

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

API NO. 033-20869 ~~0000~~ ORIGINAL

County Comanche

- -SE-SE Sec. 19 Twp. 32 Rge. 19 X X W

710 Feet from S/N (circle one) Line of Section

630 Feet from E/W (circle one) Line of Section

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

Lease Name Reynolds Well # 1

Field Name Unknown

Producing Formation Viola

Elevation: Ground 1935 KB 1948

Total Depth 6259' PBTD

Amount of Surface Pipe Set and Cemented at 738 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan DLT 4-13-99
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 3613

Name: Hallwood Petroleum, Inc.

Address 4582 So. Ulster Street Parkway

Suite 1700

City/State/Zip Denver, CO 80237

Purchaser: Unknown

Operator Contact Person: George Hutton

Phone (316) 792-2756

Contractor: Name: Eagle Drilling

License: 5380

Wellsite Geologist: Jim Spellman

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

11/30/92 12/13/92
Spud Date Date Reached TD Completion Date

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 Marcin Gall

Title Sr. Eng. Tech. Date 3-12-93

Subscribed and sworn to before me this 10th day of March, 1993

Notary Public Ada M. Christian

Date Commission Expires 9/1/93

RECEIVED
STATE CORPORATION COMMISSION
3-12-93
MAR 12 1993
CONSERVATION DIVISION
Wichita, Kansas

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)

RELEASED Form ACO-1 (7-91)

APR 7 1994

FROM CONFIDENTIAL

PI

SIDE TWO

Operator Name Hallwood Petroleum, Inc. Lease Name Reynolds Well # 1

Sec. 10 Twp. 32 Rge. 19 East West
 County Comanche

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:
 SDL/DSN CSL
 DIL MICRO CORAL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Marmaton	4879	-2926
Pawnee	4963	-3010
Mississippian	5087	-3152

CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Conductor		20'		109	common		
Surface	12 1/4	8 5/8	28	738	HLC	290	2% gel 3% cc 1/4 # Flocele/sk
					40/60 poz	150	2% gel 3% cc 1/4 # Flocele/sk
Production	7 7/8	5 1/2	15.5#	6258'	standard	192	5% EA2 10% salt .75% Halid 322 5#/sk Gilsonite 1/4 # Flocele/sk

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
2	5820-25, 5803-12, 5782-92		
2	5792-95	6,000 gals 15% NE	5782-95 5803-13 5820-25

TUBING RECORD Size 2 7/8 Set At 5774 Packer At N/A Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. SI 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: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3337-9

(If vented, submit ACO-18.) Other (Specify) _____

MAY 1954
 HALLWOOD PETROLEUM COMPANY

FORMATION (TOP), DEPTH AND DATUM

Name	Top	Datum
Topeka	3721'	-1773'
Toronto	4205'	-2257'
Lansing	4386'	-2438'
Marmaton	4879'	-2931'
Pawnee	4963'	-3015'
Cherokee	5008'	-3060'
Mississippian	5087'	-3139'
Warsaw	5324'	-3376'
Cowley	5376'	-3428'
Viola	5780'	-3832'
Simpson	5938'	-3991'
Simpson Sh.	6041'	-4093'
Lwr. Simpson	6091'	-4143'
Arbuckle	6108'	-4160'

ORIGINAL

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FROM CONFIDENTIAL

MAR 30

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KANSAS CORPORATION COMMISSION

APR 13 1993

CONSERVATION DIVISION
WICHITA, KS

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

RELEASED

APR 7 1994

Drill-Stem Test Data

FROM CONFIDENTIAL

Well Name REYNOLDS #1 Test No. 1 Date 12/8/92
 Company HALLWOOD PETROLEUM INC. Zone MARM/PAWNEE
 Address P.O. BOX 378111 DENVER CO 80237-8111 Elevation 1953
 Co. Rep./Geo. JIM SPELLMAN Cont. EAGLE DRLG #1 Est. Ft. of Pay _____
 Location: Sec. 19 Twp. 32S Rge. 19W Co. COMANCHE State KS

Interval Tested	<u>4886-4990</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>104</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>4881</u>	Drill Collar - 2.25 Ft. Run	<u>241</u>
Bottom Packer Depth	<u>4886</u>	Mud Wt.	<u>9.2</u> lb/Gal.
Total Depth	<u>4990</u>	Viscosity	<u>48</u> Filtrate <u>12.8</u>

Tool Open @ 4:20 AM Initial Blow STRONG BLOW - BUILT TO BOTTOM OF BUCKET IN 4 MINUTES
 ISI: BLED OFF BLOW-WEAK BLOW - BUILT TO BOTTOM OF BUCKET IN 30 MINUTES
 Final Blow BOTTOM OF BUCKET AS TOOL OPENED-
 FSI: BLED OFF BLOW - WEAK BLOW-BUILT TO BOTTOM OF BUCKET 25 MIN/GTS IN 40

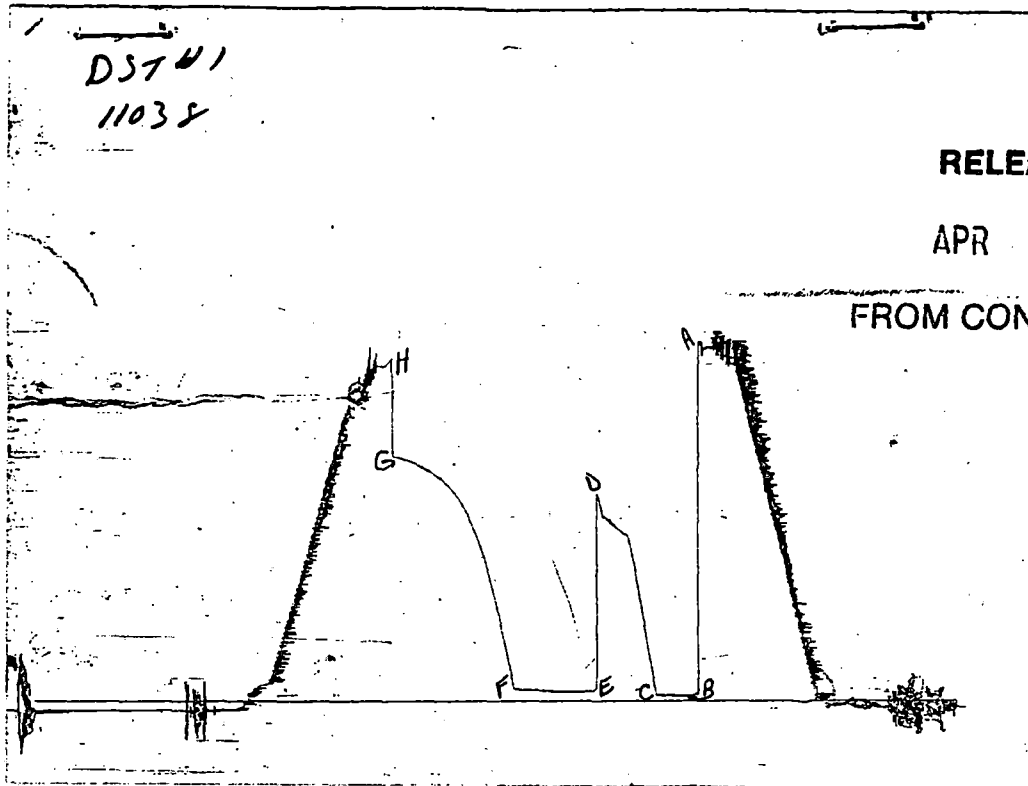
Recovery - Total Feet 260 Flush Tool? NO ORIGINAL

Rec. 260 Feet of GASSY DRILLING MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 111 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6500 ppm System

