

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

ORIGINAL

API NO. 15- 163-23,184-0000
County Rooks

NE NE NW Sec. 12 Twp. 10 Rge. 20 X E

Operator: License # 03613

4950 Feet from S (circle one) Line of Section

Name: Hallwood Petroleum, Inc.

2970 Feet from E (circle one) Line of Section

Address 4582 S. Ulster St. Parkway #1700

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

P.O. Box 378111

Lease Name CA-Desbien Well # 10

City/State/Zip Denver, CO 80237

Field Name Marcotte

Purchaser: N/A

Producing Formation N/A

Operator Contact Person: George Hutton

Elevation: Ground 2220 KB 2229

Phone (316) 792-2756

Total Depth 3898 PBDT

Contractor: Name: Lobo Drilling

Amount of Surface Pipe Set and Cemented at 218 Feet

License: 5864

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: Jim Musgrove

If yes, show depth set _____ Feet

Designate Type of Completion
 New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD S10W Temp. Gas ENHR S16W Dry Other (Core, WSW, Expl., Cathodic, etc.)

RECEIVED
KANSAS CORPORATION COMMISSION
2-28-92
FEB 28 1992

_____ ft. depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan Air II Dry
Data must be collected from the Reserve Pit

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 _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

_____ de content 3000 ppm Fluid volume 321 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

10/22/90 10/26/91
Spud Date Date Reached TD Completion Date

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 Ball

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

Subscribed and sworn to before me this 27th day of February, 19 92.

Notary Public Delene Kaus

Date Commission Expires May 21, 1994

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 Hallwood Petroleum, Inc Lease Name Desbien Well # 10

Sec. 12 Twp. 10 Rge. 20
 East
 West

County Rooks

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:

CDL/DSN
 Dual Guard/Micro Guard
 CAL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1655'	
Heebner	3442'	
Lansing	3480'	
Base Kansas City	3695'	
Arbuckle	3807'	

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#	218	60/40 poz	175	2% gel 3% cc

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 Flowing Pumping Gas Lift 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

15-163-23184-0000

ORIGINAL

Drill-Stem Test Data

Well Name DESBIEN #10 Test No. 1 Date 10/25/91
 Company HALLWOOD PETROLEUM INC Zone Tested KS CITY
 Address 4582 S ULSTER ST PRKSWY DENVER CO Elevation 2220
 Co. Rep./Geo. JFM MUSGROVE Cont. LOBO #1 Est. Ft. of Pay _____
 Location: Sec. 12 Twp. 10S Rge. 20W Co. ROOKS State KS

Interval Tested 3634-3704
 Anchor Length 70
 Top Packer Depth 3629
 Bottom Packer Depth 3634
 Total Depth 3704

Drill Pipe Size 4.5 XH
 Wt. Pipe I.D. - 2.7 Ft. Run 547
 Drill Collar - 2.25 Ft. Run _____

Mud Wt. 9.4 lb / gal. Viscosity 52 Filtrate 9.6

Tool Open @ 12:51 PM Initial Blow 1" BLOW BUILDING TO BOTTOM OF BUCKET
(STARTED LOSING MUD & COULDN'T KEEP HOLE FULL
 Final Blow 2" BLOW TO BOTTOM IN 2 MINUTES-MUD IN HOLE STARTED
DROPPING

Recovery - Total Feet 590 Flush Tool? NO

Rec. 410 Feet of MUD W/ FEW OIL SPOTS

Rec. 150 Feet of MUD

Rec. _____ Feet of _____

Rec. _____ Feet of PACKERS STARTED TO FAIL 25 MINS. INTO INITIAL FLOW

Rec. _____ Feet of _____
 BHT N/A °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

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

(A) Initial Hydrostatic Mud 1941.2 PSI Ak1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 80.5 PSI @ (depth) 3638 w/Clock No. 17639

(C) First Final Flow Pressure 88.7 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-in Pressure _____ PSI @ (depth) 3703 w/Clock No. 17640

