

COPY 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: NONE

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: _____

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: ANADARKO PETROLEUM CORPORATION

Well Name: RAY "C" No. 5

Comp. Date 8/27/96 Old Total Depth 5650

Deepening Re-perf. Conv. to Inj/SWD

Plug Back

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

(SIDETRACK #1) WLE# 194,772-C (C-28,021)

12/11/96 12/30/96 P&A12/30/96

Date of START of WORKOVER Date Reached TD Completion Date of WORKOVER

API NO. 15- 081-21044-0001

County HASKELL

150' E OF _____ E

_____ SE _____ SE Sec. 21 Twp. 29S Rge. 34 X W

SHL: 660 FSL

BHL: 1067 Feet from (S)X (circle one) Line of Section

SHL: 510 FEL

BHL: 558 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 RAY "C" Well # 5

Field Name EUBANK

Producing Formation NONE

Elevation: Ground 2977.6 KB 2988

5424 (TVD)

Total Depth 5666 (MD) PBDT 4950 (MD)

Amount of Surface Pipe Set and Cemented at _____ 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 REWORK 9/4 4-3-97
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 100 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name 4-3-97

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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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 4/2/97

Subscribed and sworn to before me this 2nd day of April 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)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name RAY "C" Well # 5

Sec. 21 Twp. 29 Rge. 34 County HASKELL
East 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 (Attach Additional Sheets.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)

List All E.Logs Run: NO NEW LOGS RUN.

BOTTOM HOLE SURVEY ATTACHED.

Log Formation (Top), Depth and Datums Sample

Name Top Datum

LOG TOPS FROM ORIGINAL COMPLETION.

B/STONE CORRAL 1809
CHASE 2522
COUNCIL GROVE 2850
HEEBNER 3972
LANSING "A" 4066
KANSAS CITY "A" 4514
MARMATON 4670
MORROW 5212
CHESTER 5354
ST. LOUIS 5556

CASING RECORD

New Used

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.

Table with 3 columns: 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 table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Table with 2 columns: Date of First, Resumed Production, SWD or Inj., Producing Method (Flowing, Pumping, Gas Lift, Other).

Table with 8 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) NONE

15-081-21044-0003

COPY

ANADARKO PETROLEUM CORPORATION
 RAY C-5, slot #1
 HASKELL COUNTY, KANSAS

SURVEY LISTING Page 1
 Your ref : Sidetrack #1 s#1790
 Last revised : 17-Jan-97

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect	
5000.00	0.48	100.27	4999.58	19.69 S	22.16 W	0.48	-19.69	Sidetrack #1 (tie-in 5000 MD) (KB)
5035.00	1.70	286.60	5034.57	19.57 S	22.51 W	6.21	-19.57	
5066.00	6.20	301.30	5065.49	18.57 S	24.38 W	14.76	-18.57	
5097.00	13.00	320.80	5096.05	14.99 S	28.02 W	24.01	-14.99	
5129.00	21.50	328.30	5126.58	7.20 S	33.39 W	27.40	-7.20	
5161.00	28.50	333.60	5155.57	4.64 N	39.87 W	22.95	4.64	
5193.00	32.90	340.20	5183.09	19.67 N	46.22 W	17.30	19.67	
5224.00	36.50	343.80	5208.57	36.45 N	51.64 W	13.36	36.45	
5255.00	40.10	347.60	5232.90	55.07 N	56.36 W	13.87	55.07	
5287.00	45.20	354.10	5256.44	76.45 N	59.75 W	21.04	76.45	
5315.00	49.00	357.60	5275.50	96.90 N	61.21 W	16.37	96.90	
5346.00	53.40	359.80	5294.92	121.04 N	61.74 W	15.23	121.04	
5378.00	55.90	1.80	5313.43	147.14 N	61.37 W	9.33	147.14	
5409.00	56.70	2.50	5330.64	172.91 N	60.40 W	3.19	172.91	
5441.00	57.10	3.50	5348.11	199.68 N	59.00 W	2.90	199.68	
5471.00	56.50	3.90	5364.54	224.73 N	57.38 W	2.29	224.73	
5502.00	59.30	4.10	5381.01	250.92 N	55.55 W	9.05	250.92	
5533.00	64.40	3.80	5395.63	278.18 N	53.67 W	16.47	278.18	
5566.00	70.80	3.20	5408.20	308.62 N	51.81 W	19.47	308.62	
5597.00	77.70	2.70	5416.61	338.40 N	50.28 W	22.31	338.40	
5628.00	85.40	1.70	5421.16	369.02 N	49.10 W	25.04	369.02	Twisted off. Fish not recovered.
5666.00	85.40	1.70	5424.21	406.88 N	47.98 W	0.00	406.88	Projection to end of ST #1.

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+ 660	+ 570
<u>1066.9</u>	<u>557.98</u>
<u>1067 FSL</u>	<u>558 FEL</u>

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All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 409.70 on azimuth 353.27 degrees from wellhead.
 Vertical section is from wellhead on azimuth 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