

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

-Operator: License # 30269  
Name: Argent Energy, Inc.  
Address 110 South Main  
Suite 810  
City/State/Zip Wichita KS 67202  
Purchaser: TEXACO  
Operator Contact Person: James C. Remsberg  
Phone (316) 262-5111  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: Scott Oatsdean  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

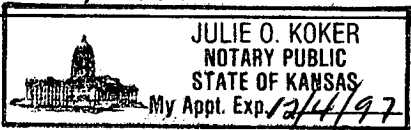
If Workover/Re-Entry: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
8/24/94 9/2/94 9/19/94  
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21684 ORIGINAL  
County Lane  
SW NW SW Sec. 4 Twp. 19S Rge. 28  E  
1650 Feet from S (circle one) Line of Section  
330 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Schmidt Well # 2  
Field Name Royalty West  
Producing Formation Lansing-Kansas City  
Elevation: Ground 2760' KB 2765'  
Total Depth 4650' PBTB 4572'  
Amount of Surface Pipe Set and Cemented at 265 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2113 Feet  
If Alternate II completion, cement circulated from 2113  
feet depth to surface w/ 350 sx cnt.  
Drilling Fluid Management Plan ALT 2 JH 3-28-95  
(Data must be collected from the Reserve Pit)  
Chloride content 5000± ppm Fluid volume 1700± bbls  
Dewatering method used evaporation  
Location of fluid RECEIVED hauled offsite:  
KANSAS CORPORATION COMMISSION  
Operator Name 09-30-1994  
SEP 30 1994  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter CONSERVATION DIVISION S Rng. \_\_\_\_\_ E/W  
WICHITA, KS  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 James C. Remsberg  
Title President Date 9/30/94  
Subscribed and sworn to before me this 30th day of September  
19 94  
Notary Public Julie O. Koker  
Date Commission Expires December 4, 1997



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name **JAMORO** Argent Energy, Inc.

Lease Name Schmidt

Well # 2

Sec. 4 Twp. 19S Rge. 28

East  
 West

County Lane

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  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:  
GR-2IL-CNL-FDC-Caliper

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Anhydrite	2120'	+ 645'			
Heebner	3935'	-1170'			
Lansing	3976'	-1211'			
B/Kansas City	4344'	-1579'			
Cherokee	4532'	-1767'			
Mississippian	4620'±	-1855'			

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	25#	265'	60/40Poz	160	2% gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	4640'	50/50Poz	225	18% salt, 2% gel, 1/2% Halad 322, 1/4#/sk Flocele

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input checked="" type="checkbox"/> Perforate					
<input checked="" type="checkbox"/> Protect Casing	0-2113		50/50 Poz	350	10% gel, 1/4#/sk Flocele
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	4268' - 4276'		none	
2	4235' - 4239'		none	

<b>TUBING RECORD</b>	Size <u>2" EUE</u>	Set At <u>4304</u>	Packer At <u>N/A</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------------	--------------------	--------------------	----------------------	-------------------------------------------------------------------------------

Date of 9/19/94 (First) Resumed Production, SWD or Inj. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>102</u> Bbls.	Gas <u>TSTM</u> Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio <u>N/A</u>	Gravity <u>39° API</u>
-----------------------------------	----------------------	---------------------	----------------------	--------------------------	------------------------

Disposition of Gas: none

Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 4268' - 76'  
4235' - 39'

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Drill-Stem Test Data

Well Name SCHMIDT #2 Test No. 1 Date 8/29/94  
Company ARGENT EXPLORATION INC. Zone KC  
Address 110 S MAIN #810 WICHITA KS 67202 Elevation 2765  
Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN RIG #3 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 4 Twp. 19S Rge. 28W Co. LANE State KS  
API # 15-101-21684

Interval Tested	<u>4150-4180</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>30</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4145</u>	Drill Collar - 2.25 Ft. Run	<u>525</u>
Bottom Packer Depth	<u>4150</u>	Mud Wt.	<u>9.1</u> lb/Gal.
Total Depth	<u>4180</u>	Viscosity	<u>48</u> Filtrate <u>11.2</u>

Tool Open @ 7:25 A.M. Initial Blow WEAK SURFACE TO 1 1/2" IN 30 MIN

Final Blow NO BLOW ON FINAL FLOW

Recovery - Total Feet 30 Flush Tool? NO

**RECEIVED**  
KANSAS CORPORATION COMMISSION

Rec. 30 Feet of SALT WATER MUD 10%WATER/90%MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

SEP 30 1994

CONSERVATION DIVISION  
WICHITA, KS

SHT 114 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.49 @ 82 °F Chlorides 11000 ppm Recovery Chlorides 800 ppm System

(A) Initial Hydrostatic Mud 1997.4 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 28.8 PSI @ (depth) 4152 w / Clock No. 25108

(C) First Final Flow Pressure 28.8 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 790.7 PSI @ (depth) 4176 w / Clock No. 21048

(E) Second Initial Flow Pressure 35.5 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 35.5 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

