

15-175-21592-0000
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 ENERGY SERVICE

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: CURTIS COVEY

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 _____ PBD

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

1-24-97 2-2-97 3-5-97

Spud Date Date Reached TD Completion Date

API NO. 15- 175-21592 - 0000

County SEWARD

C - SW - SE Sec. 23 Twp. 33 Rge. 34 X E W

660 Feet from X (circle one) Line of Section

1980 Feet from E X (circle one) Line of Section

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

Lease Name MAXWELL "B" Well # 2

Field Name SHUCK

Producing Formation MORROW

Elevation: Ground 2873.1 KB _____

Total Depth 6400 PBD 6027

Amount of Surface Pipe Set and Cemented at 1667 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 9-2-97
(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 Rge. _____ E/W

County _____ Docket No. _____

RECEIVED
KANSAS CORP COMM
MAY - 7 P M '97

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 5-5-97

Subscribed and sworn to before me this 5th day of May
19 97.

Notary Public Freda L. Hinz

Date Commission Expires _____

FREDA L. HINZ
Notary Public - State of Kansas
My Appt. Expires 5-15-99

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)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MAXWELL "B" Well # 2

Sec. 23 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: CBL-CCL-GR, DIL, ML, CNL-LDT, SONIC.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datums</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>CHASE</td> <td>2618</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2938</td> <td></td> </tr> <tr> <td>HEEBNER</td> <td>4240</td> <td></td> </tr> <tr> <td>TORONTO</td> <td>4274</td> <td></td> </tr> <tr> <td>LANSING</td> <td>4391</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>5090</td> <td></td> </tr> <tr> <td>MORROW</td> <td>5668</td> <td></td> </tr> <tr> <td>CHESTER</td> <td>5920</td> <td></td> </tr> <tr> <td>STE. GENEVIEVE</td> <td>6233</td> <td></td> </tr> <tr> <td>ST. LOUIS</td> <td>6302</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	Name	Top	Datum	CHASE	2618		COUNCIL GROVE	2938		HEEBNER	4240		TORONTO	4274		LANSING	4391		MARMATON	5090		MORROW	5668		CHESTER	5920		STE. GENEVIEVE	6233		ST. LOUIS	6302	
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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"	23.0	1667	P+ MIDCON 2/ P+	320/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6068	VERSASET	105	.6% HALAD 322, 5% KCL, .9% VERSASET, 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
3	5902-5915, 5887-5890.	ACID: 800 GAL 7 1/2% FeHCL.	5887-5915 (OA)
		FRAC: 24108 GAL FOAMED GEL & 48194#	5887-5915 (OA)
		16/30 SD.	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 3-12-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 7 Bbls.	Gas 4124 Mcf	Water 0 Bbls.	Gas-Oil Ratio	Gravity
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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 5887-5915 (OA)



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MID CONTINENT
LIBERAL KS.

BILLED ON TICKET NO. 185405

WELL DATA
FIELD SUCK SEC. 23 TWP. 335 RNG. 34W COUNTY SEWARD 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	N	23	8 5/8	KB + 1667	1687	1687
LINER						
TUBING						
OPEN HOLE			12 1/4	KB 1667		SHOTS/FT.
PERFORATIONS				ORIGINAL		
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
8 5/8		
FLOAT COLLAR <u>INSERT</u>	<u>1</u>	<u>N</u>
FLOAT SHOE <u>Fillup</u>	<u>1</u>	
GUIDE SHOE <u>REGULAR</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>S-4</u>	<u>4</u>	
BOTTOM PLUG		<u>W</u>
TOP PLUG <u>5W</u>	<u>1</u>	
HEAD <u>Howco WELD "A" 1LB</u>	<u>1</u>	<u>C</u>
PACKER <u>CMT BASKET</u>	<u>1</u>	
OTHER		<u>0</u>

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-25-97</u>	DATE <u>1-25-97</u>	DATE <u>1-25-97</u>	DATE <u>1-25-97</u>
TIME <u>0600</u>	TIME <u>0700</u>	TIME <u>1133</u>	TIME <u>1245</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. CRIST</u>	<u>420045</u>	<u>LIBERAL KS</u>
<u>T. BROADFOOT</u>	<u>52823</u>	<u>"</u>
<u>S. GRANT</u>	<u>52920</u>	<u>HUGOTAN KS</u>
<u>D. MORGAN</u>	<u>4461</u>	<u>KS</u>
<u>H9150</u>	<u>5742</u>	<u>KS</u>

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SAS CORP COMM

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API
DISPL. FLUID _____ DENSITY _____ LB/GAL. API
PROP. TYPE _____ SIZE _____ LB.
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. _____
PERFAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT CEMENT
DESCRIPTION OF JOB CEMENT 8 5/8 SURFACE CSG.
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE Joe Steen
HALLIBURTON OPERATOR ROD CRIST COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>320</u>	<u>midcon PREM PLUS</u>		<u>B</u>	<u>3% C.C. - 1/4 #/SK FLOCELE</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>100</u>	<u>PREM PLUS</u>		<u>B</u>	<u>2% C.C. 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 42 REASON SHOE ST.

