

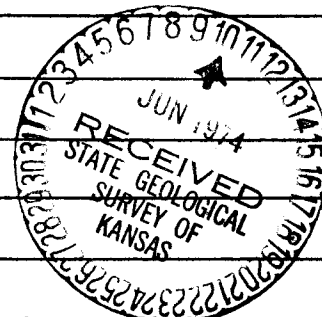
State Geological Survey WELL RECORD

WICHITA, BRANCH
Hartzell

Well No. 39 Farm Hartzell Producer Federal Petroleum
 Location SE SW SW Sec. 19 Twp. 34 Rge. 12
 Elevation Unknown State Kansas County Chautauqua
 Kind (Oil, Gas, Water, Dry Hole) oil Contractor B & N Drilling
 Producing Formation Peru Sd Top 1097 Bottom 1108
 Shot With _____ Qts. _____ from _____ to _____
 Packer Set At _____ Kind _____ Size _____
 Liner _____ from _____ to _____ Perforated from 1097 to 1104

Thick-ness	Strata	Depth	Thick-ness	Strata	Depth
2	soil	2	6	lime	881
2	lime	4	18	shale	899
3	shale	7	164	sandy shale	1063
7	sand	14	2	lime	1065
3	shale	17	8	shale	1073
5	sand	22	2	lime	1075
9	shale	31	5	shale	1080
1	lime	32	10	lime (cap rock)	1090
82	shale	114	21	Core	1111
6	sand	120	36	shale	1147
41	shale	161	35	lime	1182
7	shale	168	1	shale sandy	1183
71	sandy shale	239	2	lime	1185
4	lime	243	5	shale	1190
110	shale	353	28	sand	1218
7	sand	360			
87	shale	447			
1	lime	448			
5	shale	453			
1	lime	454			
19	shale	473			
7	lime	480			
0	sandy shale	500			
26	shale	526			
2	lime	528			
5	sand	533			
26	lime	559			
281	shale	840			
9	lime	849			
26	shale	875			

Total Depth 1218
 Open Hole _____
 Casing 7" at 20.10'
 Casing 4 1/2" at 1156'
 Casing _____ at _____
 Cement 120 sacks Reg 3% Gel
 Tubing _____
 Rods _____
 Additional Information _____
1 float shoe
1 centralizer
 Completed Peru pumping
21 bbls oil and 31 bbls water
in 24 hrs.



Date Completed 6/13/72

O.K.

Robert H. Rogers

Superintendent

KANSAS WELL COMPLETION REPORT

API No. 15 - 019 - 20290

Sec. 19 T. 34 R. 12 E.

Year well reported 1972

Spot SE-SU-SU

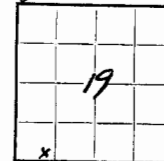
County Chautauque

Company Federal Petro. Inc.

Farm & Well No. 39 Hartzell

Contractor B & N Drilling Co

Please show location of well in section:



Date drilling comm. 6-11-72

Elev: Kelly Bushing _____

Date drilling comp. 6-13-72

Derrick floor _____

Ground _____

Field name Sedan - Peru

Hole was completed as: Dry _____; Oil well _____;

Electric or other logs were run: Yes No _____

Water-flood producer _____; Gas well _____;

Well was cored: Yes No _____

Salt-water disposal _____; Other (name) _____.

Drill stem test run: Yes _____

No

INITIAL POTENTIAL OR PRODUCTION:

FORMATION TOPS

Bbls oil/day 18, Bbls water/day 8,

List below:

Thou cu ft gas/day _____.

Oil gravity 25.4 °API

Name of pay zone Peru Sand

Pay depth (bottom) 1104

Net pay thickness 7

Name of rock formation at total depth shale

Total depth 1147

Company purchasing oil or gas: Koch Oil Co

CASING

List:

4 1/2 - 1156'

If OWWO*, give new footage drilled _____

* Old well drilled deeper

10/15/1970

This well completion form is mailed to southeastern Kansas operators, because commercial reporting companies do not scout the area. Completed forms, driller's logs, electric logs, and other information submitted to us will be placed on open file for your use. Please complete form and mail in enclosed envelope to Margaret Oros, Head, Oil and Gas Division, State Geological Survey, Lindley Hall, Lawrence, Kansas 66044. Phone: 913-864-3852.

Minimum completion information will be used for reporting all wells completed in Kansas to American Association of Petroleum Geologists' Committee on Statistics of Drilling. These statistics are published by the Oil and Gas Journal, American Association of Petroleum Geologists, U. S. Bureau of Mines, and others.

