

STATE CORPORATION COMMISSION OF KANSAS **KCC**
 OIL & GAS CONSERVATION DIVISION
 WELL COMPLETION FORM
 ACO-1 WELL HISTORY
 DESCRIPTION OF WELL AND LEASE

API NO. 15- 051-24,764-00-00

County Ellis

SE - NE - NW - ✓ Sec. 18 Twp. 11 Rge. 19 X W

Operator: License # 6569

Name: Carmen Schmitt, Inc.

Address P.O. Box 47

City/State/Zip Great Bend, KS 67530

Purchaser: Clear Creek, Inc.

Operator Contact Person: Carmen Schmitt

Phone (316) 793-5100

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Steve D. Parker

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-14-91

10-22-91

11-8-91

Spud Date

Date Reached TD

Completion Date

4290 Feet from S/N (circle one) Line of Section

2970 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Berens Well # 1

Field Name W.C.

Producing Formation Kansas City

Elevation: Ground 2096 KB 2101

Total Depth 3740 PBTD _____

Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1510 Feet

If Alternate II completion, cement circulated from 1510'

feet depth to surface w/ 225 sx cnt.

Drilling Fluid Management Plan 3-27-92
(Data must be collected from the Reserve Pit)

Chloride content 28,000 ppm Fluid volume 3500 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

County _____ Docket No. _____

CONFIDENTIAL

RELEASED
 MAR 30 1993
 3-301993
 FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION COMMISSION
 2-14-1992
 FEB 14 1992

CONSERVATION DIVISION
 Wichita, Kansas

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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.

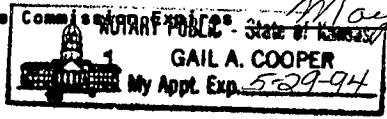
Signature Carmen Schmitt

Title President Date 2-6-92

Subscribed and sworn to before me this 6th day of February, 19 92.

Notary Public Gail A. Cooper

Date May 29, 1994



K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name Carmen Schmitt, Inc. Lease Name Berens Well # 1
 Sec. 18 Twp. 11 Rge. 19 East County Ellis
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1460 (+ 641)	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	B/Anhydrite	1504 (+ 597)	
List All E. Logs Run: Wire-Tech		Topeka	3102 (-1001)	
Dual Induction		Heebner	3317 (-1216)	
Radiation Guard		Toronto	3344 (-1243)	
Compensated Density Neutron		Lansing/K.C.	3358 (-1257)	
		Base Kansas City	3582 (-1481)	
		Conglomerate	3628 (-1527)	
		Arbuckle	3671 (-1571)	
		T.D.	3742 (-1641)	

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 1/4"	8-5/8"	20#	208'	60/40poz	135	2% gel 3% cc.
Production	7-7/8"	5 1/2"	17#	3729	60/40poz	175	10% salt 5% Gilsonite

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 checked="" type="checkbox"/> Plug Back TD				
<input checked="" type="checkbox"/> Plug Off Zone	3676-3682	Common	25	

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
3676-3682, 2	SPF Squeezed with 25 sx Common		
3545-3554, 35	3-3517, 2 SPF	1150 Gal 15% FE acid	
	B.P. at 3487'		

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>3483</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>11-8-91</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 <u>57</u> Bbls.	Gas <u>43</u> Mcf	Water <u>43</u> Bbls.	Gas-Oil Ratio <u>33.5</u> Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

15-051-24764-00-00

CARMEN SCHMITT INC.
P.O. Box 47
Great Bend KS 67530

PHONE 316-793-5100

NEW WEALTH COMES FROM THE LAND

3-26-92

DENNIS ANDERSON--PRODUCTION DEPT.
K.C.C. CONSERVATION DIVISION
200 COLORADO DERBY BLDG
WICHITA KS 67202

KCC
2-13
FEB 13

CONFIDENTIAL

RE: ACO-1
BERENS #1 WELL
API # 15-051-24764
18-11-19W ELLIS COUNTY KS

RELEASED
3-30-1993
MAR 30 1993

FROM CONFIDENTIAL

Dear Mr. Anderson:

On the ACO-1 for the above captioned well submitted to your office 2-6-92, we neglected to list the set of perforation from which the well is currently producing. In addition to the perforations listed on side two of the ACO-1, the casing is perforated at 3437-3444 feet, two shots per foot. These perforations were stimulated with 2000 gallons of 15% FE acid.