(A) Initial Hydrostatic Mud	<u>2360.9</u> PSI	AK1 Recorder No.	<u>13277</u>	Range	<u>4125</u>
(B) First Initial Flow Pressure	<u>33.5</u> PSI	@ (depth)	<u>4921</u>	w / Clock No.	<u>27594</u>
(C) First Final Flow Pressure	<u>47.8</u> PSI	AK1 Recorder No.	<u>11038</u>	Range	<u>5075</u>
(D) Initial Shut-in Pressure	<u>1389.4</u> PSI	@ (depth)	<u>4982</u>	w / Clock No.	<u>25814</u>
(E) Second Initial Flow Pressure	<u>70.6</u> PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	<u>88.5</u> PSI	@ (depth)	_____	w / Clock No.	_____
(G) Final Shut-in Pressure	<u>1644.9</u> PSI	Initial Opening	<u>30</u>	Final Flow	<u>60</u>
(H) Final Hydrostatic Mud	<u>2304.7</u> PSI	Initial Shut-in	<u>45</u>	Final Shut-in	<u>90</u>

Our Representative TOM HORACEK



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This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2349	2360.9
(B) FIRST INITIAL FLOW PRESSURE	27	33.5
(C) FIRST FINAL FLOW PRESSURE	41	47.8
(D) INITIAL CLOSED-IN PRESSURE	1385	1389.4
(E) SECOND INITIAL FLOW PRESSURE	68	70.6
(F) SECOND FINAL FLOW PRESSURE	82	88.5
(G) FINAL CLOSED-IN PRESSURE	1637	1644.9
(H) FINAL HYDROSTATIC MUD	2298	2304.7

Test Ticket

FROM CONFIDENTIAL

Well Name & No. Reynolds #1 Test No. #1 Date 12-8-92
 Company Hallwood Energy Zone Tested Marm / Pawnee
 Address Box 378111 Denver Co. 80237 Elevation 1953 (KB)
 Co. Rep./Geo. Jim Spellman Cont. Eagle Dels #1 Est. Ft. of Pay _____
 Location: Sec. 19 Twp. 32 Rge. 19 Co. Comanche State Ks
 No. of Copies _____ Distribution Sheet _____ Yes No Turnkey _____ Yes No Evaluation _____

Interval Tested 4886-4990 Drill Pipe Size 4.5 x-Hole
 Anchor Length 104' Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4881 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4886 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4990 Drill Collar — 2.25 Ft. Run 241'
 Mud Wt. 9.2 lb/gal. Viscosity 48 Filtrate 12.8

Tool Open @ 4:20 PM Initial Blow strong blow - built to bottom of bucket 4 min.
ISF - Bled off blow - weak blow - built to bottom of bucket 30 min.

Final Blow Bottom of bucket as tool opened
FSI - Bled off blow - weak blow - built to bottom of bucket 25 min (GTS 40 min.)

Recovery — Total Feet 260' Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____ Feet Of _____	% gas	% oil	% water	% mud
Rec. _____ Feet Of _____	% gas	% oil	% water	% mud
Rec. <u>260'</u> Feet Of <u>Gassy D-ly mud</u>	% gas	% oil	% water	% mud
Rec. _____ Feet Of _____	% gas	% oil	% water	% mud
Rec. _____ Feet Of _____	% gas	% oil	% water	% mud

BHT 111 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6500 ppm System

- (A) Initial Hydrostatic Mud 2349 PSI AK1 Recorder No. 13277 Range 4125
- (B) First Initial Flow Pressure 27 PSI @ (depth) 4921 w/Clock No. 27594
- (C) First Final Flow Pressure 41 PSI AK1 Recorder No. 11035 Range 5075
- (D) Initial Shut-In Pressure 1385 PSI @ (depth) 4982 w/Clock No. 25814
- (E) Second Initial Flow Pressure 68 PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure 82 PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure 1637 PSI Initial Opening 30 Test 600
- (H) Final Hydrostatic Mud 2298 PSI Initial Shut-In 45 Jars 200

Final Flow 60 Safety Joint 50
 Final Shut-In 90 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By Jim W. Spellman
 Our Representative Tom Horvath

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

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APR 7 1994

Drill-Stem Test Data

Well Name REYNOLDS #1 Test No. 2 FROM ~~CONFIDENTIAL~~ DATE 12/19/92
 Company HALLWOOD PETROLEUM INC. Zone MISS
 Address P.O. BOX 378111 DENVER CO 80237-8111 Elevation 1953
 Co. Rep./Geo. JIM SPELLMAN Cont. EAGLE DRLG #1 Est. Ft. of Pay 19
 Location: Sec. 19 Twp. 32S Rge. 19W Co. COMANCHE State KS

Interval Tested 5066-5123 Drill Pipe Size 4.5" XH
 Anchor Length 57 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 5061 Drill Collar - 2.25 Ft. Run 241
 Bottom Packer Depth 5066 Mud Wt. 9.1 lb/Gal.
 Total Depth 5123 Viscosity 54 Filtrate 11.2

Tool Open @ 3:50 AM Initial Blow STRONG BLOW - BOTTOM OF BUCKET IN 30 SECONDS
GAS TO SURFACE IN 3 MINUTES/GAUGED @521000 MCF
 Final Blow BOTTOM OF BUCKET AS TOOL OPENED/GAUGED @527000 MCF

Recovery - Total Feet 330 Flush Tool? NO ORIGINAL

Rec. 330 Feet of GASSY DRILLING MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 113 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 2450.9 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 195.7 PSI @ (depth) 5096 w / Clock No. 27594

(C) First Final Flow Pressure 181.6 PSI AK1 Recorder No. 11038 Range 5075

(D) Initial Shut-in Pressure 1780.9 PSI @ (depth) 5120 w / Clock No. 25814

(E) Second Initial Flow Pressure 181.6 PSI AK1 Recorder No. _____ Range _____

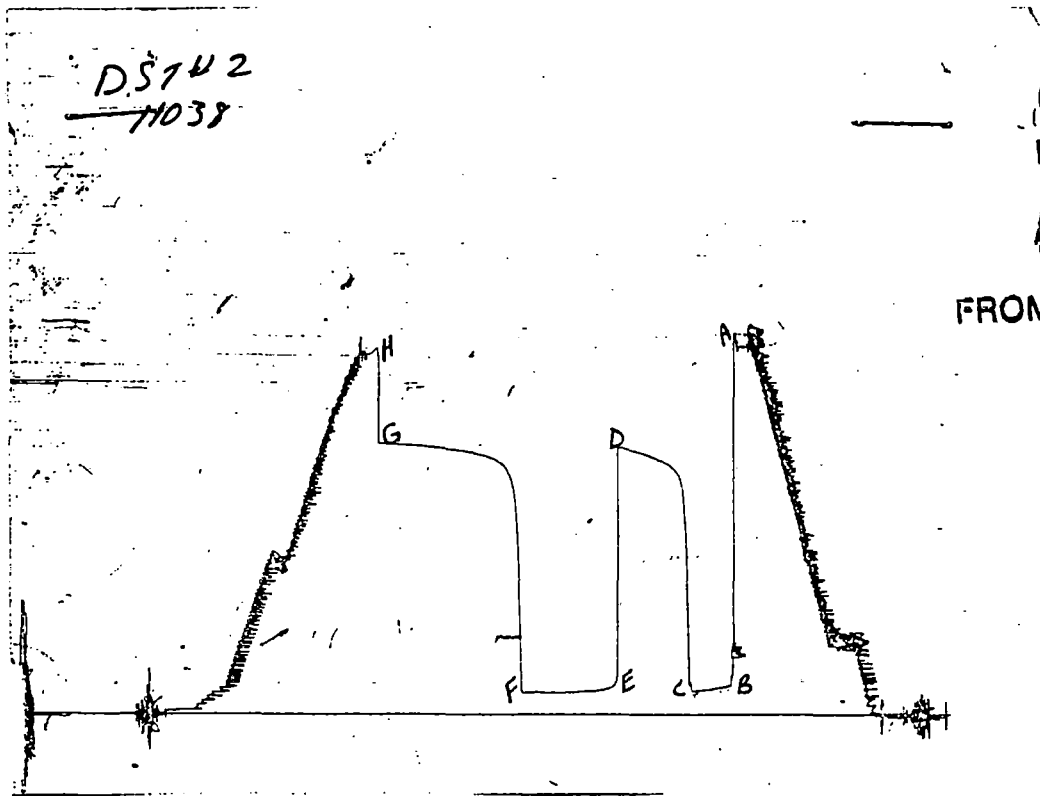
(F) Second Final Flow Pressure 153.6 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1820.7 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2408.9 PSI Initial Shut-in 45 Final Shut-in 90

