SIDE ONE

5

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5229
Name Phillips Petroleum Co.
Address Rt. 3 Box 20-A
Great Bend, KS 67530
City/State/Zip

Purchaser PHILLIPS PETROLEUM CO.

Operator Contact Person S.J. Reynolds
Phone 316-793-8421

Contractor: License # 5418
Name Allen Drilling Co.

Wellsite Geologist Steve Bachtil
Phone (405) 270-8180

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

X Oil ___ SWD ___ Temp Abd
___ Gas ___ Inj ___ Delayed Comp.
___ Dry ___ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

12-11-86	12-19-86	12-19-86
Spud Date	Date Reached TD	Completion Date

3392'	3350'
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 475 feet
Multiple Stage Cementing Collar Used? ___ Yes ___ No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name

API NO. 15- 167-22,761

County Russell

SW SW SW Sec. 6 Twp. 14 Rge. 14 ___ East X West

330' Ft North from Southeast Corner of Section
4950' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

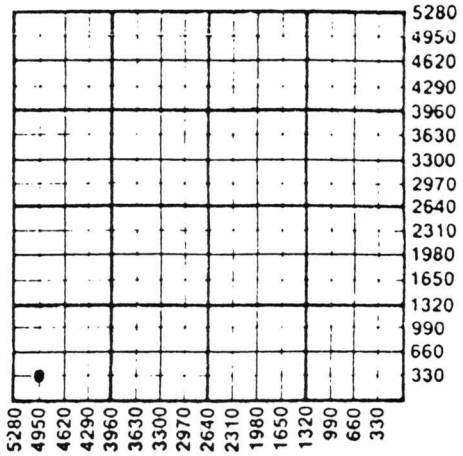
Lease Name Amelia Well # 4

Field Name Gorham

Producing Formation Arbuckle

Elevation: Ground 1872' KB 1877'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # 31,492-C (C-1550) ___ Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

___ Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge ___ East ___ West

X Surface Water Ft North from Southeast Corner
(Stream, pond etc.) Ft West from Southeast Corner
Sec Twp Rge ___ East ___ West

Other (explain)

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	23 Bbls	MCF	184 Bbls	350 @ 46 CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ___ Vented ___ Sold

___ Open Hole X Perforation
___ Other (Specify)

3306-10'

SIDE TWO

Operator Name Phillips Petroleum Co. Lease Name Amelia Well # 4

Sec. 6 Twp. 14 Rge. 14 ☐ East ☒ West County Russell

WELL LOG

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
Samples Sent to Geological Survey	☒ Yes	☐ No
Cores Taken	☐ Yes	☒ No

DST #1: 2748.6-2772' (TOPEKA) 15-30-30-120, recovered: 10' oil, speckled mud. IHP-1320.5#, IFF-13.1, FFF-9.7, IFCIP-9.7, FFCIP-72.1, ISF-18.9, FSF-11.5, ISCIP-11.5, FSCIP-232.1, FHP-1303.5.

DST#2: 3298-3319' (ARBUCKLE) 15-30-30-120. Recovered: 400' gas & 2034' fluid - 40' free gassy oil, 150' GOCM (25% gas, 5% oil, 3% wtr, & 62% mud). IHP-1579.4, IFF-258.3, FFP-543.4, IFCIP-543.4, FFCIP-1079.5, ISFP-563.1, FSFP-898.3, FSCIP-1081.7, FHP-1567.

Formation Description ☒ Log ☐ Sample

Name	Top	Bottom
Stotler	2508'	2530'
Tarkio	2564'	2642'
Topeka	2767'	2850'
Oread	2915'	2994'
Toronto	3013'	3024'
Lansing-Kansas City	3049'	3242'
Gorham	3298'	3300'
Arbuckle	3304'	3312'
Reagan	3312'	3395'

CASING RECORD ☒ New ☐ 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
					Class A	100	3%cc
surface	12 1/4	8 5/8	23	475	60/40poz	280	2%ge13%cc
production	7 7/8	5 1/2	15.5	3395	Howcolite	35	1/4 Flocel
					50/50poz	195	2%ge110%salt

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 HPF	3306-10'	N.A.	

TUBING RECORD	Size	Set At	Packer at	Liner Run
	2 7/8"	3323'	N.A.	☐ Yes ☒ No

Date of First Production	Producing Method
01-16-87	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain)