

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

129-00422-0007

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: 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: NUSSER 1-31

Comp. Date 9-29-60 Old Total Depth 3340

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

8-26-98 -- 10-12-98

Spud Date 8-26-98 Date Reached TD -- Completion Date 10-12-98

API NO. 15- NA (SPUD 9-14-60)

County MORTON

--- --- --- SE --- NW Sec. 31 Twp. 34 Rge. 41 --- X --- E

1980 Feet from X (circle one) Line of Section

1980 Feet from X (circle one) Line of Section

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

Lease Name NUSSER Well # 1-31

Field Name GREENWOOD

Producing Formation WABAUNSEE, TOPEKA

Elevation: Ground 3481 KB --

Total Depth 3340 PBDT 3296

Amount of Surface Pipe Set and Cemented at 501 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 DUWO, 1-28-99 U.C.
(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. _____

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

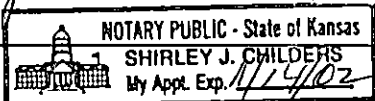
Title DIVISION PRODUCTION ENGINEER Date 1/9/99

Subscribed and sworn to before me this 9th day of January

19 99.

Notary Public Shirley Childers

Date Commission Expires _____



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 NUSSER Well # 1-31

Sec. 31 Twp. 34 Rge. 41 East County MORTON
 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.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List All E.Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED DRILLERS LOG
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** 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	501		250	
** PRODUCTION	7-7/8"	4-1/2"	10.5	3330		150	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	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	Top Bottom			

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
4	2829-2848, 2851-2857, 2867-2890 (WABAUNSEE)	ACID: W/ 2500 GAL 15% FE HCL 2829-2890

TUBING RECORD	Size 2-1/16"	Set At 3205	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. RESUMED: 9-4-98		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 393 Mcf	Water 23 Bbls.	Gas-Oil Ratio -- Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 2829-3184 OA
 Other (Specify) _____

Production Interval

ORIGINAL

DRILLER'S LOG

WELL NAME: Nusser 1-31 ;

COMPANY OPERATING: Anadarko Production Company
 ADDRESS of COMPANY: Box 351, Liberal, Kansas

WELL LOCATION: 1 SE 1 NW 1,
1980 ft. ~~North~~ ^{South} of ~~South~~ ^{North} line,
1980 ft. East of West line; Sec. 31, Twp. 34S, Rge. 41W, Morton County, Kansas

DRILLING STARTED September 14, 1960; DRILLING COMPLETED TD - September 24, 1960
 WELL COMPLETED September 29, 1960; WELL CONNECTED ---, 19--

ELEVATION: 3481.09 ft. Ground Level; CHARACTER OF WELL (Oil, Gas, or Dry Hole) Gas

OIL OR GAS SANDS OR ZONES - PERFORATIONS - ACIDIZING AND FRACTURING INFORMATION					
Name	From	To	No. of Shots	Gallons Used	Kind Used
Topeka	3174	84	20	3000	15%
	3120	26	12	15000	10%
	3098	3103	10		

CASING RECORD

Size	Amount Set	Sacks of Cement	Amount Pulled
8-5/8"	501'	250	
4-1/2"	3330'	150	None

FORMATION RECORD

Formation	Top	Bottom	Formation	Top	Bottom
Shale & Shells	0	250	Lime	2530	2605
Red Bed	250	505	Shale & Lime	2605	2715
Red Bed & Shale	505	980	Lime	2715	2835
Red Bed	980	1130	Lime & Shale	2835	3025
Sand	1130	1280	Chert & Lime	3025	3097
Shale & Shells	1280	1465	Lime	3097	3165
Red Bed & Shale	1465	1495	Lime & Shale	3165	3250
Shale & Lime	1495	1660	Lime	3250	3340
Lime & Shale	1660	1825	Total Depth	3340	
Shale & Lime	1825	2110			
Lime & Shale	2110	2235			
Shale & Lime	2235	2400			
Shale	2400	2530			

RESULTS of INITIAL PRODUCTION TEST: October 11, 1960: Calculated Absolute Open Flow
33,900 MCFD, SIP 395.8 psig

CONSERVATION DIVISION
 VICTORIA, KANSAS
 JAN 1 1961
 RECEIVED
 STATE CORPORATION COMMISSION