Our Representative TOM HORACEK

CHART PAGE



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This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2439	2450.9
(B) FIRST INITIAL FLOW PRESSURE	190	195.7
(C) FIRST FINAL FLOW PRESSURE	176	181.6
(D) INITIAL CLOSED-IN PRESSURE	1776	1780.9
(E) SECOND INITIAL FLOW PRESSURE	176	181.6
(F) SECOND FINAL FLOW PRESSURE	149	153.6
(G) FINAL CLOSED-IN PRESSURE	1814	1820.7
(H) FINAL HYDROSTATIC MUD	2400	2408.9

GAS VOLUME REPORT

RELEASED

APR 7 1994

FROM CONFIDENTIAL

HALLWOOD PETROLEUM INC.

REYNOLDS #1

DST # 2

MIN	ORIFICE	MCF/D	MIN	PSIG	ORIFICE	MCF/D
10	56	1.5	10	3	1.5	654000
20	56	1.5	20	2.5	1.5	595000
30	56	1.5	30	2	1.5	527000
			40	2	1.5	527000
			50	2	1.5	527000
			60	2	1.5	527000

GAS TO SURFACE IN 3 MINUTES/GAS WILL BURN

Remarks:

APR 7 1994
 4956

Test Ticket

FROM CONFIDENTIAL

Well Name & No. Reynolds #1 Test No. #2 Date 12-9-92
 Company Hallwood Energy Zone Tested Miss.
 Address Box 378111 Denver Col. 80237 Elevation 1953 (KR)
 Co. Rep./Geo. Jim Spellman Cont. Eagle Drls #1 Est. Ft. of Pay 19'
 Location: Sec. 19 Twp. 32 Rge. 19 Co. Cernancho State Ks
 No. of Copies 5 Distribution sheet Yes X No Turnkey Yes X No Evaluation

Interval Tested 5066-5123 Drill Pipe Size 4.5 x-Hole
 Anchor Length 57' Top Choke - 1" Bottom Choke - 3/4"
 Top Packer Depth 5061 Hole Size - 7 7/8" Rubber Size - 6 3/4"
 Bottom Packer Depth 5066 Wt. Pipe I.D. - 2.7 Ft. Run -
 Total Depth 5123 Drill Collar - 2.25 Ft. Run 241'
 Mud Wt. 9.1 lb/gal. Viscosity 54 Filtrate 11.2

Tool Open @ 3:50 AM Initial Blow strong blow - bottom of bucket 30 sec.
GTS in 3 min. Gauged @ 521,000 MCF
 Final Blow Bottom of bucket as tool opened.

Recovery - Total Feet 330' Feet of Gas in Pipe _____ Flush Tool? NO

Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. <u>330</u>	Feet Of <u>Gassy Drls mud</u>	%gas	%oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud
Rec. _____	Feet Of _____	%gas	%oil	%water	%mud

BHT 113 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud 2439 PSI Ak1 Recorder No. 13277 Range 4125
 (B) First Initial Flow Pressure 190 PSI @ (depth) 5096 w/Clock No. 27594
 (C) First Final Flow Pressure 176 PSI AK1 Recorder No. 11038 Range 5075
 (D) Initial Shut-In Pressure 1776 PSI @ (depth) 5120 w/Clock No. 25814
 (E) Second Initial Flow Pressure 176 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 149 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1814 PSI Initial Opening 30 Test X 700 cc
 (H) Final Hydrostatic Mud 2400 PSI Initial Shut-In 45 Jars X 200 cc

Final Flow 60 Safety Joint X 50 cc
 Final Shut-In 90 Straddle _____
 Circ. Sub _____
 Sampler _____

Approved By James W. Spellman
 Our Representative Tom Horacek
 Extra Packer _____
 Other _____

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.

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

RELEASED

Drill-Stem Test Data

APR 7 1994

Well Name REYNOLDS #1 Test No. 3 Date 12/9/92
Company HALLWOOD PETROLEUM INC. Zone FROM CONFIDENTIAL
Address P.O. BOX 378111 DENVER CO 80237-8111 Elevation 1953
Co. Rep./Geo. JIM SPELLMAN Cont. EAGLE DRLG #1 Est. Ft. of Pay 10
Location: Sec. 19 Twp. 32S Rge. 19W Co. COMANCHE State KS

Interval Tested 5155-5200 Drill Pipe Size 4.5" XH
Anchor Length 45 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 5150 Drill Collar - 2.25 Ft. Run 241
Bottom Packer Depth 5155 Mud Wt. 9.2 lb/Gal.
Total Depth 5200 Viscosity 54 Filtrate 10.4

Tool Open @ 11:05 PM Initial Blow STRONG BLOW - BOTTOM OF BUCKET IN 1 MINUTE
ISI: BLED OFF BLOW - WEAK BLOW BUILT TO 1"
Final Blow FAIR BLOW - BUILT TO BOTTOM IN 3.5 MINUTES
FSI: BLED OFF BLOW - WEAK BLOW - BUILT TO 2"

Recovery - Total Feet 180 Flush Tool? NO

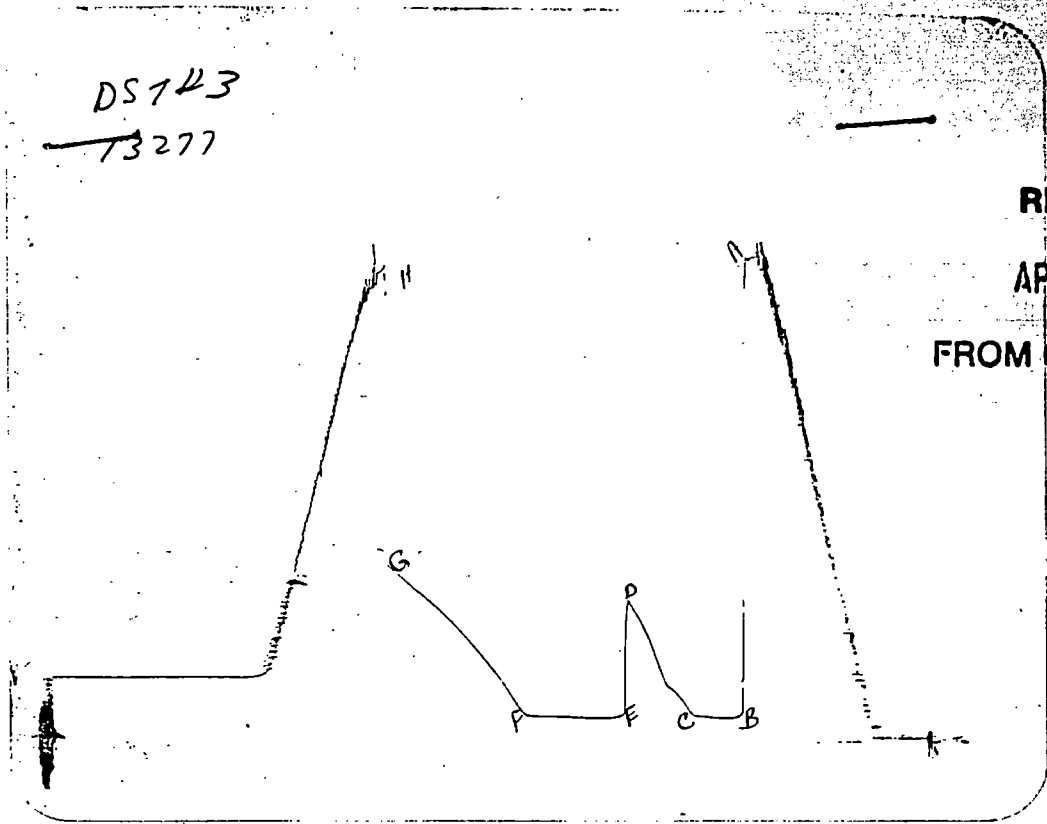
Rec. 1200 Feet of GAS IN PIPE
Rec. 30 Feet of CLEAN GASSY OIL-10%GAS/90%OIL
Rec. 150 Feet of OIL CUT MUD-5%GAS/10%OIL/40%WTR/45%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity 33 °API @ 60 °F Corrected Gravity 33 °API
RW 1 @ 60 °F Chlorides 7000 ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 2587.9 PSI AK1 Recorder No. 13277 Range 4125
(B) First Initial Flow Pressure 70.6 PSI @ (depth) 5159 w / Clock No. 27594
(C) First Final Flow Pressure 70.6 PSI AK1 Recorder No. 11038 Range 5075
(D) Initial Shut-in Pressure 788.5 PSI @ (depth) 5197 w / Clock No. 25814
(E) Second Initial Flow Pressure 88.5 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 88.5 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 974.6 PSI Initial Opening 30 Final Flow 60
(H) Final Hydrostatic Mud 2544.9 PSI Initial Shut-in 45 Final Shut-in 90

