

ORIGINAL

SIDE ONE

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

API NO. 15- 065-22,608-00-00

County Graham

SE SW SW Sec. 32 Twp. 08 Rge. 24 East West

330' Ft. North from Southeast Corner of Section

4440' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Holly Well # 9-6

Field Name Holly

Producing Formation LANSING K.C.

Elevation: Ground 2452' KB 2457'

Total Depth 3985' 4007' PBDT 4200' 4005'

Operator: License # 30420

Name: VJI Natural Resources

Address 1503 Vine Street Unit F

City/State/Zip Hays, Kansas 67601

Purchaser: _____

Operator Contact Person: Jason Dinges

Phone (913) 625-8360

Contractor: Name: Western Kansas Drilling, Inc.

License: 4083

Wellsite Geologist: Ron Nelson

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd. Delayed Comp.

Gas Inj Other (Core, Water Supply, etc.)

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: _____

Well Name: _____

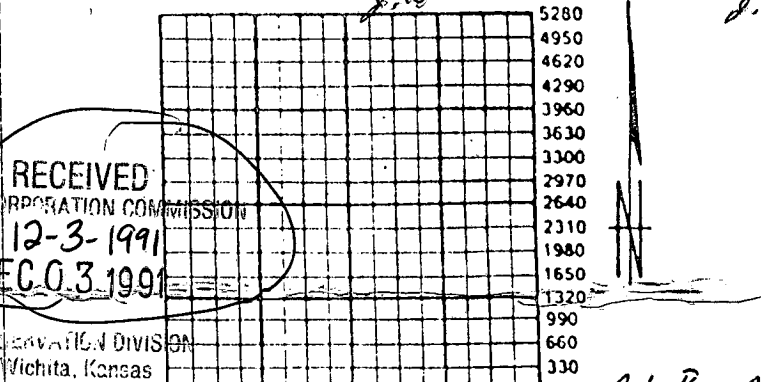
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

11-29-90 12-6-90 12-22-90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 217' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2150

feet depth to SURFACE w/ 4 5/8\" 800 SX SX cmt:

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jason Dinges
Title AGENT FOR V.J.I. NATURAL RES. Date 11-27-91
Subscribed and sworn to before me this 27th day of November 1991.
Notary Public Jana M. Fross
Date Commission Expires 8-16-92

JANA M. FROSS
Notary Public - State of Kansas
My Appt. Expires 8-16-92

RECEIVED
STATE CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received 6-24-1992
DISTRIBUTION
KCC _____ SWD/Rep _____ NGPA _____
KGS _____ Plug _____ Other _____
(Specify)

SIDE TWO

Operator Name VJI Natural Resources Lease Name Holly Well # 9-6
 Sec. 32 Twp. 08 Rge. 24 East County Graham
 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description
 Log Sample
 Name LANSING KC. Top 4000 Bottom 4005 PERFS
RE-TOP 3778 4007 TD

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of string	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8's	19#	217'	60/40 poz.	140sks	3%cc 2%gel
Production	7 7/8"	5 1/2"		3984'	60/40 poz	125sks	10% salt 5% gel sonite

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4000 TO 4005	1500 GAL. ACID	4000

TUBING RECORD Size 4005' 2 3/8 Set At 4005' Packer At _____ Liner Run Yes No

Date of First Production 1-10-91 Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	20	25AL	50/50	28

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Drill-Stem Test Data

Well Name & No. HOLLY #9-E Test No. 1 Date 12/4/90
 Company V. I. I. NATURAL RESOURCES Zone Tested LANSING-KS CITY
 Address 1503 VINE ST UNIT F HAYS KS 67601 Elevation N/A
 Co. Rep./Geol RON NELSON Cont. WESTERN KS DRLG #1 Est. Ft. of Pay 0
 Location: Sec. 32 Twp. 8S Rge. 24W Co. GRAHAM State KANSAS

