagner

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.