

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 Company  
address Box 287  
City/State Great Bend, Kansas 67530

Operator Contact Person Kaare A. Westby  
Phone 316-793-8421

Contractor: license #  
name Group Exploration Company

Wellsite Geologist  
Phone

PURCHASER Kansas Power & Light Co.

Designate Type of Completion  
 New Well  Re-Entry  Workover

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:  Mud Rotary  Air Rotary  Cable

12-18-57 1-2-58 4-17-58  
Spud Date Date Reached TD Completion Date

4270 4247  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 323 feet  
KC-KC

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

API NO. 15-095 None - 1958

County Kingman

660' FEL. & 660' FSL SW/4 Sec 31 Twp 29 Rge 8 West  
(location)

660' Ft North from Southeast Corner of Section  
3300 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

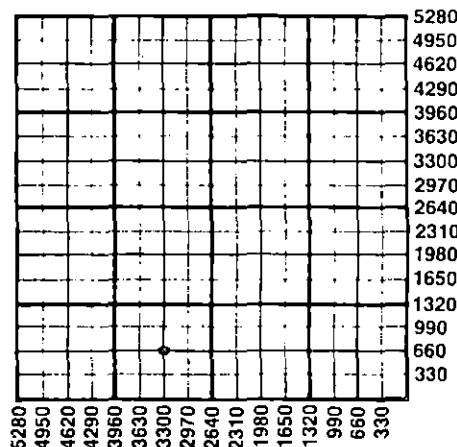
Lease Name Dee Well# 1

Field Name Spivey Grabs

Producing Formation Mississippi

Elevation: Ground 1590 KB 1595

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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: Kaare Westby  
Date: 7-10-85  
Subscribed and sworn to before me this 10th day of July 19 85  
Notary Public: Velma L. Mow  
Date Commission Expires: February 15, 1988

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)  
RECEIVED  
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)  
JUL 18 1985  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 31, Twp. 29, Rge. 8 West

SIDE TWO

Operator Name ...Phillips Petroleum Co Lease Name ...Dee..... Well# 1... SEC. 31... TWP. 29... RGE. 8...  East  West

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

Formation Description  
 Log  Sample

Name	Top	Bottom
Heebner	3264'	
Toronto	3280'	
Douglas	3315'	
Brown Lime	3481'	
LKC	3489'	3958'
Mississippi	4181'	
PBTD	4247'	

**Preparing to Acid Petro frac.**  
 Started up at 2:00 a.m. Loaded hole with 105 BO - took input test with 21 BO at 10 1/2 EPM and had 1900# CP and 1700# TP. Spotted 500 gals acid petro-frac with no sand on bottom through tubing - casing annulus, 1000 gallons with 1/4# sand/gallon, 1000 gallons with 1/2# sand/gallon then gradually increased to 1# sand/gallon over the next 860 gallons. Closed tubing and started frac at 2000# CP and pressure broke back to 1400# CP pumping at 13 EPM with 9030 gallons frac material. Pumped an additional 3570 gallons at 10.5 EPM average rate and pressure gradually increased to 2300# CP. Cut sand to 1/2#/gallon and pumped an additional 2100 gallons and pressure continued to increase to 3000# at 6.2 EPM average pumping rate. Pumped an additional 420 gallons at 3000# CP at 2 EPM rate at start and decreasing to 0 EPM. Above totals are 15,120 gallons and 12,100# sand.

Opened tubing and pumped 20 BO in annulus to displace 16 BO and 168 gallons acid frac material from tubing. Closed tubing and tried to pump into annulus, and pressure went right back to 3000#. Opened tubing and pumped 85 BO down annulus and displaced 3192 gallons acid frac material from tubing. Closed tubing and over-flushed w/ 10 BO at 5 EPM and 2500# CP. Total gel acid in formation is 11,760 gallons and 10,350# sand (average of .88# sand/gallon). Ran SLM down tubing and hit bridge at 4065'. Pulled 5 jts 155' of tubing and shut down at 11:30 p.m.

CASING RECORD <input 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#	323'	Pozmix	275	400# CC
Production	7.7/8"	5 1/2"	17" & 14#	4266'	Common	50	20% diacel & 100# CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4 HPF	4201-4227' w/17 gram super MM jets			SEE FRAC JOB ABOVE			
TUBING RECORD					Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First Production	Producing method <input checked="" type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
4-17-58							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	.15 Bbls	492 MCF	Bbls	CFPB		4201-4227'	

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  
 open hole  perforation  other (specify)

PRODUCTION INTERVAL

Dually Completed.  Commingled