Interval Tested 3797-3830 Drill Pipe Size 4.5" XH & FH
 Anchor Length 33 Top Choke — 1" Bottom Choke — ¾"
 Top Packer Depth 3792 Hole Size — 77/8" Rubber Size — 6¾"
 Bottom Packer Depth 3797 Wt. Pipe I.D. — 2.7 Ft. Run 0
 Total Depth 3830 Drill Collar — 2.25 Ft. Run 0
 Mud Wt. 8.8 lb/gal. Viscosity 45 Filtrate 8.0
 Tool Open @ 9:30 PM Initial Blow GOOD THROUGHOUT - BOTTOM OF BUCKET
IN 3 MINUTES
 Final Blow SAME AS INITIAL

Recovery — Total Feet 1120 Flush Tool? NO
 Rec. _____ Feet of _____
 Rec. 1120 Feet of OIL SPOTTED WATER
 Rec. 0 Feet of _____
 Rec. 0 Feet of _____
 Rec. 0 Feet of _____

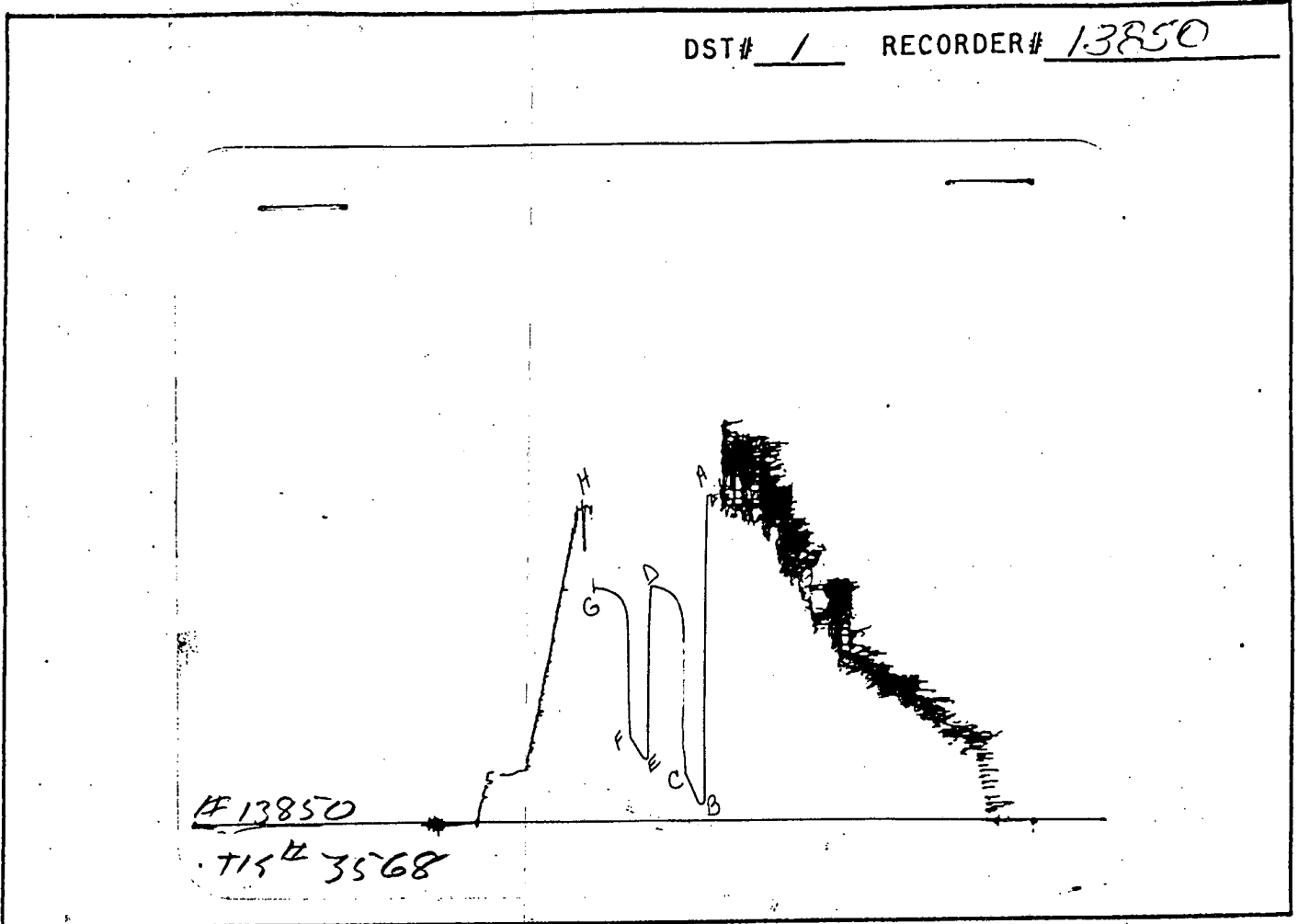
BHT 116 °F Gravity _____ °API @ 0 °F Corrected Gravity 0 °API
 RW 0.7 @ 45 °F Chlorides 14000 ppm Recovery Chlorides 2000 ppm System
 (A) Initial Hydrostatic Mud 1944.5 PSI AK1 Recorder No. 13851 Range 4425
 (B) First Initial Flow Pressure 101.2 PSI @ (depth) 3802 w/Clock No. 31154
 (C) First Final Flow Pressure 278.9 PSI AK1 Recorder No. 13850 Range 4325
 (D) Initial Shut-In Pressure 1401.5 PSI @ (depth) 3830 w/Clock No. 27858
 (E) Second Initial Flow Pressure 361.2 PSI AK1 Recorder No. 0 Range 0
 (F) Second Final Flow Pressure 506.9 PSI @ (depth) 0 w/Clock No. 0
 (G) Final Shut-In Pressure 1399.7 PSI Initial Opening 15
 (H) Final Hydrostatic Mud 1939.8 PSI Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

