

FORM MUST BE TYPED

ORIGINAL

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: TEXACO TRADING & TRANSPORTATION, INC.

Operator Contact Person: DAVID W. KAPPLF

Phone (316) 624-6253

Contractor: Name: DUKE DRILLING

License: 5929

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. _____

3-31-98 4-8-98 5-1-98
Spud Date Date Reached TD Completion Date

API No. 15- 175-21723-0000

County SEWARD

SE - NE - SW - NW Sec. 9 Twp. 33 Rge. 33 E W

1800 Feet from X (circle one) Line of Section

1100 Feet from W (circle one) Line of Section

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

Lease Name WINCHELL "A" Well # 3

Field Name EVALYN-CONDIT

Producing Formation CHESTER

Elevation: Ground 2803.8 KB _____

Total Depth 6350 PBDT 6160

Amount of Surface Pipe Set and Cemented at 1569 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 Att. 1, 6-30-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 1200 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.

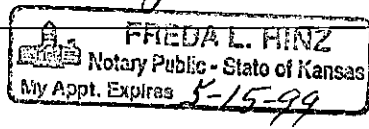
Signature L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 6-12-98

Subscribed and sworn to before me this 12th day of JUNE 1998.

Notary Public Freda L. Hinz

Date Commission Expires _____



K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
		Distribution
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name WINCHELL "A" Well # 3

Sec. 9 Twp. 33 Rge. 33 East County SEWARD
 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 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, MSFL, CNL-LDT.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2520	
COUNCIL GROVE	2892	
HEEBNER	4140	
TORONTO	4182	
LANSING	4302	
MARMATON	4958	
CHEROKEE	5165	
MORROW	5536	
CHESTER	5770	
STE. GENEVIEVE	6160	
ST. LOUIS	6350	

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	1569	P+ MIDCON 2/ P+.	305/100	3%CC, 1/4#SKFLC/ 2%CC, 1/4#SKFLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6349	P+ MIDCON 2/ 50/50 POZ.	145/215	2%CC, 1/4#SK FLC/ .75% HALAD 322, 10% SALT, 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 type="checkbox"/> Plug Off Zone				

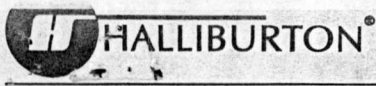
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	6242-6252, 6226-6236, CIBP @ 6160.	ACID: 1500 GAL 15% HCL.	6226-6252 (OA)
4	6020-6030	ACID: 2000 GAL 7 1/2% HCL.	6020-6030
		FRAC: 32550 GAL FMD GEL & 79000# 16/30 SD.	6020-6030

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	5982		

Date of First, Resumed Production, SWD or Inj. 5-4-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	106	100	0	.943	39

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 6020-6030



JOB SUMMARY 4239-1

TICKET #	233937	TICKET DATE	4-1-98
BDA / STATE	KS	COUNTY	Seward
PSL DEPARTMENT	Zonal Isolation		
CUSTOMER REP / PHONE	SAS CORP CONT		
API / UWI #	1410 UN 15 A 11-18		
JOB PURPOSE CODE	010		

REGION	North America	NWA/COUNTRY	Mid Continent
MBU ID / EMP #	11001 63601	EMPLOYEE NAME	D. McNamee
LOCATION	Liberal	COMPANY	Anadarko Petroleum
TICKET AMOUNT		WELL TYPE	01 Cement Surface
WELL LOCATION	Land	DEPARTMENT	Zonal Isolation
LEASE / WELL	Wichell A-3	SEC / TWP / RNG	9 33S 33W

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
B Tomlinson J1832			
C Archer 44061			
S. Tel. J. 114617			

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
38242	28						
52938-25058	28						

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

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	0250 98	0430 98	4-1-98	4-1-98
TIME	402300	404930	0947	1030

