

ORIGINAL

FORM MUST BE TYPED SIDE ONE

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

API NO. 185-21508-00-01
 County STAFFORD
 - NE - NW - SW Sec. 15 Twp. 21S Rge. 13 X W
 2327 Feet from (S) (circle one) Line of Section
 960 Feet from (N) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NB, SE, NW or (S) (circle one)
 Lease Name HERB "A" "OWWO" Well # 1-15
 Field Name SCHARFFER-ROTHGARN
 Producing Formation LANSING-KANSAS CITY
 Elevation: Ground 1883' KB 1888
 Total Depth 3688 PBDT 3625
 Amount of Surface Pipe Set and Cemented at 288' was in hole 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 cat.
 Drilling Fluid Management Plan REENTRY 9/1 6-17-96
 (Data must be collected from the Reserve Pit)
 Chloride content 15,000 ppm Fluid volume 115 bbls
 Dewatering method used VACUUM TRUCK
 Location of fluid disposal if hauled offsite:
 Operator Name KBW OIL & GAS CO.
 Lease Name GOBIN #2 SWD License No. 5993
 SW Quarter Sec. 28 Twp. 25 S Rng. 13 /W
 County STAFFORD Docket No. 0-19,531

Operator: License # 30931
 Name: DAYSTAR PETROLEUM, INC.
 Address 1321 W. 93RD N.
 City/State/Zip VALLBY CENTER KS 67147
 Purchaser: KOCH
 Operator Contact Person: CHARLES SCHMIDT
 Phone (316) 755-3523
 Contractor: Name: L.D. DRILLING, INC.
 License: 6039
 Wellsite Geologist: JOHN HASTINGS
 Designate Type of Completion
 New Well X Re-Entry _____ Workover _____
 X Oil _____ SWD _____ SLOW _____ Temp. Abd.
 Gas _____ ENHR _____ SIGW _____
 Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
 Operator: L.D. DAVIS
 Well Name: #1 HERB A
 Comp. Date 1-11-82 Old Total Depth 3655'
 Deepening _____ Re-perf. _____ Conv. to Inj/SWD
 Plug Back _____ 3655 PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
 1-03-95 1-07-95 2-18-95
 Date of REENTRY 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 Charles D Schmidt
 Title President Date 3-8-95
 Subscribed and sworn to before me this 8th day of March 19 95.
 Notary Public Myra L. Herring
 Date Commission Expires 1/27/99

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)

MYRNA L. HERRING
 NOTARY PUBLIC
 STATE OF KANSAS
 My Appt. Exp. 1-27-99

Form ACO-1 (7-91)
 RECEIVED
 STATE CORPORATION COMMISSION
 3-13-1995
 MAR 13 1995

CONSERVATION DIVISION
 WICHITA, KANSAS

SIDE TWO

Operator Name DAYSTAR PETROLEU, INC./JAE RESOURCES Lease Name HERB "A" Well # 1-15

Sec. 15 Twp. 21S Rge. 13 East West County STAFFORD

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 Log Formation (Top), Depth and Datums Sample
 (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: RADIATION/GUARD

Name	Top	Datum
LANSING	3314	(-1426)
"H" ZONE	3438	(-1550)
"J" ZONE	3472	(-1584)
"K" ZONE	3494	(-1606)
ARBUCKLE	3628	(-1740)
LOWER ARBUCKLE	3682	(-1794)
ROTARY TOTAL DEPTH	3688	(-1800)
LOG TOTAL DEPTH	3689	(-1801)

CASING RECORD <input type="checkbox"/> New <input checked="" 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
SURFACE	12 1/4"	8 5/8"	WAS IN HOLE				
PRODUCTION	7 7/8"	5 1/2"	14	3688	60-40-POZ	135	2% GEL:18% SALT 5#/SK GILSONITE

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
4	3642-44, 3652-56	550 GLS 15% MCA	
4	3474-80, 3494-3500	750 GLS 15% MCA	
		2500 GLS 15% FE-NE	

TUBING RECORD	Size 2.375	Set At 3586	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 1-24-95	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 8 Bbls.	Gas 0 Mcf	Water 10 Bbls.	Gas-Oil Ratio Gravity 34