MR HARRY SCHMIDT

585

Our Representative _____

TOTAL PRICE \$ _____



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1940	1944.5	PSI
(B) First Initial Flow Pressure	100	101.2	PSI
(C) First Final Flow Pressure	277	278.9	PSI
(D) Initial Closed-In Pressure	1398	1401.5	PSI
(E) Second Initial Flow Pressure	355	361.2	PSI
(F) Second Final Flow Pressure	500	506.9	PSI
(G) Final Closed-In Pressure	1398	1399.7	PSI
(H) Final Hydrostatic Mud	1940	1939.8	PSI

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

No 3568

Test Ticket

Well Name & No. HOLLY 9-6 Test No. ONE Date 12-4-90
 Company V.J.I. NATURAL RESOURCES Zone Tested LKC C-D
 Address 1503 VINE ST. UNIT 1 HAYS 67601 Elevation _____
 Co. Rep./Geo. GATOK Cont. W.I.S. #1 Est. Ft. of Pay _____
 Location: Sec. 32 Twp. 08 S Rge. 24 W Co. GRAHAM State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3797 TO 3830 Drill Pipe Size 4 1/2" X 1" + FH
 Anchor Length 33 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3792 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3797 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 3830 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 8.8 lb/gal. Viscosity 45 Filtrate 8.0
 Tool Open @ 9:30 P Initial Blow GOOD THROUGHOUT (ROT. BUCKET 3 MIN.)

