

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

ORIGINAL

API NO. 15- 051-24,650 - 0000

County Ellis

Operator: License # 03613

Name: Hallwood Petroleum, Inc.

Address 4582 S Ulster St. Parkway #1700

P.O. Box 378111

City/State/Zip Denver, CO 80237

Purchaser: N/A

Operator Contact Person: George Hutton

Phone (316) 792-2756

Contractor: Name: Red Tiger Drilling

License: 5302

Wellsite Geologist: Jim Musgrove

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR S16W
 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/Prod
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6/10/90 6/17/90 6/18/90
Spud Date Date Reached TD Completion Date

NW - NW - SW - Sec. 31 Twp. 11 Rge. 20 ^E

2380 Feet from ^N Line of Section

4730 Feet from ^E Line of Section

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

Lease Name Huck B Well # 3T

Field Name Nicholson, South

Producing Formation N/A

Elevation: Ground 2274 KB 2279

Total Depth 3975 PBTB _____

Amount of Surface Pipe Set and Cemented at 272 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan As It Is Done
_____ must be collected from the Reserve Pit)

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 28 1992

Chloride content 5000 ppm Fluid volume 326 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. _____

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 Martin Pall

Title Sr. Eng. Tech. Date 2/27/92

Subscribed and sworn to before me this 27th day of February, 1992.

Notary Public Alexander K...

Date Commission Expires May 21, 1994

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

Operator Name Hallwood Petroleum, Inc.

Lease Name Huck B

Well # 3T

Sec. 31 Twp. 11S Rge. 20

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 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:

DIL
SDL/DSN
CORAL
MICRO

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1686' (+592')	
Plattsmouth	3469' (-1190')	
Heebner	3527' (-1248')	
Toronto	3550' (-1271')	
Lansing	3563' (-1284')	
Base Kansas City	3774' (-1497')	
Arbuckle	3934' (-1656')	

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"	24#	272'	60/40 poz	125	2% gel 3% cc
						100	3% cc, nogel

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	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) P&A

Production Interval

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name & No.	HUCK "B" TWIN #3	Test No.	1	Date	6/16/90
Company	QUINOCO PETROLEUM INC	Zone Tested	CONGLOMERATE		
Address	4582 S ULSTER DENVER CO 80237	Elevation	2252 KB		
Co. Rep./Geo.	MR JIM MUSGROVE	Cont.	RED TIGER RIG #5	Est. Ft. of Pay	0
Location: Sec.	31	Twp.	11S	Rge.	20W
		Co.	ELLIS	State	KANSAS

Interval Tested	3826-3893	Drill Pipe Size	4.5" XH			
Anchor Length	67	Top Choke — 1"	Bottom Choke — 3/4"			
Top Packer Depth	3821	Hole Size — 77/8"	Rubber Size — 63/4"			
Bottom Packer Depth	3826	Wt. Pipe I.D. — 2.7 Ft. Run	638			
Total Depth	3893	Drill Collar — 2.25 Ft. Run	0			
Mud Wt.	9.5	lb/gal.	Viscosity	45	Filtrate	10.4
Tool Open @	7:05	Initial Blow	LOST MUD WHEN OPENED TOOL-RESET TOOL-			
			LOST MUD 6 MINUTES INTO 1st OPEN			
Final Blow						

Recovery — Total Feet	500	Flush Tool?						
Rec.	500	Feet of	DRILLING MUD -NO SHOW					
Rec.	0	Feet of						
Rec.	0	Feet of						
Rec.	0	Feet of						
Rec.	0	Feet of						
BHT	115	°F Gravity	0	°API @	0	°F Corrected Gravity	0	°API
RW	@	°F Chlorides	ppm Recovery	Chlorides	5000	ppm System		
(A) Initial Hydrostatic Mud	1985.1	PSI	Ak1 Recorder No.	13754	Range	4000		
(B) First Initial Flow Pressure	0	PSI	@ (depth)	3800	w/Clock No.	26199		
(C) First Final Flow Pressure	0	PSI	AK1 Recorder No.	13849	Range	4075		
(D) Initial Shut-In Pressure	0	PSI	@ (depth)	3800	w/Clock No.	26191		
(E) Second Initial Flow Pressure	0	PSI	AK1 Recorder No.	0	Range	0		
(F) Second Final Flow Pressure	0	PSI	@ (depth)	0	w/Clock No.	0		
(G) Final Shut-In Pressure	0	PSI	Initial Opening	5				
(H) Final Hydrostatic Mud	1916.1	PSI	Initial Shut-in	0				
			Final Flow	0				
			Final Shut-In	0				