Please attach this letter to the ACO-1 in your files.

Thank you.

Carmen Schmitt

Carmen Schmitt

RECEIVED
STATE CORPORATION COMMISSION
3-27-1992
MAR 27 1992
CONSERVATION DIVISION
Wichita, Kansas

TRILOBITE TESTING COMPANY

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

15-051-24764-00-00

Test Ticket

KCC
2-13
FEB 13

NO 4472

Well Name & No. <u>Berens #1</u>	Test No. <u>CONFIDENTIAL</u>	Date <u>10-18-91</u>
Company <u>Carmen Schmitt, Inc.</u>	Zone Tested <u>'C-D'</u>	<u>L.K.C.</u>
Address <u>Box 47, Great Bend, Ks. 67530</u>	Elevation <u>2101 K.B.</u>	
Co. Rep./Geo. <u>Steve Parker</u>	Cont. <u>Duke #1</u>	Est. Ft. of Pay _____
Location: Sec. <u>18</u>	Twp. <u>11</u>	Rge. <u>19</u>
Co. <u>Ellis</u>	State <u>Ks.</u>	
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____
Turnkey _____	Yes _____ No _____	Evaluation _____

Interval Tested <u>3376-3421</u>	Drill Pipe Size <u>4.5" FH</u>
Anchor Length <u>45"</u>	Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth <u>3371</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3376</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>632</u>
Total Depth <u>3421</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.1</u> lb/gal.	Viscosity <u>47</u> Filtrate <u>9.2</u>
Tool Open @ <u>11:42 A.M.</u> Initial Blow <u>Weak-building to 10"</u>	

Final Blow Weak-building to 5"

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
Rec. <u>60</u> Feet Of <u>C.O.</u>	<u>278</u>	
Rec. <u>30</u> Feet Of <u>O.C.M.</u>		
Rec. <u>120</u> Feet Of <u>211/0.C.M.</u>		
Rec. <u>60</u> Feet Of <u>mdy wtr.</u>		
Rec. _____ Feet Of _____		

RECEIVED
STATE CORPORATION COMMISSION
2-14-1992
FEB 14 1992

BHT <u>106</u> °F Gravity _____	CONSERVATION DIVISION Wichita, Kansas	°F Corrected Gravity _____	°API _____
RW <u>1.04</u> @ <u>85</u> °F	Chlorides <u>25,000</u> ppm	Recovery _____	Chlorides <u>5,000</u> ppm System
(A) Initial Hydrostatic Mud <u>1721</u>	PSI	AK1 Recorder No. <u>13754</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>55</u>	PSI	@ (depth) <u>3380</u>	w/Clock No. <u>14389</u>
(C) First Final Flow Pressure <u>88</u>	PSI	AK1 Recorder No. <u>13849</u>	Range <u>4375</u>
(D) Initial Shut-in Pressure <u>841</u>	PSI	@ (depth) <u>3417</u>	w/Clock No. <u>26199</u>
(E) Second Initial Flow Pressure <u>111</u>	PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>144</u>	PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-in Pressure <u>830</u>	PSI	Initial Opening <u>45</u>	Test <u>X</u>
(H) Final Hydrostatic Mud <u>1678</u>	PSI	Initial Shut-in <u>45</u>	Jars <u>RELEASED</u>

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, 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.