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2580	2587.9
(B) FIRST INITIAL FLOW PRESSURE	68	70.6
(C) FIRST FINAL FLOW PRESSURE	68	70.6
(D) INITIAL CLOSED-IN PRESSURE	779	788.5
(E) SECOND INITIAL FLOW PRESSURE	82	88.5
(F) SECOND FINAL FLOW PRESSURE	82	88.5
(G) FINAL CLOSED-IN PRESSURE	970	974.6
(H) FINAL HYDROSTATIC MUD	2542	2544.9

DST #.

3

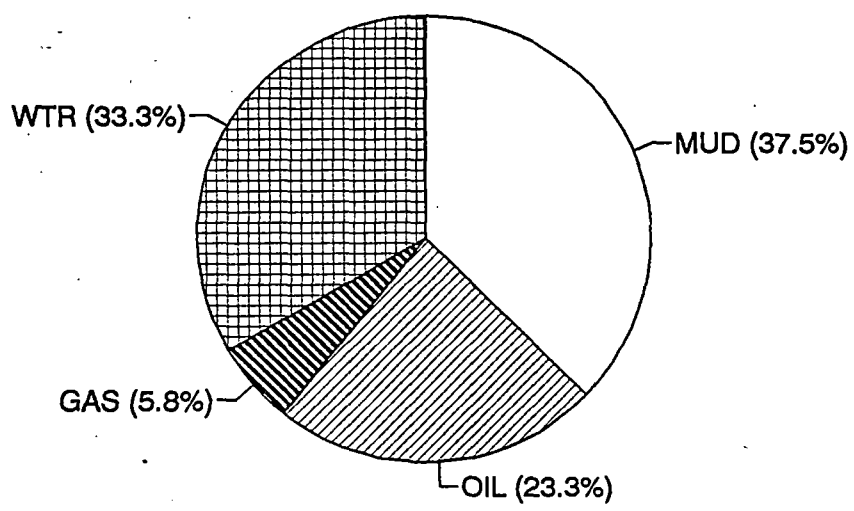
TICKET

4957

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
1	30	10	3	90	27	0	0	0	0
2	150	5	7.5	10	15	40	60	45	67.5
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	180	5.83	10.5	23.33	42	33.33	60	37.5	67.5

		HRS OP	BBL/DAY	
BBL OIL=	0.20538	*	1.5	3.28608
BBL WATER=	0.2934	*		4.6944
BBL MUD=	0.330075			
BBL GAS=	0.051345			

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APR 7 1994
FROM CONFIDENTIAL



MUD
OIL
GAS
WTR

TRILOBITE TESTING L.L.C. RELEASED

P.O. Box 362 • Hays, Kansas 67601

APR 7 1994

Test Ticket

FROM CONFIDENTIAL NO. 4957

Well Name & No. <u>Reynolds #1</u>		Test No. <u>#3</u>	Date <u>12-9-92</u>
Company <u>Hallwood Energy</u>		Zone Tested <u>Miss</u>	
Address <u>Box 378111 Denver Co. 80237</u>		Elevation <u>1953 (KR)</u>	
Co. Rep./Geo. <u>Jim Spellman</u>		cont. <u>Eagle Drilling #1</u>	Est. Ft. of Pay <u>10'</u>
Location: Sec. <u>19</u>	Twp. <u>32</u>	Rge. <u>19</u>	Co. <u>Comanche</u> State <u>Ks.</u>
No. of Copies <u>5</u>	Distribution Sheet <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u> <input type="checkbox"/>	Turnkey <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u> <input type="checkbox"/>	Evaluation <u>_____</u>

Interval Tested <u>5155-5200</u>	Drill Pipe Size <u>4.5 X-Hole</u>
Anchor Length <u>45'</u>	Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth <u>5150</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>5155</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>5200</u>	Drill Collar — 2.25 Ft. Run <u>241'</u>
Mud Wt. <u>9.2</u> lb/gal.	Viscosity <u>54</u> Filtrate <u>10.4</u>

Tool Open @ 11:05 pm Initial Blow strong blow - built to bottom of bucket 1 min.
ISI - Bled off blow - weak blow - built to lin.

Final Blow Fair blow - built to bottom 3 1/2 min.
FSI - Bled off blow - weak blow - built to 2 in.

Recovery — Total Feet 180' Feet of Gas In Pipe 1200' Flush Tool? NO

Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec. <u>30</u>	Feet Of <u>CGO</u>	<u>10</u> %gas	<u>90</u> %oil	%water	%mud
Rec. <u>150</u>	Feet Of <u>OCM</u>	<u>5</u> %gas	<u>10</u> %oil	<u>40</u> %water	<u>45</u> %mud
Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____	%water _____	%mud _____

BHT 114 °F Gravity 33 °API @ 60 °F Corrected Gravity 33 °API

RW 1. @ 60 °F Chlorides 7000 ppm Recovery Chlorides 7000 ppm System

- (A) Initial Hydrostatic Mud 2580 PSI Ak1 Recorder No. 13277 Range 4125
- (B) First Initial Flow Pressure 68 ⁷⁰⁶ PSI @ (depth) 5159 w/Clock No. 27594
- (C) First Final Flow Pressure 68 PSI AK1 Recorder No. 11038 Range 5075
- (D) Initial Shut-In Pressure 779 PSI @ (depth) 5197 w/Clock No. 25814
- (E) Second Initial Flow Pressure 82 ⁸⁸⁵ PSI AK1 Recorder No. _____ Range _____
- (F) Second Final Flow Pressure 82 PSI @ (depth) _____ w/Clock No. _____
- (G) Final Shut-In Pressure 970 PSI Initial Opening 30 Test _____
- (H) Final Hydrostatic Mud 2542 PSI Initial Shut-In 45 Jars _____

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.

Final Flow 60 Safety Joint _____
 Final Shut-In 90 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By Jim Spellman
 Our Representative Tom Horvack

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

APR 7 1994

Drill-Stem Test Data

FROM CONFIDENTIAL

Well Name REYNOLDS #1 Test No. 4 Date 12/12/92
 Company HALLWOOD PETROLEUM INC. Zone VIOLA
 Address P.O. BOX 378111 DENVER CO 80237-8111 Elevation 1940
 Co. Rep./Geo. JIM SPELLMAN Cont. EAGLE DRLG #1 Est. Ft. of Pay _____
 Location: Sec. 19 Twp. 32S Rge. 19W Co. COMANCHE State KS

Interval Tested <u>5775-5813</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>38</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>5770</u>	Drill Collar - 2.25 Ft. Run <u>301</u>
Bottom Packer Depth <u>5775</u>	Mud Wt. <u>9.1</u> lb/Gal.
Total Depth <u>5813</u>	Viscosity <u>51</u> Filtrate <u>8.6</u>

Tool Open @ 11:05 AM Initial Blow STRONG BLOW - BOTTOM OF BUCKET IN 3 MINUTES

Final Blow STRONG BLOW - BOTTOM OF BUCKET IN 30 SECONDS / GAS TO SURFACE IN 10 MINUTES / GAS SAMPLE TAKEN -GAUGED

Recovery - Total Feet 90 Flush Tool? NO

Rec. 90 Feet of GASSY MUD-10%GAS/90%MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 138 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 8000 ppm System

(A) Initial Hydrostatic Mud 2944.6 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 40.5 PSI @ (depth) 5779 w / Clock No. 27567

(C) First Final Flow Pressure 40.5 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 2110.8 PSI @ (depth) 5809 w / Clock No. 8376

(E) Second Initial Flow Pressure 40.5 PSI AK1 Recorder No. _____ Range _____

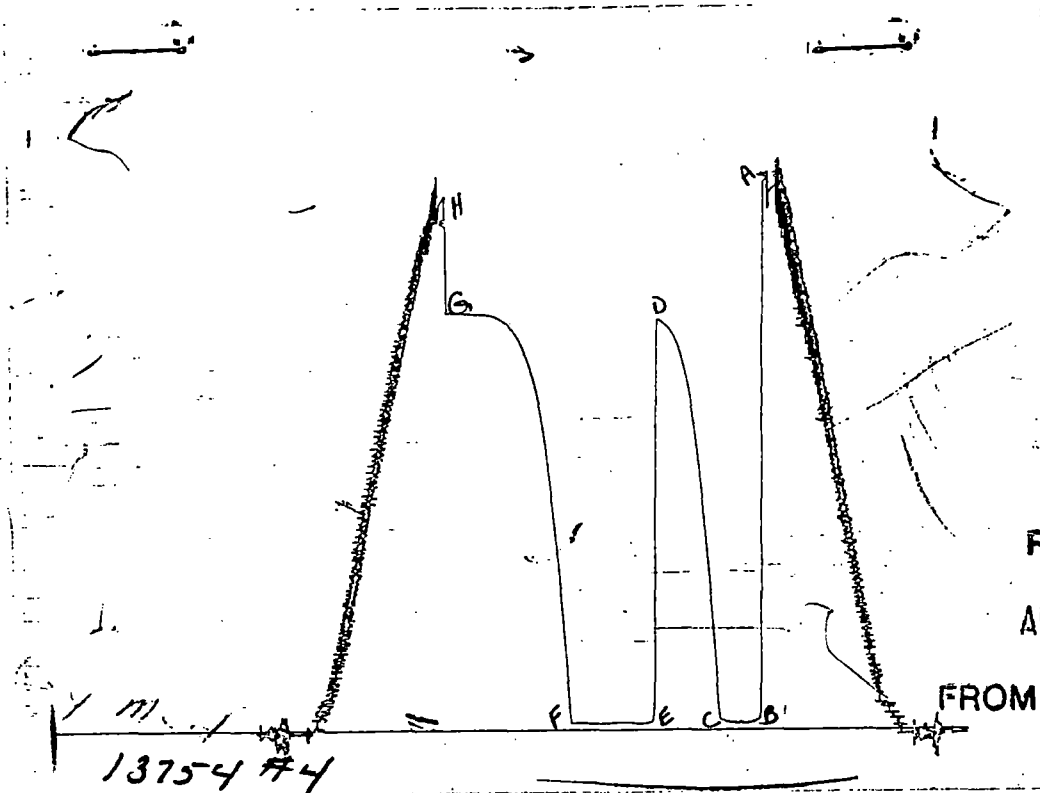
(F) Second Final Flow Pressure 40.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 2140.8 PSI Initial Opening 30 Final Flow 60

(H) Final Hydrostatic Mud 2844.7 PSI Initial Shut-in 45 Final Shut-in 90

Our Representative DAN BANGLE

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2939	2944.6
(B) FIRST INITIAL FLOW PRESSURE	39	40.5
(C) FIRST FINAL FLOW PRESSURE	39	40.5
(D) INITIAL CLOSED-IN PRESSURE	2107	2110.8
(E) SECOND INITIAL FLOW PRESSURE	39	40.5
(F) SECOND FINAL FLOW PRESSURE	39	40.5
(G) FINAL CLOSED-IN PRESSURE	2137	2140.8
(H) FINAL HYDROSTATIC MUD	2837	2844.7

GAS VOLUME REPORT

RELEASED

APR 7 1994

FROM CONFIDENTIAL

HALLWOOD PETROLEUM INC.

REYNOLDS #1

DST # 4

MIN	PSIG	ORIFICE	MCF/D	MIN	INCHES	ORIFICE	MCF/D
				0		0.5	
				5		0.5	
				10	20	0.5	28
				15	22	0.5	29.4
				20	24	0.5	30.7
				25	26	0.5	31.9
				30	26	0.5	31.9
				35	26	0.5	31.9
				40	26	0.5	31.9
				45	26	0.5	31.9
				50	26	0.5	31.9
				55	26	0.5	31.9
				60	26	0.5	31.9

GAS TO SURFACE 10 MINUTES INTO FINAL FLOW

Remarks: GAS SAMPLE TAKEN

TRILOBITE TESTING L.L.C.

RELEASED

P.O. Box 362 • Hays, Kansas 67601

APR 7 1994

Test Ticket

FROM CONFIDENTIAL 5573

Well Name & No. Reynolds #1 Test No. 4 Date 12-12-92
 Company Hallwood Petro. Zone Tested Viola
 Address _____ Elevation 1940 K.B.
 Co. Rep./Geo. Jim Spellman Cont. Eagle #1 Est. Ft. of Pay _____
 Location: Sec. 19 Twp. 32 Rge. 19 Co. Comanche State Ks.
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 5775-5813 Drill Pipe Size 4.5 x 14
 Anchor Length 38 Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 5770 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 5775 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 5813 Drill Collar — 2.25 Ft. Run 301
 Mud Wt. 9.1 lb/gal. Viscosity 51 Filtrate 8.6
 Tool Open @ 11:05 a.m. Initial Blow Strong - B.O.B. in 3 min.

Final Blow Strong - B.O.B. in 20 sec. G.T.S. in 10 min.
Gas sample taken - Gauged

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
Rec. <u>90</u> Feet Of <u>Gas Mud</u>	<u>10</u> % gas	% Oil _____ % water <u>90</u> % 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 138 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 8,000 ppm System

(A) Initial Hydrostatic Mud 2939 PSI AK1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 39 PSI @ (depth) 5779 w/Clock No. 27567
 (C) First Final Flow Pressure 39 PSI AK1 Recorder No. 7437 Range 4200
 (D) Initial Shut-In Pressure 2107 PSI @ (depth) 5809 w/Clock No. 8376
 (E) Second Initial Flow Pressure 39 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 39 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 2137 PSI Initial Opening 30 Test 200⁰⁰
 (H) Final Hydrostatic Mud 2837 PSI Initial Shut-In 45 Jars 200⁰⁰

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.