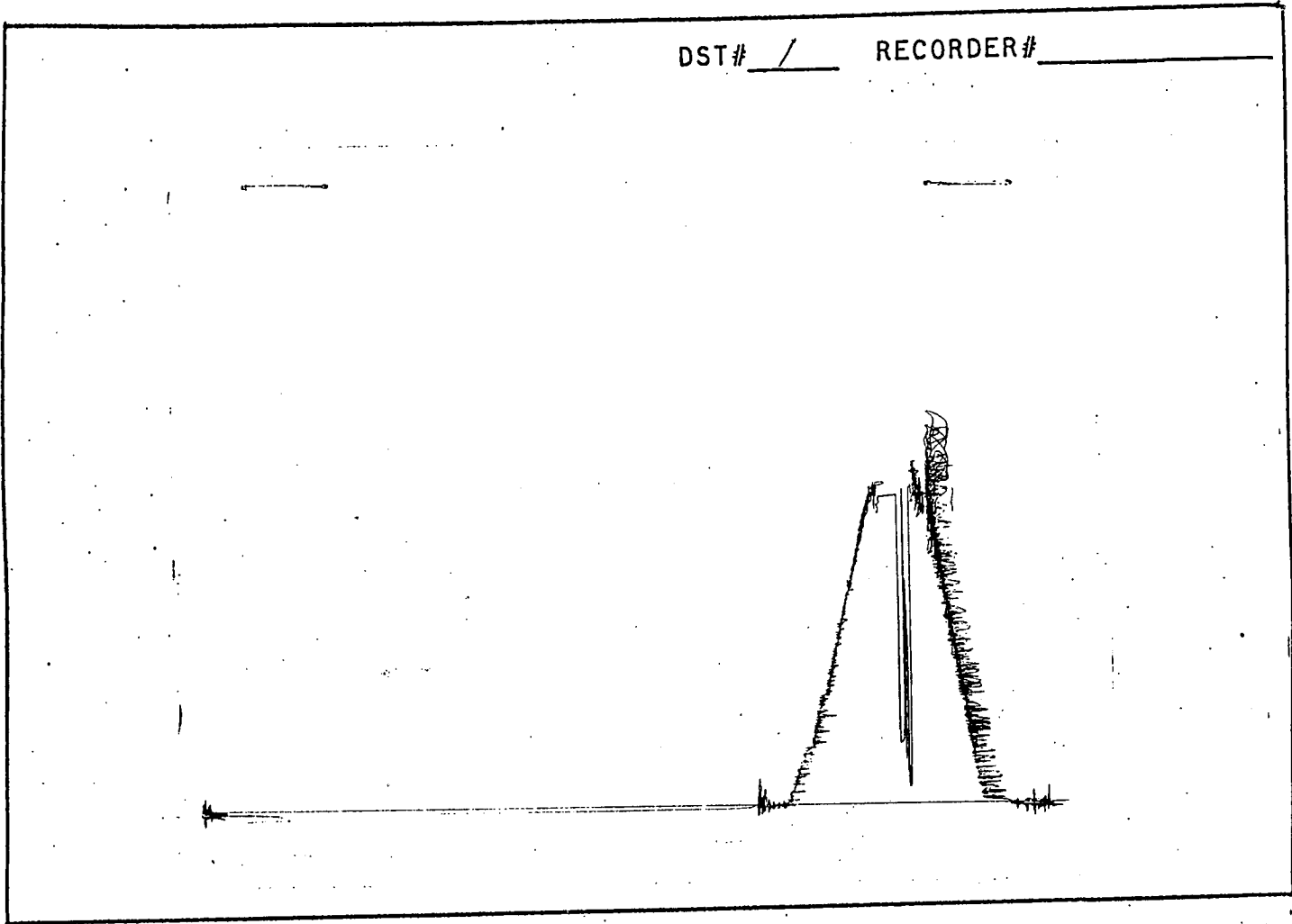
MR DAN BANGLE

250

Our Representative _____

TOTAL PRICE \$ _____

DST# / RECORDER#



This is an actual photograph of recorder chart.

PRESSURE

POINT	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	1986	1986.1	PSI
(B) First Initial Flow Pressure.....	0	0	PSI
(C) First Final Flow Pressure.....	0	0	PSI
(D) Initial Closed-In Pressure.....	0	0	PSI
(E) Second Initial Flow Pressure.....	0	0	PSI
(F) Second Final Flow Pressure.....	0	0	PSI
(G) Final Closed-In Pressure.....	0	0	PSI
(H) Final Hydrostatic Mud.....	1915	1916.1	PSI

TRILOBITE TESTING COMPANY ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

TEST TICKET

No 2956

Well Name & No. Huck 'B' Twin #3 Test No. 1 Date 6-16-90
Company Quinoco Petro. Inc. Zone Tested Co. A9
Address 4582 S. W. 1st St. Denver, Co. 80227 Elevation 2252 K.B.
Co. Rep./Geo. Tim Musgrave Cont. Red Tiger #5 Est. Ft. of Pay _____
Location: Sec. 31 Twp. 11S Rge. 20W Co. Ellis State Ks.
No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____

