

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

API NO. 15- _____ NA (SPUD 1-30-55) 15-129-10146-0001

County _____ MORTON _____

C - E/2 - E/2 - SE Sec. 31 Twp. 32 Rge. 42 X W

1320 Feet from (S)X (circle one) Line of Section

200 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 MURPHY Well # 1-31

Field Name GREENWOOD

Producing Formation WABUANSEE, TOPEKA, LANSING

Elevation: Ground 3538 KB --

Total Depth 3350 PBTD 3309

Amount of Surface Pipe Set and Cemented at 560 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Re-work, 8-17-99 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. _____

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 X Workover

 Oil SWD SIOW Temp. Abd.

 X Gas ENHR SIGW

 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ANADARKO PETROLEUM CORPORATION

Well Name: MURPHY 1-31

Comp. Date 3-24-55 Old Total Depth 3350

 Deepening X Re-perf. Conv. to Inj/SWD

 Plug Back PBTD

 Commingled Docket No. _____

 Dual Completion Docket No. _____

 Other (SWD or Inj?) Docket No. _____

5-22-99 -- 6-1-99

Start Date of start of re-work. Date Reached TD Completion Date

STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
RECEIVED
AUG - 5 1999
8-5-99

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.

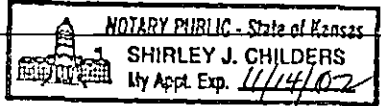
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Shawn D. Young
Title DIVISION PRODUCTION ENGINEER Date 8/19/96

Subscribed and sworn to before me this 4th day of August
19 96.

Notary Public Shirley J 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)

X

14112120

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name MURPHY Well # 1-31

Sec. 31 Twp. 32 Rge. 42 East West
 County MORTON

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 DRILLERS 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		10-3/4"	32.75	560	POZMIX	240	
** PRODUCTION		7"	20	3325	POZMIX	300	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	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	2685-2692, 2694-2699, 2704-2716		ACID W/ 2500 GAL 15% DOUBLE STRENGTH FeHCl

TUBING RECORD	Size 2-3/8"	Set At 3235	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: 5-28-99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 317 Mcf	Water 7 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 2685-3213 OA
 Other (Specify) _____

Production Interval

DRILLERS LOG

WELL NAME Murphy # 1-31
 WELL LOCATION 1320' fr S & 200'
fr E lines of
Sec. 31-32-42

COMPANY P.E.P.L.
 CONTRACTOR Garvey Drlg. Co.
 ELEVATION 3538.37'

COUNTY Morton STATE Kansas

ORIGINAL OPEN FLOW None MCF
 72/20 OF AFTER ACID 30, 885 MCF
 ROCK PRESSURE 423.4 LBS
 SOURCE OF DATA Driller's Report

DRILLING COMMENCED 1-30-55
 DRILLING COMPLETED 2-9-55
 WELL COMPLETED 3-24-55
 WELL CONNECTED Un-connected

ROTARY LOG

DESCRIPTION OF FORMATION

TOP BOTTOM

Surface clay	0'	60'
Sand	60'	135'
Sand, Sandstone & Red Bed	135'	545'
Red Bed & Hard Sand	545'	560'
Set 560' of 10-3/4" casing @ 560'. Cemented with 240 sacks of Pozmix		
No. 1 cement,		
Red Bed & Gyp	560'	670'
Red Bed & Sand Streaks	670'	1050'
Sand & Red Bed	1050'	1100'
Sand	1100'	1270'
Red Bed and Sand Streaks	1270'	1280'
Red Bed, Sand & Anhydrite Streaks	1280'	1945'
Red Bed, and Anhydrite Streaks	1945'	2335'
Lime & Shale	2335'	2520'
Red Shale & Lime Streaks	2520'	2622'
Lime & Shale	2622'	3164'
Lime	3164'	3248'
Lime & Shale	3248'	3350'
Set 3320' (103 joints) of 7" Casing @ 3325' with 300 sacks of Pozmix		
No. 1 Cement,		

FORMATION TOPS

Wahaunsee 2680'
 Topeka 2913'
 Lansing 3180'

PERFORATIONS

Perforated 3206-08'
 3208-12'
 3184-93'
 3142-54'
 3125-29'
 3059-79'
 3041-55'
 2976-91'
 2955-60'

RECEIVED
 STATE COMMISSION

AUG - 5 1955

CONSERVATION DIVISION
 Wichita, Kansas

WELL TREATMENT RECORD

Acidized on 3-11-55 with 1000 gallons of 15% acid.
 Acidized on 3-12-55 with 2000 gallons of 15% acid.
 Acidized on 3-13-55 with 1000 gallons of 15% acid.
 Acidized on 3-14-55 with 1000 gallons of 15% acid.
 Acidized on 3-15-55 with 4000 gallons of 15% acid.
 Acidized on 3-17-55 with 3000 gallons of 15% acid.