

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RELEASED  
FROM  
CONFIDENTIAL

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Operator: License # 9953  
Name: Harris Oil & Gas Company  
Address: 1125 17th Street - Suite 2290  
City/State/Zip: Denver, Colorado 80202  
Purchaser: LINK Energy (formerly EOTT Energy)  
Operator Contact Person: Bud Harris  
Phone: (303) 293-8838  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Jeff Zoller

API No. 15 - 185-23189-00-00  
County: Stafford County, Kansas  
SW SW SW Sec. 1 Twp. 22 S. R. 13  East  West  
330' feet from (S) N (circle one) Line of Section  
150 feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW (SW)  
Lease Name: Drach Unit B Well #: 1-1  
Field Name: Drach  
Producing Formation: Arbuckle

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: n/a

Elevation: Ground: 1883' Kelly Bushing: 1891'  
Total Depth: 3864' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 736 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 3864'  
feet depth to 3500'± w/ 125 sx cmt.

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. \_\_\_\_\_  
06-24-03 07-01-03 07/25/03  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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: CONSERVATION DIVISION WICHITA, KS  
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

RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 22 2003

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: W.G. Harris  
Title: President Date: 10/21/03  
Subscribed and sworn to before me this 21st day of October, 2003  
Notary Public: Bruce Carney  
Date Commission Expires: 3-17-2004

KCC Office Use ONLY  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Harris Oil & Gas Company Lease Name: Drach Unit B Well #: 1-1  
 Sec. 1 Twp. 22 S. R. 13  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)

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

List All E. Logs Run: **Borehole Compensated Sonic,  
 Dual Compensated Porosity,  
 Dual Induction,  
 Microresistivity, and  
 Sonic Cement Bond**

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	# Sacs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	736'	70/30 Poz	190	3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	3859'	50/50 Poz	150	4% gel, 5# <b>Gislonite</b>

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3424'-26'	Class A	50	Squeeze Lansing Interval

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
4	3712'-16'	natural	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	3809'	3839'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. **08/01/03**  
 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours  
 Oil **28** Bbls. Gas **n/a** Mcf Water **10** Bbls. Gas-Oil Ratio Gravity **35°**

Disposition of Gas METHOD OF COMPLETION **natural** Production Interval **Arbuckle**  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify)

OCT 22 2003

# HARRIS OIL AND GAS COMPANY

## WELL COMPARISON SHEET

CONSERVATION DIVISION  
WICHITA, KS

Company: Harris Oil and Gas Company

1150 17th Street Suite 2290

Denver, CO 80202

O: 303-293-8838 Fax: 303-293-8853

Bud Harris H: (303) 874-0225 Cel: (303) 881-7079

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

Well: Drach Unit 'B' 1-1  
Location: 330' FSL & 150' FWL  
Sec. 1 - 22s - 13w  
Stafford Co., KS

Elevation: 1891 KB 1883 GL

Field: Drach

API No.: 15-185-23189

Surface Casing: 8 5/8" set @ 736' KB

Wellsite Geologist: Jeff Zoller  
Cel: (620) 786-0807  
Home: (620) 653-7397

Drilling Contractor: Duke Drilling Co. Rig #8 (620) 786-1879  
Tool Pusher: Rich Wheeler Cel (620) 786-1878

### DRILLING WELL

HOGC Drach Unit 'B' 1 -1  
330' FSL & 150' FWL  
Sec. 1 - 22s - 13w  
1891 KB

Formation	Sample	Sub-Sea	Log	Sub-Sea
Anhydrite	724	1167	720	1171
Chase	1728	163	1728	163
Winfield	1786	105	1784	107
Heebner	3210	-1319	3204	-1313
Toronto	3230	-1339	3225	-1334
Douglas Shale	3246	-1355	3240	-1349
Brown Lime	3341	-1450	3336	-1445
Lansing 'A'	3357	-1466	3352	-1461
Lansing 'B'	3374	-1483	3369	-1478
Lansing 'F'	3424	-1533	3418	-1527
Lansing 'G'	3434	-1543	3432	-1541
Lansing 'H'	3480	-1589	3472	-1581
Lansing 'J'	3514	-1623	3510	-1619
Stark Shale	3536	-1645	3528	-1637
Base KC	3566	-1675	3560	-1669
Viola	3612	-1721	3606	-1715
Simpson Shale	3656	-1765	3650	-1759
Arbuckle	3706	-1815	3700	-1809
Total Depth	3864	-1973	3860	-1969

