

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 ENERGY SERVICES

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: _____

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. _____

9-19-97 9-29-97 10-29-97
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21665-0000

County SEWARD

 - - NW - SE Sec. 27 Twp. 33 Rge. 34 E W

1980 Feet from (circle one) Line of Section

1980 Feet from (circle one) Line of Section

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

Lease Name SCHMITT "A" Well # 4

Field Name SHUCK

Producing Formation CHESTER

Elevation: Ground 2928.0 KB _____

Total Depth 6500 PBDT 6362

Amount of Surface Pipe Set and Cemented at 1690 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 AH. L. 5-5-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 1100 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite: _____

Operator Name _____

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, 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.

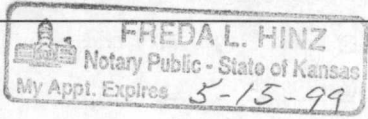
Signature L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 1-8-98

Subscribed and sworn to before me this 8th day of January 19 98.

Notary Public Freda L. Hinz

Date Commission Expires _____



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)
JAN 9 1998

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SCHMITT "A" Well # 4

Sec. 27 Twp. 33 Rge. 34 East West County SEWARD

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: SBT-CCL-GR, DIL, ML, CNL-LDT, BHC SONIC.

DST REPORT ATTACHED.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2640	
COUNCIL GROVE	2982	
HEEBNER	4258	
TORONTO	4296	
LANSING	4410	
MARMATON	5092	
CHEROKEE	5324	
MORROW	5712	
CHESTER	5996	
STE. GENEVIEVE	6328	
ST. LOUIS	6382	

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
SURFACE	12-1/4"	8-5/8"	23.0	1690	P+ MIDCON 2/ P+	340/100	3%CC, %SK FLC/ 2%CC, %SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6419	65/35 POZ/ 50/50 POZ.	50/200	6% GEL, %SK FLC/ 1%CC, .75% HALAD-322, 10% SALT, %SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	
	2	6286-6320, 6273-6278.		ACID: 1800 GAL 7% HCL.
			FRAC: 28000 GAL FOAMED GEL & 77356# 20/40	6273-6320 (OA)
			SD.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	6250		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 11-26-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	257	0		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval 6273-6320 (OA)
 Other (Specify) _____

TRILOBITE TESTING L.L.C.

15-175-21665

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

ORIGINAL

Nº 10269

Well Name & No. Schmidt #A-4 Test No. #1 Date 9-28-97
 Company Anadarko Pet. Corp. Zone Tested Basal Chester
 Address Liberal Ks. Elevation 2937 KB 2928 GL
 Dr. Rep / Geo. JR. Stuck Cont. Big A Drilling Est. Ft. of Pay ? Por. %
 Location: Sec. 27 Twp. 33S Rge. 34W Co. Seward State Ks.
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 6273-6330 Initial Str Wt./Lbs. 100,000 Unseated Str Wt./Lbs. 103,000
 Tool Joint Length 57' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 125,000
 Packer Depth 6268 Tool Weight 1,800
 Form Packer Depth 6273 Hole Size — 7 7/8" X Rubber Size — 6 3/4" X
 Depth 6330 Wt. Pipe Run Drill Collar Run 610'
 Wt. 9.0 LCM 6 Vis. 45 WL 8.8 Drill Pipe Size 4 1/2 X-0 Ft. Run 5685
 Description Strong Blow B.O.B. in 30 sec. GTS 6 min (MCF @ 101,000)
SE Bled off 2 in NO Blow Back
Prod. opening Strong blow B.O.B. soon as open Tool.
SE Bled off 2 in NO Blow Back.

Interval — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>15</u>	Feet Of <u>Only mud</u>	%gas	%oil
	Feet Of	%gas	%oil
	Feet Of	%gas	%oil
	Feet Of	%gas	%oil
	Feet Of	%gas	%oil

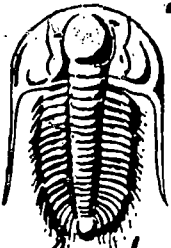
133 °F Gravity °API D@ °F Corrected Gravity °API
 @ °F Chlorides ppm Recovery Chlorides 1,250 ppm System

Initial Hydrostatic Mud 3143 3219 PSI Recorder No. 2359 T-Started 5:00 AM
 First Initial Flow Pressure 415 462 PSI (depth) 6276 T-Open 8:41 AM
 First Final Flow Pressure 70 231 PSI Recorder No. 13278 T-Pulled 1:11 PM
 Initial Shut-in Pressure 1789 1788 PSI (depth) 6327 T-Out 5:00 PM
 Second Initial Flow Pressure 32 176 PSI Recorder No.
 Second Final Flow Pressure 30 176 PSI (depth)
 Final Shut-in Pressure 1760 1766 PSI Initial Opening 30 min Test Conventional
 Final Hydrostatic Mud 3016 2988 PSI Initial Shut-in 60 min Jars
Alpine AK-1 Final Flow 60 min Safety Joint
 Final Shut-in 120 min Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elect. Rec.
 Other

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Daniel Burk
 Representative

TOTAL PRICE \$



TRILOBITE TESTING L.L.C.

