

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9953

Name: Harris Oil & Gas Company

Address: 1125 17th Street - Suite 2290

City/State/Zip: Denver Colorado 80202

Purchaser: _____

Operator Contact Person: Doug Hoisington

Phone: (303) 293-8838

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jeff Zoller

Designate Type of Completion:

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: n/a

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back Plug Back Total Depth

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr.?) Docket No. _____

03-05-03 03-12-03 3-12-03

Spud Date or 03-05-03 Date Reached TD 03-12-03 Completion Date or 3-12-03 Recompletion Date

*with KCC
4/10/06*

API No. 15 - 185-23179-00-00

County: Stafford County, Kansas

S/2 S/2 SW Sec. 8 Twp. 22 S. R. 12 East West

100 feet from S N (circle one) Line of Section

1200 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Teichman Unit Well #: 1-8

Field Name: Drach

Producing Formation: Arbuckle

Elevation: Ground: 1875' Kelly Bushing: 1883'

Total Depth: 3816' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 699 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: Bob's Oil Service, Inc.

Lease Name: Teichman SWD License No.: 32408

Quarter SW Sec. 16 Twp. 22 S. R. 12 East West

County: Stafford Docket No.: D 23,722

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Wilson G. Harris

Title: President Date: 07/15/2003

Subscribed and sworn to before me this 15th day of July, 2003

Notary Public: Irish Carney

Date Commission Expires: 3-17-2004

KCC Office Use ONLY

~~DENY~~ Letter of Confidentiality Attached DPW

If Denied, Yes Date: 07-17-03

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Harris Oil & Gas Company Lease Name: Teichman Unit Well #: 1-8
 Sec. 8 Twp. 22 S. R. 12 East West County: Stafford County, Kansas

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run: **Borehole Compensated Sonic
 Dual Compensated Porosity
 Dual Induction
 Microresistivity**

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
(attached)

CASING RECORD New 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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	699'	70/30 Poz	390	3%cc 2%gel
Production	7-7/8"	5-1/2"	15 & 17#	3816'	50/50 Poz	150	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	806'	Standard	50	2% CaCl ₂ ; 15.6 ppg
		Neat Cement	50	15.6 ppg

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
2	Arbuckle "D1"		3744'-47'
2	Arbuckle Lower "C"		3731'-35'
	CIBP	1 sx cement	3728'
2	Arbuckle "B"		3694'-3700'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	3700'	3710'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
04/15/03		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	40	0	10	n/a	38°

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify) _____

RECEIVED
 JUL 17 2003
 KCC WICHITA

HARRIS OIL AND GAS COMPANY

WELL COMPARISON SHEET

Company: Harris Oil and Gas Company
 1125 17th Street Suite 2290
 Denver, CO 80202
 O: 303-293-8838 Fax: 303-293-8853
Bud Harris H: (303) 871-0225 Cel: (303) 881-7079

Well: Teichman Unit 1-8
Location: 100' FSL & 1200' FWL
 Sec. 8 - 22s - 12w
 Stafford Co., KS

Elevation: 1883 KB 1875 GL
Field: Drach
API No.: 15-185-23179
Surface Casing: 8 5/8" set @ 699' KB

