

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

API NO. 185-22851-01-00 **ORIGINAL**

County Stafford

NE-SW-NE Sec. 4 Twp. 22 Rge. 11 X W

3648 Feet from S/N (circle one) Line of Section

1670 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 Sleeper Well # 3

Field Name Salt Marsh South

Producing Formation Simpson, Viola, LKC

Elevation: Ground 1744 KB 1757

Total Depth 3657' PBDT 3540'

Amount of Surface Pipe Set and Cemented at 483 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/ \_\_\_\_\_ ex cmt.

Drilling Fluid Management Plan MLP 3-2P-13  
(Data must be collected from the Reserve Pit)

Chloride content 11,229 ppm Fluid volume 640 bbls

Dewatering method used Hauled

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Hallwood Petroleum, Inc.

Lease Name Sleeper #2 License No. 3613

NE Quarter Sec. 4 Twp. 22 S Rng. 11 E/W

County Stafford Docket No. D-25,528

Operator: License # 3613

Name: Hallwood Petroleum, Inc.

Address 4582 So. Ulster Street Parkway  
Suite 1700

City/State/Zip Denver, CO 80237

Purchaser: Texaco

Operator Contact Person: George Hutton

Phone (316) 792-2756

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Jim Musgrove

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  PBDT

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

11/19/92 11/27/92 1/27/93

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 *Marvin Ball*

Title Sr. Eng. Tech. Date 3/10/93

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

Notary Public *Ada M. Christian* STATE CORPORATION COMMISSION

Date Commission Expires 9/1/93

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)

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MAR 12 1993

Form ACO-1 (7-91)

CONSERVATION DIVISION  
Wichita, Kansas

3-12-93

**SIDE TWO**

Operator Name Hallwood Petroleum, Inc. Lease Name Sara Sleeper Well # 3

Sec. 4 Twp. 22 Rge. 11  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  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 DIL SDL/DSM  
 MICRO  
 CORAL

Name	Formation (Top), Depth and Datum		Sample
	Top	(TUD) Datum	
Anhydrite	463	+1294	
Topeka	2673	-916	
Toronto	2981	-1224	
Lansing	3119	-1362	
Base KC	3367	-1610	
Viola	3386	-1629	
Arbuckle	3459	-1702	

**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
Conductor	15"	13 3/8	48	20'	60/40 poz	35	3% cc
Surface	12 1/4"	8 5/8	24	483	60/40 poz	85	3% cc no gel
						240	3% cc 2% gel
Production	7 7/8"	5 1/2	15.5	3659		100	5% EA2 10% salt .75% Halid 322
						125	5% EA2 10% salt .75% Halid 322 5 lb/sk Gilsonite 1/4 lb/sk Flocele

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	
		Amount	Depth
4	3562-4, 3554-6, 3549-52	750 gals, 15% NE	3490-96
2	3490-6, 3468-80, 3438-42	500 gals HCL 500 gals 15% NE	3468-80
2	3346-51, 3328-34, 3266-70	1,000 gals, 15% NE	3438-42
2	3234-6	1,000 gals, 15% NE	3346-51
		1,500 gals, 15% NE	3328-34
		1,000 gals, 15% NE	3266-70
		500 gals, 15% NE	3234-36

**TUBING RECORD** Size 2 7/8 Set At 3536 Packer At NA Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 1/25/93 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil 27 Bbls.	Gas 0 Mcf	Water 36 Bbls.	Gas-Oil Ratio --	Gravity
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Operator Name Hallwood Petroleum, Inc. Lease Name Sara Sleeper Well # 3

East

County Stafford

Sec. 4 Twp. 22 Rge. 11  West

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Disposition of Gas:      **METHOD OF COMPLETION**

Production Interval

Vented    Sold    Used on Lease  
(If vented, submit ACO-18.)

