

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

API NO. 15- 175-21635 - 0000

County SEWARD

90' N OF _____ E

C - NW - NW - SW Sec. 34 Twp. 33 Rge. 34 X W

2400 Feet from X(S) (circle one) Line of Section

330 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 CROW "A" Well # 3

Field Name SHUCK

Producing Formation NONE

Elevation: Ground 2920.5 KB _____

Total Depth 6500 PBDT 0

Amount of Surface Pipe Set and Cemented at 1698 Feet

Multiple Stage Cementing Collar Used? _____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D+A, 3-31-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 1500 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. _____

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: _____

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

_____ Gas _____ ENHR _____ SIGW

X 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. _____

6-23-97 7-2-97 7-3-97

Spud Date Date Reached TD Completion Date

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

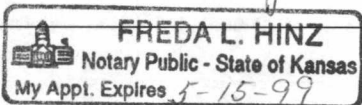
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 8-4-97

Subscribed and sworn to before me this 4th day of August 19 97.

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)

SIDE TWO

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

Sec. 34 Twp. 33 Rge. 34 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: DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2602	
COUNCIL GROVE	2929	
HEEBNER	4246	
TORONTO	4265	
LANSING	4370	
MARMATON	5081	
CHEROKEE	5322	
MORROW	5720	
CHESTER	6009	
STE. GENEVIEVE	6388	
ST. LOUIS	6436	

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	1698	P+ MIDCON 2/ P+	375/160	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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	

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

Date of First, Resumed Production, SWD or Inj. D+A Producing Method Flowing Pumping Gas Lift Other (Explain)

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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

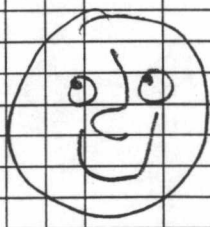
Production Interval: _____ NONE _____

TICKET #	235444	TICKET DATE	6-24-97
BDA / STATE	Ks	COUNTY	SENECA
PSL DEPARTMENT	OJ. STUCK - JERRY KOSKI		
CUSTOMER REP / PHONE	API / UWI #		
JOB PURPOSE CODE	01 ORIGINAL		

REGION	North America	NWA/COUNTRY	INDIA
AMBU ID / EMP #		EMPLOYEE NAME	T. BRADY
LOCATION	24-1	COMPANY	AMERIK PT CORP
TICKET AMOUNT		WELL TYPE	02
WELL LOCATION		DEPARTMENT	CEMENT
LEASE / WELL	LAND	SEC / TWP/RNG	34 555-2411

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
T. BRADY	4:120	J. WALKER-STICK	93317	G. HUNTER	11772		

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0700							CALLED - READY NOW
	0700							ON HOCT - DRILLING
	1345							START RUNNING CSG.
	1505							HOOK UP CEMENT HEAD
	1508							CIRCULATION TO PIT - SAFETY MEETING
	1516							HOOK UP TO CMT LINE
	1518					500		PRESSURE TEST LINES
	1521	5.8	192					START LEAD CMT 11.1"/GAL
	1554	5.8	23.5			260		START TAIL CMT 14.8"/GAL
	1558	0	0			170		SHUT OFF - DROP PLUG
	1600	6.5	104			480		START DISPLACEMENT H ₂ O
	1616	1	2			710		SLOW RATE - 706 TOTAL BBL
	1618		0					PLUG LANDED - FLOAT HELD
								Job OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL KS.
								HAVE A GOOD DAY
								BROADFOOT - Poyer - HORNPHRIES - WALKINGSTICK
								20 BBL CMT PIT - 35 SKS.



RECEIVED
 6/24/97
 11:20 AM
 SCS
 11:20 AM

REGION **North America** NWA/COUNTRY _____
 MBU ID / EMP # **L10102** EMPLOYEE NAME **59179 Dennis Crow** PSL DEPARTMENT **5001**
 LOCATION **L10102 Ks 23640** COMPANY **Amstar Petroleum** CUSTOMER REP / PHONE _____
 TICKET AMOUNT _____ WELL TYPE **01** API / UWI # _____
 WELL LOCATION **WJWoe L10102 Ks** DEPARTMENT **5001 Cement** JOB PURPOSE CODE **115 PTA**
 LEASE / WELL # **A3 CROW** SEC / TWP / RNG **34 / 33 S / 34 W**

ORIGINAL

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
D. Crow 59179	C. Aslay 44061		
C. Aslay 09259			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420041	36	51984 - 77031	25				
53982	7202						

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
	7-3	7-3	7-3	7-3
TIME	0900	1230	1730	1900

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	02	214	8 7/8	GL	1698	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole			7 7/8	1698		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	
				Plug To Abandon
TOTAL		TOTAL		

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	235	102 40/40 H	69 Gal		1.64	13.7

Circulating _____ Displacement _____ Preflush: **Gal - BBI 10 Alternative Water + 2 Reg**
 Breakdown _____ Maximum _____ Load & Bkdn: **Gal - BBI** Pad: **BBI - Gal**
 Average _____ Frac Gradient _____ Treatment **Gal - BBI** Disp: **BBI - Gal 30.3**
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr **Gal - BBI 68.63** **17.3**
 Total Volume **Gal - BBI** **2.2**

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
 THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE *[Signature]*

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 MANSAS TOPS
 1997 AUG - 6 P 11:20



JOB LOG 4239-5

TICKET #	235902	TICKET DATE	7-3-97
BDA / STATE	Ks	COUNTY	Sevier
PSL DEPARTMENT	501	ORIGINAL	
CUSTOMER REP / PHONE			
API / UWI #			
WELL LOCATION	301 Cement	DEPARTMENT	
LEASE / WELL #	341532124	SEC / TWP / RNG	115 PTK

REGION	North America	NWA/COUNTRY	
MBU ID / EMP #	L20102	EMPLOYEE NAME	Sam / [unclear]
LOCATION	Linn Co 240	COMPANY	American Petroleum
TICKET AMOUNT		WELL TYPE	31
WELL LOCATION	10th Street E	DEPARTMENT	301 Cement
LEASE / WELL #	23	SEC / TWP / RNG	341532124

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

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0900							Time Called
	1300							Time Ready
	1230							Time outed.
	1330							P-Box DP in Hole + Cure
	1500							Start Lay Down DP
	1530							1 1/8" Hookup to line The Hole w/ P-Box
	1535							Hookup to DP AT 29' w 100' P-Box
	1537	10						Start Water Ahead
	1543	29.2						Start Cement
	1545	3.5						Start Spacer w/ Mud
	1550	30						Start Displacement w/ Mud
	1628							2 1/8" Hookup to DP AT 1710' w 50' P-Box
	1631							Start Water Ahead
	1633	10						Start Cement
	1636	15						Start Spacer
	1637	3.						Start Displacement w/ Mud
	1640	17.3						Start Displacement w/ Mud
	1707							3 1/8" Hookup to DP AT 1710' w 50' P-Box
	1712							Start Water Ahead
	1714	10						Start Cement
	1717	15						Start Spacer
	1718	3						Start Displacement w/ Mud
	1720	3.5						Start Displacement w/ Mud
								Shut Down Borehole
								Right Lay Down Gate Mouse Hole
	1835							1 1/8" 0-30' w 10' P-Box Hookup to Pump Truck
	1845							Start Cement
	1847							Complete Cement To Ground Level
	1945							10' SE Mouse Hole
	1850							15' SE Gate Hole
	1900							Frank w/ log

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 KANSAS CORP CONM
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Thanks From Logging
 Halliburton
 Energy