Final Blow SAME AS INITIAL

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>1120</u>		<u>NO</u>
Rec. <u>1120</u> Feet Of <u>OIL SPOTTED WATER</u>	%gas	%oil
Rec. _____ Feet Of _____	%gas	%oil
Rec. _____ Feet Of _____	%gas	%oil
Rec. _____ Feet Of _____	%gas	%oil
Rec. _____ Feet Of _____	%gas	%oil

BHT 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 0.7 @ 45 °F Chlorides 14,000 ppm Recovery Chlorides 2000 ppm System

- (A) Initial Hydrostatic Mud 1940 PSI Ak1 Recorder No. 13851 Range 4425
- (B) First Initial Flow Pressure 100 PSI @ (depth) 3802 w/Clock No. 31154
- (C) First Final Flow Pressure 277 PSI Ak1 Recorder No. 13850 Range 4325
- (D) Initial Shut-in Pressure 1398 PSI @ (depth) 3830 w/Clock No. 27858
- (E) Second Initial Flow Pressure 355 PSI Ak1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure 500 PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-in Pressure 1398 PSI Initial Opening 15 Test 550
- (H) Final Hydrostatic Mud 1940 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 35
 Sampler _____

Approved By Ron Helton

Our Representative [Signature]

Extra Packer _____
 Other _____
 TOTAL PRICE \$ 585

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

15-065-22608-00-00

Drill-Stem Test Data

Well Name & No.	HOLLY #9-6	Test No.	2	Date	12/5/90
Company	V. J. I. NATURAL RESOURCES	Zone Tested	LANSING-KS CITY		
Address	1503 VINE ST UNIT F HAYS KS 67601		Elevation	N/A	
Co. Rep./Geo.	MR RON NELSON	Cont.	WESTERN KS DRLG #1	Est. Ft. of Pay	0
Location: Sec.	32	Twp.	8S	Rge.	24W
		Co.	GRAHAM	State	KANSAS

Interval Tested	3852-3860	Drill Pipe Size	4.5" XH &FH			
Anchor Length	8	Top Choke — 1"	Bottom Choke — ¼"			
Top Packer Depth	3847	Hole Size — 7 ⁷ / ₈ "	Rubber Size — 6 ³ / ₄ "			
Bottom Packer Depth	3852	Wt. Pipe I.D. — 2.7 Ft. Run	0			
Total Depth	3860	Drill Collar — 2.25 Ft. Run	0			
Mud Wt.	9.2	lb/gal.	Viscosity	50	Filtrate	7.2
Tool Open @	11:45	Initial Blow	WEAK TO FAIR 6" IN BUCKET IN 30 MINUTES			
Final Blow	SAME AS INITIAL					

Recovery — Total Feet	90	Flush Tool?	NO
Rec.	90	Feet of	GAS IN PIPE
Rec.	5	Feet of	CLEAN OIL
Rec.	85	Feet of	WATER
Rec.	0	Feet of	
Rec.	0	Feet of	

BHT	114	°F Gravity		°API @	0	°F Corrected Gravity	0	°API	
RW	0.33	@	62	°F Chlorides	23000	ppm Recovery	Chlorides	2000	ppm System
(A) Initial Hydrostatic Mud	2001.3	PSI	Ak1 Recorder No.	13851	Range	4425			
(B) First Initial Flow Pressure	48.7	PSI	@ (depth)	3855	w/Clock No.	31154			
(C) First Final Flow Pressure	61.2	PSI	Ak1 Recorder No.	13850	Range	4325			
(D) Initial Shut-In Pressure	1051.6	PSI	@ (depth)	3860	w/Clock No.	27854			
(E) Second Initial Flow Pressure	59.7	PSI	Ak1 Recorder No.	0	Range	0			
(F) Second Final Flow Pressure	70.2	PSI	@ (depth)	0	w/Clock No.	0			
(G) Final Shut-In Pressure	1003.2	PSI	Initial Opening	30					
(H) Final Hydrostatic Mud	1990.8	PSI	Initial Shut-In	30					
			Final Flow	30					
			Final Shut-In	30					