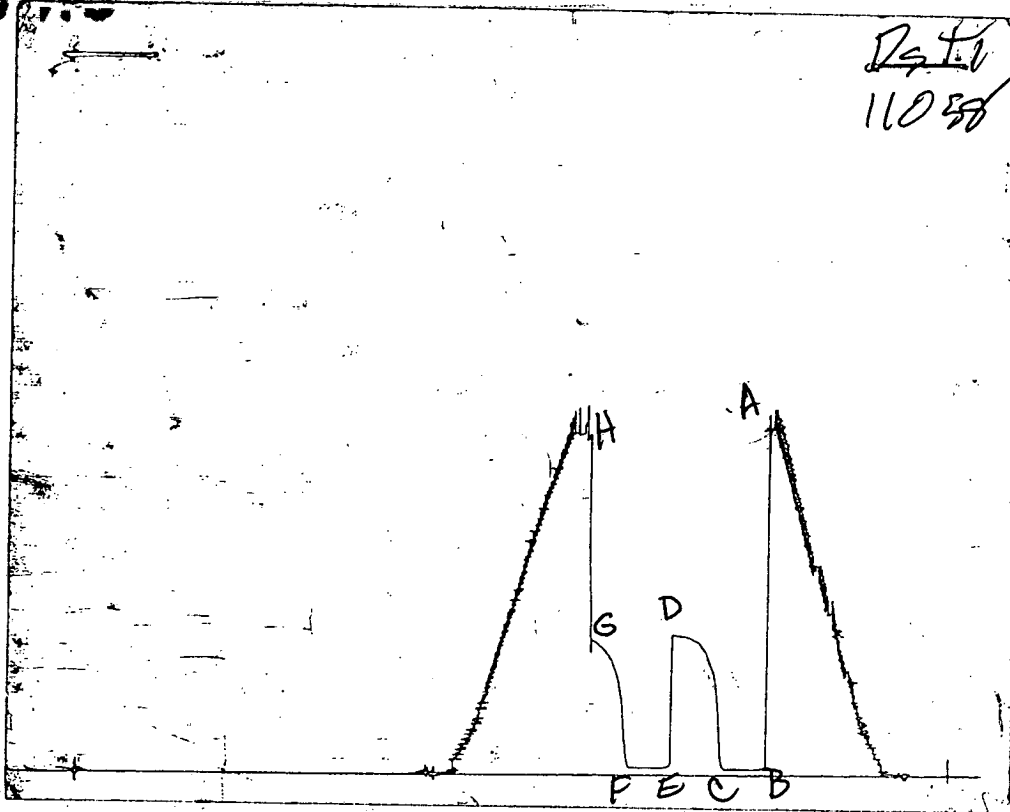
(G) Final Shut-in Pressure 764.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1966.8 PSI Initial Shut-in 45 Final Shut-in 30

Our Representative MARK HERSKOWITZ

ORIGINAL

11058



This is an actual photograph of recorder chart 11058

	FIELD READING	OFFICE READING
--	------------------	-------------------

(A) INITIAL HYDROSTATIC MUD	1970	1997.4
(B) FIRST INITIAL FLOW PRESSURE	33	28.8
(C) FIRST FINAL FLOW PRESSURE	33	28.8
(D) INITIAL CLOSED-IN PRESSURE	794	790.7
(E) SECOND INITIAL FLOW PRESSURE	33	35.5
(F) SECOND FINAL FLOW PRESSURE	33	35.5
(G) FINAL CLOSED-IN PRESSURE	761	764.6
(H) FINAL HYDROSTATIC MUD	1926	1966.8

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Drill-Stem Test Data

Well Name SCHMIDT #2 Test No. 2 Date 8/29/94  
 Company ARGENT EXPLORATION INC. Zone KC  
 Address 110 S MAIN #810 WICHITA KS 67202 Elevation 2765  
 Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN RIG #3 Est. Ft. of Pay 6  
 Location: Sec. 4 Twp. 19S Rge. 28W Co. LANE State KS  
APT #15-101-21684

Interval Tested 4190-4220 Drill Pipe Size 4.5 XH  
 Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
 Top Packer Depth 4185 Drill Collar - 2.25 Ft. Run 525  
 Bottom Packer Depth 4190 Mud Wt. 9.2 lb/Gal.  
 Total Depth 4220 Viscosity 46 Filtrate 10.4

Tool Open @ 9:40 P.M. Initial Blow SURFACE TO 9" IN 30 MIN

Final Blow WEAK SURFACE TO 8" IN 45 MIN

Recovery - Total Feet 324 Flush Tool? NO **RECEIVED**  
 KANSAS CORPORATION COMMISSION

Rec. 144 Feet of GAS IN PIPE  
 Rec. 60 Feet of OIL 100% OIL  
 Rec. 29 Feet of MUD CUT OIL 75%OIL/25%MUD  
 Rec. 235 Feet of OIL CUT WATER MUD 4%OIL/15%WATER/81%MUD  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