Final Flow 60 Safety Joint 50⁰⁰
 Final Shut-In 90 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____
 TOTAL PRICE \$ 950⁰⁰

Approved By Jim Spellman
 Our Representative Dan Raney

INVOICE

HALLIBURTON SERVICES

ORIGINAL

P.O. BOX 951046
DALLAS, TX 75395-1046

A Halliburton Company

MAR 30

INVOICE NO.	DATE
298964	12/01/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
REYNOLDS 19-1		COMANCHE		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
GREAT BEND		EAGLE DRILLING CO	CEMENT SURFACE CASING		12/01/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
355880	GEORGE HUTTON			COMPANY TRUCK	43660	

AFE #2125005
800.640

HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

DIRECT CORRESPONDENCE TO:

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	59 MI		2.60	153.40
		1 UNT			
001-016	CEMENTING CASING	738 FT		680.00	680.00
		1 UNT			
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8 IN		130.00	130.00
		1 EA			
24A	INSERT FLOAT VALVE - 8 5/8" BRD	1 EA		171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1 EA		30.00	30.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	2 EA		62.00	124.00
807.93059					
320	CEMENT BASKET 8 5/8"	1 EA		122.00	122.00
800.8888					
504-308	STANDARD CEMENT	90 SK		6.56	590.40
506-105	POZMIX A	4440 LB		.052	230.88
506-121	HALLIBURTON-GEL 2%	3 LB		.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4 SK		26.50	106.00
504-316	HALLIBURTON LIGHT W/STANDARD	315 SK		6.12	1,927.80
509-406	ANHYDROUS CALCIUM CHLORIDE	9 SK		26.50	238.50
507-210	FLOCELE	88 LB		1.30	114.40
500-306	MILEAGE CMTG MAT DEL OR RETURN	0095.20 TMI		.80	76.16
500-225	CEMENTING MATERIALS RETURNED	35 CFT		.37	12.95
500-207	BULK SERVICE CHARGE	532 CFT		1.15	611.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	1373.313 TMI		.80	1,098.65
INVOICE SUBTOTAL					6,417.94
DISCOUNT-(BID)					1,155.23-
INVOICE BID AMOUNT					5,262.71

RELEASED

APR 7 1994

FROM CONFIDENTIAL

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

P.O. BOX 951046
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE

INVOICE NO.	DATE
298964	12/01/1994

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
REYNOLDS 19-1		COMANCHE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
GREAT BEND		EAGLE DRILLING CO	CEMENT SURFACE CASING		12/01/1994
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
355880	GEORGE HUTTON			COMPANY TRUCK	43686

RELEASED

DIRECT CORRESPONDENCE TO:

HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

APR 7 1994

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050

OKLAHOMA CITY, OK 73102-5601
FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				220.59
	*-BARTON COUNTY SALES TAX				45.03
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$6,528.33

MAR 30
CONFIDENTIAL

AFFIX JOB TKT

TERMS

INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL

FORM 1906 R-11

WELL NO.—FARM OR LEASE NAME 19-1 REYNOLDS		COUNTY COMANCHE	STATE KS	CITY / OFFSHORE LOCATION	DATE 12-1-92
CHARGE TO HALLWOOD PETROLEUM		OWNER RELEASED	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS		CONTRACTOR EAGLE DRILLING	LOCATION 1 GRAY BEND, KS		CODE 25510
CITY, STATE, ZIP		SHIPPED VIA APR 7 1994	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2 PRATT, KS
WELL TYPE 01-022		WELL CATEGORY 01-DEVELOPMENT	DELIVERED TO LOCATION		CODE 25555
TYPE AND PURPOSE OF JOB 010-CEM JT SURFACE CASING		WELL PERMIT NO. B-573013	ORDER NO.		REFERRAL LOCATION

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE	59	MI			2.60	153	40
001-016		1		PUMP CHARGE	738	FT	8	HRS	680.00	680	00
030-018		1		TOP PLUG 5/8"	1	EA	8 5/8"		130.00	130	00
24A	815.14502	1		INJECT FLOAT VALVE	1	EA	8 5/8"		171.00	171	00
27	815.14415	1		AUTO FLOW UP	1	EA			30.00	30	00
40	807.93059	1		CENTRALIZERS	2	EA	8 5/8"		62.00	124	00
320	800.8888	1		CEM JT PLUG	1	EA	8 5/8"		122.00	122	00

THIS IS NOT AN INVOICE

MAR 30
CONFIDENTIAL

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **2 B-573013** **5007.54**

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X George Hutton
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X George Hutton
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

WADE E. WILSON 89377
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER

SUB TOTAL **6417.94**

APPLICABLE TAXES WILL BE ADDED ON INVOICE



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. **299914**

ORIGINAL

DATE 12-01-92	CUSTOMER ORDER NO.	WELL NO. AND FARM 10-1 REYNOLDS	COUNTY COMBEE	STATE KS
CHARGE TO	OWNER	CONTRACTOR CONCRETE	No. B573013	
MAILING ADDRESS UNION PETROLEUM	DELIVERED FROM SME	LOCATION CODE 2555	PREPARED BY LEN PARADIS	
CITY & STATE	DELIVERED TO TRUITT KS	TRUCK NO. 3693/7488 2655/6660	RECEIVED BY Wayne E. White	
		LOCATION		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT			
		L	D		QTY.	MEAS.	QTY.	MEAS.					
504-308	516.00261			STANDARD CEMENT BLENDED 60%	90	sk			6.56	590	40		
506-105	516.00286			POGEX "A" BLENDED 40%	440	lb			.052	230	88		
506-121	516.00259			HALLIBURTON GEL 2% ALIGNED	3	sk				NYC			
509-406	890.50812			CALCIUM CHLORIDE BLENDED 3%	4	sk			26.50	106	00		
504-316				HALLIBURTON LIME CEMENT	315	sk			6.12	1927	80		
509-406	890.50812			CALCIUM CHLORIDE BLENDED 3%	9	sk			26.50	238	50		
507-210	890.50071			FLOCLE BLENDED 1/4#	88	lb			1.30	114	40		
THIS IS NOT AN INVOICE													
MAR 30													
CONFIDENTIAL													
RELEASED													
APR 7 1994													
FROM CONFIDENTIAL													
500-306				Returned Mileage Charge	3227	TOTAL WEIGHT	59	LOADED MILES	095.20	TON MILES	1.80	76 16	
500-225				SERVICE CHARGE ON MATERIALS RETURNED					CU. FEET 35	.37		12 95	
500-207				SERVICE CHARGE					CU. FEET 532	1.15		611 80	
500-306				Mileage Charge	46.553	TOTAL WEIGHT	59	LOADED MILES	1373.313	TON MILES	.80	1098 65	
No. B 573013										CARRY FORWARD TO INVOICE		SUB-TOTAL	
												5007 54	
												5132 63	

CUSTOMER

DISTRICT GREAT BLD, KS

DATE 12-1-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: HALLWOOD PETROLEUM (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 19-1 LEASE REYNOLDS SEC 10 TWP. 32S RANGE 19W

FIELD COUNTY COMANCHE STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE FROM TO PACKER: TYPE SET AT TOTAL DEPTH MUD BORE HOLE INITIAL PROD: OIL BPD, H2O APR 7 1994 BPD, GAS MCF PRESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING, LINER, TUBING, OPEN HOLE, and PERFORATIONS.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

CEMENT 8 5/8" SURFACE CASING W/ 100 SXS HOWCOLIGHT 375CC, 1/4 H/SK FLOU... 150 SXS 40-60 PDM 275 GEL, 375CC, PUMP 215 SXS HOWCOLIGHT 375CC, 1/4 H/SK FLOU... DOWN ANNUUS THROUGH 1" TUBING

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies...
c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others...
d) That Halliburton warrants only title to the products, supplies and materials...
e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well...
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act...
g) That this contract shall be governed by the law of the state where services are performed...
h) That Halliburton shall not be bound by any changes or modifications in this contract...