MR HARRY SCHMIDT

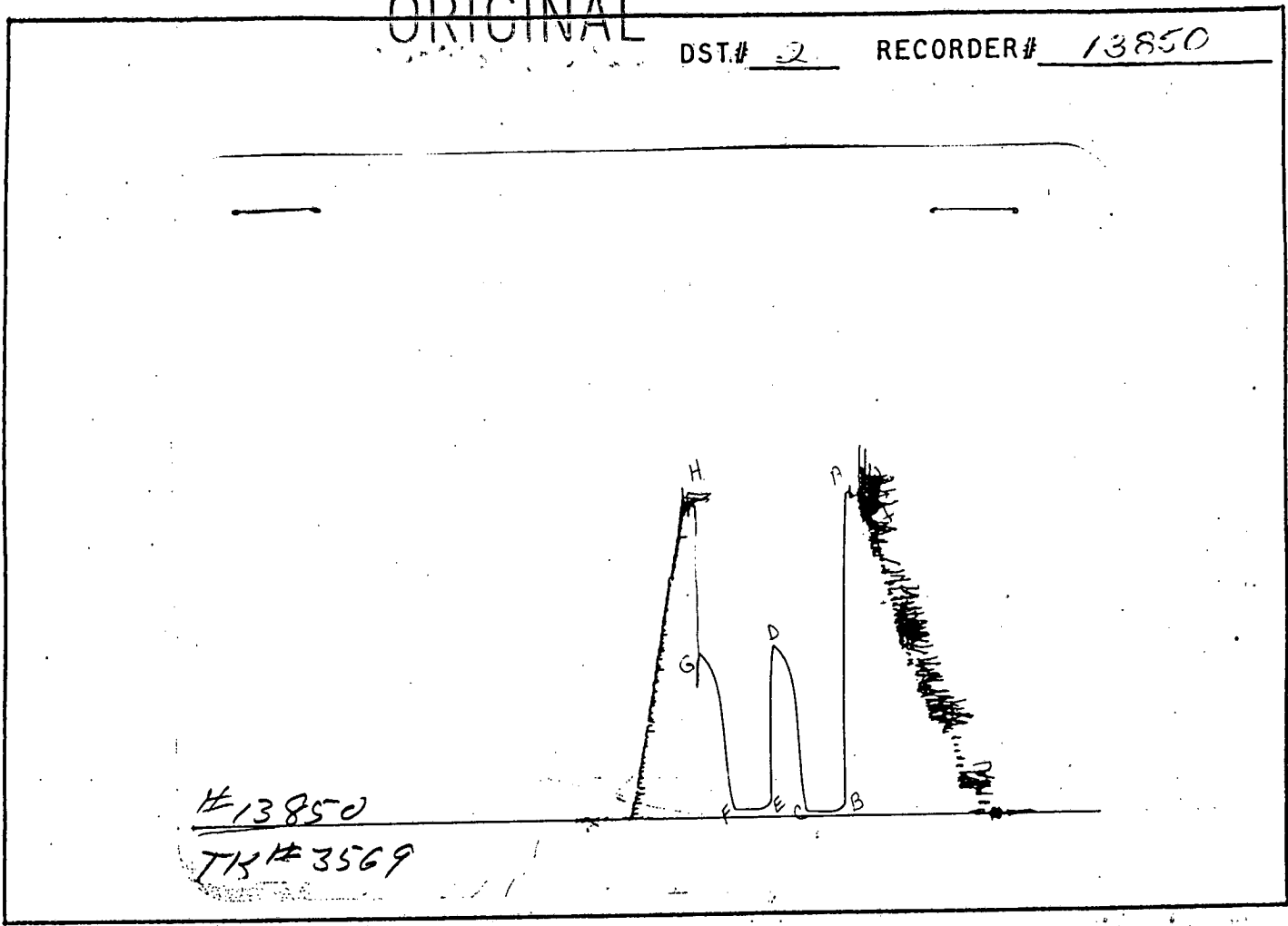
550

Our Representative _____

TOTAL PRICE \$ _____

ORIGINAL

DST.# 2 RECORDER# 13850



This is an actual photograph of recorder chart.