Open Hole    Perf.    Dually Comp.    Commingled   3234-3496  
 Other (Specify) \_\_\_\_\_

ORIGINAL

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STATE CORPORATION COMMISSION

MAR 12 1993

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

DIRECTIONAL SURVEY REPORT  
for  
**HALLWOOD ENERGY COMPANIES**  
**SLEEPER NO. 3**  
STAFFORD COUNTY, KANSAS

SUBMITTED BY:

EASTMAN TELECO  
MID-CONTINENT DISTRICT

*DECEMBER 3, 1992*

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MAR 12 1993  
CONSERVATION DIVISION  
Wichita, Kansas

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Survey data are gathered and calculations performed according to standards and procedures set forth by Eastman Teleco, and are true and correct to the best of my knowledge.

James J. JO P.E.

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MAR 12 1993  
CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

HALLWOOD ENERGY  
SLEEPER #3 SEC 4-22S-11W

slot #1  
STAFFORD COUNTY  
KANSAS

SURVEY LISTING

Your ref : s1089  
Our ref : svy1089  
Other ref :

Date printed : 3-Dec-92  
Date created : 19-Nov-92  
Last revised : 3-Dec-92

Field is centred on n38 0 0.000,w98 45 0  
Structure is centred on n38 0 0.000,w98 45 0

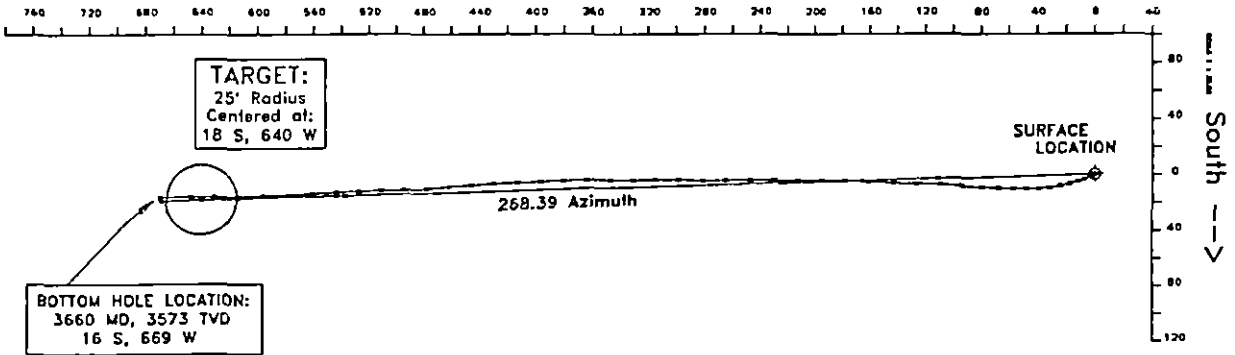
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STATE COOPERATION COMMISSION

