

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

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. KAPPLÉ

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S1OW 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. _____

9-1-98 9-9-98 9-30-98
Spud Date Date Reached TD Completion Date

API No. 15- 175-21751-00-00

County SEWARD

- C - NW - SE Sec. 4 Twp. 33 Rge. 32 X E W

1980 Feet from X (circle one) Line of Section

1980 Feet from B/X (circle one) Line of Section

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

Lease Name MILHON "B" Well # 3

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2794.2 KB _____

Total Depth 6150 PBDT 2658

Amount of Surface Pipe Set and Cemented at 1627 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 11-20-98 UC
(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 10-30-98

Subscribed and sworn to before me this 30th day of October 19 98.

Notary Public Freda L. Minz

Date Commission Expires _____

FREDA L. MINZ
Notary Public - State of Kansas
My Appl. 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)

Form ACO-1 (7-91)

X

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MILHON "B" Well # 3

Sec. 4 Twp. 33 Rge. 32 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: CBL-CCL-GR, DIL, CNL-LDT-ML.

Log Formation (Top), Depth and Datums Sample

| Name | Top | Datum |
|----------------|------|-------|
| CHASE | 2596 | |
| COUNCIL GROVE | 2929 | |
| HEEBNER | 4215 | |
| TORONTO | 4252 | |
| LANSING | 4370 | |
| MARMATON | 5024 | |
| CHEROKEE | 5206 | |
| MORROW | 5528 | |
| CHESTER | 5672 | |
| STE. GENEVIEVE | 5866 | |
| ST. LOUIS | 5950 | |

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 | 1627 | P+ MIDCON 2/ PREM PLUS | 300/100 | 3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC. |
| PRODUCTION | 7-7/8" | 5-1/2" | 15.5 | 2921 | MIDCON 2/ MIDCON 2. | 25/85 | 3%CC, 1/4#SK FLC/ 3%CC, 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 | 2596-2610', 2628-2644', 2664-2674'. CIBP @ 2658' | ACID: 1200 GAL 7% FEHCL. | 2596-2676 (OA) |
| | | FRAC: 14700 GAL FOAMED GEL & 34600# | 2596-2644 (OA) |
| | | 20/40 SD. | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---------------|--------|--------|-----------|---|
| | 2 3/8" | 2589 | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

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

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | 700 | | | |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____ Production Interval _____
 Other (Specify) _____ 2596-2644 (OA)



JOB SUMMARY 4239-1

ORIGINAL

TICKET # 384240
 TICKET DATE 9-2-98
 BDA / STATE KS
 COUNTY Sedgewick
 PSL DEPARTMENT Zone 1 Isolation
 CUSTOMER REP / PHONE
 API / UWI # 15-175-21751-0000
 JOB PURPOSE CODE 010

REGION North America
 NWA/COUNTRY Mid Continent
 MBU ID / EMP # M1101 C3601
 EMPLOYEE NAME O McNamee
 LOCATION Liberal
 COMPANY Anadarko Petroleum Corp
 TICKET AMOUNT
 WELL TYPE
 WELL LOCATION land
 DEPARTMENT Zone 1 Isolation
 LEASE / WELL # M1101 R-3
 SEC / TWP / RNG 4 23E 34W

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 |
|--|--|--|--|
| O McNamee C3601 | | | |
| B Tomlinson T1832 | | | |
| C Humphries H9692 | | | |
| B Humphries T5170 | | | |

| HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES |
|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| 470995 | 40 | | | | | | |
| 54032-77941 | 40 | | | | | | |
| 52927-75217 | 70 | | | | | | |
| 52934-6511 | 70 | | | | | | |

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 |
|--------|------------|-------------|-------------|---------------|
| 9-2-98 | 0600 | 0730 | 9-2-98 | 9-2-98 |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY | MAKE |
|---------------------------|-----|------|
| Float Collar Jacket 8 1/2 | 1 | H |
| Float Shoe | | |
| Guide Shoe 5 1/2 | 1 | O |
| Centralizers 8 1/2 | 1 | |
| Bottom Plug | | |
| Top Plug 5 1/2 | 1 | |
| Head 8 1/2 | 1 | C |
| Packer | | |
| Other Baret 8 1/2 | 1 | |