PRESSURE

POINT	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1995	2001.3	PSI
(B) First Initial Flow Pressure	44	48.7	PSI
(C) First Final Flow Pressure	55	61.2	PSI
(D) Initial Closed-in Pressure	1046	1051.6	PSI
(E) Second Initial Flow Pressure	55	59.7	PSI
(F) Second Final Flow Pressure	66	70.2	PSI
(G) Final Closed-in Pressure	1002	1003.2	PSI
(H) Final Hydrostatic Mud	1995	1990.8	PSI

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

15-065-22608-00-00

No. 3569

Test Ticket

Well Name & No. HOLLY 9-6 Test No. TWO Date 12-5-90
 Company V.J.L. NATURAL RESOURCES Zone Tested LKC - F
 Address 1503 NINE ST. UNIT F. HAYS 67601 Elevation _____
 Co. Rep./Geo. GATOR Cont. _____ Est. Ft. of Pay _____
 Location: Sec. 32 Twp. 8 S Rge. 24 W Co. GRAMM State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3852 TO 3860 Drill Pipe Size 4 1/2" X 1" + FIT
 Anchor Length 8' Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3847 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3852 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 3860 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.2 lb/gal. Viscosity 50 Filtrate 2.2
 Tool Open @ 11:45 Initial Blow WEAK TO FAIR 6" IN BUCKET IN 30 MIN.

Final Blow SAME AS INITIAL

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>90</u>	<u>90</u>	<u>NO</u>
Rec. <u>5</u> Feet Of <u>CLEAN OIL</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>85</u> Feet Of <u>WATER</u>	%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 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.33 @ 62 °F Chlorides 23000 ppm Recovery Chlorides 2000 ppm System
 (A) Initial Hydrostatic Mud 1995 PSI AK1 Recorder No. 13851 Range 4425
 (B) First Initial Flow Pressure 44 PSI @ (depth) 3855 w/Clock No. 31154
 (C) First Final Flow Pressure 55 PSI AK1 Recorder No. 13850 Range 4325
 (D) Initial Shut-In Pressure 1046 PSI @ (depth) 3860 w/Clock No. 27854
 (E) Second Initial Flow Pressure 55 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 66 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1002 PSI Initial Opening 30 Test 550
 (H) Final Hydrostatic Mud 1995 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.

Approved By [Signature] Final Flow 30 Safety Joint _____
 Our Representative [Signature] Final Shut-In 30 Straddle _____
 Printcraft Printers - Hays, KS
 TOTAL PRICE \$ 550

15-065-22608-00-00
TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name & No. HOLLY #9-6 Test No. 3 Date 12/5/90
Company V. J. I. NATURAL RESOURCES Zone Tested LANS-KS CITY"K"
Address 1503 VINE ST UNIT F HAYS KS 67601 Elevation N/A
Co. Rep./Geo. MR RON NELSON Cont. WESTERN KS DRLG #1 Est. Ft. of Pay 0
Location: Sec. 32 Twp. 8S Rge. 24W Co. GRAHAM State KANSAS

Interval Tested 3957-3985 Drill Pipe Size 4.5" XH&FH
Anchor Length 28 Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth 3952 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth 3957 Wt. Pipe I.D. — 2.7 Ft. Run 0
Total Depth 3985 Drill Collar — 2.25 Ft. Run 0
Mud Wt. 9.2 lb/gal. Viscosity 50 Filtrate 7.2
Tool Open @ 6:05 AM Initial Blow VERY GOOD-BOTTOM OF BUCKET IN 15
SECONDS
Final Blow SAME AS INITIAL

Recovery — Total Feet 2100 Flush Tool? NO
Rec. 70 Feet of CLEAN OIL
Rec. 240 Feet of MUD CUT OIL-10%GAS/25%OIL/50%WTR/15%MUD
Rec. 1760 Feet of OIL CUT WATER-20%OIL/80%WATER
Rec. 0 Feet of _____
Rec. 0 Feet of _____

