

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

Operator: License # 03218
 Name: American Trading & Prod. Corp.
 Address 1331 Lamer, Suite 1250
 City/State/Zip Houston, TX 77010
 Purchaser: INJECTION FOR REPRESSURING
 Operator Contact Person: Donald W. Garrett
 Phone (713) - 658-0445
 Contractor: Name: Emphasis Oil Operations
 License: 8241
 Wellsite Geologist: --

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

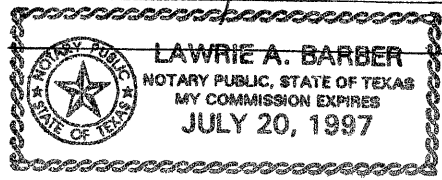
If Workover/Re-Entry: old well info as follows:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
 9/3/93 9/12/93 10/26/93
 Spud Date Date Reached TD Completion Date

API #15-163-23,233 00-00
 County Rooks **ORIGINAL**
 N/2-NW-NE-SE Sec. 32 Twp. 8S Rge. 17 E W
150 Feet from N (circle one) Line of Section
1920.6 Feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
 Lease Name Stamper 'C' Well # 5
 Field Name Dopita
 Producing Formation Lansing-Kansas City
 Elevation: Ground 1949' KB 1954'
 Total Depth 3400' PBTB 3356
 Amount of Surface Pipe Set and Cemented at 1255 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cnt.
 Drilling Fluid Management Plan ALT 1 JH 4-20-94
 (Data must be collected from the Reserve Pit)
 Chloride content 1000 ppm Fluid volume 1880 bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name N/A
 Lease Name _____ License No. _____
 Quarter Sec. Twp. S Rng. E/W
 County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Donald W. Garrett
 Title Petroleum Engineer Date 10/27/93
 Subscribed and sworn to before me this 27th day of October
 19 93
 Notary Public Lawrie A. Barber
 Date Commission Expires _____



RECEIVED
 DIVISION OF OIL & GAS CONSERVATION
 WICHITA, KANSAS
 NOV 4 1993
 REC 11 1993

OFFICE USE ONLY
 F Letter of Confidentiality Attached
 C Wireline Log Received
 G Geologist Report Received
 Distribution
 SWD/Rep NGPA
 Plug Other
 (Specify)

Operator Name American Trading & Prod. Corp. Lease Name Stamper 'C' Well # 5

Sec. 32 Twp. 8S Rge. 17 East West
 County Rooks

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

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Topeka Ls.</td> <td>2840</td> <td>(-893)</td> </tr> <tr> <td>Plattsmouth Ls.</td> <td>2998</td> <td>(-1051)</td> </tr> <tr> <td>Lansing Ls.</td> <td>3095</td> <td>(-1148)</td> </tr> <tr> <td>Kansas City Ls.</td> <td>3179</td> <td>(-1232)</td> </tr> <tr> <td>Marmaton</td> <td>3327</td> <td>(-1380)</td> </tr> <tr> <td>Arbuckle</td> <td>3361</td> <td>(-1414)</td> </tr> <tr> <td>TD</td> <td>3400</td> <td>(-1453)</td> </tr> </tbody> </table>	Name	Top	Datum	Topeka Ls.	2840	(-893)	Plattsmouth Ls.	2998	(-1051)	Lansing Ls.	3095	(-1148)	Kansas City Ls.	3179	(-1232)	Marmaton	3327	(-1380)	Arbuckle	3361	(-1414)	TD	3400	(-1453)
Name	Top		Datum																							
Topeka Ls.	2840		(-893)																							
Plattsmouth Ls.	2998		(-1051)																							
Lansing Ls.	3095		(-1148)																							
Kansas City Ls.	3179	(-1232)																								
Marmaton	3327	(-1380)																								
Arbuckle	3361	(-1414)																								
TD	3400	(-1453)																								
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																									
List All E.Logs Run: Dual Induction, Density, Neutron, Microlog																										

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"	28 & 32	1256'	Lt. & A	430	3% CaCl ₂ 1/4# Flo Seal
Production	7-7/8"	5-1/2"	14	3401	Cl A	200	10% Salt 5# Gilsonite

