

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 129-21471-00-00

County MORTON

NW - NW - SE - NW Sec. 19 Twp. 34 Rge. 39 X W

1390 Feet from NX (circle one) Line of Section

1390 Feet from XW (circle one) Line of Section

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

Lease Name LITTELL "B" Well # 2H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3339.1 KB

Total Depth 3002 PBDT 2980

Amount of Surface Pipe Set and Cemented at 588 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 Alt 1, 3-20-98 v.c.
(Data must be collected from the Reserve Pt.)

Chloride content NA ppm Fluid volume 400 bbls

Dewatering method used NATURAL EVAPORATION

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: 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

X New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.

X 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. _____

11-25-96 11-28-96 1-6-97

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 David W. Kapple

DAVID W. KAPPLE

Title DIVISION DRILLING ENGINEER Date 2/11/97

Subscribed and sworn to before me this 11th day of February 19 97.

Notary Public Freda L. Hinz

Date Commission Expires _____

FREDA L. HINZ
Notary Public - State of Kansas
My App. 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)
RECEIVED
KANSAS CORP COMM
1-39
1997 FEB 14 10 51 AM

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LITTELL "B" Well # 2H

Sec. 19 Twp. 34 Rge. 39 [] East [x] West County MORTON

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 [x] No (Attach Additional Sheets.)
Samples Sent to Geological Survey [x] Yes [] No
Cores Taken [] Yes [x] No
Electric Log Run [x] Yes [] No (Submit Copy.)
List All E.Logs Run: CBL-GR.
Log Formation (Top), Depth and Datums [] Sample
Name Top Datum
GLORIETTA 1274-1446
B/CIMARRON ANHY. 1736
HERRINGTON 2544
KRIDER 2576
WINFIELD 2640
TOWANDA 2700

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with 8 columns: 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.

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

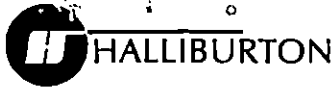
PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
2 2700-2716, 2640-2670, 2576-2608, 2616-2632. ACID: 3500 GAL 7-1/2% FeHCL. 2544-2716 (OA)
2 2544-2552. FRAC: 41700 GAL FOAMED KCL WTR & 115000# 2544-2670 (OA)
12/20 SD.

TUBING RECORD
Size Set At Packer At Liner Run [] Yes [x] No

Date of First, Resumed Production, SWD or Inj. FIRST 1-9-97
Producing Method [x] Flowing [] Pumping [] Gas Lift [] Other (Explain)

Estimated Production Per 24 Hours
Oil Bbls. Gas Mcf 603 Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: [] Vented [x] Sold [] Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION [] Open Hole [x] Perf. [] Dually Comp. [] Commingled [] Other (Specify)
Production Interval 2544-2716 (OA)



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MED CONT.
LIBERAL KS

BILLED ON TICKET NO. 107063

WELL DATA

FIELD _____ SEC. 19 TWP. 346 RING. 29U COUNTY McGON 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	24	8 5/8	12.0	589	
LINER						
TUBING						
OPEN HOLE			12 1/4 G/L		590	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-25-96</u>	DATE <u>11-25-96</u>	DATE <u>11-25-96</u>	DATE <u>11-25-96</u>
TIME <u>14:00</u>	TIME <u>16:45</u>	TIME <u>18:15</u>	TIME <u>18:42</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. ELWOOD</u>		
<u>D. McLAUG</u>		
<u>G. ORTEGA</u>		

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DEPARTMENT 5001 CMT
DESCRIPTION OF JOB 8 5/8 SURFACE

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

CUSTOMER REPRESENTATIVE X. Castillo

HALLIBURTON OPERATOR ROBERT ELWOOD COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>110</u>	<u>P+ MEDCON</u>		<u>B</u>	<u>3% C.C., 1/4 #/SK FLOCCEL</u>	<u>3.22</u>	<u>11.1</u>
	<u>100</u>	<u>Prem Plus</u>		<u>B</u>	<u>2% C.C., 1/4 #/SK FLOCCEL</u>	<u>1.34</u>	<u>14.8</u>

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. 63 + 24
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 40 REASON SHOE JOINT