SEP 30 1994

CONSERVATION DIVISION  
WICHITA, KS

BHT 108 °F Gravity 37 °API @ 80 °F Corrected Gravity 35 °API  
 RW 0.26 @ 80 °F Chlorides 25000 ppm Recovery Chlorides 600 ppm System

(A) Initial Hydrostatic Mud 1989.5 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 55.5 PSI @ (depth) 4192 w / Clock No. 25108

(C) First Final Flow Pressure 98.8 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 594.9 PSI @ (depth) 4216 w / Clock No. 21048

(E) Second Initial Flow Pressure 107.7 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 156.6 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

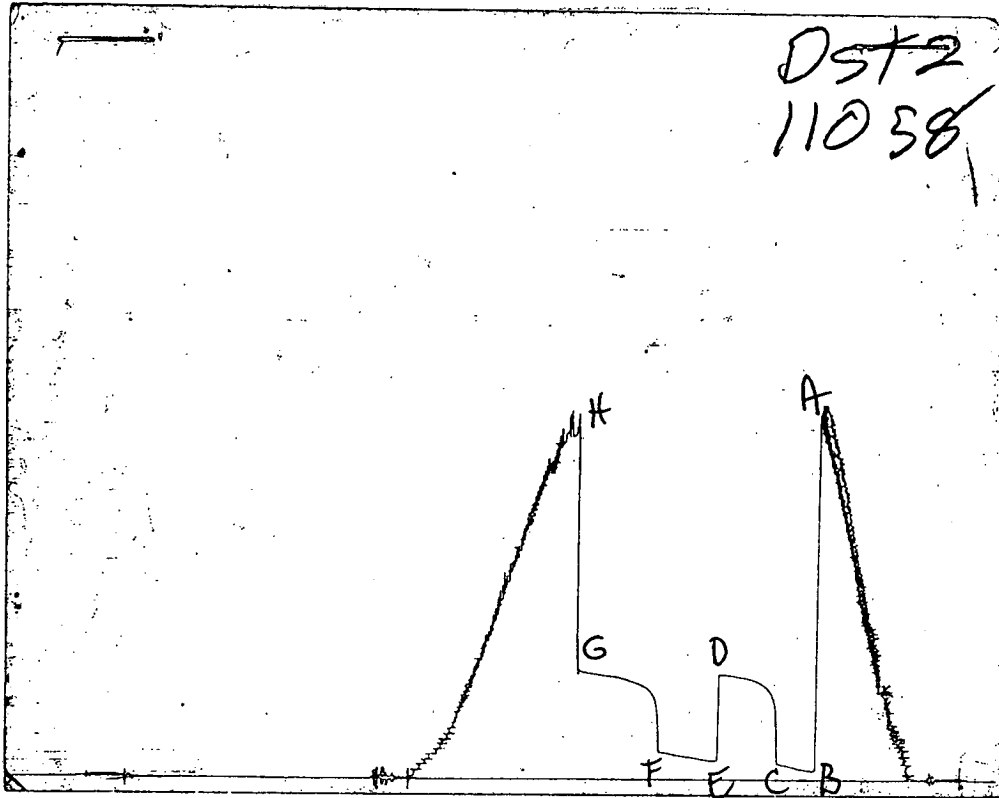
(G) Final Shut-in Pressure 609.6 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1968.0 PSI Initial Shut-in 45 Final Shut-in 60

Dur Representative MARK HERSKOWITZ

ORIGINAL

CHART PAGE



This is an actual photograph of recorder chart 11058

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1993	1989.5
(B) FIRST INITIAL FLOW PRESSURE	44	55.5
(C) FIRST FINAL FLOW PRESSURE	89	98.8
(D) INITIAL CLOSED-IN PRESSURE	593	594.9
(E) SECOND INITIAL FLOW PRESSURE	100	107.7
(F) SECOND FINAL FLOW PRESSURE	145	156.6
(G) FINAL CLOSED-IN PRESSURE	604	609.6
(H) FINAL HYDROSTATIC MUD	1970	1968

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Drill-Stem Test Data

Well Name SCHMIDT #2 Test No. 3 Date 8/30/94  
 Company ARGENT EXPLORATION INC. Zone KC  
 Address 110 S MAIN #810 WICHITA KS 67202 Elevation 2765  
 Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN RIG #3 Est. Ft. of Pay 6  
 Location: Sec. 4 Twp. 19S Rge. 28W Co. LANE State KS  
API# 101-21684

Interval Tested	<u>4234-4240</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>6</u>	Wt. Pipe I.D. - 2.7 Ft. Run	
Top Packer Depth	<u>4229</u>	Drill Collar - 2.25 Ft. Run	<u>525</u>
Bottom Packer Depth	<u>4234</u>	Mud Wt.	<u>9.1</u> lb/Gal.
Total Depth	<u>4240</u>	Viscosity	<u>52</u> Filtrate <u>7.2</u>