MAR 12 1993

CONSERVATION DIVISION  
Wichita, Kansas

← West

SCALE 1 : 20.00



**TARGET:**  
 25' Radius  
 Centered at:  
 18 S, 640 W

**BOTTOM HOLE LOCATION:**  
 3660 MD, 3573 TVD  
 16 S, 669 W

SURFACE LOCATION

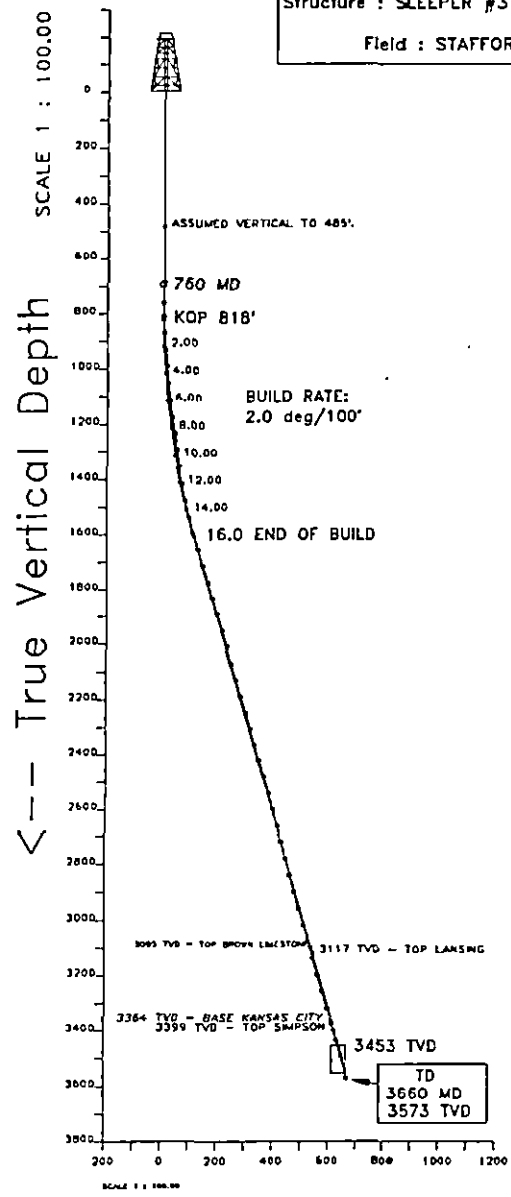
268.39 Azimuth

**HALLWOOD ENERGY**

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Structure : SLEEPER #3 SEC 4-225-11W