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED [Signature] DATE 12-1-92 CUSTOMER



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

EAST ARK 1
GRAT BSW, KS

ORIGINAL

BILLED ON TICKET NO. 298964

WELL DATA

FIELD: _____ SEC. **10** TWP. **32S** RNG. **19W** COUNTY **COMANCHE** STATE **KS**

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO **1,0624**

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-1-92	DATE 12-1	DATE 12-1	DATE 12-1
TIME 0830	TIME 0800	TIME 1707	TIME 2330

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR INSERT FLOAT	1	HOWCO
FLOAT GUIDE ASTO FGL UP	1	"
GUIDE SHOE		
CENTRALIZERS	+2	"
BOTTOM PLUG		
TOP PLUG SW	1	"
HEAD PC	1	"
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-^oAPI

DISPL. FLUID _____ DENSITY _____ LB/GAL-^oAPI

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 _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
WAYNE WILSON 89377	RCM	
CARL RAYMAN 88531	51797 BULK	GRAT BSW, KS
TODD TRAND HAID	3693-7488 BULK	PRATT, KS
BREAN TRAND HAID	2656-6660	PRATT, KS

RELEASED

APR 7 1994

MAR 30

CONFIDENTIAL

DEPARTMENT **CEMENT**

DESCRIPTION OF JOB **8 5/8" SURFACE**

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE **X Wayne Wilton**

HALLIBURTON OPERATOR **Wayne Wilton**

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100	HOWCO LIGHT		B	3% C.C. 1/4 # P/SX FLOCCLE	1.69	13.1
2	150	40-60	POZMIX	B	2% SGLL 3% C.C.	1.37	14.3
1"	215	HOWCO LIGHT		B	3% C.C. 1/4 # P/SX FLOCCLE	1.69	13.1

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET **40** REASON **CAUSRT**

PRESLUSH: BBL-GAL _____ TYPE _____

LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

TREATMENT: BBL-GAL _____ DISPL. BBL-GAL **42.57**

CEMENT SLURRY: BBL-GAL **30.09 - 32.9: 68.99** **1" - 64.7**

TOTAL VOLUME: BBL-GAL _____

REMARKS **LOST CIRCULATION @ 375'**
CONTRACT 215' - 15' OFF BOTTOM @ 116'
BASKET - 116'

CUSTOMER: **MAUSOOD PETROLEUM**
LEASE: **REYNOLDS**
WELL NO: **19-1**
JOB TYPE: **8 5/8" SURFACE**
DATE: **12-1-92**

JOB LOG

FORM 2015 R-2

WELL NO. 19-1 LEASE REYNOLDS TICKET NO. 298764
 CUSTOMER HALLWOOD PETROLEUM PAGE NO. 1
 JOB TYPE 8 5/8" SURFACE DATE 12-1-92

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0330							CALLED OUT ORIGINAL
	0950							ON LOCATION - LOST CIRCULATION @ 375'
								BREAK CIRCULATION - NO RETURNS TO SURFACE
	1707	6	0				100	START MIXING CEMENT 100 SKS HOWCO LIGHT 150 SKS 40-60 BULKY
	1718		63				50	FINISH MIXING CEMENT
								RELEASE PLUG RELEASED
	1720	8	0				200	DISPLACE PLUG APR 7 1994
	1728		43.57				750	PLUG DOWN - B/W RELEASE 707' NO CEMENT FROM CONFIDENTIAL
	1730							RELEASE PST - FLOAT HEAD
	1804	1.5						RUN 100' OF 1" TUBING DOWN ANNULAR 50 SKS PUMP 10 BBL'S HOWCO LIGHT MIXED @ 14.2 1/4 GAL PULL TUBING - WOC
	1940	1.5						100 SKS PUMP 30 BBL'S HOWCO LIGHT @ 100' 13.1 1/4 GAL WOC
	2200	1.5						65 SKS PUMP 20 BBL'S HOWCO LIGHT @ 20' 12.1 1/4 GAL CULATE GOOD CEMENT TO SURFACE
								WASH-UP TRUCK RACK-UP TRUCK
	2330							JOB COMPLETE
								THANK YOU! WANDA CARL TODD BRIAN

MAR 30
CONFIDENTIAL

CUSTOMER



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
295306	12/15/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
REYNOLDS 19-1		COMANCHE		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
PRATT		EAGLE DR LG		CEMENT PRODUCTION CASING	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
355880	GEORGE HUTTON			COMPANY TRUCK	44198

HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

AFE # 2121006
805.040

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	EASTERN AREA1 MILEAGE	60	MI	2.75	165.00
		1	UNT		
001-016	CEMENTING CASING	6259	FT	1,745.00	1,745.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5	1/2 IN	60.00	60.00
		1	EA		
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.19315					
40	CENTRALIZER 5-1/2" X 7 7/8"	12	EA	44.00	528.00
807.93022					
320	CEMENT BASKET 5 1/2"	2	EA	90.00	180.00
800.8883					
504-308	STANDARD CEMENT	190	SK	6.76	1,284.40
509-968	SALT	950	LB	.13	123.50
508-127	CAL SEAL	9	SK	20.70	186.30
507-775	HALAD-322	134	LB	6.45	864.30
504-308	STANDARD CEMENT	100	SK	6.76	676.00
508-291	GILSONITE BULK	500	LB	.35	175.00
509-968	SALT	600	LB	.13	78.00
508-127	CAL SEAL	5	SK	20.70	103.50
507-775	HALAD-322	71	LB	6.45	457.95
500-207	BULK SERVICE CHARGE	342	CFT	1.25	427.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	911.99	TMI	.85	775.19
INVOICE SUBTOTAL					9,263.64

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

HALLIBURTON SERVICES ORIGINAL

INVOICE

A Halliburton Company

INVOICE NO. 295306
DATE 12/15/1993

WELL LEASE NO./PLANT NAME REYNOLDS 19-1		WELL/PLANT LOCATION COMANCHE		STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION PRATT		CONTRACTOR EAGLE DRLG	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 12/15/1993
ACCT. NO. 355880	CUSTOMER AGENT GEORGE HUTTON	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 44198

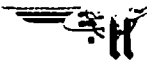
HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

AFE # 2121006
805.040

DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT - (BID)				1,669.01-
	INVOICE BID AMOUNT				7,594.63
	*-KANSAS STATE SALES TAX				233.04
	*-PRATT COUNTY SALES TAX				47.57
RELEASED APR 7 1994 FROM CONFIDENTIAL					
MAR 30 CONFIDENTIAL					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$7,875.24

AFFIX JOB TKT TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



HALLIBURTON SERVICES
Duncan, Oklahoma 73169

ORIGINAL

TICKET

NO. 295306-0

A Division of Halliburton Company

FORM 1906 R-11

WELL NO.—FARM OR LEASE NAME 19-1 Reynolds		COUNTY COMANCHE	STATE KS	CITY / OFFSHORE LOCATION	DATE 12-15-92
CHARGE TO HALLWOOD PETROLEUM INC		OWNER SAME		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS 915 Patton Road		CONTRACTOR EAGLE DRUG		LOCATION 1 PRATT, KS	
CITY, STATE, ZIP Great Bend, KS 67530		SHIPPED VIA 52504		LOCATION 2	
WELL TYPE 01- OIL		WELL PERMIT NO. B-136036		LOCATION 3	
TYPE AND PURPOSE OF JOB 235' 5/8" LONG STRING		ORDER NO.		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
200-117		1		MILEAGE	60	mi			2.75	165 00
201-016		1		PUMP CHARGE	6259	FT			1745.00	1745 00
130-016		1		5-W TOP PLUG	1	EA	5 1/2	in	60.00	60 00
118-317		1		SUPER FLUSH	12	EA	12	SRS	100.00	1200 00
12A	825-205	1		REG GUIDE SHOE	1	EA	5 1/2	in	121.00	121 00
24A	815-19251	1		INSERT FLOAT	1	EA	5 1/2	in	83.00	83 00
27	815-19315	1		FILL UP ASSY	1	EA	1.50	in	30.00	30 00
40	807-93029	1		S-Y CENTRALIZER	12	EA	5 1/2	in	44.00	528 00
320	800-8883	1		BASKET	2	EA	5 1/2	in	90.00	180 00
RELEASED										
APR 7 1994										
FROM CONFIDENTIAL										
MAR 30 CONFIDENTIAL										