Approved By _____
Our Representative Don Rangle

Final Flow 45 Safety Joint _____
Final Shut-in 45 Straddle _____
Circumference _____
FROM CONFIDENTIAL
Sampler _____
Extra Packer _____
Other _____
TOTAL PRICE \$ _____

ORIGINAL

Test Ticket

2-13
FEB 13

No. 4473

RELEASED 3-30-1993
Test No. 2
CONFIDENTIAL

Well Name & No. Bereas #1 Date 10-18-91
 Company Carmen Schmitt, Inc. Zone Tested 'F' h.K.C.
 Address _____ Elevation 2101 K.B.
 Co. Rep./Geo. Steve Packer Cont. Duke #1 Est. Ft. of Pay 5
 Location: Sec. 18 Twp. 11 Rge. 19 Co. Ellis State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3422 - 3443 Drill Pipe Size 4.5 F.H.
 Anchor Length 21 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3417 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3422 Wt. Pipe I.D. — 2.7 Ft. Run 632
 Total Depth 3443 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.1 lb/gal. Viscosity 47 Filtrate 9.2
 Tool Open @ 11:28 P.M. Initial Blow Strong - off bottom of bucket in 18 min.
 Final Blow Strong - off bottom of bucket in 15 min.

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>490</u>	<u>590</u>	_____
Rec. <u>300</u> Feet Of <u>C.O.</u>	% gas _____ % oil _____ % water _____ % mud _____	
Rec. <u>70</u> Feet Of <u>M.C.G.syo</u>	<u>10%</u> gas <u>70%</u> oil % water _____ % mud _____	
Rec. <u>60</u> Feet Of <u>O.C.M.</u>	% gas _____ <u>40%</u> oil % water _____ <u>60%</u> mud	
Rec. <u>60</u> Feet Of <u>O.C.M.</u>	% gas _____ <u>20%</u> oil % water _____ <u>80%</u> mud	
Rec. _____ Feet Of _____	% gas _____ % oil _____ % water _____ % mud _____	

BHT _____ °F Gravity _____ °API @ 2-14-1992 °F Corrected Gravity 34 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud 1819 PSI AK1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 77 PSI @ (depth) 3426 w/Clock No. 14389
 (C) First Final Flow Pressure 133 PSI AK1 Recorder No. 13849 Range 4375
 (D) Initial Shut-In Pressure 863 PSI @ (depth) 3439 w/Clock No. 26191
 (E) Second Initial Flow Pressure 166 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 222 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 863 PSI Initial Opening 45 Test X
 (H) Final Hydrostatic Mud 1765 PSI Initial Shut-In 45 Jars _____

Final Flow 45 Safety Joint _____
 Final Shut-In 45 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By _____
 Our Representative Dan Bange

ORIGINAL

Test Ticket

KCC 2-13 FEB 13

NO 4474

Well Name & No. Bereas #1 Test No. 3 Date 10-19-91
 Company Carmen Schmitt, Inc. Zone Tested G L.K.C.
 Address _____ Elevation 2101 K.B.
 Co. Rep./Geo. Steve Parker Cont. Duke #1 Est. Ft. of Pay _____
 Location: Sec. 18 Twp. 11 Rge. 19 Co. Ellis State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3445 - 3458 Drill Pipe Size 4.5 FH
 Anchor Length 13' Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 0 Hole Size — 77/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3445 Wt. Pipe I.D. — 2.7 Ft. Run 632
 Total Depth 3458 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.2 lb/gal. Viscosity 49 Filtrate 9.6
 Tool Open @ 11:12 A.M. Initial Blow Weak - building to 4"
 Final Blow Weak - building to

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?	% gas	% oil	% water	% mud
Rec. <u>20</u> Feet Of <u>C.O.</u>	<u>186</u>					
Rec. <u>20</u> Feet Of <u>O.C.M.</u>			% gas <u>10</u>	% oil	% water <u>90</u>	% mud
Rec. <u>125</u> Feet Of <u>WTC.</u>			% gas	% oil	% water	% mud
Rec. _____ Feet Of _____			% gas	% oil	% water	% mud
Rec. _____ Feet Of _____			% gas	% oil	% water	% mud