ORIGINAL

P.O. Box 362 • Hays, Kansas 67801 • (913) 625-4778

GAS VOLUME REPORT

Anadaska Pct. Corp.

Schmidt #A-4

OPERATOR

WELL NAME AND NO.

#1

DST NO.

GAS TO Surface in 6min

2nd. opening

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
10	8	1/2	101	5	7	1/2	99.5
15	7	1/2	94.5	10	5	1/2	78.1
20	6	1/2	86.3	15	2	1/2	47.7
25	5	1/2	78.1	20	5	1/4	20.7
30	4.5	1/2	73.6	30	5	1/4	20.7
				40	5	1/4	20.7
				50	5	1/4	20.7
				60	5	1/4	20.7

RECEIVED
STATE OF KANSAS COMMISSION

JAN 9 1998

CONSERVATION DIVISION

Remarks:

GAS WILL BURN.



JOB SUMMARY 4239-1

TICKET #	231757	TICKET DATE	9-20-97
BDA / STATE	OKC	COUNTY	SEWARD
PSL DEPARTMENT	CEMENT 5001		
CUSTOMER REP / PHONE	JR STUCK		
API / UWI #	175-216650000		
JOB PURPOSE CODE	010		

REGION	North America	NWA/COUNTRY	MID CONTINENT USA
MBU ID / EMP #	LT 0105 G2098	EMPLOYEE NAME	JASON NICHOLAS
LOCATION	LIBERAL KS	COMPANY	AWADARCO PETROLUM
TICKET AMOUNT		WELL TYPE	01
WELL LOCATION	N LIBERAL	DEPARTMENT	CEMENT 5001
LEASE / WELL #	Schmitt A-4	SEC / TWP / RNG	27-335-34W

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
JASON NICHOLAS G2098		SAM GRANT					
MELVIN FOX ED473							
JEFF POST G9775							
BOB TAYLOR J1837							

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	9-20-97	9-20-97	9-20-97	9-20-97
TIME	1030	1230	1515	1640

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar TUBSET VALVE	1	
Float Shoe FIN ASSEMBLY	1	HOWCO
Guide Shoe	1	
Centralizers	4	
Bottom Plug		
Top Plug	1	
Head		
Packer CEMENT BRACKET	1	
Other UEL	1	

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing NEW	23	8.625	KB	1694	
Liner					
Liner					
Tbg/D.P.					
Tbg/D.P.					
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				8 3/8 SURFACE
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED _____ Avail. _____ Used _____

AVERAGE RATES IN BPM

TREATED _____ Disp. _____ Overall _____

CEMENT LEFT IN PIPE

FEET 47.00 Reason SHOE JOINT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	310	MIXED PT	B	3% CC V FLOCC/E	2.77	11.1
	100	PT	B	7% CC V FLOCC/E	1.32	14.8

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal 106
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI 195	73.5
		Total Volume Gal - BBI _____	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____

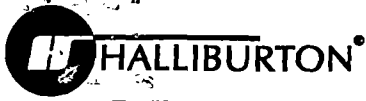
REGION North America		NWA/COUNTRY USA	TICKET # 231796	TICKET DATE
MBU ID / EMP # 17	EMPLOYEE NAME D. Williams	BDA / STATE OK	COUNTY	
LOCATION L. H. H. K.	COMPANY Halliburton	PSL DEPARTMENT	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE DI	API / UWI #	JOB PURPOSE CODE	
WELL LOCATION N. S. LEASE	DEPARTMENT General	SEC / TWP / RNG 17-35-31W		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1030							CALLED OUT ON LOCATION
	1525							HOOK UP TO RIG TO CIRCULATE
	1538	6.3	171.98		✓	50/115		PUMP LEAD CEMENT 340 SKS 3% CC, 4# FLOCELE 11.1# / gal
	1608	4.7	23.5		✓	15/100		PUMP TAIL CEMENT 100 SKS 2% CC 4# FLOCELE 14.8# / gal
	1613							SHUT DOWN - DROP PLUG - H ₂ O
	1615	4.8	96		✓	2/100		PUMP DISPLACEMENT
	1635	2	10		✓	20/100		SLOW DOWN
	1640							PLUG LANDED
								* CIRCULATED 12 BBLs OF CEMENT TO PIT. ✓

THANK YOU FOR CALLING HALLIBURTON
NICHOLS, FOX, TOMLINSON, TROTT, GRANT.