WELL DATA

| | NEW/USED | WEIGHT | SIZE | FROM | TO | MAX ALLOW |
|--------------|----------|--------|-------|------|----|-----------|
| Casing | 1 | 23 | 4 1/2 | 1642 | 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 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

HYDRAULIC HORSEPOWER

ORDERED Avail. Used

AVERAGE RATES IN BPM

TREATED Disp. Overall

CEMENT LEFT IN PIPE

FEET 15 Reason Shoe Joint

CEMENT DATA

| STAGE | SACKS | CEMENT | BULK/SKS | ADDITIVES | YIELD | LBS/GAL |
|-------|-------|-----------|----------|-----------------------|-------|---------|
| | 300 | P. M. L. | 8 | 3% CC 1/4 #/sk Starch | 3.22 | 11.1 |
| | 100 | Blue Plus | 8 | 2% CC 1/4 #/sk Starch | 1.32 | 14.8 |

Circulating _____ Displacement _____ Preflush: Gal - BBI 5 Type H₂O
 Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBI Pad: BBI - Gal
 Average _____ Frac Gradient _____ Treatment Gal - BBI Disp: BBI Gal 104
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal - BBI 172 TC 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
 [Signature]



JOB LOG 4239-5

TICKET # 384240
TICKET DATE 9-2-18

| | | | |
|----------------------------------|-------------------------------|-----------------------------------|------------------|
| REGION North America | NWA/COUNTRY Mid Continent | BDA / STATE KS | COUNTY Seward |
| MBU ID / EMP # 14617011 63601 | EMPLOYEE NAME D. Mc Lane | PSL DEPARTMENT Zonal Treatment | ORIGINAL |
| LOCATION Liberal | COMPANY Anderson Petroleum | CUSTOMER REP / PHONE | |
| TICKET AMOUNT | WELL TYPE 02 | API / UWI # 15-175-21751-0000 | |
| WELL LOCATION Land | DEPARTMENT Zonal Treatment | JOB PURPOSE CODE 0101 | |
| LEASE / WELL # M. Hanna L-3 | SEC / TWP / RNG 4-33S-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 |
|------------------------------------|-----|------------------------------------|-----|------------------------------------|-----|------------------------------------|-----|
| D. Mc Lane 63601 | | | | | | | |
| R. Thompson J1832 | | | | | | | |
| C. Humphreys H9192 | | | | | | | |
| R. Humphreys J1170 | | | | | | | |

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL)(GAL) | PUMPS | | PRESS. (psi) | | JOB DESCRIPTION / REMARKS |
|-----------|------|------------|-------------------|-------|---|--------------|-----|-------------------------------------|
| | | | | T | C | Tbg | Csg | |
| | 0600 | | | | | | | Job Ready Now |
| | 0600 | | | | | | | Called for Job |
| | 0730 | | | | | | | on location Rig Still Dets |
| | 0845 | | | | | | | Rig thru Dets on Bottom Circulating |
| | 0915 | | | | | | | Rig tripping out D.P |
| | 1021 | | | | | | | D.P out of hole |
| | 1025 | | | | | | | Rig up Csg crew |
| | 1051 | | | | | | | Start Running Csg & Float Equip. |
| | 1223 | | | | | | | Csg on Bottom |
| | 1227 | | | | | | | Hook up PIC & Circulating Iron |
| | 1231 | | | | | | | Start Circulating |
| | 1245 | | | | | | | thru Circulating |
| | 1247 | | | | | | | Hook up to Pump truck |
| | | | | | | | | Job Procedure 8 3/4 Surface |
| | 1230 | 6 | 5 | | | ✓ | 200 | Start Surf Water Ahead |
| | 1251 | 6 | 172 | | | ✓ | 200 | Start Lead Cement @ 11.1# |
| | 1321 | 6 | 23.5 | | | ✓ | 200 | Start Tail Cement @ 14.8# |
| | 1326 | | | | | | | thru mixing Cement |
| | 1328 | | | | | | | Shut Down / Release Plug |
| | 1329 | 6 | 104 | | | ✓ | 100 | Start Displacement |
| | 1343 | | | | | ✓ | 100 | Displacement Caught Cement |
| | 1349 | 3 | | | | ✓ | 100 | Slow Down Rate |
| | 1355 | | | | | ✓ | 200 | Plus Landred |

Circulated 30 Bbls to pit
52 Skts to pit

Thank You For Calling Halliburton
Dwayne A. Bryan & Crew