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar Inset 8 1/4	1	11
Float Shoe		
Guide Shoe Reg 8 1/8	1	0
Centralizers 8 1/8	4	
Bottom Plug		U
Top Plug 5.0 8 1/8	1	
Head PIC 8 1/8	1	C
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	23	8 1/8	1585	KB	
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	
				See Job Log
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED Avail. Used
AVERAGE RATES IN BPM
 TREATED Disp. Overall
CEMENT LEFT IN PIPE
 FEET 411.70 Reason Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	305	MidCon Pt	B	3% CC 1/4" 5/16" Silicate	322	11.1
	100	Wacko Plus	B	2% CC 1/4" 5/16" Silicate	132	14.5

Circulating _____ Displacement _____ Preflush: Gal - BBI _____ Type H₂O _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBI _____ Pad: BBI - Gal _____
 Average _____ Frac Gradient _____ Treatment Gal - BBI _____ Disp: BBI Gal 996
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal - BBI 175 T.C. 23.5
 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 *D.J. Stuck*

TICKET #	233937	TICKET DATE	2-1-98
BDA / STATE	KS	COUNTY	Sevier
PSL DEPARTMENT	Zone 1 Isolation	CUSTOMER REP / PHONE	
DEPARTMENT	Zone 1 Isolation	JOB PURPOSE CODE	010

REGION	North America	NWA/COUNTRY	Mid Continent
MBU ID / EMP #	LT0101 63601	EMPLOYEE NAME	D. McPars
LOCATION	Liberal	COMPANY	Headwaters Petroleum
TICKET AMOUNT		WELL TYPE	9-335
WELL LOCATION	Winchell	DEPARTMENT	Zone 1 Isolation
LEASE / WELL #	A-3	SEC7 TWP / RNG	33W

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	B Tomlinson 1232	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS		HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS		HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	
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ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0630							Job Ready
	0750							Called for Job
	0830							on location Rig still Drlg set up
	0859							pump truck
	0900							Rig thru Drlg
	0943							op Bottom Circulating
	0930							start tripping out OBR
	0900							Rig up Co Crew
	0915							start Running Csg & float Equip
	0925							Co on Bottom
	0928							Hook up PIC & Circulating
	0939							start Circulating
	0940							then Circulating
								Hook up to pump truck
	0942	6	5			9/150		Job Procedure 8 3/8 Surface
	0943	6	175			150		start Fresh water
	1015	6	23.5			100		start Lead Cement
	1018							start Tail Cement
	1019							thru mixing Cement
	1021	6	99.6			9/100		shut Down P Release Plug
	1026	6				10/100		start Displacement
	1027	3				25/100		Displacement Caught
	1030					300/1000		slow Down Rate
								Plug Landed
								Release float
								float Not Holding
								shut in head

Thank You For Calling Halliburton
 Danny & Bryan & Crew

WELL NO. / EMP # 210116	EMPLOYEE NAME Nick Korbe	STATE / ZONE KS	COUNTY Seward
LOCATION Liberal	COMPANY A.P.C.	PSL DEPARTMENT 5001	CUSTOMER REP / PHONE Steve Ridenhauer
TICKET AMOUNT # 14767.16	WELL TYPE 01	API / UWI #	JOB PURPOSE CODE C 35
WELL LOCATION 10 1/2 N Liberal	DEPARTMENT 5001	RECEIVED ANSAS CORP COMM	
LEASE / WELL # Wischell A-3	SEC / TWP / RANG 9-33S-33W	1000	

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)
N. Korbe H3115			
S. Raines H3377			
G. Humphries H9692			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tog	Cog	
	2100							called out
	0030							on base
								Hold safety on ty
								rig up to ks
								rigging down D.P.
								start F.E.
	0615							Breakcirc
								Plug A.H. & M.H. 255ks
	0700	7	0			300		start Preflush #1 wtr 30bbl
	0706	7	30/0			200		" " #2. super-Plush 10661
	0708	7	10/0			300		" " #3 wtr 8bbl
	0709	7	3/0			300		start L.cmt
	0718	7	52/0			200		start T.cmt
	0720		45			150		end cmt
	0732							release plug
	0730	7	0			0		start disp
	0754	2	150			500		Bump Plug
	0755					3000		prek csq
								rel. pres.
								float held
								rack up Tks
								wash up Tks
								Job complete
								Thank you
								Nick, Sterling, Garry