### COMPARISON WELL

Plains Exploration No. 6 Batman  
SE SE SE Dry Hole \*Scout Card  
Sec. 2 - 22s - 13w  
1886 KB

		Structural Relationship	
Log	Sub-Sea	Sample	Log
3209	-1323	4	10
3343	-1457	7	12
3365	-1479	13	18
3589	-1703	28	34
3621	-1735	14	20
3687	-1801	36	42
3765	-1879	64	70
3790	-1904	-69	-65

### COMPARISON WELL

Anschutz Oil Co., Inc No. 1 Love  
N/2 NE SW Aband. Prod. \*Log Tops  
Sec. 1 - 22s - 13w  
1885 KB

		Structural Relationship	
Log	Sub-Sea	Sample	Log
3182	-1297	-22	-16
3202	-1317	-22	-17
3218	-1333	-22	-16
3313	-1428	-22	-17
3331	-1446	-20	-15
3347	-1462	-21	-16
3396	-1511	-22	-16
3410	-1525	-18	-16
3452	-1567	-22	-14
3486	-1601	-22	-18
3506	-1621	-24	-16
3539	-1654	-21	-15
3587	-1702	-19	-13
3632	-1747	-18	-12
3683	-1798	-17	-11
3702	-1817	-156	-152

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Superior Testers Enterprises, Inc.  
R.R. 3, Box 295B, Great Bend, Kansas 67530  
(316) 792-6902

Date 06-28-2003 Location 180' SW-SW-SW 1-22-13 Elevation 1891 KB County Stafford  
Company HARRIS OIL & GAS COMPANY Number of Copies 5  
Charts Mailed to 1125 17<sup>th</sup> Street Suite 2290 DENVER COLORADO 80202  
Drilling Contractor DUKE DRILLING INC #8  
Length Drill Pipe 3321 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X H  
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 3342 Bottom Packer Depth 3347 Number of Packers 2 Packer Size 6 3/4"  
TESTED FROM 3347 TO 3458 ANCHOR LENGTH 111 TOTAL DEPTH 3458 Hole Size 7 1/8"  
LEASE & WELL NO. DUKE Unit "B" #1-1 FORMATION TESTED LANSING "A-G" TEST NO. 1  
Mud Weight 9.4 Viscosity 54 Water Loss 10.3 Chlorides - Pits 5000 D.S.T. 1652  
Maximum Temp. 123 °F Initial Hydrostatic Pressure (A) 1695 P.S.I. Final Hydrostatic Pressure (H) \_\_\_\_\_ P.S.I.

Tool Open I.F.P. from 5:15 p.m. to 6:00 p.m. 45 min  
Tool Closed I.C.I.P. from 6:00 p.m. to 6:45 p.m. 45 min  
Tool Open F.F.P. from 6:45 p.m. to 7:45 p.m. 60 min  
Tool Closed F.C.I.P. from 7:45 p.m. to 9:15 p.m. 90 min

from [B] 101 P.S.I. to [C] 158 P.S.I.  
[D] 893 P.S.I.  
from [E] 169 P.S.I. to [F] 212 P.S.I.  
[G] 894 P.S.I.

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 10 minutes  
Final Blow Fair blow built to the bottom of a 5 Gallon bucket in 6 minutes  
Total Feet Recovered 330 Gravity of Oil \_\_\_\_\_ Corrected

120 Feet of Gassy mud % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_  
210 Feet of Gassy frothy oil % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_  
Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_  
Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_  
Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_  
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Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

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KANSAS CORPORATION COMMISSION  
OCT 22 2003  
CONSERVATION DIVISION  
WICHITA, KS

Remarks GENE CELL 786-0664  
Stirling 793-0971

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE  
Top Recorder No. 78225 Clock No. ELSETRONIC Depth 3451 Cir. Sub NONE Sampler NONE  
Bottom Recorder No. 11088 Clock No. 47441 Depth 3455 Insurance NONE

Price of Job \_\_\_\_\_  
Tool Operator Sen Budy  
Approved By \_\_\_\_\_  
No 14100

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, of 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.