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 3474-80 3494-3500

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data API# 15-185-21508-0001

Well Name HERB A #1-15 Test No. 1 Date 1/6/95
 Company DAYSTAR PETL INC/JAE RESOURCES INC Zone ARBUCKLE
 Address 1321 W. 93RD NORTH, VALLEY CENTER, KS 67147 Elevation 1888
 Co. Rep./Geo. JOHN HASTINGS Cont. L.D. DRILLING INC Est. Ft. of Pay _____
 Location: Sec. 15 Twp. 21S Rge. 13W Co. STAFFORD State KS

Interval Tested	<u>3686-3698</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>12</u>	Wt. Pipe I.D. - 2.7 Ft. Run	_____
Top Packer Depth	<u>3681</u>	Drill Collar - 2.25 Ft. Run	_____
Bottom Packer Depth	<u>3686</u>	Mud Wt.	<u>9.5</u> lb/Gal.
Total Depth	<u>3698</u>	Viscosity	<u>48</u> Filtrate <u>10.4</u>

Tool Open @ 7:31AM Initial Blow FAIR TO STRONG BLOW. BOTTOM OF BUCKET IN 10 MINUTES.

Final Blow FAIR TO STRONG BLOW. BOTTOM OF BUCKET IN 14 MINUTES.

Recovery - Total Feet 550 Flush Tool? NO

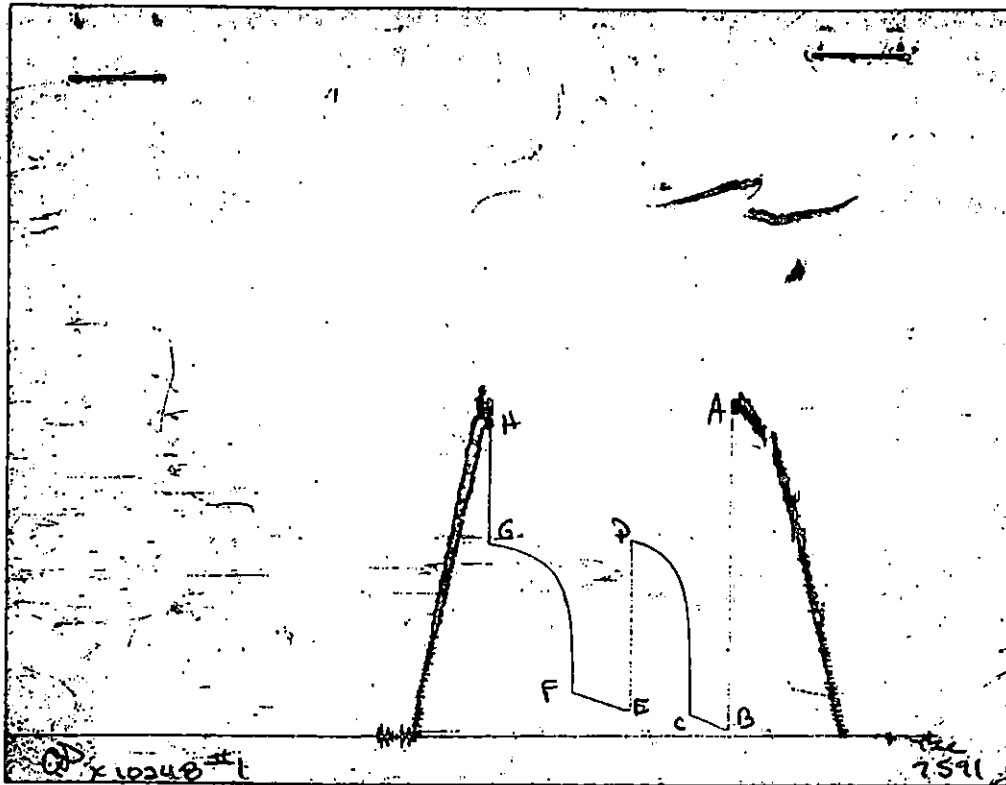
Rec. <u>10</u>	Feet of	<u>MUDDY WATER WITH OIL SPECS. 70% WATER; 30 % MUD.</u>
Rec. <u>100</u>	Feet of	<u>MUDDY WATER WITH FEW OIL SPECS. 95% WATER; 5% MUD.</u>
Rec. <u>440</u>	Feet of	<u>SALT/SULPHUR WATER. 100% WATER.</u>
Rec. _____	Feet of	_____
Rec. _____	Feet of	_____