Engineer: Doug Hoisington H: (303) 972-9759 Cel: (303) 898-1592

Wellsite Geologist: Jeff Zoller

KS Cel Trailer: (620) 786-0806

Home: (620) 653-7397

Drilling Contractor: Duke Drilling Co. Rig #8 (620) 786-1879

Ks Cel Handheld: (620) 786-0807

Office: (620) 653-2464

Tool Pusher: Rich Wheeler Cel (620) 786-1878

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Harris Oil and Gas Teichman Unit 1-8					Globe Exploration #1 Alpers 'A'				ARCO #1 Teichman			
100' FSL & 1200' FWL					NW SE SE *Open Hole Log				C SW SW *Cased Hole Log Tops			
Sec. 8 - 22s - 12w					Sec. 7 - 22s - 12w		Structural Relationship		Sec. 8 - 22s - 12w		Structural Relationship	
1883 KB					1885 KB				1875 DF			
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Chase	1688	195	1690	193	1682	203	-8	-10				
Winfield	1746	137	1749	134	1742	143	-6	-9				
Neva	2208	-325	2206	-323	2198	-313	-12	-10				
Red Eagle	2294	-411	2295	-412	2284	-399	-12	-13				
Admire	2356	-473	2357	-474	2350	-465	-8	-9				
Tarkio	2647	-764	2647	-764	2640	-755	-9	-9	2636	-761	-3	-3
Howard	2798	-915	2799	-916	2788	-903	-12	-13	2786	-911	-4	-5
Topeka	2886	-1003	2888	-1005	2874	-989	-14	-16	2877	-1002	-1	-3
Heebner	3180	-1297	3182	-1299	3170	-1285	-12	-14	3173	-1298	1	-1
Brown Lime	3317	-1434	3320	-1437	3304	-1419	-15	-18	3308	-1433	-1	-4
Lansing 'B'	3353	-1470	3354	-1471	3340	-1455	-15	-16	3345	-1470	0	-1
Lansing 'F'	3402	-1519	3404	-1521	3388	-1503	-16	-18	3394	-1519	0	-2
Lansing 'G'	3416	-1533	3416	-1533	3404	-1519	-14	-14	3410	-1535	2	2
Lansing 'H'	3460	-1577	3462	-1579	3449	-1564	-13	-15	3453	-1578	1	-1
Stark Shale	3516	-1633	3516	-1633	3504	-1619	-14	-14	3507	-1632	-1	-1
Base KC	3550	-1667	3551	-1668	3538	-1653	-14	-15	3541	-1666	-1	-2
Viola	3590	-1707	3591	-1708	3576	-1691	-16	-17	3587	-1712	5	4
Simpson Shale	3634	-1751	3636	-1753	3624	-1739	-12	-14	3620	-1745	-6	-8
Arbuckle	3690	-1807	3692	-1809	3674	-1789	-18	-20	3677	-1802	-5	-7
Total Depth	3816	-1933	3619	-1736	3729	-1844	-89	108	3681	-1806	-127	70

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

1883 R.B.

Date 3-10-2003 Location 100' FSL - 1200 FWL 8-22-12 Elevation 1875.64 County Stafford

Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 DENVER Colorado 80202

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3314 I.D. Drill Pipe 4.80 Tool Joint Size 4 1/2" X 11/16"

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3337 Bottom Packer Depth 3342 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3342 TO 3430 ANCHOR LENGTH 88 TOTAL DEPTH 3430 Hole Size 7 7/8"

LEASE & WELL NO. Teichman Unit #1-8 FORMATION TESTED Kansas City "A-C" TEST NO. 1

Mud Weight 9.4 Viscosity 38 Water Loss 9.4 Chlorides - Pits 2600 D.S.T. _____

Maximum Temp. 101 °F Initial Hydrostatic Pressure (A) 1644 P.S.I. Final Hydrostatic Pressure (H) 1607 P.S.I.

Tool Open I.F.P. from 7:30 m to 8:15 m 45 min

Tool Closed I.C.I.P. from 8:15 m to 9:00 m 45 min

Tool Open F.F.P. from 9:00 m to 9:15 m 15 min

Tool Closed F.C.I.P. from 9:15 m to 10:45 m 90 min

from [B]	<u>171</u>	P.S.I. to [C]	<u>202</u>	P.S.I.
[D]	<u>907</u>			P.S.I.
from [E]	<u>202</u>	P.S.I. to [F]	<u>210</u>	P.S.I.
[G]	<u>924</u>			P.S.I.

Initial Blow WEAK building blow built to 2 1/2 inches DECREASED to a very weak and

Final Blow NO blow - flushed tool - GOOD SURGE WEAK blow for 2 minutes 2 DREN

Total Feet Recovered 330 Gravity of Oil _____ Corrected _____

0 Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

280 Feet of Drilling Mud no shows % Gas _____ % Oil _____ % Mud _____ % Water

30 Feet of SLIGHTLY Gas cut mud with a few % Gas _____ % Oil _____ % Mud _____ % Water

Feet of Spots of oil on top of the tool % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

RECEIVED

JUL 17 2003

KCC WICHITA

Remarks _____

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 80507 Clock No. Electronic Depth 3423 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3427 Insurance NONE

