

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

RECEIVED Form ACO-1
KANSAS CORPORATION COMMISSION
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL
2-2-00

CONFIDENTIAL

Operator: License # 5506
Name: WOOLSEY PETROLEUM CORPORATION
Address: 125 N. MARKET, SUITE 1000
City/State/Zip: WICHITA, KANSAS 67202
Purchaser: BLUESTEM GAS MARKETING
Operator Contact Person: DEBRA CLINGAN
Phone: (316) 267-4379 ext 106
Contractor: Name: DUKE DRILLING CO., INC.
License: 5929
Wellsite Geologist: MIKEAL K. MAUNE

API No. 15 - 007-22604-0000
County: BARBER
SW SE SE Sec. 29 Twp. 33 S. R. 13 East West
330' FSL feet from S / N (circle one) Line of Section
990' FEL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: SPRIGGS H Well #: 1

Field Name: AETNA (SNYDERVILLE)
Producing Formation: SNYDERVILLE

Elevation: Ground: 1732' Kelly Bushing: 1740'
Total Depth: 4350' Plug Back Total Depth: 4320'
Amount of Surface Pipe Set and Cemented at 255' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from n/a
feet depth to _____ w/ _____ sx cmt.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Ca)

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. _____

10-02-99 10-09-99 12-08-99
Spud Date or Date Reached TD Completion Date or
Recompletion Date Report Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 6200 ppm Fluid volume _____ bbls
Dewatering method used ALLOW TO DEHYDRATE, BACKFILL
Location of fluid disposal if hauled offsite:
Operator Name: BOWER DRILLING
Lease Name: COLE SWD License No.: 5435
Quarter _____ Sec. 25 Twp. 32 S. R. 12 East West
County: BARBER Docket No.: D-19886

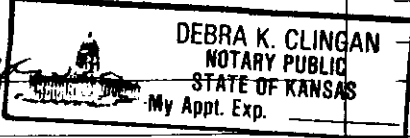
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Mark P. Stevenson
Mark P. Stevenson
Title: V.P. - Operations Date: 1/28/00

Subscribed and sworn to before me this 28th day of January, 2000.

Notary Public: Debra K. Clingan
Date Commission Expires: March 4, 2002



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

Operator Name: NOOLSKY PETROLEUM CORPORATION Lease Name: SPRIGGS H Well #: 1
 Sec. 29 Twp. 33 S. R. T3 East West County: BARBER

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DUAL INDUCTION NEUTRON DENSITY PE MICRO CEMENT BOND	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th style="width:15%;">Top</th> <th style="width:15%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Chase</td> <td>2109</td> <td>- 369</td> </tr> <tr> <td>Red Eagle</td> <td>2816</td> <td>-1076</td> </tr> <tr> <td>Elgin sand</td> <td>3780</td> <td>-2040</td> </tr> <tr> <td>Heebner</td> <td>3951</td> <td>-2211</td> </tr> <tr> <td>Snyderville</td> <td>3960</td> <td>-2220</td> </tr> <tr> <td>Douglas</td> <td>4028</td> <td>-2288</td> </tr> <tr> <td>Lansing</td> <td>4134</td> <td>-2394</td> </tr> <tr> <td>LTD</td> <td>4352</td> <td>-2612</td> </tr> </tbody> </table>	Name	Top	Datum	Chase	2109	- 369	Red Eagle	2816	-1076	Elgin sand	3780	-2040	Heebner	3951	-2211	Snyderville	3960	-2220	Douglas	4028	-2288	Lansing	4134	-2394	LTD	4352	-2612
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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	14-3/4"	10-3/4"	32.75	255'	60/40 poz	200	2%gel, 3%cc
Production	7-7/8"	4-1/2"	10.5	4345'	ASC	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 type="checkbox"/> Plug Off Zone				

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
6 SPF	3966'-3976' Snyderville	ACID: 2700 gal 7.5% FE	same
		FRAC: 4368 gal gelled wtr	same
		70,000 scf nitrogen	
		7000# 12/20 & 6000# 20/40 sand	

TUBING RECORD	Size 2-3/8"	Set At 4302'	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 11-05-99	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 Bbls. trace	Gas Mcf 240	Water Bbls. 3	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify)	

ALLIED CEMENTING CO., INC. 2723

Federal Tax I.D.# 48-0727860

15-007-22604-0000

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

SERVICE POINT:
med. lodge

ORIGINAL

CONFIDENTIAL

DATE <u>10-10-99</u>	SEC <u>29</u>	TWP. <u>33</u>	RANGE <u>13</u>	CALLED OUT <u>2:30 A.M.</u>	ON LOCATION <u>4:30 A.M.</u>	JOB START <u>8:30 A.M.</u>	JOB FINISH <u>10:05 A.M.</u>
LEASE <u>Springgs</u>			WELL # <u>H-1</u>	LOCATION <u>Union Chapel Church, 4.5-</u>		COUNTY <u>Barber</u>	STATE <u>Ks.</u>
OLD OR NEW (Circle one)			<u>1/4S - 3/4 S/E</u>				

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 02 2000
2-2-00

CONSERVATION DIVISION
WICHITA, KS

KCC

JAN 28 2000

CONFIDENTIAL

CONTRACTOR Duke Drlq
TYPE OF JOB Prod. Csg.
HOLE SIZE 7 7/8 T.D. 4350
CASING SIZE 4 1/2 x 10.5 DEPTH 4343'
TUBING SIZE _____ DEPTH _____
DRILL PIPE _____ DEPTH _____
TOOL _____ DEPTH _____
PRES. MAX 1200 MINIMUM 200
MEAS. LINE _____ SHOE JOINT 20'
CEMENT LEFT IN CSG. _____
PERFS. _____
DISPLACEMENT 2% KCL w/169 3/4 Bbls.

