

CONFIDENTIAL

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: N/A

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:

RELEASED

Operator: _____

Well Name: SEP 25 1998

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. _____

9-3-96 9-5-96 10-11-96

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21438-0000

County MORTON

NE - NE - SW - SW Sec. 7 Twp. 32 Rge. 41 X W

1250 Feet from X (S) (circle one) Line of Section

1250 Feet from X (W) (circle one) Line of Section

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

Lease Name RILEY "F" Well # 1

Field Name DUNKLE

Producing Formation TOPEKA

Elevation: Ground 3456.0 KB _____

Total Depth 3400 PBDT 3276

Amount of Surface Pipe Set and Cemented at 582 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 cmt.

Drilling Fluid Management Plan ALT 1 JH 11-7-97
(Data must be collected from the Reserve Pit)

Chloride content 1400 ppm Fluid Volume 400 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

DEC 10
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County CONFIDENTIAL Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 David W. Kappler

DAVID W. KAPPLER

Title DIVISION DRILLING ENGINEER Date 1/9/97

Subscribed and sworn to before me this 9th day of January 19 97.

Notary Public L. Marc Harvey



Date Commission Expires _____

1-14-97
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)

SIDE TWO

11/15/1901

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name RILEY "F" Well # 1

Sec. 7 Twp. 32 Rge. 41 East West County MOROTN

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
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	BLAINE	984	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	GLORIETTA	1132	
List All E.Logs Run: CBL-GR, DIL, ML, CNL-LDT, SONIC.		B/CIMARRON	1494	
		KRIDER	2108	
		WINFIELD	2220	
		FT. RILEY	2337	
		TOPEKA	3102	

CASING RECORD							
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	23.0	582	P+ MIDCON 2/ P+	75/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8	5-1/2	15.5	3318	MIDCON/ MIDCON.	150/110	3%CC, 1/4#SK FLC/ 3%CC, 1/4#SK FLC.

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 checked="" type="checkbox"/> Plug Off Zone	2864-2876'	P+	25	.6% HALAD 322

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	2864-2876', SQZD.	ACID: 1000 GAL 15% HCL.	2864-2876'
4	3161-3170', 3192-3203'.	ACID: 2000 GAL 15% FeHCL.	3161-3203' (OA)

TUBING RECORD	Size 2-3/8	Set At 3155	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. **		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf 107	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: TO BE METHOD OF COMPLETION Production Interval

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

(If vented, submit ACO-18.) Other (Specify) _____ 3161-3203 (OA)

** WAITING ON PIPELINE

CONFIDENTIAL

ORIGINAL

KCC

ANADARKO PETROLEUM CORPORATION
RILEY F-1
SECTION 7-T32S-R41W
MORTON COUNTY, KANSAS

15-129-21438

COMMENCED: 09-03-96
COMPLETED: 09-07-96

RELEASED

SEP 25 1998

SURFACE CASING: 589' OF 8 5/8" CMTD
W/75 SKS PREMIUM PLUS MIDCON + 3% CC
+ 1/4#/SK FLOCELE. TAILED IN W/100 SKS
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

FROM CONFIDENTIAL

FORMATION

DEPTH

SURFACE HOLE
RED BED
GLORIETTA
RED BED
RED BED & SHALE
RED BED
LIMESTONE

0 - 589
589 - 1135
1135 - 1255
1255 - 2445
2445 - 2745
2745 - 3290
3290 - 3400 RTD

KCC
DEC 10
CONFIDENTIAL

1997 JUN 14 P 1:08
KANSAS STATE ARCHIVES

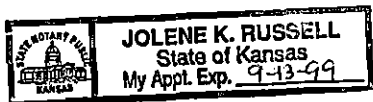
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 10TH DAY OF SEPTEMBER, 1996.



JOLENE K. RUSSELL

NOTARY PUBLIC



HALLIBURTON

SUMMARY

HALLIBURTON LOCATION

LIBERAL, MS

BILLED ON TICKET NO.