Price of Job _____

Tool Operator Gene Budy

Approved By _____

Nº 12359

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Teichman Unit #1-8

DST #1

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 03-11-2003 Location 100th St 120th W 8-22-12^W Elevation 1883^{ft} County Stafford
 Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 Denver Colorado 80202

Drilling Contractor Duke Drilling Rig #8
 Length Drill Pipe 3424 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 11

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3445 Bottom Packer Depth 3450 Number of Packers 2 Packer Size 6-3/4"

TESTED FROM 3450 TO 3540 ANCHOR LENGTH 90 TOTAL DEPTH 3540 Hole Size 7 7/8"

EASE & WELL NO. Teichman Unit #1-8 FORMATION TESTED Kansas 1st "H-K" TEST NO. 2

Mud Weight 9.9 Viscosity 38 Water Loss 9.4 Chlorides - Pits 2600 D.S.T. _____

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1714 P.S.I. Final Hydrostatic Pressure (H) 1679 P.S.I.

Tool Open I.F.P. from 3:00 AM to 3:45 AM 45 min

Tool Closed I.C.I.P. from 3:45 AM to 4:30 AM 45 min

Tool Open F.F.P. from 4:30 AM to 5:30 AM 60 min

Tool Closed F.C.I.P. from 5:30 AM to 7:00 AM 90 min

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 7 minutes

Final Blow Good blow built to the bottom of a 5 Gallon bucket in 1 minute & decreased

Total Feet Recovered 102 to a fair blow Gravity of Oil _____ Corrected _____

1950 Feet of Gas in the Pipe % Gas _____ % Oil _____ % Mud _____ % Water _____

45 Feet of Oil & Gas Cut Mud % Gas 10 % Oil 5 % Mud 85 % Water _____

60 Feet of Heavy Gas Cut oily mud % Gas 60 % Oil 18 % Mud 22 % Water 0

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

Extra Equipment - Jars yes Safety Joint yes Extra Packer yes Straddle NONE Hook Wall NONE

Top Recorder No. 20507 Clock No. Electronic Depth 3533 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 1744 Depth 3537 Insurance NONE

Price of Job _____

Tool Operator Gene Buldy

Approved By _____

No. 12360

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Teichman Unit #1-8 DST #2

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 3-12-2003 Location 107 FSL 100^W / W 8-22^S-12^W Elevation 1883^{R6} / 1875⁶⁶ County Platteau

Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 DENVER Colorado 80202

Drilling Contractor Duke Drilling No. 8

Length Drill Pipe 3592 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 6

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3615 Bottom Packer Depth 3620 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3620 TO 3695 ANCHOR LENGTH 75 TOTAL DEPTH 3695 Hole Size 7 7/8"

EASE & WELL NO. Teichman Unit # 1-B FORMATION TESTED Arbuckle TEST NO. 3

Mud Weight 9.9 Viscosity 38 Water Loss 8.8 Chlorides - Pits 3300 D.S.T. _____

Maximum Temp. 116 °F Initial Hydrostatic Pressure (A) 1802 P.S.I. Final Hydrostatic Pressure (H) 1741 P.S.I.

Tool Open I.F.P. from 2:15 A.M. to 2:45 A.M. 30 min from [B] 103 P.S.I. to [C] 255 P.S.I.

Tool Closed I.C.I.P. from 2:45 A.M. to 3:30 A.M. 45 min [D] _____ P.S.I.

Tool Open F.F.P. from 3:30 A.M. to 4:15 A.M. 45 min from [E] 286 P.S.I. to [F] 432 P.S.I.

Tool Closed F.C.I.P. from 4:15 A.M. to 5:45 A.M. 90 min [G] 1178 P.S.I.

