

ORIGINAL

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

API NO. 15- 093-21547 0000

County Kearny

 - NW - NE - SE Sec. 28 Twp. 24S Rge. 38 X ^E _W

2300 Feet from (S) (circle one) Line of Section

1250 Feet from (E) (circle one) Line of Section

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

Lease Name Turner Well # 1A-I

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3209 ft KB 3221 ft

Total Depth 2625 ft PBTD 2596 ft

Amount of Surface Pipe Set and Cemented at 288 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 2621

feet depth to surface w/ 750 sx cnt.

Drilling Fluid Management Plan ALT 2 JH 6-19-97
(Data must be collected from the Reserve Pit)

Chloride content 15,500 ppm Fluid volume 891 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 04253

Name: Plains Petroleum Operating Co.

Address P.O. Box 383

City/State/Zip Lakin, KS 67860

Purchaser: KN Energy

Operator Contact Person: Don Wilken

Phone (316) 355-7838

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSW, 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 PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

11-11-96 11-13-96 12-10-96
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 Don K. Wilken

Title Engineering Technician Date 2-3-97

Subscribed and sworn to before me this 3rd day of February, 19 97.

Notary Public Dee Ann Wilken

Date Commission Expires 5-29-99

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)

DEE ANN WILKEN
Notary Public - State of Kansas
My Appt. Expires 5-29-99

RCW
02-11-97

(L)

Operator Name Plains Petroleum Operating Co. Lease Name Turner Well # 1A-I
 Sec. 28 Twp. 24S Rge. 38 East County Kearny 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.

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 Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Glorietta Sand	1562	KB
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stone Corral	1858	KB
		Chase Group	2410	KB

List All E.Logs Run: DIL & FDC-CNL

CASING RECORD <input checked="" 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
Surface	12 1/4"	8 5/8"	23	288	HLC & C	150	2% CaCl
Production	7 7/8"	5 1/2"	15.5#	2621	HLC & Prem	730	0.6% Halad & 0.25 #/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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2 SPF	(2413-2418) (2437-2462) (2496-2514)	3000 gals 7.5% HCL Acid 2413-
	(2533-2540) (2552-2557)	Frac with 206,500 lbs sand 2557 ft
		& 74,000 gals gel

TUBING RECORD	Size 2 3/8"	Set At 2478 ft	Packer At None	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
1-28-97				
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 90 Mcf	Water 26 Bbls.	Gas-Oil Ratio N.A. Gravity N.A. -

Disposition of Gas:	<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION	Production Interval
		<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	2413-2557 ft
		<input type="checkbox"/> Other (Specify)	

ORIGINAL

PLAINS PETROLEUM OPERATING CO.
TURNER 1-1
SECTION 28-T24S-R38W
KEARNY COUNTY, KANSAS

15-093-21547

COMMENCED: 11-11-96
COMPLETED: 11-14-96

SURFACE CASING: 288' OF 8 5/8" CMTD
W/50 SKS PREMIUM PLUS LITE + 2% CC
+ 1/4#/SK FLOCELE. TAILED IN W/100 SKS
CLASS "C" + 2% CC + 1/4 #/SK FLOCELE.

FORMATION

DEPTH

FORMATION	DEPTH
SURFACE HOLE	0 - 288
SANDSTONE & SHALE	288 - 666
SANDSTONE & LIMESTONE	666 - 1240
SANDSTONE & SHALE	1240 - 1840
SHALE	1840 - 2625 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21ST DAY OF NOVEMBER, 1996.



JOLENE K. RUSSELL

NOTARY PUBLIC

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
107056	11/11/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
TURNER A-I		KEARNY		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
LIBERAL		CHEYENNE	CEMENT SURFACE CASING		11/11/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
691234	WAYNE KING			COMPANY TRUCK	16144

DIRECT CORRESPONDENCE TO:

PLAINS PETROLEUM COMPANY
P. O. BOX 383
LAKIN, KS 67860

P O BOX 1598
LIBERAL, KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	200	MI	2.99	598.00
		1	UNT		
000-119	MILEAGE FOR CREW	200	MI	1.60	320.00
		1	UNT		
001-016	CEMENTING CASING	1	FT	605.00	605.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	8 5/8	IN	130.00	130.00
		1	EA		
120	GUIDE SHOE - 8 5/8" BRD THD.	1	EA	216.00	216.00
825-217					
24A	INSERT FLOAT VALVE - 8 5/8" BRD	1	EA	221.00	221.00
815.19502					
27	FILL-UP UNIT 2" - 8 5/8"	1	EA	64.00	64.00
815.19415					
40	CENTRALIZER - 8-5/8 X 12-1/4	3	EA	61.00	183.00
806.41048					
504-050	CEMENT - PREMIUM PLUS	100	SK	13.12	1,312.00
504-120	CEMENT - HALL. LIGHT PREM PLUS	50	SK	11.52	576.00
507-210	FLOCELE	39	LB	1.65	62.70
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	40.75	122.25
500-207	BULK SERVICE CHARGE	157	CFY	1.35	214.65
500-206	MILEAGE CHRG MAY DEL OR RETURN	510.0995	MI	1.05	535.60

INVOICE SUBTOTAL

5,160.00

IDC
Cement Surface Casing
AMOUNT - (BID)

1,857.66

INVOICE BID AMOUNT

3,302.54

Turner A-I

820.17 \$ 3474.78

K-D-306

KANSAS STATE SALES TAX

114.06

LIBERAL CITY SALES TAX

23.27

A-SERARD COUNTY SALES TAX

34.91

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

\$3,474.70

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 19% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account plus all collection and court costs.



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MEO CONT
LIBERTY KS

BILLED ON TICKET NO. 107056

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY LEAVELL 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>N</u>	<u>24</u>	<u>8 5/8</u>	<u>K.O</u>	<u>288</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4 G.L</u>	<u>288</u>		SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-11-96</u>	DATE <u>11-11-96</u>	DATE <u>11-12-96</u>	DATE <u>11-12-96</u>
TIME <u>18:00</u>	TIME <u>18:30</u>	TIME <u>00:37</u>	TIME <u>01:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Elwood</u>	<u>480044</u>	<u>LIBERTY KS</u>
<u>D. McLane</u>	<u>53554</u>	<u>"</u>
	<u>76500 (P)</u>	
		<u>(B) Hugoton</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSERT N/FIL</u>	<u>1</u>	<u>Hawco</u>
FLOAT SHOE		
GUIDE SHOE <u>REG.</u>	<u>1</u>	
CENTRALIZERS <u>S.-4</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>S-WRPA</u>	<u>1</u>	
HEAD <u>QCPC</u>	<u>1</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 _____

DEPARTMENT 5001 Cont

DESCRIPTION OF JOB 8 3/4 SURFACE

JOB DONE THRU: TUBING CASING ANNULUS TIGHTENING

CUSTOMER REPRESENTATIVE X Wayne KS

HALLIBURTON OPERATOR ROBERT ELWOOD COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>50</u>	<u>C LT WT</u>		<u>B</u>	<u>1/4 #/SK Floccle, 2% C.C.</u>	<u>2.06</u>	<u>12.3</u>
	<u>1072</u>	<u>C</u>		<u>B</u>	<u>1/4 #/SK Floccle, 2% C.C.</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 16

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 18.3 + 23.5

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 39.43 REASON SMA JOINT

CUSTOMER PLAINS PETRO.

LEASE LIBERTY KS

WELL NO. 1A-2

JOB TYPE 8 3/4 SURFACE

DATE 11-11-96

CUSTOMER COPY



HALLIBURTON ORIGINAL

REMIT TO:
P O BOX 951044
DALLAS, TX 75295-1044

INVOICE

INVOICE NO.	DATE
106400	11/14/1996

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
TURNER 1 A-1	KEARNY	KS	COPE
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	CHEYENNE	CEMENT PRODUCTION CASING	11/13/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
491234	WAYNE KING		
			SHIPPED VIA
			COMPANY TRUCK
			FILE NO.
			16784

DIRECT CORRESPONDENCE TO:

PLAINS PETROLEUM COMPANY
P. O. BOX 383
LAKIN, KS 67860

P O BOX 1598
LIBERAL KS 67201

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE CEMENTING 80140 TPTF	202	MI	2.99	603.98
		1	UMT		
000-119	MILEAGE FOR CEM	202	MI	1.60	323.20
		1	UMT		
001-016	CEMENTING CASING	2628	FT	11,350.00	1,500.00
		1	UMT		
018-315	MUD FLUSH	500	OPAL	.65	325.00
124	GUIDE SHOES - 5 1/2" 8PD 140.	1	EA	121.00	121.00
823,205					
24A	INCRET FLOTT VALVE - 5 1/2" 8PD	1	EA	131.00	131.00
815,19251					
27	FILL-UP UNIT 5 1/2" - 4 5/8"	1	EA	69.00	69.00
815,19311					
40	CENTRALIZER-5-1/2 X 7-7/8	1	EA	60.00	60.00
806,60032					
950	HALLIBURTON 1 1/2" Cement Production Casing	1	EA	16.25	16.25
826,10802					
030-016	CEMENTING PLUG SW AUGS TOP	830.02	EA	66.00	60.00
	Turner 1A-1				
					11,223.78
504-050	CEMENT - PREMIUM PLUG	100	SK	13.12	1,312.00
504-120	CEMENT - HAL-D-LIN PLUG	630	SK	11.32	7,257.60
507-210	FLOTT	183	LB	1.65	301.95
507-775	PAIAD-3/8"	56	LB	7.00	392.00
509-207	BULK SERVICE CHARGE	742	CF	1.35	1,001.70
509-306	MILEAGE CMTD MAY DEL OR RETURN	1969.892	TMI	1.05	2,068.38
INVOICE SUBTOTAL					16,027.50
DISCOUNT (0.00)					5,447.98
INVOICE NET AMOUNT					10,579.52

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CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75209-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
106400	11/14/1996

WELL LEASE NO./PROJECT TURNER 1 A-1		WELL/PROJECT LOCATION KEARNY		STATE KS	OWNER SHEP
SERVICE LOCATION LIBERAL		CONTRACTOR CHRYLANN		JOB PURPOSE CEMENT PRODUCTION CASING	
TICKET DATE 11/14/1996					
ACCT. NO. 691234	CUSTOMER AGENT WAYNE KING	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 16754

DIRECT CORRESPONDENCE TO:

PLAINS PETROLEUM COMPANY
P. O. BOX 883
LAKIN, KS 67860

P. O. BOX 1593
LIBERAL KS 67901

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	* KANSAS STATE SALES TAX				423.80
	* LIBERAL CITY SALES TAX				87.99
	* SEWARD COUNTY SALES TAX				131.40
	<p style="text-align: right;"><i>ICC</i> <i>Cement Production Casing</i> <i>Turner 1A-I</i> 830.02 \$ 11,223.78 <i>K-D-1306</i> <i>LN</i></p>				
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					11,846.99

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JOB SUMMARY

HALLIBURTON DIVISION

MidContinent

HALLIBURTON LOCATION

Liberal

BILLED ON TICKET NO.

106400

WELL DATA

FIELD _____ SEC. 28 TWP 24S RING 38W COUNTY Hearny 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>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>2623</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-14-96</u>	DATE <u>11-14-96</u>	DATE <u>11-14-96</u>	DATE <u>11-14-96</u>
TIME <u>0530</u>	TIME <u>0945</u>	TIME <u>1208</u>	TIME <u>1328</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT <u>Gollar</u> <u>Insert 4/8" 1</u>		
FLOAT SHOE		
GUIDE SHOE	<u>1</u>	
CENTRALIZERS	<u>9</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD	<u>1</u>	
PACKER		
OTHER <u>Weld A</u>	<u>1</u>	

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>R Crist</u>		
<u>T Mullins</u>		
<u>B McIntyre</u>		
<u>G Lowe</u>		

DEPARTMENT 5001
 DESCRIPTION OF JOB 035
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X Wayne King
 HALLIBURTON OPERATOR Ron Crist COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>630</u>	<u>CLTWT</u>		<u>B</u>	<u>1/4# SK Flocele</u>	<u>2.06</u>	<u>12.3</u>
	<u>100</u>	<u>C</u>		<u>B</u>	<u>1/4# SK Flocele</u>	<u>1.32</u>	<u>14.8</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 _____ REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. 500 TYPE Mud flush
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 61.4
 CEMENT SLURRY: BBL.-GAL. 231 BBL 23.5 TC
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER Plains Petroleum
 LEASE Turner
 WELL NO. 1A-1
 JOB TYPE 035
 DATE 11-14-96