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# Superior Testers Enterprises, Inc.

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

(316) 792-6902

OCT 21 2003

Date 6-29-2003 Location 85°W / SW-SW-SW 1-22-13 W Elevation 1891 N.B. 18836 L County STAFFORD

Company HARRIS OIL & GAS COMPANY Number of Copies 5

Charts Mailed to 1175 17th Street Suite 2200 DENVER 80202

Drilling Contractor DUKE DRILLING RIG #8

Length Drill Pipe 3446 I.D. Drill Pipe 3.80 Tool Joint Size 2 1/2 X 1 1/2

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 3467 Bottom Packer Depth 3472 Number of Packers \_\_\_\_\_ Packer Size \_\_\_\_\_

TESTED FROM 3472 TO 3552 ANCHOR LENGTH 80 TOTAL DEPTH 3552 Hole Size 2 7/8

LEASE & WELL NO. Drack Unit "8" #1-1 FORMATION TESTED LANSING "H-K" TEST NO. 2

Mud Weight 9.3 Viscosity 45 Water Loss 10.0% Chlorides - Pits 5300 D.S.T. \_\_\_\_\_

Maximum Temp. 123 °F Initial Hydrostatic Pressure (A) 1761 P.S.I. Final Hydrostatic Pressure (H) 1698 P.S.I.

Tool Open I.F.P. from 10:00 A.M. to 10:45 A.M. 45 min

Tool Closed I.C.I.P. from 10:45 A.M. to 11:30 A.M. 45 min

Tool Open F.F.P. from 11:30 A.M. to 12:30 P.M. 60 min

Tool Closed F.C.I.P. from 12:30 P.M. to 2:00 P.M. 90 min

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 3 minutes

Final Blow Strong blow

Total Feet Recovered 1208 Gravity of Oil \_\_\_\_\_ Correcte

30 Feet of oil cut mud % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

1178 Feet of CLEAN Gassy oil % 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 \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of MAX GAS GAUGE WAS .747 MCP % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Remarks \_\_\_\_\_

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

Top Recorder No. 78225 Clock No. ELECTRONIC Depth 3545 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47441 Depth 3599 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Gene Buehig

Approved By 12420

from [B] <u>105</u> P.S.I. to [C] <u>268</u> P.S.I.
[D] <u>904</u> P.S.I.
from [E] <u>287</u> P.S.I. to [F] <u>432</u> P.S.I.
[G] <u>901</u> P.S.I.

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KANSAS CORPORATION COMMISSION

OCT 22 2003

CONSERVATION DIVISION  
WICHITA, KS

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.

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Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530 (316) 792-6902

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OCT 21 2003

Date 06-30-2003 Location 180 1/4 SW SW 20 1-22-13 W Elevation 1891 Kft 1883 66 County Staffed Number of Copies 5

Company Harris Oil & Gas Company Charts Mailed to 1175 17th Street Suite 2200 Denver Colorado 80202

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Drilling Contractor Duke Drilling 216#8 Length Drill Pipe 3624 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" 1 1/2" 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 3645 Bottom Packer Depth 3650 Number of Packers 2 Packer Size 6 3/4" TESTED FROM 3650 TO 3718 ANCHOR LENGTH 68 TOTAL DEPTH 3718 Hole Size 2 1/8"

LEASE & WELL NO. Drake Unit 18" #1-1 FORMATION TESTED Arbuckle TEST NO. 3 Mud Weight 9.3 Viscosity 45 Water Loss 10.9 Chlorides - Pits 5300 D.S.T. 13 Maximum Temp. 131 °F Initial Hydrostatic Pressure (A) 1924 P.S.I. Final Hydrostatic Pressure (H) 1713 P.S.I.

Tool Open I.F.P. from 6:30 Am to 7:00 Am 30 min Tool Closed I.C.I.P. from 7:00 Am to 7:45 Am 45 min Tool Open F.F.P. from 7:45 Am to 8:45 Am 60 min Tool Closed F.C.I.P. from 8:45 Am to 10:15 Am 90 min

from [B] 228 P.S.I. to [C] 321 P.S.I. [D] 858 P.S.I. from [E] 400 P.S.I. to [F] 571 P.S.I. [G] 785 P.S.I.