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-136036

5151 64

WAS JOB SATISFACTORILY COMPLETED? _____
 WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____
 X George Hutton
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 X George Hutton
 CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

John Woodrow
HALLIBURTON OPERATOR
HALLIBURTON APPROVAL

SUB TOTAL **9263 64**
APPLICABLE TAXES WILL BE ADDED ON INVOICE



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

FOR INVOICE AND
TICKET NO. 295306

ORIGINAL

DATE 12-16-92	CUSTOMER ORDER NO.	WELL NO. AND FARM 19-1 REYNOLDS	COUNTY COMANCHE	STATE KS
CHARGE TO HALLWOOD PETROLEUM INC		OWNER SAME	CONTRACTOR EAGLE DRIG CO	No. B 136036
MAILING ADDRESS		DELIVERED FROM PRATT, KS.	LOCATION CODE 25555	PREPARED BY DON PARADIS
CITY & STATE		DELIVERED TO LOCATION	TRUCK NO. 412437488	RECEIVED BY <i>J.C.</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-308	516.00261			STANDARD CEMENT	190	sk			6.56	1284 1246	40 40	
509-968	516.00158			SALT BLENDED 10%	950	lb			.10	123 95	50 50	
508-127	890.50131			CALSEAL BLENDED 5%	9	sk			19.70	186 177	30 30	
507-775	516.00144			HALAD-322 BLENDED .75%	134	lb			6.30	844 844	20 20	
504-308	516.00261			STANDARD CEMENT	100	sk			6.56	656 676	00 00	
508-291	516.00337			GILSONITE BLENDED 5#	500	lb			.35	175 78	00 00	
509-968	516.00158			SALT BLENDED 10%	600	lb			.10	60 60	00 00	
508-127	890.50131			CALSEAL BLENDED 5%	5	sk			19.70	103 98	50 50	
507-775	516.00144			HALAD-322 BLENDED .75%	71	lb			6.30	447 457	30 30	
<p>RELEASED</p> <p>APR 7 1991</p> <p>FROM CONFIDENTIAL</p> <p>MAR 30 CONFIDENTIAL</p>												
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET					
500-207				SERVICE CHARGE			CU. FEET 342	1.15		383 427	30 50	
500-306				Mileage Charge	30,915 TOTAL WEIGHT	59 LOADED MILES	911.99 TON MILES	.80		729 775	50 19	
No. B 136036		CARRY FORWARD TO INVOICE					SUB-TOTAL				5151 4922	64 59

DISTRICT PRAT, KS

DATE 12-15-92

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: HALLWOOD PETROLEUM INC (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

RELEASED

WELL NO. 19-1 LEASE REYNOLDS SEC. _____ TWP. _____

APR 7 1994

FIELD _____ COUNTY COMANCHE STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT **CONFIDENTIAL**

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 PACKER: TYPE _____ SET AT _____
 TOTAL DEPTH 6259 MUD WEIGHT _____
 BORE HOLE 7 7/8
 INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
 PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>6259</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

MAR 30
CONFIDENTIAL

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

CEMENT 5 1/2' PRODUCTION CASING WITH 190 SKS STANDARD W/ 58 EA-2, 10.9 SALT. .758 MUD-322 (LMD CMT)
TAIL END CMT WITH 100 SKS STANDARD W/ 58 EA-2, 10.9 SALT. .758 MUD-322, 5' GILSONITE, 1/4" FLOCCULE

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them
- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton and its agents will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in the event of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental or punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton in the case of equipment, tools or instruments for marine operations. Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing, returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Geary Sutton CUSTOMER

DATE 12-18-92

TIME 1430 A.M. (P.M.)



JOB SUMMARY

DIVISION EASTERN
HALLIBURTON LOCATION PRATT, KS

BILLED ON TICKET NO. 295306

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY COMANCHE 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. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 6259

NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING <u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>6259</u>	
LINER					
TUBING					
OPEN HOLE					SHOTS/FT.
PERFORATIONS					
PERFORATIONS					
PERFORATIONS					

JOB DATA

CALLER OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
<u>12-15-92</u>	<u>12-15-92</u>	<u>12-15-92</u>	<u>12-15-92</u>
TIME <u>1100</u>	TIME <u>1430</u>	TIME <u>2040</u>	TIME <u>2115</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>REG 5 1/2</u>	<u>1</u>	<u>HALCO</u>
CENTRALIZERS <u>S-4 5 1/2</u>	<u>12</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>S-6 5 1/2</u>	<u>1</u>	<u>"</u>
HEAD <u>Rolling 5 1/2</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER <u>ATF 5 1/2</u>	<u>1</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow 62573</u>	<u>PIU 37537</u>	<u>PRATT KS</u>
<u>K. DUTOIT 8666d</u>	<u>52504 RCM</u>	<u>" "</u>
<u>J. Giocabeti</u>		

RELEASED
APR 7 1994
MAR 30
CONFIDENTIAL
FROM CONFIDENTIAL

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 _____

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT 5 1/2 LONG STRING

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature]

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>190</u>	<u>STANDARD</u>	<u>HALCO</u>	<u>B</u>	<u>5 1/2 PA-2, 10.8 SMT, .75 8' INCLAD-322</u>	<u>1.33</u>	<u>15.4</u>
	<u>100</u>	<u>STANDARD</u>	<u>"</u>	<u>B</u>	<u>5 1/2 PA-2, 10.8 SMT, .75 9' INCLAD-322</u>	<u>1.44</u>	<u>14.9</u>
					<u>5' GILSONITE, 1/4' FLO GEL</u>		

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH 20 BBL-GAL. TYPE SALT FLOSH

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN. BBL-GAL. PAD: BBL-GAL.

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT BBL-GAL. DISPL. 148.5 BBL-GAL.

SHUT-IN INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY BBL-GAL.

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL. _____

AVERAGE RATES IN BPM _____ REMARKS _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 20 REASON INSERT FLOAT

CUSTOMER Hallwood Petroleum LEASE PERWALS WELL NO. 19-1 JOB TYPE 5 1/2 LONG STRING DATE 12-15-92

JOB LOG

WELL NO. 19-1 LEASE KEYNOLDS TICKET NO. 295306

CUSTOMER HALLWOOD PETROLEUM PAGE NO. 1

JOB TYPE 5 1/2" LOWS STRING DATE 12-15-92

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							JOB READY NOW
	1100							called out for job
	1430							pump TRUCK ON LOCATION
								Rig Laying Down Drill pipe
	1500							OUT OF HOLE WITH D.P.
								DO CELLAR WORK
	1630							START RUNNING 5 1/2" CSEA FT EQUIP
	1930							CASING ON BOTTOM 6259'
								HOOK UP ROTATING HEAD & CIRCULATING IRON
	1940							START CIRCULATING WITH RIG PUMP
	2020							THROUGH CIRCULATING
								HOOK UP TO PUMP TRUCK
	2025	7.5	20					450' pump 20 BBS SALT FLUSH
		7.5	5					450' pump 5 BBS FRESH WATER
		7.5	12					450' pump 12 BBS SUPER FLUSH
		7.0	5					300' pump 5 BBS FRESH WATER
	2034							START MIXING LEAD CEMENT (190 SKS)
	2040	7.5	45.5					450' START MIXING TAIL END CMT (100 SKS)
	2044		26.5					THROUGH MIXING CEMENT ON SHUT DOWN
	2045							WASH OUT PUMP LINES
								RELEASE PLUG + MEASURING LINE
	2046	8.0						START DISPLACING
	2145		149.0					1500' PLUG DOWN / TAG FLOAT (25') RELEASE FLOAT FLOAT HELD

RELEASED

APR 7 1994

FROM CONFIDENTIAL

ORIGINAL

MAR 3 0

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