BHT 106 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 127 @ 91 °F Chlorides 60,000 ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud 1852 PSI AK1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 22 PSI @ (depth) 3449 w/Clock No. 14389
 (C) First Final Flow Pressure 55 PSI AK1 Recorder No. 13849 Range 4375
 (D) Initial Shut-In Pressure 775 PSI @ (depth) 3450 w/Clock No. 26191
 (E) Second Initial Flow Pressure 88 PSI AK1 Recorder No. 2-14-1992 Range _____
 (F) Second Final Flow Pressure 100 PSI @ (depth) FEB 14 1992 Clock No. _____
 (G) Final Shut-In Pressure 764 PSI Initial Opening 45 Test X
 (H) Final Hydrostatic Mud 1743 PSI Initial Shut-In _____

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, 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.

Final Flow 45 Safety Joint _____
 Final Shut-In 45 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By _____
 Our Representative Dan Banerje

ORIGINAL

TESTING COMPANY 15-051-24764-00-00

P.O. Box 362 • Hays, Kansas 67601

2-13
FEB 13

Test Ticket

NE 4475

CONFIDENTIAL

Well Name & No. Berens #1 Test No. 4 Date 10-20-91
 Company Carmen Schmitt, Inc. Zone Tested H-I L.K.C.
 Address _____ Elevation 2101 K.B.
 Co. Rep./Geo. Steve Parker cont. Duke #1 Est. Ft. of Pay _____
 Location: Sec. 18 Twp. 11 Rge. 19 Co. Ellis State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3478 - 3524 Drill Pipe Size 4.5 F.H.
 Anchor Length 46 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3473 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3478 Wt. Pipe I.D. — 2.7 Ft. Run 632
 Total Depth 3524 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.2 lb/gal. Viscosity 49 Filtrate 9.6
 Tool Open @ 1:25 A.M. Initial Blow Weak - building to 1 1/2"
 Final Blow Weak surface blow

Recovery — Total Feet 25 Feet of Gas in Pipe _____ Flush Tool? _____
 Rec. 25 Feet Of O.C.M. % gas 20 % oil _____ % water 80 % mud _____
 Rec. _____ Feet Of _____ % gas _____ % oil _____ % water _____ % mud _____
 Rec. _____ Feet Of _____ % gas _____ % oil _____ % water _____ % mud _____
 Rec. _____ Feet Of _____ % gas _____ % oil _____ % water _____ % mud _____
 Rec. _____ Feet Of _____ % gas _____ % oil _____ % water _____ % mud _____
 BHT _____ °F Gravity _____ °API @ 2-14-1992 °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm recovery _____ Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud 1884 PSI AK1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 22 PSI @ (depth) 3482 w/Clock No. 14389
 (C) First Final Flow Pressure 22 PSI AK1 Recorder No. 13849 Range 4375
 (D) Initial Shut-In Pressure 1039 PSI @ (depth) 3520 w/Clock No. 26199
 (E) Second Initial Flow Pressure 44 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 44 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 0 PSI Initial Opening 30 Test X
 (H) Final Hydrostatic Mud 1765 PSI Initial Shut-In 30 Jars _____

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Final Flow 6 Safety Joint _____
 Final Shut-In 0 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ _____

Approved By _____
 Our Representative Dave Rangle

ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

KCC

2-13
FEB 13

Test Ticket

No 4126

CONFIDENTIAL

Well Name & No. Berens #1 Test No. 5 Date 10-20-91
 Company Carmen Schmitt, Inc. Zone Tested J-K L.K.C.
 Address _____ Elevation 2101 K.B.
 Co. Rep./Geo. Steve Parker cont. Duke #1 Est. Ft. of Pay _____
 Location: Sec. 18 Twp. 11 Rge. 19 Co. Ellis State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3522-3560 Drill Pipe Size 4.5 F.H.
 Anchor Length 38 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3517 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3522 Wt. Pipe I.D. — 2.7 Ft. Run 632
 Total Depth 3560 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.2 lb/gal. Viscosity 46 Filtrate 10
 Tool Open @ 12:01 P.M. Initial Blow Weak - building to 1/2"
 Final Blow Weak steady surface blow