OWNER Woolsey Petroleum
CEMENT
AMOUNT ORDERED 500 qals. mud-sweep
25 sks. 60/40/6 150 sks. ASC
5" Kol-Seal/sk.
COMMON A 15 @ 6.35 95.25
POZMIX 10 @ 3.25 32.50
GEL 1 @ 9.50 9.50
CHLORIDE _____ @ _____
Asc 150 @ 8.20 1230.00
Mud Sweep 500 BALS @ 1.80 900.00
CLAPRO 8 BALS. @ 22.90 183.20
Kol-Seal 750# @ 3.8 285.00
HANDLING 175 @ 1.05 183.75
MILEAGE 175 x 15 @ .04 105.00

EQUIPMENT
PUMP TRUCK CEMENTER Larry Dceiling
343 HELPER Justin HART
BULK TRUCK
301 DRIVER mark Bronhardt
BULK TRUCK
_____ DRIVER _____

RELEASED

TOTAL \$3024.20

APR 25 2002

REMARKS:

SERVICE

Pipe on Bottom - Break Circ + 1/2"
Pipe mix + Pump 500 qals. 2% KCL
500 qals. mud-sweep. Plug mouse hole
Rathole w/ 25 sks. 60/40/6 90 gel.
150 sk. Asc + 5" Kol-Seal wash out
Pump + lines. Release Plug. Displace
69 3/4 Bbls. w/ 2% KCL. Bump Plug
Release PSI. Float Held

FROM CONFIDENTIAL

DEPTH OF JOB <u>4343'</u>		
PUMP TRUCK CHARGE		<u>1080.00</u>
EXTRA FOOTAGE _____ @ _____		
MILEAGE <u>15</u> @ <u>2.85</u>		<u>42.75</u>
PLUG <u>4 1/2</u> Latch Down @ <u>175.00</u>		<u>175.00</u>
_____ @ _____		
_____ @ _____		

TOTAL \$1297.75

CHARGE TO: Woolsey Petroleum
STREET P.O. Box 168
CITY Medicine Lodge STATE KS ZIP 67104

FLOAT EQUIPMENT

818.00

<u>1- AFU Flo At Shoe</u> @ <u>157.00</u>	<u>157.00</u>
<u>7-Centralizers</u> @ <u>23.00</u>	<u>161.00</u>
<u>20-Recip. Scratchers</u> @ <u>25.00</u>	<u>500.00</u>
<u>1- Thread-lok</u> @ <u>23.00</u>	<u>23.00</u>
_____ @ _____	

TOTAL \$841.00

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.

TAX _____
TOTAL CHARGE \$ 5162.95
DISCOUNT 1032.59 IF PAID IN 30 DAYS
NET \$ 4130.36

SIGNATURE Carl W. Durr

Carl W. Durr
PRINTED NAME

ALLIED CEMENTING CO., INC. 2732

Federal Tax I.D.# 48-0727860

ORIGINAL

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

SERVICE POINT: 1999
Medicine Lodge

CONFIDENTIAL

DATE 10-2-99	SEC 29	TWP 33s	RANGE 13w	CALLED OUT 10:30 Am	ON LOCATION 11:30 Am	JOB START 1:30 pm	JOB FINISH 1:50 pm
LEASE Springs	WELL# H-1	LOCATION Union Chapel Church		COUNTY Barber	STATE KS		
OLD OR NEW (Circle one)		3 7/4 w, 4 s, 7/2 into					

CONTRACTOR Duke #2
 TYPE OF JOB Surface
 HOLE SIZE 14 7/4 T.D. 256
 CASING SIZE 10 7/4 x 32 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 300 MINIMUM 100
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15 Feet
 PERFS.
 DISPLACEMENT

OWNER Woolsey Petroleum
 CEMENT AMOUNT ORDERED
200 sx 60:40:2+3%cc

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 02 2000

CONSERVATION DIVISION
WICHITA KS

EQUIPMENT

PUMP TRUCK CEMENTER Carl B
 # 261-265 HELPER Shane W.
 BULK TRUCK
 # 242 DRIVER Kevin B
 BULK TRUCK
 # DRIVER

COMMON A	120	@	6.35	762.00
POZMIX	80	@	3.25	260.00
GEL	3	@	9.50	28.50
CHLORIDE	6	@	28.00	168.00
		@		
		@		
		@		
		@		
HANDLING	300	@	1.05	310.00
MILEAGE	200 x 1.5		.04	120.00

