Year Well Reported 1966
AAPG-CSD Serial No. 02333

KANSAS WELL COMPLETION REPORT 34-15-22E IBM

INSTRUCTIONS: Within 30 days after completion of this well the owner or operator should complete the form and mail it to Margaret Oros, Chairman, AAPG-CSD District 12, State Geological Survey of Kansas, Lindley Hall, Lawrence, Kansas 66044, in the enclosed stamped, self-addressed envelope. (The information given in the IBM print-out is taken from the "Intents-to-Drill" filed by the Oil and Gas Conservation Division of the State Corporation Commission of Kansas, 500 Insurance Building, Wichita, Kansas 67202. Please correct any item that is in error.)

OWWO (was Shofner, #1 Langdon) ~~to be plugged~~
old T.D. 1524'. Drilled in 65 ~~held as gas~~.

CORBIN E ROBISON — REF. NO. AA 81

803 HIGHLAND DRIVE — DATED 1-15-66 FOR GAS WELL

LAWRENCE KANS, 66044 — DRILL CO FRED SPINDLE
TOOLS-CABLE
SP 0030 FT ALT. 2
TD 01515 FT

COUNTY MIAMI

FARM NO. AND NAME 1 LANDON — LOCATION NW SE SEC 34 15S 22E

C NW SE

****

Date Drilling Began 20 Jan 66 Date Drilling Completed 15 Feb 1966

Hole T.D. 1520 P.B.T.D. _____ if OWWO, new footage drilled None.

Elev.: DF _____ KB 1000' Ground 997 Oil or gas test was completed as dry hole Dry.

Deepest Formation penetrated Arbuckle Hole was not drilled _____

Electric or Other Logs Run: Yes ✓ No ___ Well was Cored: Yes ___ No ___ Drill Stem Test Run: Yes ___ No any — Set Bypo.

Field Name wildcat This is a New Field ____ Field Extension ____ New Pay Zone ____

Oil or Gas Purchaser: _____

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Initial Potential or Production: _____ BOPD, _____ BWPD, _____ Mcfg/day. Oil Gravity _____

Pay Depth (Bottom) _____, Net Pay Thickness _____ Ft., Pay Formation _____

Please use other side of sheet for additional information. Copy of driller's log, electric logs, and other well information would be appreciated.

The AAPG's Committee on Statistics of Drilling (CSD) on January 1, 1966 began compiling data on wells reported drilled in the U. S., Canada, and Mexico. The Oil and Gas Journal has contracted to publish weekly statistical summaries of the data. These will be used by the International Oil Scouts Assoc. American Petroleum Inst., U. S. Bureau of Mines, and other groups, and will be considered the official source of drilling information by the U. S. Department of the Interior.

Many of the wells drilled in southeastern Kansas are not presently scouted. Because of this the CSD District 12 Chairman is sending this Well Completion Report form to all operators who have stated their intent to drill a well. The information received will also be placed on open file in the Oil and Gas Division offices of the State Geological Survey of Kansas. The cooperation of all of the operators in returning the completed form will be greatly appreciated.

34-15-22E

Set Casing - Perforated
upper Arbuckle - Fresh Water:

Set Packer - Perforated
upper Simpson -
Holes full of Water:
Water had odor of
Sulfur and Sewer Gas
(Methane) No Gas flow

D & A

Corbin Robison MD

Electric log from original
Rotary Hole - 1965.
Shofner & Langdon

34-15S-22E

October 5, 1965

1966-CSD

Hugh Hofner et al
Langdon No. 1
C NW SE Sec. 34-15S-22E
Miami County, Kansas

Elevations:
Ground level 997
Kelly bushing 1000

Spud Date: September 12, 1965
Surface Casing: 7" set @ 20'.
Drilling Contractor: B & F Drilling Company.

SAMPLE ANALYSIS REPORT

Ten (10') foot samples were kept from 225' to 1524'. One (1') foot drilling time was kept from 225' to 1524'.

The following data was compiled from sample analysis, time log and electric log interpretation and correlation, and all tops and zones of porosity are corrected to rotary bushing measurements.

Samples were examined from 225 feet to total depth. The well was spot checked throughout the drilling and was under geological supervision during the electric logging.

Top Hertha	278	+ 722
Top Big Shale	293	+ 707
Top Burgess	903	+ 97
903 - 906	Sandstone, clear, medium grained, sub-rounded, trace ingrained porosity, no stain, no odor, no fluorescence.	
Top Mississippian	907	+ 93
996 - 1004	Dolomite, coarse crystalline, tan to brown, trace of good vuggy porosity, no stain, no odor, no fluorescence.	
1020 - 1028	Dolomite, very fine crystalline, brown, trace very poor pin point porosity, no stain, no odor, no fluorescence.	
1032 - 1038	Dolomite, very fine crystalline, brown, trace fresh chert, smokey, very poor pin point porosity, no stain, no odor, no fluorescence.	
1125 - 1182	Chert, white to smokey, fresh, sharp, angular, poor pin point porosity, no stain, no odor, no fluorescence.	

34-15S-22E

1966-(SH) 02338

Top Kinderhook	1337	- 337
Top Simpson	1378	- 378
1388 - 1395	Sandstone, fine grained, sub to well rounded, clear, very poor ingrained porosity, no stain, faint odor, no fluorescence. (El. Log 1388-91 5.7% porosity, 98% water saturation; 1391-95 3.5% porosity, 92% water saturation)	
Top Arbuckle	1481	- 481
1481 - 1486	Dolomite, fine crystalline, buff to tan, trace very poor intercrystalline porosity, trace black dead stain, no odor, no fluorescence. (El. Log 12% porosity, 58% water saturation)	
1504 - 1511	Dolomite, fine crystalline, buff, trace brown chert, very poor intercrystalline porosity, no stain, no odor, no fluorescence. (El. Log 9% porosity, 65% water saturation)	
Rotary total depth	1524	

COMMENTS AND RECOMMENDATIONS

The No. 1 Langdon was drilled to a total depth of 1524 feet, 43 feet into the Arbuckle dolomite. Structurally the test well was 6 feet lower on the top of the Mississippian than a well in the SE SE NE of Sec. 34 15S 22E. The test well however is the highest Arbuckle recorded for several miles in any direction.

All zones in this test well were very tight. No zones of porosity were developed in the Mississippi that would have produced oil or gas. The Simpson and Arbuckle zones carried light odor or stain; however these formations have very poor porosities and electric log caculations proved them to be water bearing.

Due to the lack of prospective shows the No. 1 Langdon was abandoned and plugged as a dry hole.

H. C. Hopkins

H. C. Hopkins
Consulting Geologist