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

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

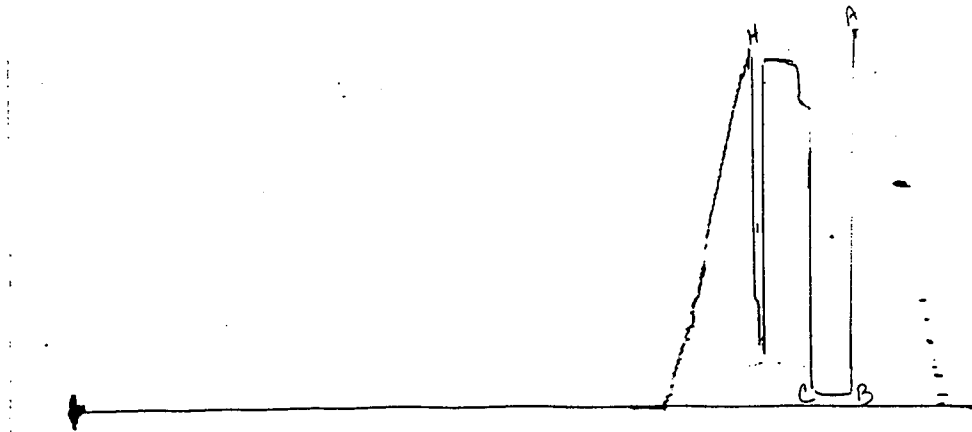
(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 5

(H) Final Hydrostatic Mud 1880.3 PSI Initial Shut-in 30 Final Shut-in 5

Our Representative PAUL SIMPSON

TOTAL PRICE \$ 450

ORIGINAL



POINT This is an actual photograph of recorder chart
PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1932	1941.2
(B) FIRST INITIAL FLOW PRESSURE	74	80.5
(C) FIRST FINAL FLOW PRESSURE	83	88.7
(D) INITIAL CLOSED-IN PRESSURE		
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1875	1880.3

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 4655

Well Name & No. <u>DeSbigny #10</u>		Test No. <u>1</u>	Date <u>10-25-91</u>
Company <u>Hallwood Detroleum Inc</u>		Zone Tested <u>KC</u>	
Address <u>4582 S. Ulster St Pkwy #1700 Denver Co</u>		Elevation <u>2220</u>	
Co. Rep./Geo. <u>Jim Messinger</u>		Cont. <u>LuBo #1</u>	
Location: Sec. <u>12</u> Twp. <u>10</u> Rge. <u>20</u> Co. <u>Rooks</u> State <u>KS</u>		Est. Ft. of Pay _____	
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____	Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>3634 - 3704</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>70</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>3629</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>3634</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>547</u>
Total Depth <u>3704</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.4</u> lb/gal.	Viscosity <u>52</u> Filtrate <u>9.6</u>
Tool Open @ <u>12:51 PM</u>	Initial Blow <u>1" blow building in bottom of basket in 1 minutes (started losing mud & couldn't keep hole full)</u>
Final Blow <u>2" blow to bottom in 2 minutes mud in hole started dropping</u>	

Recovery — Total Feet <u>590</u>	Feet of Gas in Pipe _____	Flush Tool? _____
Rec. <u>410</u> Feet Of <u>Mud w/ few oil spots</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>180</u> Feet Of <u>Mud</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of <u>packer started to fail</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of <u>25 minutes in IF</u>	%gas _____ %oil _____ %water _____ %mud _____	

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

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

(A) Initial Hydrostatic Mud <u>1932</u>	PSI AK1 Recorder No. <u>13337</u>	Range <u>3975</u>
(B) First Initial Flow Pressure <u>74</u>	PSI @ (depth) <u>3638</u>	w/Clock No. <u>17639</u>
(C) First Final Flow Pressure <u>83</u>	PSI AK1 Recorder No. <u>24174</u>	Range <u>3350</u>
(D) Initial Shut-In Pressure _____	PSI @ (depth) <u>3703</u>	w/Clock No. <u>17640</u>
(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 <u>30</u>	Test <u>M/R 400.00</u>
(H) Final Hydrostatic Mud <u>1875</u>	PSI Initial Shut-In <u>30</u>	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 <u>[Signature]</u>	Final Flow <u>5</u>	Safety Joint <u>X 50.00</u>
Our Representative <u>[Signature]</u>	Final Shut-In <u>5</u>	Straddle _____
		Circ. Sub _____
		Sampler _____
		Extra Packer _____
		Other _____
		TOTAL PRICE \$ <u>450.00</u>