KCC

JAN 28 2000

CONFIDENTIAL

RELEASED

APR 25 2002

REMARKS:

SERVICE

pipe on bottom.
 Break circulation with Rig.
 Pump 3 bbls freshwater.
 Mix + pump 200 sx 60:40:2+3%cc.
 Switch valves + Release plug.
 Displace with 24 1/4 bbls freshwater.
 Cement did circulate shut in.
 (approx 205x)

DEPTH OF JOB 255
 PUMP TRUCK CHARGE 470.00
 EXTRA FOOTAGE @
 MILEAGE 15 @ 2.85 42.75
 PLUG wooden 10 3/4" @ 55.00 55.00
 @
 @

FROM CONFIDENTIAL

TOTAL \$ 567.75

CHARGE TO: Woolsey Petroleum
 STREET P.O. Box 168
 CITY Med. Lodge STATE KANSAS ZIP 67104

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

TAX
 TOTAL CHARGE \$2116.25
 DISCOUNT 423.25 IF PAID IN 30 DAYS
 NET \$ 1693.00

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.

SIGNATURE John J. Armbruster

JOHN J. ARMBRUSTER
 PRINTED NAME

RELEASED

RECEIVED
KANSAS CONSERVATION COMMISSION

KCC

APR 25 2000

Well Name: Spriggs H #1
Company: Woolsey Petroleum Corp.
Location: 29-33s-13w
Barber county Kansas
Date: 10-14-99

FEB 02 2000

JAN 28 2000 FROM CONFIDENTIAL

CONSERVATION DIVISION
WICHITA, KS

CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

OCT 15 1999

OPERATOR : Woolsey Petl. Corp.
 WELL NAME: Spriggs H#1
 LOCATION : 29-33s-13w Barber co KS
 INTERVAL : 3944.00 To 3990.00 ft

DATE 10-07-99
 KB 1740.00 ft TICKET NO: 12381 DST #1
 GR 1732.00 ft FORMATION: Snyderville
 TD 3990.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 0335 to 0405 hr
SI 60 Range (Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0405 to 0505 hr
SF 60 Clock (hrs)	12 hr	12 hr	batt.			SF Fr. 0505 to 0605 hr
FS 240 Depth (ft)	3987.0	3987.0	3956.0	0.0	0.0	FS Fr. 0605 to 1005 hr

	Field	1	2	3	4	
A. Init Hydro	1881.0	1887.0	1884.0	0.0	0.0	T STARTED 0139 hr
B. First Flow	18.0	34.0	24.0	0.0	0.0	T ON BOTM 0330 hr
B1. Final Flow	23.0	40.0	25.0	0.0	0.0	T OPEN 0335 hr
C. In Shut-in	802.0	796.0	810.0	0.0	0.0	T PULLED 1007 hr
D. Init Flow	25.0	40.0	21.0	0.0	0.0	T OUT 1145 hr
E. Final Flow	28.0	40.0	24.0	0.0	0.0	
F. Fl Shut-in	1194.0	1213.0	1178.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1861.0	1860.0	1810.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 46000.00 lbs
						Unseated Str Wt 46000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3939.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft of Gas in all fluid free pipe.
 30.00 ft of Drilling mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----g

RELEASED DP

APR 25 2002

FROM CONFIDENTIAL

SALINITY 8000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Fair to strong blow bottom of bucket in 17 mins.
 Initial Shut-in:
 Fair to strong blow.
 Final Flow:
 Strong blow bottom of bucket in 1-2 secs. gas to surface in 40 mins. (see gas volume report)
 Final Shut-in:
 Fair blow 2-6"

KCC

JAN 28 2000

CONFIDENTIAL

SAMPLES: Gas sample
 SENT TO: Caraway/Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	54.00 S/L
W.L.	7.20 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	2.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	good
% Porosity	11.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drlg.
Rig #	2
Unit #	
Pump T.	LCM 0#/bl

Test Successful: Y

GAS RECOVERY

COMPANY: Woolsey Petl. Corp. DATE: 10-07-99
WELL NAME: Spriggs H#1 KB Elev: 1740.00 ft TICKET #12381 DST #1
WELL LOCATION: 29-33s-13w Barber co KS GR Elev: 1732.00 ft FORMATION: Snyderville
INTERVAL Fr.: 3944.00 To 3990.00 T.D.: 3990.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
45	0.25	0	20	7510.0
50	0.25	0	20	7510.0
60	0.25	0	22	7880.0

TEST HISTORY

12381 DST#1 SPRIGGS H#1 WOOLSET PETL. CORP.

Flag Points

t (Min.) P (PSig)

A:	0.00	1884.42
B:	0.00	23.99
C:	28.75	25.17
D:	61.00	809.81
E:	0.00	20.97
F:	58.25	23.66
G:	248.25	1178.04
Q:	0.00	1810.40