JOB SUMMARY 4239-1

TICKET #	234912	TICKET DATE	9-30-97
REGION	North America	NW/COUNTRY	Mid Continent
BDA / STATE	KS	COUNTY	Seward
MBLD / EMP #	L10101 63601	EMPLOYEE NAME	D. McLane
PSL DEPARTMENT	Cement	COMPANY	Anadarko Petroleum
LOCATION	Liberal	CUSTOMER REP / PHONE	
TICKET AMOUNT		WELL TYPE	01
API / UWI #		DEPARTMENT	Cement
WELL LOCATION	Land	JOB PURPOSE CODE	035
LEASE / WELL #	Schmitt A-4	SEC / TWP / RNG	27 33S 34W

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
E McDonald H9285			
J Frost 69775			

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420045	30						
52947-75496	30						
51984-77031	62						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar Inset 1 5/8	1	H
Float Shoe		
Guide Shoe Reg 5 1/2	1	O
Centralizers 5 1/2	14	
Bottom Plug		W
Top Plug SW 5 1/2	1	
Head P/C 5 1/2	1	C
Packer		
Other		O

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
9-30-97	0930	9-30-97	9-30-97	9-30-97
TIME		1100	1953	2045

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	KB	6419	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				See Job Log
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED _____ Avail. _____ Used _____
AVERAGE RATES IN BPM
 TREATED _____ Disp. _____ Overall _____
CEMENT LEFT IN PIPE
 FEET 42.30 Reason Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	75	HLC Pt	B	1/4 #/sk Flocc	2.06	12.3
	200	50/50 Pac	B	1 1/2 CC 10% Salt 2500 Galad-322 1/4 #/sk Flocc	1.28	14.4
				STATE CO		

Circulating _____ Displacement _____ Preflush: Gal - 8-10-8 Type H₂O Super Flush
 Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBI Pad: BBI - Gal
 Average _____ Frac Gradient _____ Treatment Gal - BBI Disp: BBI Gal 152
 Shut In: Instant - 5 Min 15 Min Cement Slurr Gal - 6.18 T.C. 45 KHEPH 5
 Total Volume Gal - BBI

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER REPRESENTATIVE SIGNATURE
 Steve Kidenour



JOB LOG 4239-5

TICKET #	TICKET DATE
204116	1/9/90
BDA / STATE	COUNTY
Ks	2011
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
DEPARTMENT	JOB PURPOSE CODE
Cement	033
SEC / TWP / RNG	
37 233 34W	

REGION	NWA/COUNTRY
North America	USA - Oklahoma
MBU ID / EMP #	EMPLOYEE NAME
17 1111 03001	D. Williams
LOCATION	COMPANY
2011	Halliburton
TICKET AMOUNT	WELL TYPE
	C1
WELL LOCATION	DEPARTMENT
2011	Cement
LEASE / WELL #	SEC / TWP / RNG
2011 H 14	37 233 34W

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
C. Williams 1125			
D. Williams 1175			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0930							Called for Job
	1330							Job Ready
	1100							On Job Rig - Laying Down D.P. Set up pump Truck
	1150							D.P. out of hole
	1515							Start Csg & Float Equip
	1830							Csg on Bottom
	1832							Hook up P/C & Circulating Iron
	1838							Start Circulating
	1850	2	5	✓		0		Plug RH & MH ← 1st 25 S/S.
	1930							through Circulating
	1952							Hook up to Halliburton
								Job Procedure 5 1/2 Long String
	1953	6	8	✓		9/100		Start Fresh water
	1955	6	10	✓		100		Start Super Flush
	1958	6	8	✓		100		Start Fresh water
	2001		18	✓		100		Start Lead Cement @ 12.3#/gal
	2004		45	✓		100		Start Tail Cement @ 14.4#/gal
	2014							through mixing Cement
	2015							Shut Down / Release Plug
	2016							Wash up pumps & lines
	2018		152	✓		9/150		Start Displacement
	2035			✓		150/100		Caught Cement 117 Bbls out
				✓		150		max pressure before plug lands
	2045			✓		1500		Plug landed / Release float
								Float Held

Thank You For Calling Halliburton

Danny & Crew

RECEIVED
STATE CORPORATION COMMISSION

JAN 9 1990

CONCRETE DIVISION