Field : STAFFORD COUNTY                      Location : KANSAS



FINAL

ORIGINAL

**EASTMAN TELECO**  
A Baker Hughes Company

6409 S. SOONER RD.  
 OKC, OK 73135

PHONE: (405) 672-7881  
 FAX: (405) 672-8056

DRAWN BY: C. RICKEY  
 DATE: 3-DEC-1992

JOB #1806  
 JOB DATE: NOV 21-27, 1992

Vertical Section on 268.39 azimuth with reference 0.00 N, 0.00 E from slot #1

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MAR 12 1993

CONSERVATION DIVISION  
 Wichita, Kansas

ORIGINAL

HALLWOOD ENERGY  
SLEEPER #3 SEC 4-22S-11W, slot #1  
STAFFORD COUNTY, KANSAS

SURVEY LISTING Page 1  
Your ref : s1089  
Last revised : 4-Dec-92

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	RECTANGULAR COORDINATES		Dogleg Deg/100Ft	Vert Sect	
485.00	0.00	0.00	485.00	0.00 N	0.00 E	0.00	0.00	ASSUMED VERTICAL TO 485'.
760.00	0.40	236.50	760.00	0.53 S	0.80 W	0.14	0.82	
810.00	0.90	230.90	809.99	0.87 S	1.25 W	1.01	1.27	
870.00	3.10	241.80	869.95	1.94 S	3.05 W	3.70	3.10	
931.00	4.70	249.50	930.81	3.59 S	6.84 W	2.75	6.94	
991.00	5.30	254.10	990.58	5.21 S	11.81 W	1.20	11.95	
1054.00	6.00	256.20	1053.28	6.80 S	17.80 W	1.16	17.99	
1115.00	6.80	258.30	1113.90	8.29 S	24.44 W	1.37	24.66	
1176.00	7.00	262.90	1174.45	9.48 S	31.66 W	0.96	31.92	
1236.00	7.80	267.80	1233.96	10.09 S	39.36 W	1.70	39.63	
1298.00	8.40	269.90	1295.34	10.26 S	48.09 W	1.08	48.36	
1358.00	9.10	271.70	1354.64	10.12 S	57.22 W	1.25	57.48	
1420.00	10.50	272.70	1415.73	9.71 S	67.76 W	2.27	68.01	
1482.00	12.20	271.70	1476.52	9.25 S	79.95 W	2.76	80.18	
1544.00	14.00	274.50	1536.90	8.47 S	93.98 W	3.08	94.18	
1605.00	15.10	272.40	1595.94	7.56 S	109.27 W	2.00	109.44	
1667.00	16.10	271.70	1655.66	6.96 S	125.94 W	1.64	126.08	
1728.00	16.60	272.00	1714.19	6.41 S	143.10 W	0.83	143.22	
1791.00	16.40	273.10	1774.60	5.61 S	160.97 W	0.59	161.07	
1853.00	16.10	272.00	1834.12	4.84 S	178.30 W	0.69	178.37	
1914.00	16.20	271.00	1892.72	4.40 S	195.26 W	0.48	195.31	
1976.00	16.50	269.20	1952.21	4.37 S	212.72 W	0.95	212.76	
2036.00	16.80	269.90	2009.69	4.50 S	229.91 W	0.60	229.94	
2098.00	16.40	269.90	2069.11	4.53 S	247.62 W	0.64	247.65	
2160.00	16.00	270.30	2128.65	4.50 S	264.92 W	0.67	264.94	
2221.00	15.80	270.60	2187.31	4.37 S	281.63 W	0.35	281.64	
2283.00	15.80	270.30	2246.97	4.24 S	298.51 W	0.13	298.51	
2344.00	15.50	269.60	2305.71	4.25 S	314.96 W	0.58	314.96	
2403.00	15.80	269.60	2362.52	4.36 S	330.88 W	0.51	330.87	
2464.00	15.70	270.60	2421.23	4.34 S	347.44 W	0.47	347.42	
2526.00	15.40	268.90	2480.96	4.41 S	364.06 W	0.88	364.04	
2588.00	15.60	268.20	2540.71	4.83 S	380.62 W	0.44	380.60	
2649.00	15.40	267.50	2599.49	5.44 S	396.91 W	0.45	396.90	
2711.00	15.00	267.80	2659.32	6.10 S	413.15 W	0.66	413.16	
2775.00	15.20	267.10	2721.11	6.85 S	429.81 W	0.42	429.83	
2836.00	14.90	266.00	2780.02	7.80 S	445.62 W	0.68	445.66	
2898.00	14.90	265.70	2839.93	8.95 S	461.52 W	0.12	461.58	
2960.00	15.40	266.80	2899.78	10.01 S	477.68 W	0.93	477.78	
3022.00	15.40	266.80	2959.55	10.93 S	494.12 W	0.00	494.24	
3084.00	15.90	268.20	3019.25	11.66 S	510.83 W	1.01	510.96	
3146.00	15.20	267.10	3078.98	12.33 S	527.44 W	1.22	527.58	
3207.00	15.90	267.50	3137.75	13.10 S	543.77 W	1.16	543.93	
3270.00	16.10	267.50	3198.31	13.86 S	561.12 W	0.32	561.29	
3330.00	16.30	267.50	3255.93	14.59 S	577.84 W	0.33	578.03	
3393.00	16.90	268.50	3316.30	15.22 S	595.83 W	1.05	596.02	
3455.00	16.50	269.60	3375.69	15.51 S	613.64 W	0.82	613.84	
3516.00	16.30	269.20	3434.20	15.69 S	630.87 W	0.38	631.06	
3577.00	15.60	268.90	3492.86	15.97 S	647.63 W	1.16	647.82	
3660.00	14.60	268.70	3572.99	16.42 S	669.24 W	1.21	669.44	Projection to BIT.

All data is in feet unless otherwise stated  
Coordinates are from slot #1 and TVDs are from wellhead.  
Vertical section is from N 0.00 E 0.00 on azimuth 268.39 degrees.  
Calculation uses the minimum curvature method.

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STATE REGULATION COMMISSION

MAR 12 1993

CONSERVATION DIVISION  
Wichita, Kansas



HALLWOOD ENERGY  
 SLEEPER #3 SEC 4-22S-11W,slot #1  
 STAFFORD COUNTY,KANSAS

SURVEY LISTING Page 2  
 Your ref : s1089  
 Last revised : 3-Dec-92

Comments in wellpath

MD	TVD	Rectangular Coords.		Comment
485.00	485.00	0.00 N	0.00 E	ASSUMED VERTICAL TO 485'.