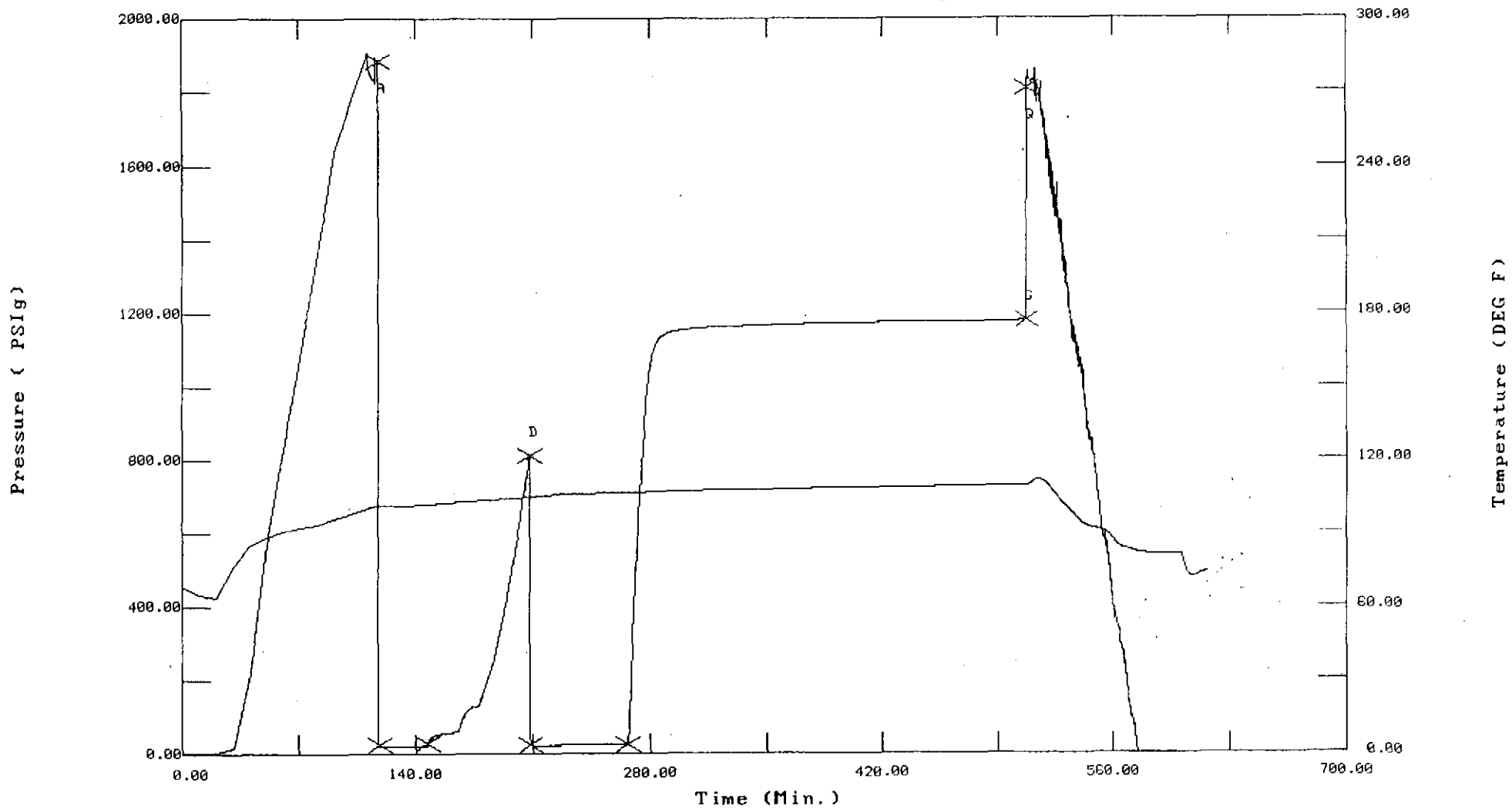
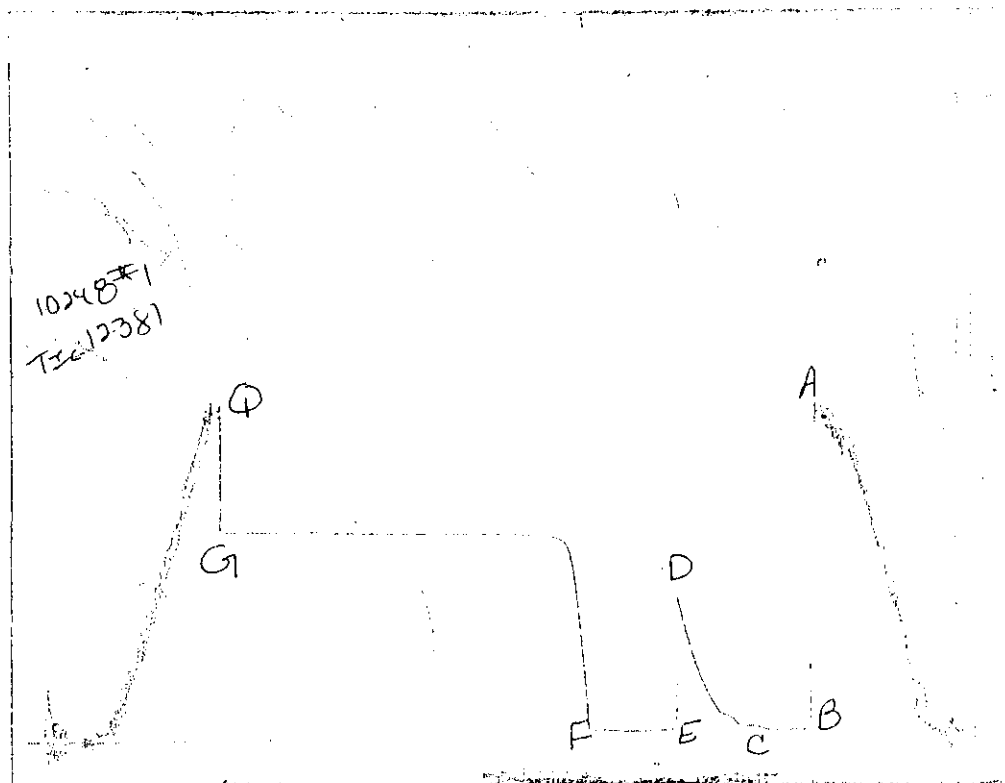