Initial Blow Good blow built to the bottom of a 5 Gallon bucket in 1 1/2 minutes Final Blow Good blow built to the bottom of a 5 Gallon bucket in 2 minutes Total Feet Recovered 1510 Gas to surface in 32 minutes on 2nd flow Gravity of Oil Corrected

1490 Feet of CLAW Gassy Oil % Gas % Oil % Mud % Water 20 Feet of HEAVY MUD CUT Gassy Oil % 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 Feet of % Gas % Oil % Mud % Water

RECEIVED KANSAS CORPORATION COMMISSION OCT 22 2003 CONSERVATION DIVISION WICHITA, KS

Remarks

Extra Equipment - Jars YES Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE Top Recorder No. 78225 Clock No. Electronic Depth 3711 Cir. Sub NONE Sampler NONE Bottom Recorder No. 11088 Clock No. 47441 Depth 3715 Insurance NONE

Price of Job Tool Operator Gene Budig Approved By No. 12427

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Superior Testers Enterprises, Inc.

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

(316) 792-6902

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FROM

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Date 6-30-2003 Location 10 1/2 W SW-SW-SW 1-22-13 W Elevation 1883 ft County Stafford Number of Copies 5 OCT 21 2003

Company HARRIS OIL & GAS COMPANY Charts Mailed to 1175 17th Street Suite 2200 DENVER COLORADO 80202 CONFIDENTIAL

Drilling Contractor Duke Drilling 21248 Length Drill Pipe 3688 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" x 1 1/2"

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 3713 Bottom Packer Depth 3718 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3718 TO 3926 ANCHOR LENGTH 8 TOTAL DEPTH 3926 Hole Size 7 7/8"

LEASE & WELL NO. Drake Unit #6 1/4-1 FORMATION TESTED Arbuckle TEST NO. 4

Mud Weight 9.4 Viscosity 54 Water Loss 10.4 Chlorides - Pits 5800 D.S.T.

Maximum Temp. 130 °F Initial Hydrostatic Pressure (A) 1825 P.S.I. Final Hydrostatic Pressure (H) 1743 P.S.I.

Tool Open I.F.P. from 8:00 p.m. to 8:30 p.m. 30 min

Tool Closed I.C.I.P. from 8:30 p.m. to 9:15 p.m. 45 min

Tool Open F.F.P. from 9:15 p.m. to 10:15 p.m. 60 min

Tool Closed F.C.I.P. from 10:15 p.m. to 11:45 p.m. 90 min

Initial Blow Good blow built to the bottom of a 5 Gallon bucket in 30 seconds

Final Blow Fair blow built to the bottom of a 5 Gallon bucket in 2 minutes with

Total Feet Recovered 1797 Gas to Surface in 57 minutes Gravity of Oil 35 Corrector

1767 Feet of CLEAN Gassy Oil Gravity 35 % Gas % Oil % Mud % Water

30 Feet of HEAVY mud cut Gassy Oil % 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

Feet of % Gas % Oil % Mud % Water

Feet of % Gas % Oil % Mud % Water

Remarks

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

Top Recorder No. 78225 Clock No. Electronic Depth 3706 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 12208 Clock No. 47442 Depth 3704 Insurance NONE

Price of Job

Tool Operator Gene Budig

Approved By

109 12428

from [B] 95 P.S.I. to [C] 288 P.S.I. [D] 666 P.S.I. from [E] 374 P.S.I. to [F] 535 P.S.I. [G] 683 P.S.I.

RECEIVED KANSAS CORPORATION COMMISSION

OCT 22 2003

CONSERVATION DIVISION WICHITA, KS

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CONFIDENTIAL

ORIGINAL

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 07-01-2003 Location 189<sup>th</sup> St. W. 1-22<sup>nd</sup> St. W. 1-22<sup>nd</sup> St. W. 1-22<sup>nd</sup> St. W. Elevation 1891 K.B. County Stafford

KCC

OCT 21 2003

Company Hacci's Oil & Gas Company Number of Copies 5

Charts Mailed to 1175 17<sup>th</sup> Street Suite 2200 Denver Colorado 80303

Drilling Contractor Duke Drilling Rig #8 RELEASED

CONFIDENTIAL

Length Drill Pipe 3700 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X. H.