Initial Blow Good blow built to the Bottom of a 5 Gallon Bucket in 2 minutes

Final Blow Good blow built to the Bottom of a 5 Gallon Bucket in 2 minutes

Total Feet Recovered 945 Gravity of Oil 38 1/2 Corrected

850 Feet of Gas in the Pipe 100% Gas 0% Oil 0% Mud 0% Water

105 Feet of CLEAN Gassy Oil 45% Gas 55% Oil 0% Mud 0% Water

120 Feet of MUD cut Gassy Oil 55% Gas 15% Oil 30% Mud 0% Water

120 Feet of HEAVY MUD cut Gassy Oil 18% Gas 40% Oil 42% Mud 0% Water

120 Feet of OIL & Gas cut MUD 22% Gas 45% Oil 32% Mud 0% Water

180 Feet of CLEAN Gassy Oil 45% Gas 55% Oil 0% Mud 0% Water

_____ Feet of Gravity 38 1/2 Corrected _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks _____

RECEIVED

JUL 17 2003

KCC WICHITA

Extra Equipment - Jars None Safety Joint YES Extra Packer None Straddle None Hook Wall None

Top Recorder No. 80507 Clock No. Electronic Depth 3588 Cir. Sub None Sampler None

Bottom Recorder No. 13208 Clock No. 47441 Depth 3692 Insurance None

Price of Job _____

Tool Operator Gene Bradley

Approved By _____

No. 12361

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Teichman Unit # 1-B DST # 3

ALLIED CEMENTING CO., INC.

6130

Federal Tax I.D.#

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

SERVICE POINT:
Great Bend.

DATE <u>3-6-03</u>	SEC <u>8</u>	TWP. <u>22</u>	RANGE <u>12 W</u>	CALLED OUT <u>3:00 AM</u>	ON LOCATION <u>4:30 AM</u>	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:30 AM</u>
Teichman Unit LEASE	WELL # <u>1-8</u>	LOCATION <u>K-19 & 281 - 1 East - 1 south</u>			COUNTY <u>Stafford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>E East - North side</u>				

CONTRACTOR Duke G
 TYPE OF JOB Surface pipe
 HOLE SIZE 12 1/4 T.D. 699
 CASING SIZE 8 5/8 DEPTH 699
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 522 lbs MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. approx 45' - double plate
 PERFS. _____
 DISPLACEMENT 43 BBLs

OWNER Harris Oil & Gas
 CEMENT
 AMOUNT ORDERED 390 ex 70/30 3+2

EQUIPMENT
 PUMP TRUCK CEMENTER Jack
 # 181 HELPER _____
 BULK TRUCK
 # _____ DRIVER _____
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>273 lb.</u>	@	<u>6.65</u>	<u>1815.45</u>
POZMIX	<u>117 lb.</u>	@	<u>3.55</u>	<u>415.35</u>
GEL	<u>7 lb.</u>	@	<u>10.00</u>	<u>70.00</u>
CHLORIDE	<u>12 lb.</u>	@	<u>30.00</u>	<u>360.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>409 lb.</u>	@	<u>1.10</u>	<u>449.90</u>
MILEAGE	<u>409 mi 04</u>	@	<u>18</u>	<u>294.48</u>

RECEIVED
 JUL 17 2003
 TOTAL 3405.18

REMARKS:
Run 16 jts of 8 5/8 csg - cement with 390
ex cement - Displace plug with 43 BBL
fresh water - Cement did circ.

KCC WICHITA SERVICE

DEPTH OF JOB	<u>699'</u>		
PUMP TRUCK CHARGE			<u>520.00</u>
EXTRA FOOTAGE	<u>399'</u>	@	<u>.50</u> <u>199.50</u>
MILEAGE	<u>18</u>	@	<u>3.00</u> <u>54.00</u>
PLUG <u>1-8 5/8 Double cup</u>		@	<u>45.00</u> <u>45.00</u>
<u>wood</u>		@	
		@	

Thanks

CHARGE TO: Harris Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 818.50

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

FLOAT EQUIPMENT

<u>1-8 5/8 double plate</u>	@	<u>NC</u>
	@	
	@	
	@	
	@	

TOTAL _____

SIGNATURE Rich Wheeler

TAX _____
 TOTAL CHARGE 4223.68
 DISCOUNT 422.37 IF PAID IN 30 DAYS
N 3801.31
Rich Wheeler
 PRINTED NAME



INVOICE NO.