106022

CONFIDENTIAL

WELL DATA

FIELD: _____ SEC: _____ TWP: 32S RNG: 41W COUNTY: MORTON STATE: MS

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: 2725'

BOTTOM HOLE TEMP: _____ PRESSURE: _____

MISC. DATA: _____ TOTAL DEPTH: _____

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB./GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____

NE AGENT TYPE _____ GAL. _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____

GELLING AGENT TYPE _____ GAL.-LB. _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____

BREAKER TYPE _____ GAL.-LB. _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10/18/96 TIME 02:00	DATE 10/18/96 TIME 07:30	DATE 10/18/96 TIME 08:30	DATE 10/18/96 TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
DAVID BACON D7366	PMU 94453	DUNCAN, OR
JOHN KLOFT 85257	RCM	SPECIAL SERVICE DUNCAN, OR
SEAN HELL H3709	PMU 94453	SPECIAL SERVICE DUNCAN, OR
DALLAS CORREZ RG	BULK 4115-7649	OIT HUGOTON, KS

DEPARTMENT: CEMENT 6001

DESCRIPTION OF JOB: SQUEEZE PERFS

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE: X [Signature]

HALLIBURTON OPERATOR: DAVID BACON

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	25	PREM (H)	S.W.	B	.6% HALAS 322	1.06	16.4

PRESSURES IN PSI

SUMMARY

VOLUMES

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

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 12.5

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. 4.7

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

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

REMARKS

SEE JOB LOG

FIELD OFFICE

CUSTOMER: ALABAMA TUBULAR CURP
LEASE: VILEY
WELL NO.:
JOB TYPE: VILEY

JOB LOG HAL-2013-C

 CUSTOMER **Hankoko Petro Corp** WELL NO. **#1** LEASE **Riley "F"** JOB TYPE **Squeeze** TICKET NO. **106022**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	07:00							Call Out ORIGINAL
	07:50							On Location ORIGINAL
	08:00							Safety Meeting
	08:30	5	50				500	Load Backside
	08:53	2.5	18 1/2				250	Load Tubing & Set Injection Rate
	09:11	2.0	4.7					Mix Cement @ 16.4 gal/gal & Pump
	09:15							Shut Down: Wash Lines
	09:18	2.5	12 1/2				800	Start Displacement
	09:38							Shut Down
	09:43	1.5	1.5				900	Pressure Up Tubing
	09:44							Shut Down
	09:53							Release PSI 1/2 bbl back
	10:01						900	Pressure up tubing
	10:08	2.5	20				280	Reverse Out / Lay down 1 Joint
	10:25						900	Pressure up tubing & Shut down line

RELEASED
SEP 25 1996
FROM CONFIDENTIAL

Thank You
 Danny - John - Sean Dallas



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Continent
Liberal KS

BILLED ON TICKET NO. 920521

REC

WELL DATA

FIELD _____ SEC 7 TWP 32S RNG 4W COUNTY Morton STATE KS

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

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

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

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

CONFIDENTIAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-7-96</u>	DATE <u>9-7-96</u>	DATE <u>9-7-96</u>	DATE <u>9-7-96</u>
TIME <u>0750</u>	TIME <u>0650</u>	TIME <u>1054</u>	TIME <u>1200</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

DEC 1 0
CONFIDENTIAL

DEPARTMENT Cement

DESCRIPTION OF JOB set oil string

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X. O. J. A. Webb

HALLIBURTON OPERATOR Tom Poyner COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	150	Midcon 223(P)		13	3800, 1/4 3/4 floccle	3.22	11.1
	110	" "		8	3800, 1/4 3/4 floccle	2.01	12.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH (BBL-GAL) 8 + 10 TYPE H₂O + Super Flow