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	
	4	3292' - 3302' (10') 40 Holes		4000 Gal 15% HCL NEFE

TUBING RECORD Size 2-7/8" Set At 3215 Packer At 3215 Liner Run Yes No

Date of First, Resumed Production, SWD or (inj) Pending Permit Producing Method Flowing Pumping Gas Lift Injection Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		N/A		N/A		N/A	N/A	N/A

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 3292'-3302'



CHARGE TO:
 ADDRESS: American Trading
 CITY, STATE, ZIP CODE:

COPY

TICKET

No. 512353-6

FORM 1906 R-12

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Hayes Ks 22522

WELL/PROJECT NO.: #5 LEASE: Stampa C COUNTY/PARISH: Rooks 22-8-17 STATE: LS CITY/OFFSHORE LOCATION: DATE: 7-12-93 OWNER: Some

TICKET TYPE: SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR: Emphasis RIG NAME/NO. SHIPPED VIA: 60210100 DELIVERED TO: location ORDER NO.

WELL TYPE: 01 WELL CATEGORY: 01 JOB PURPOSE: 035 WELL PERMIT NO. WELL LOCATION: W. 28 N. 10 E. 10 1/2 Sec 10, T. 28 N. R. 10 E. 10 1/2 Sec 10

REFERRAL LOCATION: 2270 INVOICE INSTRUCTIONS: com 1/2 pl. s. w/ vauksa std w/ 1/2 cal seal w/ 1/2 h/h/k. 72 1/2 h/h/k

15-163-23233-00-02

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
117		1				MILEAGE	51324	RCM	10	EA		
016		1				Pump service	34	100				
018		1				Super Plug	1	EA	5/4	100	65.100	65.100
317		1				Super Flush	1	EA	10	100	120.100	120.100
12A	225-205	1				Guide Shoe Reg	1	EA	5/4	100	121.100	121.100
24A	81519251	1				Insert Float valve	1	EA	5/4	100	110.100	110.100
27	R15-1931	1				Fallup unit	1	EA		50	50.100	50.100
40	807 93022	1				S-4 cont	6	EA		44	44.100	264.100
66	807 640 5	1				Fastup unit clamp	1	EA		12	12.100	12.100

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: X [Signature] DATE SIGNED: 9-12-93 TIME SIGNED: 1410

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

TYPE LOCK: DEPTH: SURVEY: AGREE UN-DECIDED DIS-AGREE

BEAN SIZE: SPACERS: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

TYPE OF EQUALIZING SUB.: CASING PRESSURE: WE UNDERSTOOD AND MET YOUR NEEDS?

TUBING SIZE: TUBING PRESSURE: WELL DEPTH: OUR SERVICE WAS PERFORMED WITHOUT DELAY?

TREE CONNECTION: TYPE VALVE: WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

PAGE TOTAL: 3244100

FROM CONTINUATION PAGE(S): 357713

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 6921 83

do do not require IPC (Instrument Protection). Not offered. CUSTOMER DID NOT WISH TO RESPOND

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

CUSTOMER'S AGENT (PLEASE PRINT): [Signature] CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): X [Signature] HALLIBURTON OPERATOR/ENGINEER: Allen F. Worth EMP #: 86101 HALLIBURTON APPROVAL: [Signature]

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Midland 15-163-2323300-00
Napa, KS

BILLED ON TICKET NO. 57230

WELL DATA

SEC. 32 TWP. 3 RING. 217 COUNTY. Rock 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 **3400'**

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			5 1/2	KS	3398	
LINER						
TUBING						
OPEN HOLE				2398	2400	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	8RD 5 1/2	Howe
CENTRALIZERS	S-U 5 1/2	Howe
BOTTOM PLUG		
TOP PLUG	Swiper 2 1/2	Howe
HEAD		
PACKER		
OTHER	Fac Grip 2 1/2	Howe

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-12-93 TIME 1120	DATE 9-12-93 TIME 1435	DATE 9-12-93 TIME 1650	DATE 9-12-93 TIME 1930