BHT 120 °F Gravity 31 °API @ 59 °F Corrected Gravity 32 °API
RW 0.35 @ 55 °F Chlorides 25000 ppm Recovery Chlorides 2000 ppm System
(A) Initial Hydrostatic Mud 2060.2 PSI AK1 Recorder No. 13851 Range 4425
(B) First Initial Flow Pressure 320.0 PSI @ (depth) 3962 w/Clock No. 31154
(C) First Final Flow Pressure 696.5 PSI AK1 Recorder No. 13850 Range 4325
(D) Initial Shut-In Pressure 1015.4 PSI @ (depth) 3985 w/Clock No. 27858
(E) Second Initial Flow Pressure 796.0 PSI AK1 Recorder No. 0 Range 0
(F) Second Final Flow Pressure 899.5 PSI @ (depth) 0 w/Clock No. 0
(G) Final Shut-In Pressure 1017.6 PSI Initial Opening 15
(H) Final Hydrostatic Mud 2017.8 PSI Initial Shut-In 30
Final Flow 15
Final Shut-In 30

MR HARRY SCHMIDT

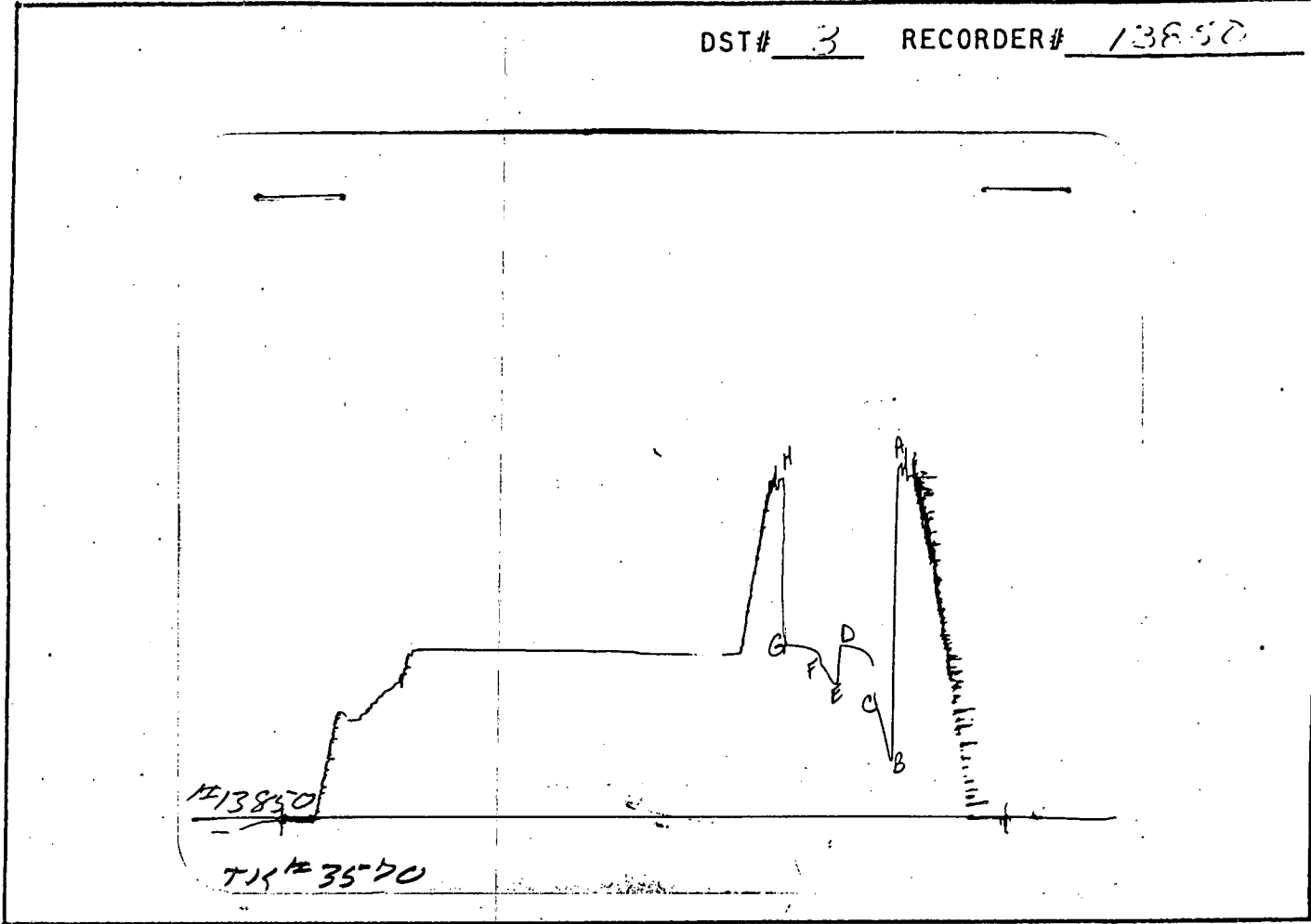
585

Our Representative _____

TOTAL PRICE \$ _____

15-065-22608-00-00

DST# 3 RECORDER# 13850



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2095	2060.2	PSI
(B) First Initial Flow Pressure	311	320.0	PSI
(C) First Final Flow Pressure	696	696.5	PSI
(D) Initial Closed-in Pressure	1013	1015.4	PSI
(E) Second Initial Flow Pressure	772	796.0	PSI
(F) Second Final Flow Pressure	914	899.5	PSI
(G) Final Closed-in Pressure	1013	1017.6	PSI
(H) Final Hydrostatic Mud	2073	2017.8	PSI

Test Ticket ORIGINAL^{No} 3570

Well Name & No. HOLLY 9-6 Test No. TRR 12 Date 12-5-90
 Company V.J.T. NATURAL RESOURCES Zone Tested LLC-1K
 Address 1503 VINE UNIT F. HAYS KS. 67601 Elevation _____
 Co. Rep./Geo. GATOR Cont. W. IS. #1 Est. Ft. of Pay _____
 Location: Sec. 32 Twp. 8S Rge. 24 W Co. GRAHAM State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 3957 TO 3985 Drill Pipe Size _____