Targets associated with this wellpath

Target name	Position	T.V.D. Local rectangular coords. Date revised		
3453 TVD (#4)	not specified	3453.00	642.00N	20.00E 19-Nov-92

ORIGINAL

All data is in feet unless otherwise stated  
 Coordinates are from slot #1 and TVDs are from wellhead.  
 Slot coordinates are 0.00 N 0.00 E.  
 Bottom hole distance is 669.44 on azimuth 268.59 degrees from wellhead.  
 Vertical section is from N 0.00 E 0.00 on azimuth 268.39 degrees.  
 Calculation uses the minimum curvature method.

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CONSERVATION DIVISION  
 Wichita, Kansas

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

P.O. BOX 351046  
DALLAS, TX 75395-1046

15-185-22851-0100

INVOICE NO.	DATE
298962	11/28/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SLEEPER SARA 3		STAFFORD		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
GREAT BEND	ALLEN DRILLING CO	CEMENT PRODUCTION CASING		11/28/1992	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
355880	GEORGE HUTTON			COMPANY TRUCK	43278

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

*AFE # 1122007  
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	MILEAGE	24	MI	2.60	62.40
		1	UNT		
001-016	CEMENTING CASING	3659	FT	1,240.00	1,240.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5 1/2	IN	60.00	60.00
		1	EA		
018-317	SUPER FLUSH	12	SK	98.00	1,176.00
509-968	SALT	1000	LB	.10	100.00
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	121.00	121.00
825.205					
4A	FLOAT COLLAR-SSII-5-1/2 8RD	1	EA	253.00	253.00
838.07100					
504-308	STANDARD CEMENT	100	SK	6.56	656.00
508-127	CAL SEAL	5	SK	19.70	98.50
509-968	SALT	500	LB	.10	50.00
507-775	HALAD-322	71	LB	6.30	447.30
504-308	STANDARD CEMENT	125	SK	6.56	820.00
508-291	GILSONITE BULK	650	LB	.35	227.50
508-127	CAL SEAL	6	SK	19.70	118.20
509-968	SALT	600	LB	.10	60.00
507-775	HALAD-322	88	LB	6.30	554.40
507-210	FLOCELE	31	LB	1.30	40.30
500-207	BULK SERVICE CHARGE	272	CFT	1.15	312.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	290.28	TMI	.80	232.22
INVOICE SUBTOTAL					6,629.62
DISCOUNT-(BID)					994.44-
INVOICE BID AMOUNT					5,635.18
*-KANSAS STATE SALES TAX					161.76
***** CONTINUED ON NEXT PAGE *****					

ORIGINAL

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.

15-185-22851-0100

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
298962	11/28/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SLEEPER SARA 3		STAFFORD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
GREAT BEND		ALLEN DRILLING CO		CEMENT PRODUCTION CASING		11/28/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
355880	GEORGE HUTTON				COMPANY TRUCK	43278

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
	*--BARTON COUNTY SALES TAX				33.03
INVOICE TOTAL - PLEASE PAY THIS AMOUNT ----->					\$5,829.97

ORIGINAL

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.

FORM 1906 R-11

WELL NO.—FARM OR LEASE NAME <b>3 SLEEPER</b>		COUNTY <b>STAFFORD</b>	STATE <b>KS</b>	CITY / OFFSHORE LOCATION	DATE <b>11-28-92</b>
CHARGE TO <b>HALLWOOD PETROLEUM</b>		OWNER <b>SAME</b>		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS		CONTRACTOR <b>ALCO DRILLING</b>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
CITY, STATE, ZIP		SHIPPED VIA <b>51797</b>		FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	
WELL TYPE <b>01-OIL</b>		WELL CATEGORY <b>01-DEVELOPMENT</b>		WELL PERMIT NO.	
TYPE AND PURPOSE OF JOB <b>035- (CONST PRODUCED) GASOL</b>		<b>B-573007</b>		ORDER NO.	
				REFERRAL LOCATION	
				LOCATION <b>1 GREATBEND, KS</b> CODE <b>25520</b>	
				LOCATION <b>2 PRATT, KS</b> CODE <b>25555</b>	
				LOCATION <b>3</b> CODE	