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 3722 Bottom Packer Depth 3727 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3727 TO 3736 ANCHOR LENGTH 9 TOTAL DEPTH 3736 Hole Size 7 7/8

LEASE & WELL NO. Drake Unit "B" #1-1 FORMATION TESTED Arbuckle TEST NO. 5

Mud Weight 9.9 Viscosity 38 Water Loss 10.9 Chlorides - Pits 6700 D.S.T. 14000

Maximum Temp. 131 °F Initial Hydrostatic Pressure (A) 1769 P.S.I. Final Hydrostatic Pressure (H) 1709 P.S.I.

Tool Open I.F.P. from 10:15 A.m. to 10:45 A.m. 30 min

from [B] <u>125</u> P.S.I. to [C] <u>447</u> P.S.I.
[D] <u>1031</u> P.S.I.
from [E] <u>518</u> P.S.I. to [F] <u>805</u> P.S.I.
[G] <u>1078</u> P.S.I.

Tool Closed I.C.I.P. from 10:45 A.m. to 11:30 A.m. 45 min

Tool Open F.F.P. from 11:30 A.m. to 12:30 P.m. 60 min

Tool Closed F.C.I.P. from 12:30 P.m. to 2:00 P.m. 90 min

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 80 seconds

Final Blow Fair blow built to the bottom of a 5 Gallon bucket in 1 minute & 20 seconds

Total Feet Recovered 750 Feet of Gas in the P.P. % Gas 1 % Oil 0 % Mud 0 % Water 0

1850 Feet of Water with a very slight show of oil % Gas 0 % Oil 0 % Mud 0 % Water 0

14000 Feet of CHLORIDES 14000 % Gas 0 % Oil 0 % Mud 0 % 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 \_\_\_\_\_

Remarks \_\_\_\_\_

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

Top Recorder No. 78225 Clock No. Electronic Depth 3719 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11089 Clock No. 42441 Depth 3733 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Dene Budij

Approved By 12429

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.

RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 22 2003  
CONSERVATION DIVISION  
WICHITA, KS



CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

15484

Federal Tax I.D. [REDACTED]

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

RELEASED FROM

SERVICE POINT: Crest Bend

DATE <u>6-25-03</u>	SEC. <u>1</u>	TWP. <u>22</u>	RANGE <u>13W</u>	CALLS OUT <u>CONFIDENTIAL</u>	ON LOCATION <u>ADAM</u>	JOB START <u>4:00 AM</u>	JOB FINISH <u>5:00 AM</u>
Drinch Unit LEASE	WELL # <u>1-1</u>	LOCATION <u>1-19 + 281 - 4 west -</u>			COUNTY <u>Stafford</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>North East corner</u>			

KCC

OCT 21 2003

CONTRACTOR Dube 8

TYPE OF JOB \_\_\_\_\_

HOLE SIZE 12 1/4 T.D. 736

CASING SIZE 8 5/8 DEPTH 736

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. approx 40' - 3" Barite Plug

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Harris Oil

CEMENT AMOUNT ORDERED 390.5x 70/30 34 2

CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER Tack

# 120 HELPER T.D.

BULK TRUCK # 344 DRIVER Steve

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>293.04</u>	@	<u>7.15</u>	<u>1951.95</u>
POZMIX	<u>117.24</u>	@	<u>3.80</u>	<u>444.60</u>
GEL	<u>7.14</u>	@	<u>10.00</u>	<u>70.00</u>
CHLORIDE	<u>12.14</u>	@	<u>30.00</u>	<u>360.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>409.44</u>	@	<u>1.15</u>	<u>470.35</u>
MILEAGE	<u>409.44</u>	@	<u>18</u>	<u>368.10</u>
TOTAL				<u>3665.00</u>

REMARKS:

Run 180 lbs of 8 5/8 Bag - Cement with 370 sy Cement - Displace plug with 46 BBL's of Fresh water - Cement Did Cin

Thanks

SERVICE

DEPTH OF JOB	_____			
PUMP TRUCK CHARGE	_____		<u>520.00</u>	
EXTRA FOOTAGE	<u>436'</u>	@	<u>50</u>	
MILEAGE	<u>18</u>	@	<u>3.50</u>	
PLUG	<u>1-8 5/8 Double cup word</u>	@	<u>45.00</u>	
		@		
		@		
TOTAL				<u>846.00</u>