Tool Open @ 12:53 P.M. Initial Blow GOOD BLOW OFF BOTTOM IN 4 MIN 30 SEC

Final Blow GOOD BLOW OFF BOTTOM IN 8 MIN-BLOW OFF BOTTOM ON SHUT-IN **RECEIVED**  
KANSAS CORPORATION COMMISSION

Recovery - Total Feet 990 Flush Tool? NO SEP 30 1994

Rec. <u>775</u>	Feet of	<u>GAS IN PIPE</u>	CONSERVATION DIVISION WICHITA, KS
Rec. <u>635</u>	Feet of	<u>GAS OIL 15%GAS/80%OIL</u>	
Rec. <u>120</u>	Feet of	<u>SLIGHT OIL CUT WATER MUD 4%OIL/20%WATER/76%MUD</u>	
Rec. <u>60</u>	Feet of	<u>SLIGHT OIL &amp; MUD CUT WATER 3%OIL/94%WATER/3%MUD</u>	
Rec. <u>175</u>	Feet of	<u>SLIGHT MUD CUT WATER 97%WATER/3%MUD</u>	

BHT 109 °F Gravity 44 °API @ 80 °F Corrected Gravity 42 °API  
 RW 0.19 @ 82 °F Chlorides 30000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2017.9 PSI AK1 Recorder No. 11058 Range 4500

(B) First Initial Flow Pressure 75.5 PSI @ (depth) 4220 w / Clock No. 21048

(C) First Final Flow Pressure 248.8 PSI AK1 Recorder No. 11057 Range 4500

(D) Initial Shut-in Pressure 589.3 PSI @ (depth) 4236 w / Clock No. 25108

(E) Second Initial Flow Pressure 277.7 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

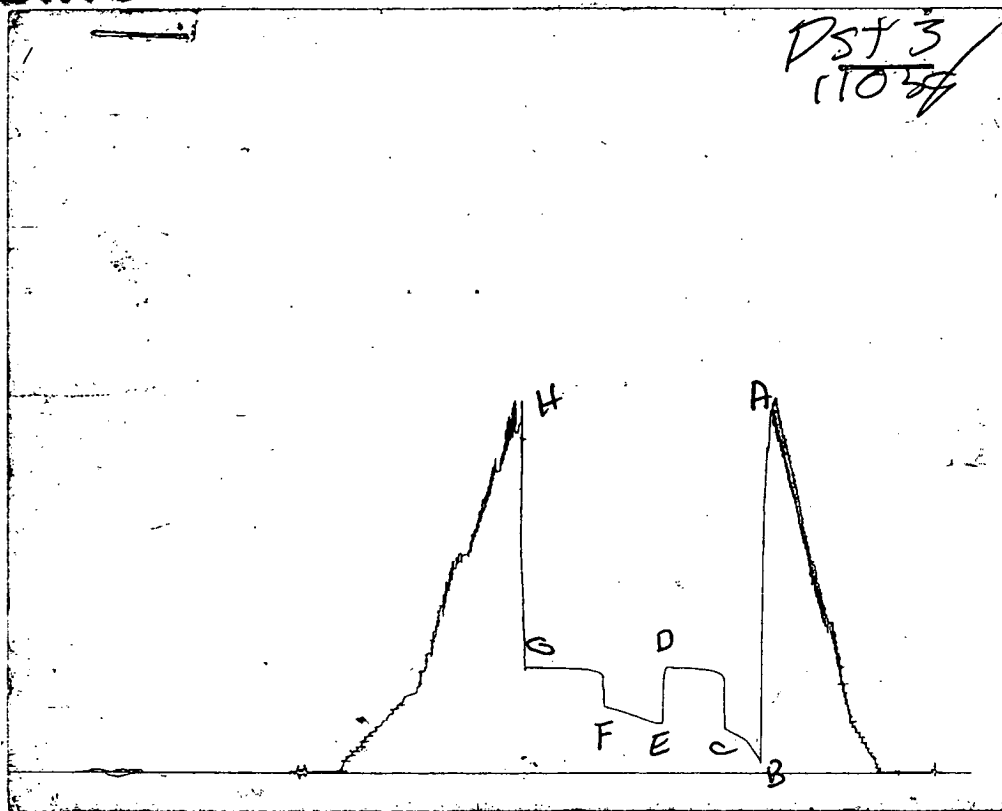
(F) Second Final Flow Pressure 373.3 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 596.0 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1995.2 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative MARK HERSKOWITZ

ORIGINAL



This is an actual photograph of recorder chart 11058

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2027	2017.9
(B) FIRST INITIAL FLOW PRESSURE	56	75.5
(C) FIRST FINAL FLOW PRESSURE	235	248.8
(D) INITIAL CLOSED-IN PRESSURE	593	589.3
(E) SECOND INITIAL FLOW PRESSURE	269	277.7
(F) SECOND FINAL FLOW PRESSURE	369	373.3
(G) FINAL CLOSED-IN PRESSURE	593	596
(H) FINAL HYDROSTATIC MUD	1993	1995.2



# TRILOBITE TESTING, L.L.C.

# ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name SCHMIDT #2 Test No. 4 Date 0.0027  
 Company ARGENT EXPLORATION INC. Zone KC  
 Address 110 S MAIN #810 WICHITA KS 67202 Elevation 2765  
 Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN RIG #3 Est. Ft. of Pay 7  
 Location: Sec. 4 Twp. 19S Rge. 28W Co. LANE State KS  
API#15-101-21684