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
Rec. <u>20</u> Feet Of <u>O.C.M.</u>	%gas <u>20</u> %oil _____ %water <u>80</u> %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

RELEASED
3-30-1993
30 1993
FROM CONFIDENTIAL

BHT 108 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6,000 ppm System
 (A) Initial Hydrostatic Mud 1873 PSI Ak1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 44 PSI @ (depth) 3526 w/Clock No. 14389
 (C) First Final Flow Pressure 44 PSI AK1 Recorder No. 13849 Range 4375
 (D) Initial Shut-In Pressure 984 PSI @ (depth) 3556 w/Clock No. 26199
 (E) Second Initial Flow Pressure 55 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 55 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 885 PSI Initial Opening 30 STATE TEST _____
 (H) Final Hydrostatic Mud 1797 PSI Initial Shut-In 30 Jars _____

STATE TEST DIVISION COMMISSION
2-14-1992
FEB 14 1992
Safety Joint
Straddle
Wichita, Kansas
Circ. Sub
Sampler
Extra Packer
Other

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Approved By _____
Our Representative Dave Ruffe

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

15-051-24764-00-08

ORIGINAL

Test Ticket

KCC
2-13
FEB 13

No. 4127

CONFIDENTIAL

Well Name & No. <u>Berens #1</u>	Test No. <u>6</u>	Date <u>10-21-91</u>
Company <u>Carmen Schmitt, Inc.</u>	Zone Tested <u>Arbuckle</u>	
Address _____	Elevation <u>2101 K.B.</u>	
Co. Rep./Geo. <u>Steve Parker</u> cont. <u>Duke #1</u>	Est. Ft. of Pay _____	
Location: Sec. <u>18</u> Twp. <u>11</u> Rge. <u>19</u> Co. <u>Ellis</u> State <u>Ks.</u>		
No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____		

Interval Tested <u>3625-3679</u>	Drill Pipe Size <u>4.5 F.H.</u>
Anchor Length <u>54</u>	Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth <u>3620</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3625</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>632</u>
Total Depth <u>3679</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.2</u> lb/gal.	Viscosity <u>50</u> Filtrate <u>10</u>
Tool Open @ <u>2:35 P.M.</u> Initial Blow <u>Weak - Died in 8 min.</u>	

Final Blow No blow

Recovery — Total Feet 10 Feet of Gas In Pipe _____ Flush Tool? X

Rec. _____	Feet Of _____	% gas	% oil	% water	% mud
<u>10</u>	<u>mud w/oil spots</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

BHT 109 °F Gravity _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud 2070 PSI Ak1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 22 PSI @ (depth) 3629 w/Clock No. 26191

(C) First Final Flow Pressure 22 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 764 PSI @ (depth) 3674 w/Clock No. 14389

(E) Second Initial Flow Pressure 37 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 33 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-in Pressure 808 PSI Initial Opening 15 Test 14-1992

(H) Final Hydrostatic Mud 1819 PSI Initial Shut-in 30 Jars _____

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, 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.

Final Flow 15 Safety Joint _____

Final Shut-in 30 Straddle _____

Circ. Sub _____

Sampler _____

Extra Packer _____

Other _____

TOTAL PRICE \$ _____

Approved By Carmen Schmitt

Our Representative Dan Ransfe

RELEASED
3-30-1993
30 KCC

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
FEB 14 1992
Wichita, KS

ALLIED CEMENTING CO., INC.

