

FORM MUST BE TYPED

*Amended*  
*12-7-2000*

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- 189-20326-00-01

County STEVENS

SE-SE-NW-NW Sec. 18 Twp. 33 Rge. 37  E  
 W

1250 Feet from X/N (circle one) Line of Section

1250 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 RATCLIFF "B" Well # 1

Field Name GENTZLER

Producing Formation L. MORROW

Elevation: Ground 3131 KB --

Total Depth 6606 PBD 6086

Amount of Surface Pipe Set and Cemented at 1695 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 *OWWO amendeds KPR 8/9/07*  
(Data must be collected from the Reserve Pit)  
NOT APPLICABLE

Chloride content          ppm Fluid volume          bbls

Dewatering method used         

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 ENERGY SERVICES

Operator Contact Person: SHAWN D. YOUNG

Phone (316) 624-6253

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: RATCLIFF B-1

Comp. Date 3-31-77 Old Total Depth 6606

Deepening  Re-perf.  Conv. to Inj.  
 Plug Back 6086 PBD  
 Commingled Docket No.           
 Dual Completion Docket No.           
 Other (SWD or Inj?) Docket No.         

3-30-99 -- 4-20-99  
Spud Date Date Reached TD Completion Date

CONSERVATION DIVISION  
Wichita, Kansas

DEC 7 2000

RECEIVED  
STATE CORPORATION COMMISSION

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 *Shawn D. Young*  
SHAWN D. YOUNG

Title DIVISION PRODUCTION ENGINEER Date 12/14/00

Subscribed and sworn to before me this 4th day of December  
192000

Notary Public *Shirley J. Childers*

Date Commission Expires         

NOTARY PUBLIC - State of Kansas  
SHIRLEY J. CHILDERS  
My Appt. Exp. 11/14/02

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 RATCLIFF "B" Well # 1

Sec. 18 Twp. 33 Rge. 37  East  West County STEVENS

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:

Log Formation (Top), Depth and Datums  Sample

Name Top Datum

SEE ATTACHED DRILLER'S LOG

** Original Completion		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"	24.0	1695	POZ/ COMMON	700/ 200	4% GEL, 2%CC
** PRODUCTION	7-7/8"	5-1/2"	15.5	6203	SS POZ/ LITE WATER	320/ 300	.5% CFR-2/ 4% GEL

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 checked="" type="checkbox"/> Plug Off Zone	2808-2983	RAN CSG ISOLATION TOOL W/ 7 JTS	3"	LINE PIPE TO ISOLATE COUNCIL GROVE PERFS (2825-2966).

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 2-3/8"	Set At 6014	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. RESUMED: 10-7-2000	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 245 Mcf	Water 3 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perf.  Dually Comp.  Commingled 5955-6067 OA

Other (Specify) \_\_\_\_\_

KANSAS DRILLERS LOG

API No. 15 — 189 — 20,326-00-01  
 County Number

S. 18 T. 33S R. 37 E W

Loc. 1250' FN&WL

Operator

ANDARKO PRODUCTION COMPANY

County STEVENS

Address

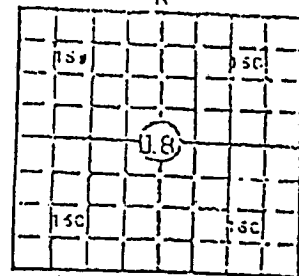
P. O. BOX 351, LIBERAL, KANSAS 67901

640 Acres  
N

Well No.

Lease Name

1 RATCLIFF "B"



Locate well correctly

Elev.: Gr. 3131'

Footage Location

1250 feet from (N) 18 line 1250 feet from (E) 37 line

Principal Contractor

Lohmann-Johnson Drilling Co.

Geologist

Joe Blair

Spud Date

6PM 2/10/77

Total Depth

6606'

P.B.T.D.

6203'

Date Completed

3/31/77

Oil Purchaser

DF \_\_\_\_\_ KB \_\_\_\_\_

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	1695'	Poz Common	700 200	4% gel, 2% cc
Production	7-7/8"	5-1/2"	15.5#	6203'	SS Poz Lite Water CS Poz	170 300 150	.5% CFR-2 4% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1/shot/2 ft.		6067-5991'
			2		2964-66'
			2		2825-2952'

TUBING RECORD

Size	Setting depth	Packer set at
2-1/16"	5955'	5955'
2-1/16"	2825'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1/3000 gals 7.5% HCL w/add. + 40BS + 46,000 SCF Nitrogen	5991-6067'
1/40,000 gals foamed 3% acid (75% foam) + 20,000# 10-20 sand + 20BS.	2964-66'
1/250 gals 15%	2825-2952'

CONSERVATION DIVISION

INITIAL PRODUCTION Wichita, Kansas

Date of first production 5/19/77 (Narrow)		Producing method (flowing, pumping, gas lift, etc.) Flowing	
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 1020 (CG) 3020 (Morr) MCF	Water bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval(s) 5991-6067'	

RECEIVED  
STATE CORPORATION COMMISSION

DEC 7 1977

INSTRUCTIONS: As provided in KCC Rule 32-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 32-2-125. Drillers Logs will be an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas.

Operator

ANADARKO PRODUCTION COMPANY

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:  
GAS

Well No.

Lease No.

1

FATCLIFF "B"

S 37 T 37S R 37 EX W

### WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Native & Sand Dolo & Shale Lime & Shale Shale Lime & Shale Shale Lime & Shale TOTAL DEPTH				
DST #1 5994-6041 (Morr) 20MPF w/good blow, op 40 min GTS 5M ga 16 Mcfd, 20M 43.9 Mcfd, 30 56.3 Mcfd, 40M 59 Mcfd, rec 192' GCM, ISIP 1089 (45), IFP 320-187, FP 149-160, FSIP 1832 (6 hr. 30M), sli plugging action on PF.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*Paul Campbell*  
 Signature

Paul Campbell, Division Production Manager

Title

October 19, 1977

Date