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12381

Test Ticket

Well Name & No. <u>SPRIGGS H #1</u>	Test No. <u>1</u>	Date <u>10-7-99</u>
Company <u>WOLFEY PETL. CORP.</u>	Zone Tested <u>SYDNEYVILLE</u>	
Address <u>125 N. MARKET ST #1000, WICHITA KS 67202</u>		Elevation <u>1740</u> KB <u>1932</u> GL
Co. Rep / Geo. <u>MIKE MAWZ</u>	Cont. <u>DUKE DRIG #2</u>	Est. Ft. of Pay <u>9</u> Por. <u> </u> %
Location: Sec. <u>29</u>	Twp. <u>33S</u>	Rge. <u>13W</u> Co. <u>BARBER</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>3944 - 3990'</u>	Initial Str Wt./Lbs. <u>96000</u>	Unseated Str Wt./Lbs. <u>46770</u>
Anchor Length <u>46'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>5,500</u>
Top Packer Depth <u>3939'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>3944'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>3990'</u>	Wt. Pipe Run <u>2008</u>	Drill Collar Run <u>6008</u>
Mud Wt. <u>9.0</u> LCM <u> </u> Vis. <u>54</u> WL <u>7.2cc</u>	Drill Pipe Size <u>4 1/2" KH</u>	Ft. Run <u>3939</u>

Blow Description IF: Fair to strong below. Return of mudbit in 17 mins
ISI: Fair to strong below 1
FF: Strong blow. Return of mudbit in 1-2 secs. GTS in 40 mins
(see gas volume report) FSI: Fair below. 1-2-50'

Recovery — Total Feet <u>30</u>	GIP <u>yes</u>	Ft. in DC <u> </u>	Ft. in DP <u>30</u>	
Rec. <u>30</u> Feet Of <u>Dry Mud</u>	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water	%mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water	%mud

BHT 100 °F Gravity N/A °API D@ °F Corrected Gravity N/A °API
 RW NC @ °F Chlorides 8,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1821</u>	<u>1090</u>		<u>2342</u>	<u>1800 *</u>
(B) First Initial Flow Pressure	<u>18</u>	<u>24</u>		<u>2450</u>	<u>5134</u>
(C) First Final Flow Pressure	<u>23</u>	<u>25</u>		<u>10248</u>	<u>0335</u>
(D) Initial Shut-in Pressure	<u>802</u>	<u>810</u>		<u>2457</u>	<u>1007</u>
(E) Second Initial Flow Pressure	<u>23</u>	<u>21</u>		<u> </u>	<u>1145</u>
(F) Second Final Flow Pressure	<u>28</u>	<u>24</u>		<u> </u>	<u>1300</u>
(G) Final Shut-in Pressure	<u>1194</u>	<u>1178</u>			<u>608</u>
(Q) Final Hydrostatic Mud	<u>1861</u>	<u>1310</u>			<u>200</u>

Final Flow Safety Joint
 Final Shut-in 240 Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elec. Rec. ✓ 150
 Mileage
 Other 10.14 ✓
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C. 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 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.

Approved By Mike Mawz
 Our Representative

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petl. Corp.

DATE 10-08-99

WELL NAME: Spriggs H#1

KB 1740.00 ft

TICKET NO: 12382

DST #2

LOCATION : 29-33s-13w Barber co KS

GR 1732.00 ft

FORMATION: Lans.