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
A F Worth 8001	RCM	}
R Barrow 3229	51324	
M Kail 61511	51323	

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

ERIC. RED. AGENT TYPE _____ GAL-LB _____ IN

BREAKER TYPE _____ GAL-LB _____ IN

BLOCKING AGENT TYPE _____ GAL-LB _____ IN

PERFPAC BALLS TYPE _____ QTY _____

OTHER **12 BBL Super Flush**

OTHER **20 BBL Salt Flush**

DEPARTMENT **CR**

DESCRIPTION OF JOB **5 1/2 CS**

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN:

CUSTOMER REPRESENTATIVE **X David Jant**

HALLIBURTON OPERATOR **A F Worth**

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	200	STD	Port A	A	5% cal. seal S#6.1 75% Adcol 220 10% salt	1.34	15.37

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 **29.06'** REASON **slow IT**

SUMMARY

PRESLUSH: BBL-GAL _____ TYPE **salt**

TREATMENT: BBL-GAL _____

CEMENT SLURRY _____

TOTAL VOLUME: BBL-GAL _____

RECEIVED
CONSERVATION COMMISSION
NOV 04 1993

RAMARKS
see notes in Kansas - chart
check

CUSTOMER: **Amesbury Land**
LEASE: **6-5 Stampac**
WELL NO.: **15-163-2323300-00**
JOB TYPE: **CR**
DATE: **9-12-93**

START NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1130							called out
	1435							ON loc w/ Equip + cut 200sk stl cut w/ 5% calsal 5# G. lsom. fe. 75% Halad-322 70% salt.
								Set up + Plan Job.
	1450							Big Pulling Drill Collars out of Hole w/ Drill collars Pull Rat Hole + Rig up to Run 14" csg 5 1/2"
								Shoe It + 29.06. put 1st cast 10' up from shoe it w/ ^{clamp} spacer then 1st collar, 3rd collar 5th collar, 7th collar 9th collar. Insert F. II of in top of shoe it.
	1650							start 5 1/2 csg 14" pipe in Hole
	1750							Rig out Bottom
	1758							circ w/ mud Hog
	1815	5	20				200#	start 20 BBL salt flush
		5	2				200#	Pump 2 BBLs F.W. spacer
		5 1/2	12				200#	Pump 12 BBLs super flush
							200#	Pump 3 BBLs F.W. spacer
							200#	start 200sk stl cut w/ 12% salt, 5% calsal 70% Halad- 322 5# G. lsom. fe/alk
							500#	Fluorant, Plug Rat hole w/ wsk wash out pump + line - Release Plug
	1838	6	8 3/2				200#	start Disp
							1000#	Fluor Disp. 8 3/2 BBLs OK
	1930							Knock loose + wash up equip. Job complete good circ to Job.

RECEIVED
STATE CORPORATION COMMISSION

NOV 8 1993
Rond
Mol

CONSERVATION DIVISION
Wichita, Kansas



CHARGE TO: American Trading
 ADDRESS
 CITY, STATE, ZIP CODE

COPY

TICKET

No. 512327-2

PAGE 1 OF 2

FORM 1906 R-12

1. 025525	WELL/PROJECT NO. 5	LEASE Stampac "C"	COUNTY/PARISH Rooks	STATE KS	CITY/OFFSHORE LOCATION	DATE 9-4-93	OWNER SARNE
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR	RIG NAME/NO. Emphasis	SHIPPED VIA 5114	DELIVERED TO LOC	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO.		WELL LOCATION N.E. Plainville, KS	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS 22%					

15-163-23233-50-20

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
000-117	ORIGINAL					MILEAGE 51143	10	M	1		2.75	27.50
001-016						Pumpchase	1248	FT	6	hrs		1060.00
030-018						SW TOP Plug	1		8 1/2	IN		130.00
815.17502						insert Float Valve	1		8 3/4	IN		171.00
815.17415						Fillupassy.	1		"	"		55.00
807.93059						Centralizers 54	3		"	"	72.00	216.00

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.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *[Signature]*

DATE SIGNED: 9-4-93 TIME SIGNED: 6:30 P.M.