Interval Tested	<u>4255-4275</u>	Drill Pipe Size	<u>4.5 XH</u>
Anchor Length	<u>20</u>	Wt. Pipe I.D. - 2.7 Ft. Run	
Top Packer Depth	<u>4250</u>	Drill Collar - 2.25 Ft. Run	<u>525</u>
Bottom Packer Depth	<u>4255</u>	Mud Wt.	<u>9.2</u> lb/Gal.
Total Depth	<u>4275</u>	Viscosity	<u>57</u> Filtrate <u>7.2</u>

Tool Open @ 4:36 A.M. Initial Blow GOOD BLOW OFF BOTTOM 30 SEC-BLOW OFF BOTTOM ON SHUT-IN

Final Blow WEAK SURFACE TO 8" IN 45 MIN-NO BLOW ON FINAL SHUT-IN

Recovery - Total Feet 1643 Flush Tool? NO **RECEIVED**  
 KANSAS CORPORATION COMMISSION

Rec. <u>1301</u>	Feet of	<u>GAS IN PIPE</u>	<u>SEP 30 1994</u> CONSERVATION DIVISION WICHITA, KS
Rec. <u>1463</u>	Feet of	<u>GAS CUT OIL 15%GAS/85%OIL</u>	
Rec. <u>60</u>	Feet of	<u>GAS MUD OIL 20%GAS/60%OIL20%MUD</u>	
Rec. <u>120</u>	Feet of	<u>GAS OIL MUD 5%GAS/10%OIL/85%MUD</u>	
Rec. _____	Feet of	_____	

BHT 112 °F Gravity 42 °API @ 80 °F Corrected Gravity 40 °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2020.3 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 385.6 PSI @ (depth) 4257 w / Clock No. 25108

(C) First Final Flow Pressure 603.8 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 603.8 PSI @ (depth) 4271 w / Clock No. 21048

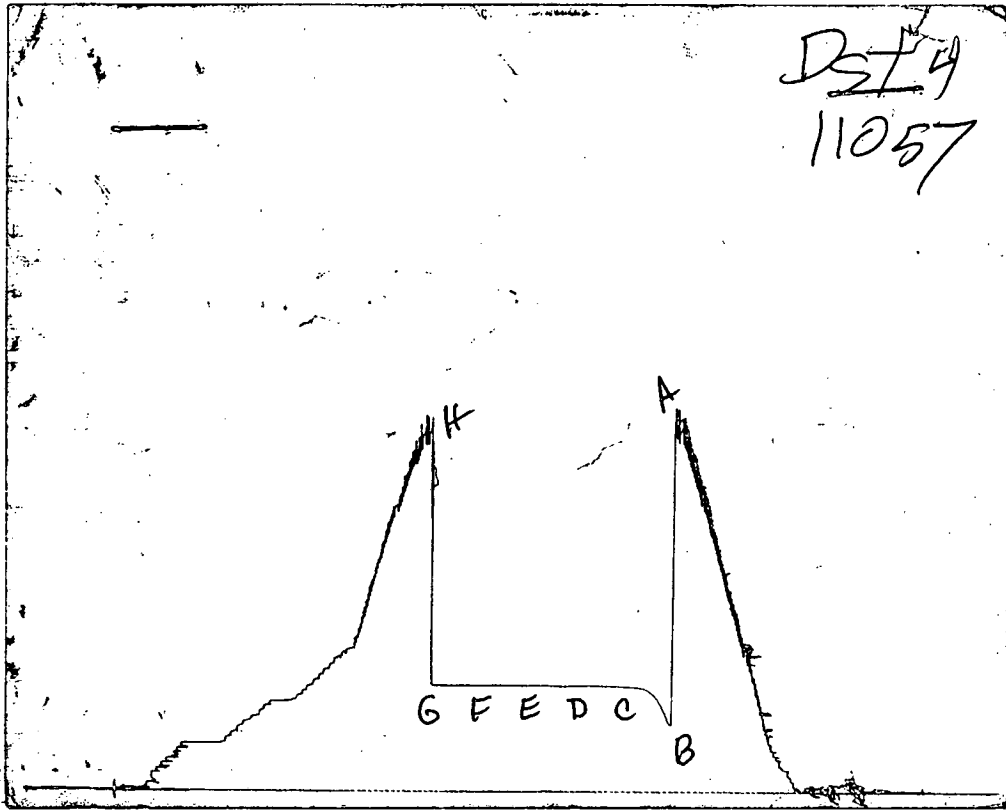
(E) Second Initial Flow Pressure 603.8 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 603.8 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 603.8 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1975.4 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative MARK HERSKOWITZ