INTERVAL : 4235.00 To 4257.00 ft

TD 4257.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF	30	Rec.	10248	10248	2342		PF Fr. 1705 to 1735 hr
SI	60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0 IS Fr. 1735 to 1835 hr
SF	60	Clock(hrs)	12 hr	12 hr	batt.		SF Fr. 1835 to 1935 hr
FS	240	Depth(ft)	4254.0	4254.0	4241.0	0.0	0.0 FS Fr. 1935 to 2335 hr

	Field	1	2	3	4	
A. Init Hydro	2096.0	2105.0	2074.0	0.0	0.0	T STARTED 1431 hr
B. First Flow	25.0	37.0	25.0	0.0	0.0	T ON BOTM 1700 hr
B1. Final Flow	25.0	34.0	16.0	0.0	0.0	T OPEN- 1705 hr
C. In Shut-in	1556.0	1568.0	1561.0	0.0	0.0	T PULLED 2336 hr
D. Init Flow	25.0	34.0	23.0	0.0	0.0	T OUT 0130 hr
E. Final Flow	28.0	33.0	17.0	0.0	0.0	
F. Fl Shut-in	1576.0	1584.0	1580.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2036.0	2047.0	1961.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 25.00 ft of 0.00 ft in DC and 25.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 25.00 ft of Drilling mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----6
 SALINITY 8000.00 P.P.M. A.P.I. Gravity 0.00

Unseated Str Wt 47000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 2.25 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 4217.00 ft

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in 5 mins.
 Initial Shut-in:
 No blow.
 Final Flow:
 Strong blow gas to surface in 18 mins. (see gas volume report)e
 Final Shut-in:
 No blow

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/cf
 Vis. 52.00 S/L
 W.L. 8.00 in3
 F.C. 0.20 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 115.00 F
 Hole Condition good
 % Porosity 11.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00 N
 Cushion Type None
 Reversed Out N
 Tool Chased N
 Tester Gary Pevoteaux
 Co. Rep. Mike Maune
 Contr. Duke Drlg.
 Rig # 2
 Unit #
 Pump T. LCM 3#/bl

SAMPLES: Gas sample
 SENT TO: Caraway/Liberal

Test Successful: Y

GAS RECOVERY

MPANY: Woolsey Petl. Corp.

DATE: 10-08-99

LL NAME: Spriggs H#1

KB Elev: 1740.00 ft TICKET #12382 DST #2

LL LOCATION: 29-33s-13w Barber co KS

GR Elev: 1732.00 ft FORMATION: Lans.

PERVAL Fr.: 4235.00 To 4257.00 T.D.: 4257.00 ft TEST TYPE: CONVENTIONAL

S RECOVERY MEASURED WITH Adjusting Choke

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
25	0.25	0	6	4120.0
30	0.25	0	6	4120.0
35	0.25	0	6	4120.0
40	0.25	0	6	4120.0
45	0.25	0	6	4120.0
50	0.25	0	6	4120.0
60	0.25	0	6	4120.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Spriggs H#1

LOCATION : 29-33s-13w Barber co KS

TICKET No. 12382 D.S.T. No. 2 DATE 10-08-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 22

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 49

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands 68 Single Total 4217

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4266

TOTAL DEPTH 4257

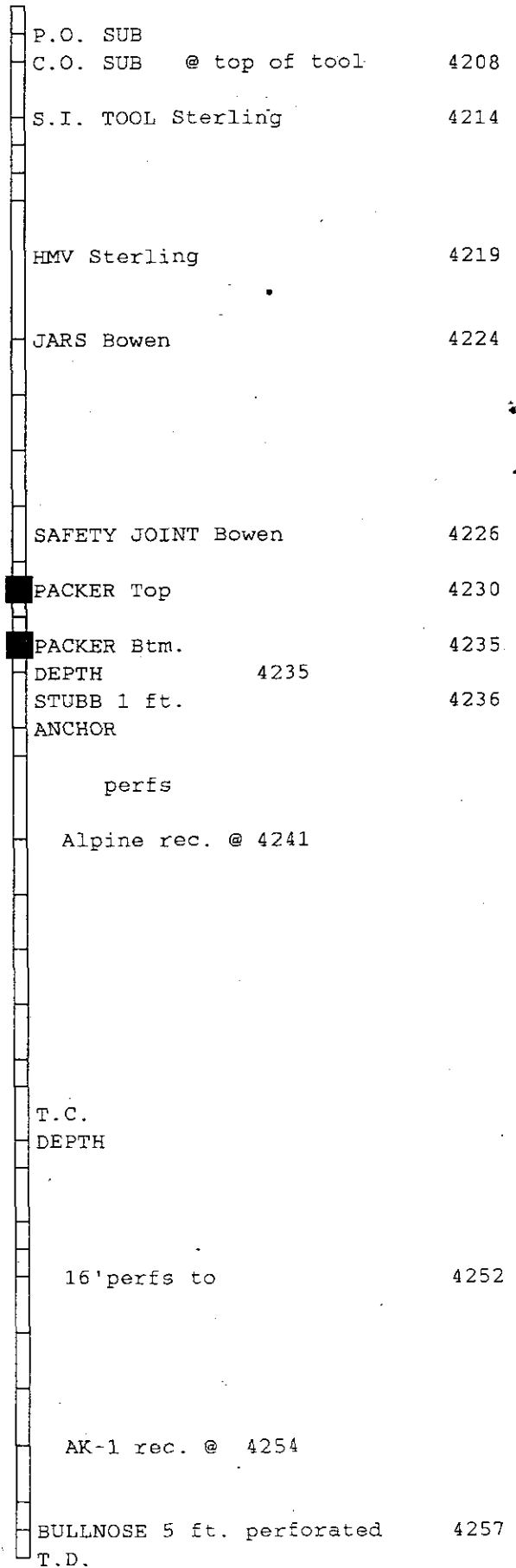
TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

Comments: Fax reports to Woolsey Petl.