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			
006-117		1		MILEAGE	24	ME			2 60	62	40
001-016		1		PUMP CHARGE	3659	FT	8	WKS	1240 00	1240	00
030-018		1		SW PLUG TOP	1	EA	5 1/2"		60 00	60	00
018-317		1		SUPERFLOSH	12	WKS			98 00	1176	00
509-968		1		SALT FOR PREFLOSH	1000	LBS			.10	100	00
12A	825.205	1		GUIDE SHOE	1	EA	5 1/2"		121 00	121	00
4A	836.07100	1		FLOAT COLLAR SUPER SEAL	1	EA	5 1/2"		253 00	253	00

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **2 B-573007**

**3617 22**

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.

**WANE E WILSON** 89377 1  
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

SUB TOTAL **6629 62**  
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

15-185-22851-0100  
FOR INVOICE AND  
TICKET NO. **298962**

DATE <b>11-27-92</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>3 SLEEPER</b>	COUNTY <b>STAFFORD</b>	STATE <b>KS</b>
CHARGE TO <b>HALLWOOD PETROLEUM</b>		OWNER <b>SAME</b>	CONTRACTOR <b>ALLEN DRIG CO</b>	
MAILING ADDRESS		DELIVERED FROM <b>PRATT, KS.</b>	LOCATION CODE <b>25555</b>	PREPARED BY <b>DON PARADIS</b>
CITY & STATE		DELIVERED TO <b>LOCATION</b>	TRUCK NO. <b>2609/6605</b>	RECEIVED BY <b>WADE E WADSON</b>

No. **B573007**

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	100	sk			6.56	656	00	
508-127	890.50131			CALSEAL BLENDED 5%	5	sk			19.70	98	50	
509-968	516.00158			SALT BLENDED 10%	500	lb			.10	50	00	
507-775	516.00144			HALAD-322 BLENDED .73%	71	lb			6.30	447	30	
504-308	516.00261			STANDARD CEMENT	125	sk			6.56	820	00	
508-291	516.00337			GILSONITE BLENDED 5#	650	lb			.35	227	50	
508-127	890.50131			CALSEAL BLENDED 5%	600	lb	6	sk	19.70	118	20	
509-968	516.00158			SALT BLENDED 10%	600	lb			.10	60	00	
507-775	516.00144			HALAD-322 BLENDED .73%	88	lb			6.30	554	40	
507-210	890.50071			FLOCFLE BLENDED 1/4#	31	lb			1.30	40	30	
<b>ORIGINAL</b>												
		Returned Mileage Charge	TOTAL WEIGHT		LOADED MILES		TON MILES					
		SERVICE CHARGE ON MATERIALS RETURNED					CU. FEET					
500-207		SERVICE CHARGE				CU. FEET 272		1.15	312	80		
500-306		Mileage Charge	24,190 TOTAL WEIGHT		24 LOADED MILES		290.28 TON MILES		.80	232	22	
No. <b>B 573007</b>		CARRY FORWARD TO INVOICE					SUB-TOTAL		3617		22	

DISTRICT GREAT BWD, KS

DATE 11-28-92

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. 3 LEASE SLEEPER SEC. 4 TWP. 22S RANGE 11W

FIELD \_\_\_\_\_ COUNTY STAFFORD STATE KS OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD:	OIL _____ BPD, H <sub>2</sub> O _____ BPD, GAS _____ MCF						
PRESENT PROD:	OIL _____ BPD, H <sub>2</sub> O _____ BPD, GAS _____ MCF						
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

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

CEMENT 5/8" LOGS STR. 26 W/ 100 SKS STANDARD EAZ, 5% EAZ, 10% SALT, 1.75% HALAD 322  
125 SKS STANDARD EAZ, 5% EAZ, 10% SALT, 1.75% HALAD 322  
50 BBLs SALT FLUO  
12 BBLs SURFLUSH  
5 BLS GELWATE P/SK, 1/4 #/SK FLOCULE

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 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 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 term "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's 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 personnel 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 any cause 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, indirect, 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 until 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 George Stutton CUSTOMER

DATE 11-28-92

TIME 0400 (A.M.) P.M.