Subject to Correction

FIELD ORDER

6117

Date **3-13-03**
Customer ID

Lease **TEICHMANN UNIT**
County **STAFFORD**

Well # **1-8**
State **KS.**

Legal **8-22-12**
Station **Pratt, KS.**

Depth **3840'** Formation
Shoe Joint **3840'**

Casing **5 1/2** Casing Depth **3816'** TD
Job Type **LOWESTRONG - WS**

Customer Representative **J. ZOOKER** Treater **K. GORDLEY**

CHARGE

AFE Number PO Number

Materials Received by **X** *[Signature]*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	125 sk.	50/50 P02 CEMENT				
D203	25 sk.	60/40 P02 CEMENT				
C195	107 lb.	FLA-322				
C243	11 lb.	DEFORTMER				
C310	214 lb.	CITRIC ACID				
C311	632 lb.	CAL SET				
C320	214 lb.	CEMENT GEL				
C321	632 lb.	GILSWITE				
C141	2 gal.	CC-1				
C304	500 gal.	SUPERFLUSH II				
F101	7 EA.	5 1/2 TURBOLIZER				
F191	1 EA.	5 1/2 GUIDE SHOE				
F231	1 EA.	5 1/2 AEM INSERT FRONT				
F143	1 EA.	5 1/2 TOP RUBBER RING				
E107	150 sk.	CEMENT SERV. CHARGE				
E100	40 mile	UNITS MILES				
E104	258 TM	TONS MILES				
R208	1 EA.	EA. 3816' PUMP CHARGE				
R201	1 EA.	CEMENT HEAD PUMP				
R202	1 EA.	CASING SWIVEL				
PRICE =				5241.87		

10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383

TOTAL



TREATMENT REPORT

Customer ID	Date
Customer <i>HARRIS OIL & GAS</i>	<i>3-13-03</i>
Lease <i>TEICHMAN UNIT</i>	Lease No.
	Well # <i>1-8</i>

Field Order # <i>0117</i>	Station <i>PRATT, KS</i>	Casing <i>5 1/2</i>	Depth <i>3816'</i>	County <i>STAFFORD</i>	State <i>KS</i>
Type Job <i>LONG STRONG - NEW WELL</i>	Formation <i>TD-3816'</i>	Legal Description <i>8-22-12</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>3816</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>3778'</i>	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>J. ZOLLER</i>	Station Manager <i>D. HENRY</i>	Treater <i>K. GORDLEY</i>
--	---------------------------------	---------------------------

Service Units	<i>107</i>	<i>27</i>	<i>44</i>	<i>72</i>
---------------	------------	-----------	-----------	-----------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0630</i>					<i>ON LOCATION</i>
					<i>RUN 3818' 5 1/2" CASING</i>
					<i>RUN GUIDE SHOES, INSERT FLOAT</i>
					<i>IN 1st COLLAR. CENT. - 1-2-3-5-8-10-12</i>
					<i>TRG BOTTOM - DROP BALL - BREAK CIRC.</i>
					<i>ROTATE CASING</i>
<i>1205</i>	<i>200</i>		<i>20</i>	<i>6</i>	<i>PUMP 20 bbl 2% KCL H₂O</i>
	<i>200</i>		<i>12</i>	<i>6</i>	<i>PUMP 12 bbl SUPERFLUSH</i>
	<i>200</i>		<i>3</i>	<i>6</i>	<i>PUMP 3 bbl H₂O SPACER</i>
					<i>MIX CEMENT</i>
	<i>100</i>		<i>34</i>	<i>6</i>	<i>125 SK. 50/50 POZ 5[#] SK GRASSWATER</i>
					<i>5[#] SK CMC SET, 1% PUA-322, -1% DEFORMER</i>
					<i>2% C.C. - 14.0 ppg, 1.56 #/SK</i>
					<i>SHUT DOWN - WASHLINE - DROP PLUG</i>
	<i>0</i>		<i>0</i>	<i>7</i>	<i>START DESP</i>
	<i>200</i>		<i>65</i>	<i>7</i>	<i>LIFT CEMENT</i>
	<i>300</i>		<i>80</i>	<i>4</i>	<i>SLOW RATE</i>
<i>1315</i>	<i>1000</i>		<i>89.5</i>	<i>4</i>	<i>PUG DOWN - RELEASE - HEAD</i>
			<i>25 SK. 69/40 POZ</i>		<i>PUG RH & MHA</i>