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

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL (BBL-GAL) 78 1/4

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY (BBL-GAL) 86 + 59

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 43 REASON Stag Joint

FIELD OFFICE

CUSTOMER: APG
LEASE: Riley F-1
WELL NO: #
JOB TYPE: 035
DATE: 1-1-96



JOB LOG HAL-2013-C

9-7-96

CUSTOMER APC	WELL NO. #1	LEASE Riley F	JOB TYPE 035	TICKET NO. 920521
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0400							Called out - Requested "now"
	0650							ON Location - Delivery 5/2 csq
	0845							Safety Meeting Run Csq @ 5/2 ¹⁵¹⁵
	1030							On Bottom @ 78 Jts - 3330
	1035							Hk to circ.
	1052							Hook to cmt
								DEC 10
	1054	0-3	8		✓		0/250	Pump H ₂ O
	1057	3	10		✓			Pump Si. Flush
	1100	3-6	8		✓			Pump DEAD H ₂ O
	1103	6-	86		✓		250/320	Pump Lead
	112	6	39		✓		100	Pump Tail
	1124	6-0					100	Shut down - Drop plug - wash up
	1131	0-6	78		✓		0/150	Pump Displ.
	1140	6-2 1/2			✓		750/850	Reduce RATE
	1143	2 1/2-0			✓		055/1200	Plug DOWN
					✓		1200/0	RELEASE PRESS. - Float "hold"
								Cement to Surface
								Approx 70 bbls or 20 sks
								Thank you
								Tom [Signature]
								RELEASED
								SEP 25 1998
								FROM CONFIDENTIAL



HALLIBURTON JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION
MID-CONTINENT
LIBERAL, KS

BILLED ON TICKET NO. **KCC 106005**

FIELD _____ SEC. **7** TWP. **32S** RNG. **41W** COUNTY **MORTON** STATE **KS**

WELL DATA

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 _____

CONFIDENTIAL

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR INSERT 8 3/8	1	
FLOAT SHOE FELLUP 8 3/8	1	
GUIDE SHOE TEXAS PAT. 8 3/8	1	
CENTRALIZERS 8 3/8	3	
BOTTOM PLUG		
TOP PLUG 5W 8 3/8	1	
HEAD P.C. 8 3/8	1	
PACKER BASKET 8 3/8	1	
OTHER WELA-A	1	

HOUCO

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. IN

BREAKER TYPE _____ GAL.-LB. IN

BLOCKING AGENT TYPE _____ GAL.-LB.

PERFPAC BALLS TYPE _____ QTY.

OTHER _____

OTHER _____

RELEASED
SEP 25 1996

FROM CONFIDENTIAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9/3/96	DATE 9/3/96	DATE 9/3/96	DATE 9/3/96
TIME 8:30	TIME 10:00	TIME	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
DANNY BACON D9366	94453	DUNCAN, OK
JOHN KLOFT 85257	52276	SPECIAL SERVICES DUNCAN, OK
DALLAS CORPENING 82728	7131	SPECIAL SERVICES HUGOTON, KS
JEAN HELL H3909	4115 75237	SOUTH AFRICA

DEPARTMENT **5001**

DESCRIPTION OF JOB **8 3/8 SURFACE**

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE **X O.J. Stubb**

HALLIBURTON OPERATOR **DANNY BACON**

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	75	H MEDCON	S.W.	B	3% CC, 1/4" FLOCELE	3.22	11.1
	100	PREM PLUS	S.W.	B	2% CC, 1/4" FLOCELE	1.32	14.8

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. **35**

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL.-GAL. **1.C.43 T.C.23**

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. **66**

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET **42** REASON **SHOE JOINT**

SEE JOB LOG

FIELD OFFICE

CUSTOMER **AMARCO PETROLEUM CORP**

LEADER **KILEY**

JOB TYPE **8 3/8 SURFACE**

DATE **11/1/96**



JOB LOG HAL-2013-C

CUSTOMER: Anadarko Petro Corp WELL NO: #1 LEASE: Riley "F" JOB TYPE: Surface TICKET NO: 106005

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS, PRESSURE (PSI) TUBING, CASING, DESCRIPTION OF OPERATION AND MATERIALS. Includes entries for 13:30, 16:00, 16:30, 19:10, 19:20, 19:25, 19:34, 19:42, 19:43, 19:56 and various operations like 'CALLED OUT ORIGINAL', 'SAFETY MEETING', 'CIRCULETING WITH REG', 'DROP PLUG START DISPLACEMENT', 'LAND PLUG', 'RELEASE FLOAT / FLOAT HELD'.