No. 2469

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	11-5-91	Sec.	18	Twp.	11 S	Range	19 W	Called Out	7:00 AM	On Location	9:00 AM	Job Start	9:30 AM	Finish	3:15 PM
Lease	Barrens	Well No.	#1	Location				T-70	Yocemento	EXIT 11 1/2 M	County	Ellis	State	KANSAS	
Contractor	DS+W Well Service														
Type Job	(Squeeze ABB) OPEN PORT COLLAR														
Hole Size	T.D.														
Cg.	5 1/2	17#	Depth												
Tbg. Size	2	Depth													
Pipe	PORT COLLAR														
Tool	REINHARDT OIL TOOLS														
Cement Left in Cg.	Shoe Joint														
Press Max.	2500#	Minimum													
Meas Line	Displace														
Perf.	ABB @ 3676-89														

EQUIPMENT

Pumptrk #177	No.	Cementer	<i>John Row</i>
		Helper	<i>Will</i>
Pumptrk #160	No.	Cementer	<i>Mark</i>
		Helper	
Bulktrk #155		Driver	
Bulktrk		Driver	

RELEASED
3-30-1993
30 1003
FROM CONFIDENTIAL

DEPTH of Job

Reference:	Pump Truck Chrg	475.00
	2.00 PER MILE	38.00
	Sub Total	
	Tax	
	Total	513.00

Remarks: ABB Perf @ 3676-82' Set Back @ 3623' Took Rate of 2.65' per min @ 1500# mixed 25 sk cement & squeezed @ 2500#. Set bridge plug @ 3' & test to 1000# & held. Came up & loaded hole, pressured backside to 500#. Open port collar & mixed 225 sk cement @ 500# max PST. Had very good circulation, cement did circulate @ approx 400 sk. Closed tool, ran 10 JTS & circ. Hole clean.

Owner *3W IN 1/2 E+S INTO*

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 listed.

Charge To *CARMEN SCHMITZ*

Street *P.O. Box 47*

City *Great Bend* State *Kan 67530*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.

X *Carmen Schmitz*

CEMENT

Amount Ordered *Squeeze ABB (25 SK Com) 225 SK 69% 676 gel*

Consisting of

Common	160	SKs @ 5.25	840.00
Poz. Mix	90	SKs @ 2.25	202.50
Gel.	8	SKs @ 6.75	54.00
Chloride	2-13		
Quickset	FEB 13		

CONFIDENTIAL

Handling *1.00 Per SK* 250.00

Mileage *0.4 Per Tax Mile* 190.00

Sub Total

Total *1,536.50*

RECEIVED
STATE CORPORATION COMMISSION
2-14-1992
FEB 14 1992
WICHITA, KANSAS

Thanks

2627, Russell, Kansas

15-051-24764-00-00

Phone Plainville 913-434-2812

16-793-5861, Great Bend, Kansas

ORIGINAL

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No 2459

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-14-91	Sec.	18	FWP.	11s	Range	19 W	Called Out	1:30 PM	On Location	4:00 PM	Job Start	5:30 PM	Finish	5:55 PM			
Well No.	BERENS #1		Well No. #1		Location			I-70 YACAMENTO EXIT 11 1/2 N			County		ELLIS		State		KANSAS	
Contractor	DUKE DRIG. RIG #1																	
Job	SURFACE																	
Slip Size	12 1/4		T.D.		209'													
Slip	8 5/8 20 #		Depth		208'													
Pipe			Depth															
Shoe Joint	15'		Shoe Joint															
Max.			Minimum															
Line	✓		Displace		✓ 12 1/2 GAL													

Owner 3 W IN 1/2 E 1/4 S

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 listed.

Charge To CARMEN SCHMITT INC.