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 0.95 @ 53 °F Chlorides 17,000 ppm Recovery Chlorides 48.000 ppm System

(A) Initial Hydrostatic Mud	<u>1851.0</u> PSI	AK1 Recorder No.	<u>13788</u>	Range	<u>4650</u>
(B) First Initial Flow Pressure	<u>48.1</u> PSI	@ (depth)	<u>3695</u>	w / Clock No.	<u>27665</u>
(C) First Final Flow Pressure	<u>134.5</u> PSI	AK1 Recorder No.	<u>10248</u>	Range	<u>4400</u>
(D) Initial Shut-in Pressure	<u>1136.9</u> PSI	@ (depth)	<u>3690</u>	w / Clock No.	<u>23858</u>
(E) Second Initial Flow Pressure	<u>158.3</u> PSI	AK1 Recorder No.	_____	Range	_____
(F) Second Final Flow Pressure	<u>264.2</u> PSI	@ (depth)	_____	w / Clock No.	_____
(G) Final Shut-in Pressure	<u>1121.6</u> PSI	Initial Opening	<u>30</u>	Final Flow	<u>13 1995</u>
(H) Final Hydrostatic Mud	<u>1768.8</u> PSI	Initial Shut-in	<u>45</u>	Final Shut-in	<u>60</u>

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 STATE CORPORATION COMMISSION
 DIVISION
 13 1995

Our Representative GARY PEVOTEAUX



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1865	1851
(B) FIRST INITIAL FLOW PRESSURE	28	48.1
(C) FIRST FINAL FLOW PRESSURE	134	134.5
(D) INITIAL CLOSED-IN PRESSURE	1132	1136.9
(E) SECOND INITIAL FLOW PRESSURE	143	158.3
(F) SECOND FINAL FLOW PRESSURE	256	264.2
(G) FINAL CLOSED-IN PRESSURE	1124	1121.6
(H) FINAL HYDROSTATIC MUD	1821	1768.8



CHARGE TO: L.A. DODDING
 ADDRESS:
 CITY, STATE, ZIP CODE:

DUNCAN COPY

TICKET

No.

MISSION 22694
 PAGE 1 OF 2
 3 19 05

HAL-1906-N

SERVICE LOCATIONS 1. <u>HAYS, KS</u>	WELL/PROJECT NO. <u>1-15</u>	LEASE <u>HERB "A"</u>	COUNTY/PARISH <u>STAFFORD</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>1-7-95</u>	OWNER <u>BOYD STARBUCK</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>L.A. DODDING</u>	RIG NAME/NO.	SHIPPED VIA <u>5143</u>	DELIVERED TO <u>LOADING</u>	ORDER NO.
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035</u>	WELL PERMIT NO. <u>15-185-21509-00015</u>	WELL LOCATION <u>215-13W</u>	STATE CONTRACT NO.	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT.	DF			U/M			
000-117		1			MILEAGE	70	ME	2.75		192.50
001-016		1			PUMP SERVICE	3687	FT	6.40		15700.00
019-241		1			ROTATING HEAD	1	ADJ	185.00		185.00
26	847.6318	1			INSERT VALVE FLOAT SHOE	1	EA	350.00		350.00
27	815.19311	1			FOL UP UNIT	1	EA	55.00		55.00
40	806.60022	1			CENTRALIZERS (B)	5	EA	60.00		300.00
50	806.60122	1			TURBO CENTRALIZERS (H)	3	EA	75.00		225.00
593	801.0374	1			3W LATCH DOWN PLUG	1	EA	205.00		205.00
594	801.03743	1			LATCH DOWN BAFFLE	1	EA	114.00		114.00
320	800.8883	1			BASKET (H)	1	EA	110.00		110.00
018-315		1			MUD FLOSH	500	GAL	.65		325.00
314-163		1			CLAYEX II	2	GAL	28.00		56.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Charles Schmidt
 DATE SIGNED: _____ TIME SIGNED: _____
 A.M.
 P.M.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL: 3687.50
 FROM CONTINUATION PAGE(S): 2471.60
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 6159.10