FLUID SAMPLER DATA (not run)

GAS-----		cubic ft
OIL-----		ML.
MUD-----		ML.
WATER-----		ML.
OTHER-----		
PRESSURE-----		PSI
Rw -----	ohms @	deg. F.
CHLORIDES-----		ppm.
GRAVITY-----		deg.API



TEST HISTORY

12382 DST#2 SPRIGGS HH1 WOOLSEY PETL. CORP.

Flag Points
t(Min.) P(PSig)

R: 0.00 2074.27
B: 0.00 24.83
C: 28.25 16.27
D: 60.25 1561.30
E: 0.00 23.49
F: 59.25 17.11
G: 241.25 1579.93
Q: 0.00 1960.80

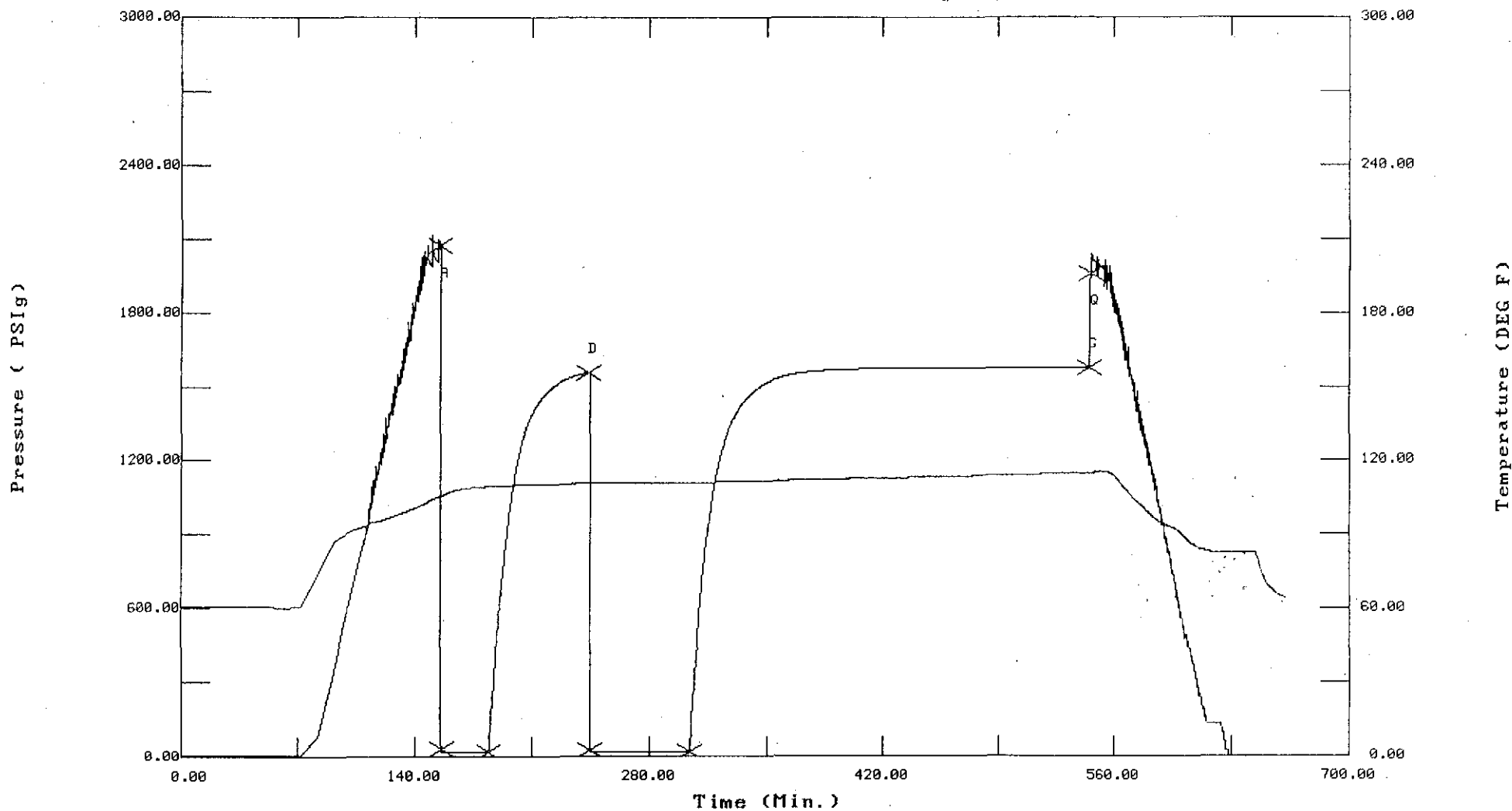
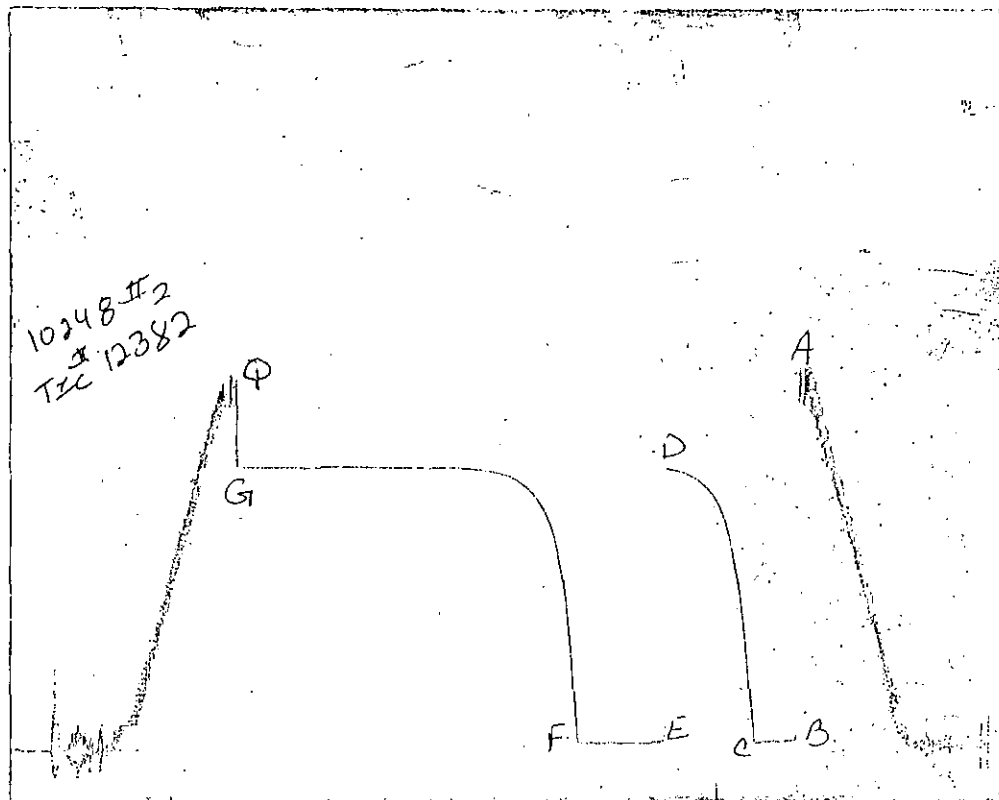