This is an actual photograph of recorder chart 11057

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2004	2020.3
(B) FIRST INITIAL FLOW PRESSURE	369	385.6
(C) FIRST FINAL FLOW PRESSURE	593	603.8
(D) INITIAL CLOSED-IN PRESSURE	593	603.8
(E) SECOND INITIAL FLOW PRESSURE	593	603.8
(F) SECOND FINAL FLOW PRESSURE	593	603.8
(G) FINAL CLOSED-IN PRESSURE	593	603.8
(H) FINAL HYDROSTATIC MUD	1970	1975.4

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Drill-Stem Test Data

Well Name SCHMIDT #2 Test No. 5 Date 8/31/94  
 Company ARGENT EXPLORATION INC. Zone KC 220  
 Address 110 S MAIN #810 WICHITA KS 67202 Elevation 2765  
 Co. Rep./Geo. SCOTT OATSDEAN Cont. MURFIN RIG #3 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 4 Twp. 19S Rge. 28W Co. LANE State KS  
API # 15-101-21684

Interval Tested 4300-4320 Drill Pipe Size 4.5 XH  
 Anchor Length 20 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
 Top Packer Depth 4295 Drill Collar - 2.25 Ft. Run 525  
 Bottom Packer Depth 4300 Mud Wt. 8.8 lb/Gal.  
 Total Depth 4320 Viscosity 53 Filtrate 6.4

Tool Open @ 10:12 P.M. Initial Blow WEAK SURFACE TO 8" IN 30 MIN  
 Final Blow SURFACE TO 9" IN 45 MIN

Recovery - Total Feet 321 Flush Tool? NO

**RECEIVED**  
KANSAS CORPORATION COMMISSION

SEP 30 1994

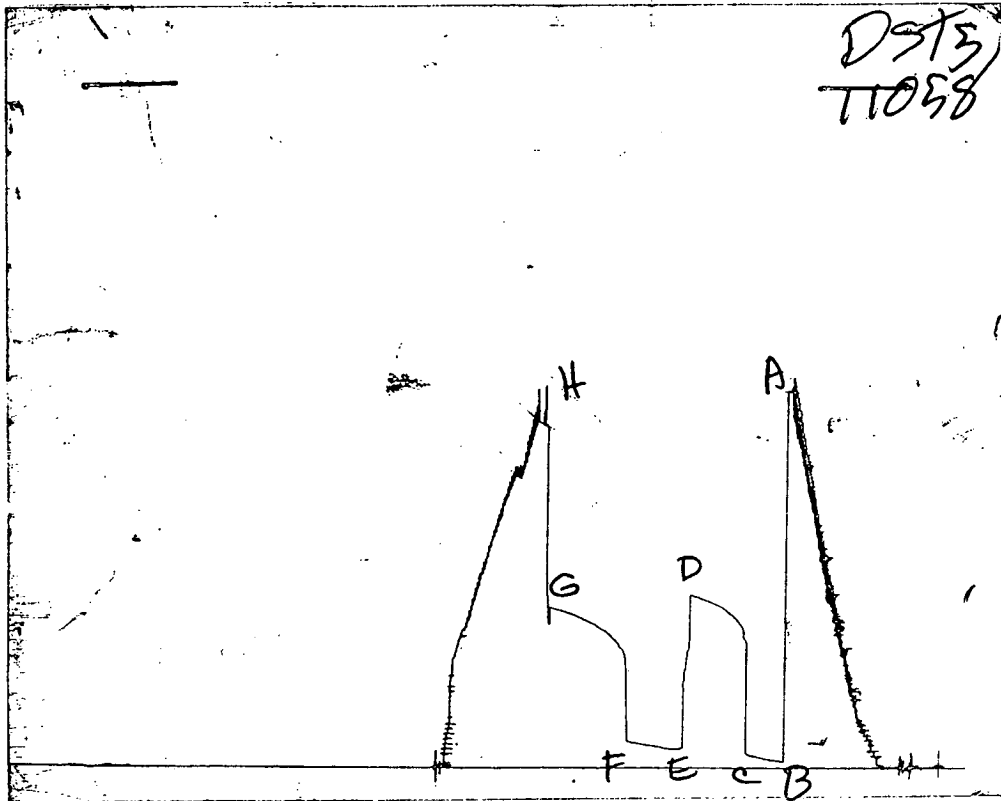
Rec. 90 Feet of GAS IN PIPE  
 Rec. 20 Feet of CLEAN OIL 100% OIL  
 Rec. 121 Feet of SLIGHT OIL WATER MUD 4%OIL/41%WATER/55%MUD  
 Rec. 180 Feet of SLIGHT MUD WATER 95%WATER/ 5%MUD  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

CONSERVATION DIVISION  
WICHITA, KS

BHT 122 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW 0.22 @ \_\_\_\_\_ °F Chlorides 28000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2152.4 PSI AK1 Recorder No. 11057 Range 4500  
 (B) First Initial Flow Pressure 29.9 PSI @ (depth) 4302 w / Clock No. 25108  
 (C) First Final Flow Pressure 77.7 PSI AK1 Recorder No. 11058 Range 4500  
 (D) Initial Shut-in Pressure 987.4 PSI @ (depth) 4316 w / Clock No. 21048  
 (E) Second Initial Flow Pressure 103.3 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure 148.8 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_  
 (G) Final Shut-in Pressure 915.1 PSI Initial Opening 30 Final Flow 45  
 (H) Final Hydrostatic Mud 2042.6 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative MARK HERSKOWITZ