# JOB SUMMARY

DIVISION PLUMBING  
HALLIBURTON LOCATION GREAT BEND, KS

15-195-22851-0100

BILLED ON TICKET NO. 298962-4

### WELL DATA

FIELD \_\_\_\_\_ SEC 4 TWP 22S RNG 11W COUNTY STAFFORD STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO 10238

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 \_\_\_\_\_

VISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KR</u>	<u>3659</u>	
LINER						
TUBING						
OPEN HOLE				<u>3659</u>	<u>3660</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-28-92</u>	DATE <u>11-28</u>	DATE <u>11-28</u>	DATE <u>11-28</u>
TIME <u>0001</u>	TIME <u>0215</u>	TIME <u>0624</u>	TIME <u>0830</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR <u>SUPER SCL</u>	<u>1</u>	<u>HOWCO</u>
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	<u>HOWCO</u>
CENTRALIZERS		<u>COMP.</u>
BOTTOM PLUG		
TOP PLUG <u>SW</u>	<u>1</u>	<u>HOWCO</u>
HEAD <u>P.C.</u>	<u>1</u>	<u>HOWCO</u>
PACKER		
OTHER		

### 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. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WILSON</u> <u>89377</u>	<u>RCM</u>	
<u>C. BAUMAN</u> <u>88531</u>	<u>51797</u>	<u>GREAT BEND, KS</u>
	<u>BULK</u>	
<u>JAKE GEOCABITZ</u> <u>CR239</u>	<u>2609-6605</u>	<u>PRATT, KS</u>

DEPARTMENT CEMENT

DESCRIPTION OF JOB 5 1/2" LOGS/STRENGTH

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X George Stutton

HALLIBURTON OPERATOR Wayne U.K. COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS/GAL.
	<u>100</u>	<u>STANDARD</u>	<u>EA-2</u>	<u>B</u>	<u>5% EA-2, 10% SALT, 7.5% HALAD 322</u>	<u>1.26</u>	<u>15.8</u>
	<u>125</u>	<u>STANDARD</u>	<u>EA-2</u>	<u>B</u>	<u>5% EA-2, 10% SALT, 7.5% HALAD 322</u>	<u>1.36</u>	<u>15.3</u>
					<u>5 LBS GUNDRITE P/SK, 1/4 LB/SK FLOXILE</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 40.08 REASON FLOAT COLLAR

### SUMMARY

PRESLUSH BB - 50 - 12 TYPE SALT - SUPERFLUSH

LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_

TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL BB - 86.2

CEMENT SLURRY BB - 22.4 - 30.3 = 52.7

TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

### REMARKS

TP - 3663'

1000 LBS SALT FOR PREFLUSH

15 sec RATHOLE - 1500 CEMENT

RECEIVED  
CONSERVATION DIVISION  
Wichita Kansas  
MAR 12 1993

CUSTOMER HALLIBURTON PETROLEUM

LEASE SEEPER

WELL NO. 3

JOB TYPE 5 1/2" LOGS/STRENGTH

DATE 11-28-92

**JOB LOG**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0001							CALLED OUT
	0215							ON LOCATION BREAK CIRCULATION
1	0624	5	50		✓		500	PUMP SALT FLUSH
	0634		53		✓		500	PUMP SPACER
			0					
	0634	5	12		✓		500	PUMP SUPERFLUSH
	0637		15		✓			PUMP SPACER
	0643		0					PLUG BATHOLE 3.5 BBL
	0647	5	52.7		✓		400	MIX CEMENT
	0657					✓		FRESH MIXING
	0703							WASH OUT LINES RELEASE PLUG
	0707	8	0			✓		600 DESPACE PLUG
0720		86.2			✓		1250 PLUG DOWN - BY WERELEJE 3626' RELEASE PSE - HELD	
								WASH UP TRUCK
								RACK-UP
	0830							JOB COMPLETE ORIGINAL
								THANK YOU WAYNE WILSON CARL BAUMAN JAKE GIOGARETTI