do not require IPC (Instrument Protection). Not offered

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

CUSTOMER'S AGENT (PLEASE PRINT): X *[Signature]* HALLIBURTON OPERATOR/ENGINEER: *[Signature]* EMP #: B2150 HALLIBURTON APPROVAL: *[Signature]*

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 1657.50 FROM CONTINUATION PAGE(S) 5010.65 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 16670.15
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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

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



FORM 1911 R-8

CUSTOMER American Trading	WELL C-5 Stamper	DATE 9-4-93	PAGE OF
-------------------------------------	----------------------------	-----------------------	------------

15-163-23233-00-00

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
504-316		1		B		Halliburton Light Cement	350				6.43	2,250.50
504-308	516.00261	1		B		Standard Cement	180				6.96	1,252.80
509-406	890.50812	1		B		Calcium Chloride Blended	14				28.25	395.50
507-210 890.50071		1		B		Flocele Blended	88	1b			1.40	123.20
90-207		1		B		SERVICE CHARGE					1.35	761.40
306		1		B		MILEAGE CHARGE						227.56
						TOTAL WEIGHT	564					
						TOTAL WEIGHT	47,843	LOADED MILES		10		
						TOTAL WEIGHT	239.215					

CONTINUATION TOTAL	5,010.66
--------------------	----------

JOB SUMMARY

HALLIBURTON DIVISION MIDcontinent
HALLIBURTON LOCATION Hays KS

BILLED ON TICKET NO. 512327

15-163-23233-0000 WELL DATA
SEC 32 TWP 8 RNG 17 COUNTY ROOKS STATE KS

CUSTOMER American Trading

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	28	8 5/8	KB	1255	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>Insert Float 8 5/8</u>	<u>1</u>	<u>Howell</u>
FLOAT SHOE <u>Fellup</u>	<u>1</u>	<u>"</u>
GUIDE SHOE		
CENTRALIZERS <u>54 8 5/8</u>	<u>3</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>5w 8 5/8</u>	<u>1</u>	<u>"</u>
HEAD		
PACKER		
OTHER		

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-4-93</u>	DATE <u>9-4-93</u>	DATE <u>9-4-93</u>	DATE <u>9-5-93</u>
TIME <u>1600</u>	TIME <u>1700</u>	TIME <u>2130</u>	TIME <u>2130</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L Denkel</u>	<u>B0750</u>	<u>P.T.</u>
<u>Dash</u>	<u>51609</u>	<u>51143</u>
<u>A Gabriel</u>	<u>88626</u>	<u>B.M.</u>
<u>M Kerlin</u>	<u>51252</u>	<u>B.M.</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL - API

DISPL. FLUID _____ DENSITY _____ LB/GAL - API

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 _____

DEPARTMENT Cement

DESCRIPTION OF JOB Surface

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR L Denkel

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>350</u>	<u>HLC</u>		<u>B</u>	<u>3%CC 1/4# Fluoride</u>	<u>1.86</u>	<u>12.6</u>
	<u>130</u>	<u>Std</u>		<u>B</u>	<u>3%CC</u>	<u>1.18</u>	<u>15.6</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESURUSH: BBL-GAL _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 76.69

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL 153.7

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 31 REASON slur joint

RAMARKS

LEASE Stanger C

WELL NO. _____

JOB TYPE Surface

DATE 9-4-93

WELL NO.	LEASE	JOB TYPE	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
			TUBING	CASING	
5	Stamper "C"	Surface			
1					on location set up TRKS & Discuss job
					RIG Drilling hole
					ST CS6 w/ insert Float valve w/ auto Fillup
					+ 3 8 5/8 Centralizers on 1st 3 Joints
					CS6 on bottom hookup To circ
					ST circ
					Finish circ. - hookup To mix cement
					200 ST mixing 350 sks HEC w/ 3% CC, 1/4" # flx
					+ 180 sks std 3% CC
					200 Finish mixing cement
					200 Release Plug & ST Disp
					800 Plug Down cement in circ
					Release Float held shut in csg
					Job complete
					Thank you!
					Jerry & Crew

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