This is an actual photograph of recorder chart 11058

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2128	2152.4
(B) FIRST INITIAL FLOW PRESSURE	33	29.9
(C) FIRST FINAL FLOW PRESSURE	67	77.7
(D) INITIAL CLOSED-IN PRESSURE	973	987.4
(E) SECOND INITIAL FLOW PRESSURE	78	103.3
(F) SECOND FINAL FLOW PRESSURE	134	148.8
(G) FINAL CLOSED-IN PRESSURE	906	915.1
(H) FINAL HYDROSTATIC MUD	2095	2042.6





CHARGE TO: Argent Energy Inc  
 ADDRESS: 110 So Main Suite 810  
 CITY, STATE, ZIP CODE: Wichita, Ks 67202

DUNCAN COPY

TICKET No. 722926 - 6

HAL-1906-N

SERVICE LOCATIONS 1. Hays, Ks 25525	WELL/PROJECT NO. 2	LEASE Schmidt	COUNTY/PARISH Lane	STATE Ks	CITY/OFFSHORE LOCATION Dighton, Ks	DATE 9-2-94	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Murfin Delg	RIG NAME/NO. 3	SHIPPED VIA 51145	DELIVERED TO WELLSITE	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 22	JOB PURPOSE 01	WELL PERMIT NO. 15-101-21684	WELL LOCATION 3-S-2-E 1/2-S Dighton Ks		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117	ORIGINAL		MILEAGE	72	mi			2.75	198.00
001-016			Pump Service	4640	FT			1765.00	1765.00
030-018			Top Plug	1EA		4 1/2	IN	55.00	55.00
018-317			SuperFlush	12	SK			100.00	1200.00

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 SEP 30 1994  
 CONSERVATION DIVISION  
 WICHITA, KS

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to: **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: [Signature]  
 TIME SIGNED: [ ] A.M. [ ] P.M.

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 3218.00
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) 3396.23
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					SUB-TOTAL 6614.23
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER G. Palmberg 41489	EMP #	HALLIBURTON APPROVAL
---------------------------------------------	------------------------------------------	----------------------------------------------------	-------	----------------------



TRK 51252-76103  
TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 722,926

HALLIBURTON ENERGY SERVICES

CUSTOMER  
**Argent Energy**

WELL  
**Schmidt #2**

DATE  
**9-2-94**

PAGE OF  
**2/2**

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-130	ORIGINAL	1		B	50-/50 Pozmix Standard	225				5.73	1,289.25	
506-121		1		B	4sk Halliburton Gel@2%						n/c	
509-968		1		B	Salt Blended	1950	lb			15	292.50	
5070775		1		B	Halad-322 Blended	88	lb			7.00	616.00	
507-210		1		B	Flocele Blended	56	lb			1.65	92.40	
504-308		1		B	Standard Cement	40				7.82	312.80	
500-207		1		B	SERVICE CHARGE							
500-306		1		B	MILEAGE CHARGE							
					TOTAL WEIGHT	25,154						
					LOADED MILES		36					
					TON MILES		452.772					
					CUBIC FEET		269			1.35	363.15	
										95	430.13	

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 SEP 30 1994  
 CONSERVATION DIVISION  
 WICHITA, KS

No. B 232545

CONTINUATION TOTAL **3,396.23**



HALLIBURTON

SEP 14 1994

DATE 9-2-94 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER Argent Energy Inc	WELL NO. 3	LEASE Schmidt	JOB TYPE Prod. Csg	TICKET NO. 722926
-------------------------------	---------------	------------------	-----------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Called Out
	1635							On Location Rigging up to Run casing
	1705							Start 4 1/2" 10 1/2' csg in hole
	1850							Float @ 4597' Port Collar @ 2113'
	1900							Casing on bottom - Rig up to circulate
	1955							Start circulating
	2000	6	12			200		Rig up to Pump Truck Pump Superflush
	2005							Superflush in casing
	2010	6				300		Start mixing cement Plug Bot Hole 15 sks standard
	2021	6						START CEMENT DOWN CSG, circ. 25 sks standard 225 sks 50/50 Pozmix A- 270 Gal 18% Salt, 1/2% Halad-322, 1/4" flocc 6 lb
	2025	7				300		Cement mixed wash out pump & line Release Plug
	2040		73			1200		Start displacement Plug down
	2045							Circulation throughout Job Release Pressure - Dried up
	2000							wash up & Back & Back up
								Thank you Dad, Allen & John

RECEIVED  
KANSAS CORPORATION COMMISSION

SEP 30 1994

CONSERVATION DIVISION  
WICHITA, KS

CUSTOMER





# JOB SUMMARY

HALLIBURTON DIVISION MIDCONTINENT  
 HALLIBURTON LOCATION HAYS

BILLED ON TICKET NO. 722926

WELL DATA  
 FIELD \_\_\_\_\_ SEC 4 TWP. 19S RNG. 28W COUNTY Lane STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 INITIAL PROD. OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 PRESENT PROD. OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. 9.1  
 PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_ TOTAL DEPTH 4650