 Anchor Length 28 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 3952 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 3957 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 3985 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.2 lb / gal. Viscosity 50 Filtrate 2.2
 Tool Open @ 6:05 A Initial Blow VERY GOOD BOT. OF BUCKET IN 15 SEC.

Final Blow SAME AS INITIAL

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>2100</u>		<u>NO</u>
Rec. <u>70</u> Feet Of <u>CLEAN OIL</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>240</u> Feet Of <u>MUD CUT OIL</u>	%gas <u>10</u> %oil <u>25</u> %water <u>50</u> %mud <u>15</u>	
Rec. <u>1760</u> Feet Of <u>OIL CUT WATER</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 120 °F Gravity 31 °API @ 59 °F Corrected Gravity 32 °API
 RW 0.35 @ 55 °F Chlorides 25000 ppm Recovery Chlorides 2000 ppm System
 (A) Initial Hydrostatic Mud 2095 PSI AK1 Recorder No. 13851 Range 4425
 (B) First Initial Flow Pressure 311 PSI @ (depth) 3962 w/Clock No. 31154
 (C) First Final Flow Pressure 696 PSI AK1 Recorder No. 13850 Range 4325
 (D) Initial Shut-In Pressure 1013 PSI @ (depth) 3985 w/Clock No. 27858
 (E) Second Initial Flow Pressure 772 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 914 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1013 PSI Initial Opening 15 Test 5500
 (H) Final Hydrostatic Mud 2073 PSI Initial Shut-In 30 Jars _____

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Final Flow 15 Safety Joint _____
 Final Shut-In 30 Straddle _____
 Circ. Sub 3500
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ 585

Approved By [Signature]
 Our Representative [Signature]
 Printcraft Printers - Hays, KS