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383



INVOICE NO.
Date **3-27-03**
Customer ID

Subject to Correction

FIELD ORDER 5847

Lease **Teichman Unit** Well # **1-8** Legal **8-225-12w**
 County **Stafford** State **KS** Station **Pratt KS**
 Depth **15.3 ppf** Formation **Wrt 2** Shoe Joint **20' Requested**
 Casing **5 1/2** Casing Depth **3800 PBD** TD **3819** Job Type **Squeeze down Well**
 Customer Representative **Jeff Zoller** Treater **D. Scott**

CHARGE

AFE Number PO Number Materials Received by **X** *J. Zoller 3/27/03*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	100sk	Common Cmt	✓			
C310	94 lb	Calcium Chloride	✓			
E109	100sk	Cmt Serv Chg				
E100	1ca	UNITS /way MILES 40				
E104	188tm	TONS /way MILES 40				
R302	1ca	EA. 50'-1000' PUMP CHARGE				
Discounted Price =				1926.67		

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 **TOTAL**



TREATMENT REPORT

Customer ID		Date	
Customer <i>Harris Oil & Gas</i>		<i>3-27-03</i>	
Lease <i>Teichman Unit</i>		Lease No.	Well # <i>1-8</i>

Field Order # <i>3847</i>	Station <i>Pratt HS</i>	Casing <i>5 1/2</i>	Depth <i>3800</i>	County <i>Stafford</i>	State <i>KS</i>
Type Job <i>Squeeze Perfi New Well</i>			Formation	Legal Description <i>8-22s-12w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>3 1/2</i>	Tubing Size	Shots/Ft <i>4</i>		Acid <i>50% Std 2% CC</i>		RATE	PRESS	ISIP
Depth <i>770</i>	Depth	From <i>866</i>	To	Pre Pad <i>50% Neat</i>		Max	<i>500</i>	5 Min.
Volume <i>18.3</i>	Volume	From	To	Pad <i>7.18% 13.6 ppg</i>		Min		10 Min.
Max Press	Max Press	From	To	Frac <i>21 Bbl: 1L</i>		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Jeff Zoller</i>	Station Manager <i>Dave Austry</i>	Treater <i>D. Scott</i>
Service Units <i>106 35 57 39 76</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0960</i>					<i>On loc w/Trk. Safety mtg</i>
<i>0922</i>		<i>1250</i>	<i>3</i>	<i>0</i>	<i>Tbg @ 736 500psi Drop in No Rate</i>
<i>0931</i>		<i>500</i>	<i>3</i>	<i>0</i>	<i>CK Tbg @ 786' Good</i>
<i>0939</i>		<i>500</i>	<i>2</i>	<i>0</i>	<i>CK Tbg @ 780' Good</i>
<i>0943</i>		<i>500</i>	<i>2</i>	<i>0</i>	<i>CK Tbg @ 770' Good</i>
					<i>Leak from 736-770' wait on Perforations</i>
					<i>perfd for Squeeze Perfi 806'</i>
<i>1138</i>	<i>300</i>		<i>20</i>	<i>3</i>	<i>Estb Circ w/H2O Good Circ</i>
<i>1142</i>	<i>300</i>		<i>10.5</i>	<i>3</i>	<i>Mix 50% Std 2% CC @ 13.6 ppg</i>
<i>1145</i>	<i>250</i>		<i>10.5</i>	<i>3</i>	<i>Mix 50% Neat Cmt @ 13.6 ppg</i>
<i>1150</i>	<i>0</i>		<i>5</i>	<i>5</i>	<i>Chase In & Wash Pump & line</i>
<i>1154</i>	<i>100</i>			<i>1.5</i>	<i>St Disp w/H2O & Chase 8 5/8 Head</i>
<i>1205</i>	<i>200</i>		<i>18</i>	<i>0</i>	<i>18 Bbl Disp out Shut Down</i>
<i>1328</i>	<i>400</i>		<i>18.0</i>		<i>psi Squeeze & Chase In w. H</i>
					<i>Job Complete</i>
					<i>Thank you</i>
					<i>Scotty</i>

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383