Street P.O. Box 47

City Great Bend State Kan 67530

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

James Williamson

CEMENT

Amount Ordered 135 SK 69/40 22 gal 378 cc

Consisting of			
Common	81	SKs @ 5.25	425 25
Poz. Mix	54	SKs @ 2.25	121 50
Gel.	2	SKs @ 6.75	110
Chloride	4	SKs @ 21.00	84 00
Quickset			

Handling	<u>1.20 Per SK</u>	<u>135 00</u>
Mileage	<u>.04 Per Ten Miles</u>	<u>102 60</u>
	<u>19 miles</u>	
Sub Total		
Total		<u>868 35</u>

EQUIPMENT

Cement	No. #177	Cement	<u>William</u>
		Helper	<u>Will</u>
Cement	No. #218	Driver	<u>Jaden</u>
		Driver	

DEPTH of Job	<u>PUMP TRUCK CHRG</u>	<u>380 00</u>
Reference:	<u>2 00 PER MILE</u>	<u>38 00</u>
	<u>8 5/8 WOODEN PUG</u>	<u>42 00</u>
Sub Total		
Tax		
Total		<u>460 00</u>

Floating Equipment

RECEIVED
 STATE HIGH COMMISSION
 RELEASED
 2-14-1992
 FEB 14 1992
 3-30-1993 DIVISION
 CONFIDENTIAL

KCC
 2-13
 FEB 13

FROM CONFIDENTIAL CONFIDENTIAL

Cement Circulated

[Signature]

Russell, Kansas
 101, Great Bend, Kansas

15-051-24764-00-00
ORIGINAL

Phone Plainville 913-434-2014
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

No. 2464

Home Office P. O. Box 31

Russell, Kansas 67665

new

Date	10-22-91	Sec.	18	Wp.	11 S	Range	19W	Called Out	12:30 AM	On Location	2:30 AM	Job Start	5:45 AM	Finish	6:10 AM
Case	Berens	Well No.	#1	Location				I-70 + YOCENITO EXIT		County	ELLIS	State	KANSAS		
Contractor	Duke Drig Rig #1														
Type Job	Production STRING														
Cole Size	7 7/8		3742 3742												
Size	5 1/2		Depth 3729'												
Drill Pipe	Depth														
Tool	AFU INSERT		Depth 3702'												
Cement Left in Cg.	27.23		Shoe Joint 27.23												
Press Max.	Minimum														
Meas Line	✓		Displace ✓ 90.33												
Perf.															

Owner 11 1/2 N 3W 1N 1/2 E 1/4 S
 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 listed.

Charge To **CARMEN SCHMITT Inc.**
 Street P.O. Box 47

City **Great Bend** State **Kan** 67530
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X **Carmen Schmitt**

CEMENT
 500 GAL WFR-2
 Amount Ordered 175 sk 6 9/10 10% SALT 58 Gals WHITE

Consisting of			
Common	105	5.25	551.25
Poz. Mix	70	2.25	157.50
Gel.			
Chloride	Salt 16	4.75	76.00
Quartzite	Gil 761	33	251.13
WFR2	500 gal	50	250.00

Handling 100 per sk 175.00
 Mileage .04 per Ton Mile 17.00

Sub Total	1593.88
Total	

EQUIPMENT

Pumpert #177	No.	Cementor	<i>Shawn</i>
		Helper	<i>Bill</i>
Pumpert #160	No.	Cementor	
		Helper	
Bulkert #160		Driver	<i>Paul</i>
Bulkert		Driver	

DEPTH of Job

References:	Pump Truck Chg	880.00
	2.09 per Mile	38.00
	1-5 1/2 Rubber Plug	45.00
	Sub Total	963.00
	Tax	
	Total	

Remarks:

FLOAT HEAD

15 SK IN RAT HOLE

Shawn

30 1007
 3-30-1993
 FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION COMMISSION
 FEB 14 1992
 WICHITA, KANSAS

1-Guide Shoe	125.00
1-AFU INSERT	189.00
6-CENTRALIZERS	276.00
1-BASKET	127.00
1-PORT COLLAR (ARROW)	1785.00
	# 2502.00

KCC
 2-13
 FEB 13

CONFIDENTIAL