SUMMARY

VOLUMES 5 TYPE H₂O
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 105.3
CEMENT SLURRY: BBL.-GAL. 184 - 23.5
TOTAL VOLUME: BBL.-GAL. _____
REMARKS M.S.A.S ON LocT
12 BBL CMT PIT 20 SKS

CUSTOMER: AMARCO PETR. CORP.
LEASE: May 11
WELL NO.: B-2
JOB TYPE: 010
DATE: 1-25-97

CUSTOMER Anadarko Pet WELL NO. B-2 LEASE Maxwell JOB TYPE 010 TICKET NO. 185405

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), and DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries for job operations and a large 'ORIGINAL' watermark.

Thanks for calling Halliburton Energy serv Ron, Tim, Stan & Danny

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JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATIONMid Cont
Liberal KsBILLED ON TICKET NO. 185532CUSTOMER: Amadario Filled Corp. Lease
WELL NO: B-2
JOB TYPE: 5 1/2" Prod Stg
DATE: 2-3-97

WELL DATA

FIELD _____ SEC. 23 TWP. 33S RNG. 34W COUNTY Seward STATE KsFORMATION 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		15.5	5 1/2	K13	6068	
LINER						
TUBING						
OPEN HOLE			7 7/8		6400	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-3-97</u>	DATE <u>2-3-97</u>	DATE <u>2-4-97</u>	DATE <u>2-4-97</u>
TIME <u>1500</u>	TIME <u>1800</u>	TIME <u>0010</u>	TIME <u>0230</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Dobier 59179</u>	<u>420041</u>	<u>Liberal Ks</u>
<u>Chay 09259</u>	<u>75051</u>	<u>" "</u>
<u>D'Sepening H2441</u>	<u>4037</u>	<u>Hugoton Ks</u>
	<u>6612</u>	

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KANSAS CORP
COMMDEPARTMENT: Cement
DESCRIPTION OF JOB: 5 1/2" Prod StgJOB DONE THRU: TUBING CASING ANNULUS TBG./ANN. CUSTOMER REPRESENTATIVE: X Job Site
HALLIBURTON OPERATOR: Dennis's Corp COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>105</u>	<u>Prem</u>	<u>VERSER</u>		<u>9% Verser, 6% Holad 322, 5% KCl, 1/4# Floce</u>	<u>1.41</u>	<u>14.5</u>
	<u>25</u>	<u>Prem</u>			<u>Pkg 10^{SE}/House Hole, 15^{SE}/Pat Hole</u>	<u>1.06</u>	<u>16.4</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 4353 REASON Shed joint

SUMMARY

PRESLUSH: BBL-GAL. 8 BBL/120 VOLUME BBL 10 Super Fluid 8 BBL/120
LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. _____
CEMENT SLURRY: BBL-GAL. _____
TOTAL VOLUME: BBL-GAL. _____

REMARKS

5 1/2" Prod Stg

JOB LOG FHL-2013-C

CUSTOMER **Anderson Petro Corp** WELL NO. **B-2** LEASE **Maxwell** JOB TYPE **5 1/2 Prod Steer** TICKET NO. **185532**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

	1500							Time Collected
	1800							Time on Loc
	1930							Time Ready

ORIGINAL

	2000							Start Pumping Casing
--	------	--	--	--	--	--	--	----------------------

	0010							Casing in Hole
--	------	--	--	--	--	--	--	----------------

	0010							Hook up to Circulate Casing
	0020							Circulate Casing w/ rotary pump
	0022							Circulate Mud to Ground level

	0130		3 1/2					Plug Part Hole w/ 15 ^{SE} Marse Hole 10 ^{SE}
--	------	--	-------	--	--	--	--	--

	0145							Hook up to Pump Truck
--	------	--	--	--	--	--	--	-----------------------

	0148	5	8					Start Spacer Ahead
	0149	/	10					Start Super Flush
	0150	/	8					Start Spacer Behind

1997 MAY - 7 P 2:15
 KANSAS CORPORATION
 FREEMONT
 WATER

	0153	5.4						Start Mixing Cement
	0158	/	26.36					Finish Mixing Cement
	0200							Shut Down

	0203	6						Start Displacement
--	------	---	--	--	--	--	--	--------------------

	0230							Plug Down
--	------	--	--	--	--	--	--	-----------

1480 / 1500
 Plug Down
 Start Hebl.
 Circulate Fluid Thru out
 The Job.

Thanks For Calling
 Halliburton
 Dennis Lee & Energy
 Crew