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>10 1/2</u>	<u>7 1/2</u>	<u>0</u>	<u>4640</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 1/2</u>	<u>4640</u>	<u>4650</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>5w 4 1/2</u>	<u>Howca</u>
HEAD		
PACKER		
OTHER		

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-2</u>	DATE <u>9-2</u>	DATE <u>9-2</u>	DATE <u>9-2</u>
TIME <u>1300</u>	TIME <u>1635</u>	TIME	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>G Palmberg</u>	<u>40029</u>	<u>Hays</u>
<u>A Wirth</u>	<u>86101</u>	<u>Hays</u>
<u>J Becker</u>	<u>43222</u>	<u>Hays</u>
	<u>51252</u>	<u>Hays</u>

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 SEP 30 1994  
 CONSERVATION DIVISION  
 WICHITA, KS

DEPARTMENT Cement  
 DESCRIPTION OF JOB Cement Prod 65G  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X  
 HALLIBURTON OPERATOR G Palmberg COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>40</u>	<u>Standard</u>		<u>B</u>	<u>NONE</u>	<u>1.13</u>	<u>15.6</u>
	<u>225</u>	<u>50/50 Pyrimax A</u>		<u>B</u>	<u>2% TOTAL GEL 18% SALT</u> <u>5% Haled 322 1/4 Flocc</u>	<u>1.22</u>	<u>14.5</u>

PRESSURES IN PSI  
 CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET 43 REASON SHOE JOINT

### SUMMARY

VOLUMES  
 PRESLUSH: BBL.-GAL. 12 TYPE Super-Flush  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 73.0  
 CEMENT SLURRY: BBL.-GAL. 57  
 TOTAL VOLUME: BBL.-GAL. 7 142.0  
 REMARKS

SEE JOB LOG  
 Thank you,  
Jim, Allen, Asher

CUSTOMER Agri-Energy Inc  
 LEASE Schma DT  
 WELL NO. \_\_\_\_\_  
 JOB TYPE Prod Case  
 DATE 9-2-94

# ORIGINAL

Phone 913-483-2527, Russell, KS  
Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
Phone 913-798-3843, Ness City, KS

## ALLIED CEMENTING CO., INC.

6711

Home Office P. O. Box 31

Russell, Kansas 67665

New 4 19 28

Date	9-14-94	Sec.	19	Range	28	Called Out	6:30 A.M.	On Location	8:55 A.M.	Job Start	9:35 A.M.	Finish	1:30 P.M.
Lease	Schmidt	Well No.	#2	Location	Dayton NE 3 1/2 S E line	County	lane	State	ks.				

Contractor Cheyenne Well Service

Type Job Port Collar

Hole Size	7 7/8	T.D.	
Csg.	4 1/2	Depth	
Tbg. Size	2"	Depth	2112'
Drill Pipe		Depth	
Tool	Port collar	Depth	2113'
Cement Left in Csg.		Shoe Joint	
Press Max.	1000#	Minimum	
Meas Line		Displace	8.17 bbls

Perf. Bridge Plug 4150'

### EQUIPMENT

No.	Cementer	
Pumptrk #181	Helper	Steve Koppes Tim Dickson
No.	Cementer	
Pumptrk	Helper	
	Driver	Mike Maier
Bulktrk #199		
Bulktrk #166	Driver	Bullwhirta

DEPTH of Job 4150'

Reference:	Pump Truck	525.00
	32 Mileage	72.00
	<b>Total</b>	<b>597.00</b>

Remarks: Test Bridge Plug to 1000# Spot  
2sk sand. Pull up to 2113' Open Port Collar  
Mix 2sk bel followed w/ 348 sk cement and  
Circulated cement to surface, wash out tubing  
Go to bottom and wash off sand on plug.  
Thank You!

Owner Argent

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish  
cement and helper to assist owner or contractor to do work as listed.

Charge To Argent Energy, Inc.

Street 110 S. Main Suite #810

City Wichita State Ks. 67202

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

Purchase Order No. [Signature]

X [Signature]

used 348 sk cement

Amount Ordered	500	50% 50# gel, 10% 100# gel, 1/4" Fl Seal, 1/4" Hallsper
Consisting of	2sk gel	2sk sand
Common	174	5.75 1000.50
Poz. Mix	174	3.00 522.00
Gel.	36	9.00 324.00
Chloride		
Quikset	Flo Seal - 87#	1.10 95.70
Sand	2	5.00 10.00
Hulls	- 1	15.00 15.00
Handling	500 RECEIVED	1.00 500.00
Mileage	32	640.00

SEP 30 1994

CONSERVATION DIVISION  
WICHITA, KS

Floating Equipment

Total \$ 3107.2

Total \$ 3704.20

Disc 740.84

\$ 2963.36

TAX 218.55

**\$ 3181.91**