CHARGE TO: HARRIS OIL

STREET \_\_\_\_\_

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

RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 22 2003

To Allied Cementing Co., Inc. CONSERVATION DIVISION  
WICHITA, KS  
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

1-8 5/8 centralizer	@	<u>55.00</u>	<u>55.00</u>	
1-8 5/8 BARFLE	@	<u>NC</u>	<u>NC</u>	
	@			
	@			
TOTAL				<u>55.00</u>

TAX \_\_\_\_\_

TOTAL CHARGE 4600.98

DISCOUNT 600.00 IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler

Rich Wheeler  
PRINTED NAME

TREATMENT REPORT



CONFIDENTIAL

KCC

OCT 21 2003

CONFIDENTIAL

Customer ID		Date	
Lease		Lease No.	Well #
Field Order #	Station	Casing	Depth
Type Job	Formation	Legal Description	

Customer ID: *HEADS OR # CMTS*  
 Date: *7-2-03*  
 Lease: *WACH UNIT B*  
 Field Order #: *6193*  
 Station: *Pratt, KS*  
 Casing: *5 1/2*  
 Depth: *3859*  
 Type Job: *LOW STRONG - NW*  
 Formation: *TD-3860*  
 Legal Description: *1-22-13*  
 Lease No.: *1-1*  
 Well #: *1-1*  
 County: *STAFFORD*  
 State: *KS*

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	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	Packer Depth	From	To	Flush		Gas Volume		Total Load

Casing Size: *5 1/2*  
 Tubing Size: *3 1/2*  
 Depth: *3859*  
 Volume: *3826*  
 Max Press: *3826*  
 Well Connection: *3826*  
 Plug Depth: *3826*  
 Station Manager: *J. ZOUER*  
 Station Manager: *ANTOPE*  
 Treater: *H. BRODLEY*

Customer Representative	Station Manager	Treater
<i>J. ZOUER</i>	<i>ANTOPE</i>	<i>H. BRODLEY</i>

Service Units	<i>107</i>	<i>26</i>	<i>36</i>	<i>75</i>	<i>105</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1300</i>					<i>ON LOCATION</i>
					<i>RECEIVED KANSAS CORPORATION COMMISSION OCT 22 2003 CONSERVATION DIVISION WICHITA, KS</i>
					<i>RUN 3868' - 5 1/2 CASING. RUN BUDDIE SHOE INSERT FROM DN 1 1/2 COLLAR. CONT. - 1-2-3-5-8-10-12 TAC BOTTOM - DROP BITU - BREAK CIRC. ROTATE CASING.</i>
<i>1400</i>	<i>200</i>		<i>20</i>	<i>6</i>	<i>PUMP 20 bbl 2% HCL H<sub>2</sub>O</i>
	<i>200</i>		<i>12</i>	<i>6</i>	<i>PUMP 12 bbl SUPERF WASH</i>
	<i>200</i>		<i>3</i>	<i>6</i>	<i>PUMP 3 bbl H<sub>2</sub>O SPACER</i>
	<i>200</i>		<i>35</i>	<i>6</i>	<i>WTD CEMENT - 125 SF 50/50 PZ 4% CEL, 2% CC, 5# BK BISONITE, 5# BK CMT SET, 1# FEA 30, 4# DEFOROM</i>
					<i>STOP - WASH LOWE - DROP PUMP</i>
	<i>200</i>		<i>0</i>	<i>7</i>	<i>START DISP - 2% HCL H<sub>2</sub>O</i>
	<i>250</i>		<i>75</i>	<i>7</i>	<i>LEFT CEMENT</i>
	<i>400</i>		<i>85</i>	<i>5</i>	<i>SLOW RATE</i>
<i>1645</i>	<i>1000</i>		<i>91</i>	<i>5</i>	<i>PUMP DOWN - RELEASE - HOLD</i>
			<i>25 SF 50/50 PZ</i>		<i>PUMP RT &amp; MTH</i>
<i>1730</i>					<i>JOB COMPLETE - THANKS - KEVIN</i>

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