

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 701 S. TAYLOR, STE. 400

City/State/Zip AMARILLO, TEXAS 79101

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: CRAIG R. WALTERS, P.E.

Phone (.806.) 457-4600

Contractor: Name: NA

License: NA

Wellsite Geologist: NA

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: SUGHRUE A-1

Comp. Date 6-22-66 Old Total Depth 3030

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

FRAC STIMULATE
12-11-2001 -- 12-18-2001

~~Start~~ Date OF START Date Reached TD Completion Date OF WORKOVER
12-11-2001 -- 12-18-2001

API NO. 15- 189-30080-0001

County STEVENS

--- --- --- SW Sec. 10 Twp. 32S Rge. 38 --- E

1320 Feet from SX (circle one) Line of Section

1320 Feet from XW (circle one) Line of Section

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

Lease Name SUGHRUE A Well # 1

Field Name PANOMA COUNCIL GROVE

Producing Formation COUNCIL GROVE

Elevation: Ground 3109 KB --

Total Depth 3030 PBSD 3030

Amount of Surface Pipe Set and Cemented at 611 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 9th 6/20/02
(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.

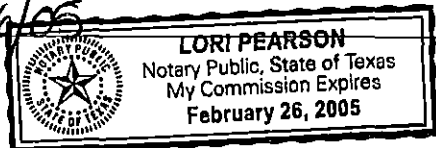
Signature Craig R. Walters
CRAIG R. WALTERS, P. E.

Title DIVISION PRODUCTION ENGINEER Date 5/16/2002

Subscribed and sworn to before me this 16 day of May

20 02
Notary Public Lori Pearson

Date Commission Expires 2/26/05



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)

X

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name SUGHRUE A Well # 1

Sec. 10 Twp. 32S Rge. 38W East County STEVENS
 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	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED DRILLER'S LOG	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

** Original Completion CASING RECORD							
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	611		550	
** PRODUCTION	7-7/8"	5-1/2"	15.5	3029		200	

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
		FRAC W/ 40,000 GAL 80Q N2 FOAM	2844-2978 OA

TUBING RECORD	Size 2 3/8	Set At 2957	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: 12-18-2001	Producing Method <input type="checkbox"/> Flowing <input checked="" 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 132 Mcf	Water 12 Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 2844-2978 OA

Other (Specify) _____

Production Interval _____

DRILLER'S LOG

ORIGINAL COPY

WELL NAME: Sughrue "A" No. 1; COMPANY OPERATING: Anadarko Production Company

ADDRESS of COMPANY: Box 351 Liberal, Kansas

WELL LOCATION: 1/4 1/4 SW 1/4,
1320 ft. North of South line,
1320 ft. East of West line; Sec. 10, Twp. 32S, Rge. 38W, Stavens County, Kansas

DRILLING STARTED 6-8, 19 66; DRILLING COMPLETED 6-16, 19 66
 WELL COMPLETED 6-22, 19 66; WELL CONNECTED _____, 19 _____

ELEVATION: 3108.64 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
<u>Council Grove</u>	<u>2849</u>	<u>2978</u>	<u>76</u>	<u>2,500</u>	<u>15% Regular</u>
				<u>80,000</u>	<u>Water</u>

CASING RECORD

Size	Amount Set	Sacks of Cement	Amount Pulled
<u>13-3/8</u>	<u>611</u>	<u>550</u>	<u>None</u>
<u>5-1/2</u>	<u>3029</u>	<u>200</u>	<u>None</u>
<u>1-1/4</u>	<u>2859</u>		<u>None</u>

FORMATION RECORD

Formation	Top	Bottom	Formation	Top	Bottom
<u>Surface Sand & Clay</u>	<u>0</u>	<u>598</u>			
<u>Sand & Red Bed</u>	<u>598</u>	<u>611</u>			
<u>Sand & Shale</u>	<u>611</u>	<u>1180</u>			
<u>Sand, Shale & Anhy</u>	<u>1180</u>	<u>1865</u>			
<u>Red Bed & Anhy</u>	<u>1865</u>	<u>2075</u>			
<u>Shale & Anhy</u>	<u>2075</u>	<u>2403</u>			
<u>Shale & Anhy</u>	<u>2403</u>	<u>2513</u>			
<u>Lime & Shale</u>	<u>2513</u>	<u>2712</u>			
<u>Lime & Shale</u>	<u>2712</u>	<u>3030</u>			
TOTAL DEPTH		3030			

RESULTS of INITIAL PRODUCTION TEST: WHAOF 1,250 MCFD on 4 point static test, working casing pressure 236.3 psig & tubing pressure 57.5 psig, during 4th rate of flow at 546 MCFD.

RECEIVED
 MAY 24 2000
 KCC WICHITA