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12382

Test Ticket

Well Name & No. SPRIGGS H#1 Test No. 2 Date 10-8-99
 Company WOLSEY PETROLEUM Zone Tested LAOS
 Address 125 N. MARKET STE 1000, WICHITA KS. 67202 Elevation 1740 KB 1732 GL
 Co. Rep/Geo. MIKE MAUNE Cont. DUKE DRUG #2 Est. Ft. of Pay 6 Por. %
 Location: Sec. 29 Twp. 33 Rge. 13W Co. BARBER State KS.
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 4235 - 4257' Initial Str Wt/Lbs. 47,000 Unseated Str Wt/Lbs. 47,000
 Anchor Length 22 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 4230' Tool Weight 2100 #
 Bottom Packer Depth 4235' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4257' Wt. Pipe Run None Drill Collar Run None
 Mud Wt. 9.1 LCM 3# Vis. 52 WL 5.0 cc Drill Pipe Size 4 1/2" X.H. Ft. Run 4217'
 Blow Description IF: Strong blow. Btm. of bucket in 5 mins.
IF: No blow
FF: Strong blow. Btm. in 18 mins. (see gas volume report) FSI No blow

Recovery — Total Feet 25 GIP 425 Ft. in DC Ft. in DP 25
 Rec. 25 Feet Of Dry well %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
 Rec. Feet Of %gas %oil %water %mud
 BHT 115 °F Gravity 1.14 °API D@ °F Corrected Gravity 1.14 °API
 RW nc @ °F Chlorides 8,000 ppm Recovery Chlorides 8,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	2056	2074	2342	400
(B) First Initial Flow Pressure	25	25	(depth) 4241'	T-Started 431
(C) First Final Flow Pressure	25	16	PSI Recorder No. 10248	T-Open 1705
(D) Initial Shut-In Pressure	1556	1561	(depth) 4254'	T-Pulled 2336
(E) Second Initial Flow Pressure	25	25	PSI Recorder No. <u> </u>	T-Out 0'30"
(F) Second Final Flow Pressure	28	17	(depth) <u> </u>	T-Off Location 6240
(G) Final Shut-in Pressure	1576	1580	PSI Initial Opening 30	Test <input checked="" type="checkbox"/> 700
(Q) Final Hydrostatic Mud	2036	1701	PSI Initial Shut-in 60	Jars <input checked="" type="checkbox"/> 700
			Final Flow 60	Safety Joint <input checked="" type="checkbox"/> 50
			Final Shut-in 240	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <input checked="" type="checkbox"/> 150
				Mileage <u> </u>
				Other <u>179#</u> <input checked="" type="checkbox"/>
				TOTAL PRICE \$ <input checked="" type="checkbox"/>

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Approved By Michael K. Maune
 Our Representative