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Charles Schmidt</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X <u>Charles Schmidt</u>	HALLIBURTON OPERATOR/ENGINEER <u>WAYNE E. WILSON</u>	EMP # <u>89377</u>	HALLIBURTON APPROVAL
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WELL DATA

FIELD _____ SEC 15 TWP. 21S RNG. 13W COUNTY STAFFORD 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 _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>U</u>	<u>14</u>	<u>5 1/2</u>	<u>KB</u>	<u>3687</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 1/8</u>	<u>3687</u>	<u>3689</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-6</u>	DATE <u>1-6</u>	DATE <u>1-7</u>	DATE <u>1-7</u>
TIME <u>1700</u>	TIME <u>2030</u>	TIME <u>0030</u>	TIME <u>0330</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>FLC 2 1/2</u>	<u>1</u>	<u>HOWCO</u>
FLOAT SHOE <u>INSERT VALVE</u>	<u>1</u>	<u>"</u>
GUIDE SHOE		
CENTRALIZERS <u>TURBO</u>	<u>3</u>	<u>HOWCO</u>
BOTTOM PLUG <u>CATERPILLER 54</u>	<u>5</u>	<u>BAK</u>
TOP PLUG <u>3W UNICOR</u>	<u>1</u>	<u>HOWCO</u>
HEAD <u>PC</u>	<u>1</u>	<u>"</u>
PACKER <u>RTA 2 1/2</u>	<u>1</u>	<u>"</u>
OTHER <u>BAK</u>	<u>1</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WILSON</u>	<u>39601</u>	<u>HOWCO</u>
<u>D. ASH</u>	<u>3143</u>	<u>"</u>
<u>J. BUCKER</u>	<u>3860</u>	<u>"</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 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 _____

DEPARTMENT CEMENT
 DESCRIPTION OF JOB 5 1/2" LONG STAIRS
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR Wayne E. With COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>LD</u>	<u>75</u>	<u>40% PAZ 60% STD</u>	<u>B</u>	<u>270 GEL, 1870 SALT, 75% HAUND-322</u>		<u>1.35</u>	<u>14.33</u>
<u>TL</u>	<u>75</u>	<u>40% PAZ 60% STD</u>	<u>B</u>	<u>270 GEL, 1870 SALT, 75% HAUND-322</u>	<u>5# GELCO-TE P/L</u>	<u>1.75</u>	<u>13.95</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 18' REASON DOWN HOLE

SUMMARY

VOLUMES 12 / 18 MODIFIED
 PRESLUSH: BBL. 12 GAL. 18 TYPE MODIFIED
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL (BBL) GAL. 19.1
 CEMENT SLURRY: BBL. 19.1 GAL. 19.1 = 38.2
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

TOTAL PIPE - 3689'
CONTENT 215 - (3-4) ST. 14.9.9 (15.7.8)

CUSTOMER L. D. ...
 LEASE ...
 WELL NO. ...
 JOB TYPE ...
 DATE 1-6-95

JOB LOG FORM 2013 R-3

1-6-95

1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
L.D. DRILLING		1-15		HERB "A"		5 1/2" LOGS/TREDDG		722694	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBQ) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	1700							CALLED OUT	
	2030							ON LOCATION - GIVE CUSTOMER MSDS SHEET DISCUSS JOB PROCEDURE	
	0035							DROP BALL	
	0050							BREAK CIRCULATION - ROTATE CASING	
	0150	6	12		✓	150		PUMP MUD FLUSH	
	0132	6	18		✓	150		PUMP CUFFEX II FLUSH	
	0200		3.8					PLUG BATHOLE (LEAD CEMENT) 15 SKS	
	0203	6	34.7		✓	150		MIX CEMENT	
	0208		0					WASH OUT PUMP - LEAKS	
	0209							RELEASE PLUG	
	0211	6.5	0		✓	500		DISPLACE PLUG	
	0225		89.7			1500		PLUG DOWN	
	0227					1500		RELEASE PST - HELD	
								WASH UP	
								RACK UP	
	0330							JOB COMPLETE	

ORIGINAL

THANK YOU

WAYNE WILSON

DAVE ASH

JOHN BECKER