CUSTOMER ADDRESS
LEASE
WELL NO. 2 H
JOB TYPE
DATE 11-25-96

CUSTOMER ANADARKO	WELL NO. 2H	LEASE LITTELL "B"	JOB TYPE 8 5/8 SURE	TICKET NO. 107063
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	14:00							CAIRO OUT READY 17:00
	16:45							ON LOC RIG CIRCULATING
	17:30							START CSG
	18:00							CSG ON BOTTOM ORIGINAL
	18:10							CIRCULATE WITH RIG
	18:15							HOOK TO HALLIBURTON
	18:18	7	63.08			125		START LEAD CMT @ 11.1 #/GAL
	18:27	4	23.8			80		START TAIL CMT @ 14.2 #/GAL
	18:33					0		SHOT DOWN
	18:34					0		PROP 5 WIPER TOP PLOG
	18:34	4.25	34.9			0		START H ₂ O DISP.
	18:42					200		PLOG DOWN
	18:43					325		RELEASE BACK FLOAT HOLDING
	19:15					0		Job Complete

THANK YOU FOR CALLING
 HALLIBURTON
 ROBERT E. DRUM

CMT CIRCULATED TO P.Y.
 12 BBLs
 21 SKS

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 1997 FEB 14 P 1:39



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid Cont
Liberal, KS

BILLED ON TICKET NO. 107291

WELL DATA

FIELD _____ SEC. 19 TWP. 34S RNG. 39W COUNTY Mocten 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		15.5	5 1/2	KB	3000	
LINER						
TUBING						
OPEN HOLE			7 7/8		3000	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-27	DATE 11-27	DATE 11-27	DATE 11-27
TIME 1230	TIME 1300	TIME 1740	TIME 1900

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLLOAT COLLAR <u>5K</u> <u>Tangent Float</u>	1	<u>Hawco</u>
FLLOAT SHOE <u>Fibber</u>	1	
GUIDE SHOE <u>1 Reg</u>	1	
CENTRALIZERS	21	
BOTTOM PLUG		
TOP PLUG	1	
HEAD	1	
PACKER		
OTHER		

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.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Oliver</u>	<u>420041</u>	<u>Liberal</u>
<u>Clay</u>	<u>52932/75251</u>	<u>"</u>
<u>S Hill</u>		
<u>G House</u>	<u>52924</u>	<u>Quinn</u>

DEPARTMENT Cement
DESCRIPTION OF JOB 5 1/2 Prod. String
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE D Castillo
HALLIBURTON OPERATOR Dennis Carr COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	170	<u>Midcon</u>	<u>Prem Plus</u>	<u>290CC</u>	<u>1/4 # Flocc</u>	3.22	11.1
	130	<u>Midcon</u>	<u>Prem Plus</u>	<u>290CC</u>	<u>1/4 # Flocc</u>	2.0	12.8

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 12 REASON Shoeclaw

SUMMARY

PRESLUSH: BBL.-GAL. 8 BBL / H2O VOLUME/STAGE 10 8 BBL / H2O
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 71.1
CEMENT SLURRY: BBL.-GAL. 3.79
TOTAL VOLUME: BBL.-GAL. _____

REMARKS
KANSAS CORP COMM
RECEIVED

CUSTOMER Anchorco Prod Corp LEASE LITELL WELL NO. 13 2 H JOB TYPE 5 1/2 Prod String DATE 11-27-96

CUSTOMER *Amadavka P. Lps* WELL NO. *2 H* LEASE *LITTELL* JOB TYPE *5 1/2 Prod. Sta.* TICKET NO. *107291*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							<i>Time ahead</i>
	1530							<i>Time Ready</i>
	1500							<i>Time out</i> ORIGINAL
	1630							<i>Start Pump Casing</i>
	1740							<i>Casing in Hole</i>
	1740							<i>Hook up to Create Casing</i>
	1750							<i>Create Casing w/ 1200 Pump</i>
	1752							<i>Create Mid To Ground Level</i>
	1810							<i>Hook up to Pump Truck</i>
	1815	5				400		<i>Start Water Ahead</i>
	1817		8			400		<i>Start Super Flush</i>
	1819		10			350		<i>Start water Behind</i>
			8					
	1821	6.8				300		<i>Start Mixing Cement</i>
	1836		97.49			250		<i>Start Tail Cement</i>
	1840		463			250		<i>Finish Mixing Cement</i>
	1841		43.79			250		<i>Slut Down</i>
								<i>Deep Plug</i>
	1845	6	71.1			70		<i>Start Displacement</i>
		4.1						<i>Slow Rate Down</i>
	1900					625 / 1100		<i>Plug Down</i>
								<i>Float Held</i>
								<i>Circulate a Trace of Cement To Ground Level</i>
								<i>Thanks For Calling</i>
								<i>Halliburton</i>
								<i>Dennis</i>
								<i>12/20/96</i>
								<i>RECEIVED KANSAS CORP COMM</i>
								<i>1997 FEB 14 P 1:39</i>