Interval Tested 3826 - 3893 Drill Pipe Size 4.5 XH
Anchor Length 67 Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth 3821 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 3826 Wt. Pipe I.D. — 2.7 Ft. Run 638
Total Depth 3893 Drill Collar — 2.25 Ft. Run _____
Mud Wt. 9.5 lb/gal. Viscosity 43 Filtrate 10.4
Tool Open @ 2:05 Initial Blow lost mud when open Tool - Reset
Tool - lost mud 6 min into 1st open
Final Blow _____

Recovery — Total Feet 500 Flush Tool? _____
Rec. 500 Feet of D.M. (N.S.)
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
BHT 115 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System
(A) Initial Hydrostatic Mud 1986 PSI AK1 Recorder No. 13754 Range 4000
(B) First Initial Flow Pressure _____ PSI @ (depth) 3830 w/Clock No. 26199
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 13849 Range 4375
(D) Initial Shut-In Pressure _____ PSI @ (depth) 3889 w/Clock No. 26191
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure _____ PSI Initial Opening 6 Test 250 ^{OD}
(H) Final Hydrostatic Mud 1916 PSI Initial Shut-In 0 Jars X
Final Flow 0 Safety Joint X
Final Shut-In 0 Straddle _____
Circ. Sub X
Sampler X
Extra Packer _____
Other Misc
TOTAL PRICE \$ 250 ^{OD}

Approved By _____

Our Representative Don Bouffe
Printcraft Printers - Hays, KS

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No. <u>HUCK "B" TWIN #3</u>	Test No. <u>2</u>	Date <u>6/16/90</u>
Company <u>QUINOCO PETROLEUM INC</u>	Zone Tested <u>CONGLOMERATE</u>	
Address <u>4582 S ULSTER DENVER CO 80237</u>	Elevation <u>2252 KB</u>	
Co. Rep./GeoMR <u>JIM MUSGROVE</u>	Cont. <u>RED TIGER RIG #5</u>	Est. Ft. of Pay <u>0</u>
Location: Sec. <u>31</u>	Twp. <u>11S</u>	Rge. <u>20W</u> Co. <u>ELLIS</u> State <u>KANSAS</u>

Interval Tested <u>3756-3893</u>	Drill Pipe Size <u>4.5" XX</u>
Anchor Length <u>137</u>	Top Choke — 1" <u> </u> Bottom Choke — ¾" <u> </u>
Top Packer Depth <u>3751</u>	Hole Size — 7 ⁷ / ₈ " <u> </u> Rubber Size — 6 ³ / ₄ " <u> </u>
Bottom Packer Depth <u>3756</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>638</u>
Total Depth <u>3893</u>	Drill Collar — 2.25 Ft. Run <u>0</u>
Mud Wt. <u>9.5</u> lb/gal.	Viscosity <u>43</u> Filtrate <u>10.4</u>
Tool Open @ <u>10:40 PM</u>	Initial Blow <u>WEAK-DIED IN 20 MINUTES</u>

Final Blow NO BLOW

Recovery — Total Feet <u>20</u>	Flush Tool? <u> </u>
Rec. <u>20</u> Feet of <u>DRILLING MUD WITH FEW OIL SPOTS ON TOP</u>	
Rec. <u>0</u> Feet of <u> </u>	
Rec. <u>0</u> Feet of <u> </u>	
Rec. <u>0</u> Feet of <u> </u>	
Rec. <u>0</u> Feet of <u> </u>	

BHT 114 °F Gravity °API @ 0 °F Corrected Gravity 0 °API

RW @ °F Chlorides ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud <u>1988.2</u> PSI	AK1 Recorder No. <u>13754</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>31.2</u> PSI	@ (depth) <u>3760</u>	w/Clock No. <u>26199</u>
(C) First Final Flow Pressure <u>31.2</u> PSI	AK1 Recorder No. <u>13849</u>	Range <u>4375</u>
(D) Initial Shut-in Pressure <u>591.6</u> PSI	@ (depth) <u>3889</u>	w/Clock No. <u>26191</u>
(E) Second Initial Flow Pressure <u>51.2</u> PSI	AK1 Recorder No. <u>0</u>	Range <u>0</u>
(F) Second Final Flow Pressure <u>51.2</u> PSI	@ (depth) <u>0</u>	w/Clock No. <u>0</u>
(G) Final Shut-in Pressure <u>485.6</u> PSI	Initial Opening <u>30</u>	
(H) Final Hydrostatic Mud <u>1910.2</u> PSI	Initial Shut-in <u>30</u>	
	Final Flow <u>30</u>	
	Final Shut-in <u>30</u>	

MR DAN BANGLE

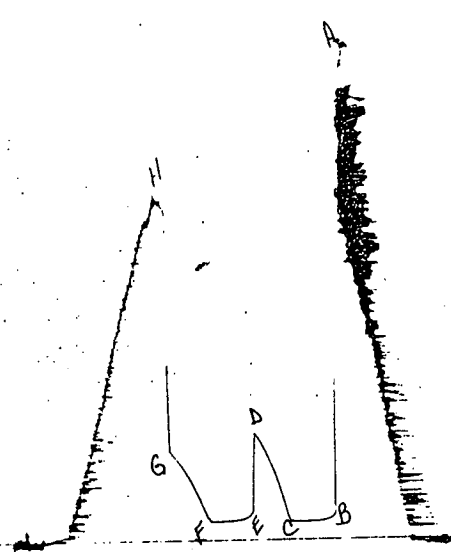
500

Our Representative

TOTAL PRICE \$

DST# 2

RECORDER# ORIGINAL



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud.....	1986	1988.2	PSI
(B) First Initial Flow Pressure.....	29	31.2	PSI
(C) First Final Flow Pressure.....	29	31.2	PSI
(D) Initial Closed-In Pressure.....	590	591.6	PSI
(E) Second Initial Flow Pressure.....	49	51.2	PSI
(F) Second Final Flow Pressure.....	49	51.2	PSI
(G) Final Closed-In Pressure.....	482	485.6	PSI
(H) Final Hydrostatic Mud.....	1906	1910.2	PSI

TRILOBITE TESTING COMPANY

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 2957 Date 6/16/90
Company Name QUINDOCO PETROLEUM INC
Lease HUCK "B" TWIN #3 Test No. 2
County ELLIS Sec. 31 Twp. 11S Rng. 20W

SAMPLER RECOVERY

Gas 0 ML
Oil 0 ML
Mud 3000 ML
Water 0 ML
Other 0 ML
Pressure 265 PSI
Total 3000 ML

PIT MUD ANALYSIS

Chlorides 5000 ppm.
Resistivity 0 ohms @ 0 F
Viscosity 43
Mud Weight 9.5
Filtrate 10.4
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

TEST TICKET

ORIGINAL 2957

Well Name & No. <u>Huck "B" Twin #3</u>	Test No. <u>2</u>	Date <u>6-16-90</u>
Company <u>Quinceo Petro. Inc.</u>	Zone Tested <u>Cong</u>	
Address <u>45825 Ulster, Denver, Colo. 80237</u>	Elevation <u>2252 K.B.</u>	
Co. Rep./Geo. <u>Jim Musgrove</u> cont. <u>Red Tiger #5</u>	Est. Ft. of Pay _____	
Location: Sec. <u>31</u> Twp. <u>11s</u> Rge. <u>20W</u> Co. <u>Ellis</u> State <u>KS.</u>		
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____

Interval Tested <u>3756 - 3893</u>	Drill Pipe Size <u>4.5 XH</u>
Anchor Length <u>137</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3751</u>	Hole Size — 77/8" _____ Rubber Size — 63/4" _____
Bottom Packer Depth <u>3756</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>638</u>
Total Depth <u>3893</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.5</u> lb/gal.	Viscosity <u>43</u> Filtrate <u>10.4</u>
Tool Open @ <u>10:40 P.M.</u> Initial Blow <u>Weak - Died in 20 min.</u>	

Final Blow No blow.

Recovery — Total Feet <u>20</u>	Flush Tool? _____
Rec. <u>20</u> Feet of <u>D.M. w/ few oil spots on top</u>	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	
Rec. _____ Feet of _____	

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud <u>1986</u>	PSI	AK1 Recorder No. <u>13754</u>	Range <u>4000</u>
(B) First Initial Flow Pressure <u>29</u>	PSI	@ (depth) <u>3760</u>	w/Clock No. <u>26199</u>
(C) First Final Flow Pressure <u>29</u>	PSI	AK1 Recorder No. <u>13849</u>	Range <u>4375</u>
(D) Initial Shut-in Pressure <u>590</u>	PSI	@ (depth) <u>3889</u>	w/Clock No. <u>26191</u>
(E) Second Initial Flow Pressure <u>49</u>	PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>49</u>	PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-in Pressure <u>482</u>	PSI	Initial Opening <u>30</u>	Test <u>400 °C</u>
(H) Final Hydrostatic Mud <u>1906</u>	PSI	Initial Shut-in <u>30</u>	Jars <u>X</u>
		Final Flow <u>30</u>	Safety Joint <u>X</u>
		Final Shut-in <u>30</u>	Straddle _____

Approved By _____

Our Representative Dan Bangle

Circ. Sub <u>X</u>
Sampler <u>X</u> <u>100 °C</u>
Extra Packer _____
Other _____
TOTAL PRICE \$ <u>200</u>