

WELL COMPLETION REPORT AND DRILLER'S LOG

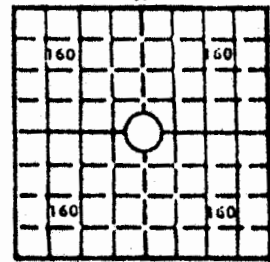
API No. 15 — 047 — 20,881
 County Number

S. 16 T. 25S R. 18W E
 W

Loc. SE/4 SE/4 SW/4

County Edwards

640 Acres
 N



Locate well correctly

Elev.: Gr. 2,170'

DF _____ KB _____

Operator
Brunson Spines, Inc. / Brunson Production, Inc.
 Address 200 Corporate Pl., 125 N. Emporia
525 Fourth Financial Center, Wichita, Kansas 67202

Well No. 1 Lease Name E. Schaller

Footage Location
 feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor Red Tiger Drilling Company Geologist T. G. Wright

Spud Date 7/16/81 Date Completed 7/29/81 Total Depth 4,650' P.B.T.D. _____

Directional Deviation _____ Oil and/or Gas Purchaser _____

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	603'	Light weight Common	200 sx 150 sx	3% C.C. 2% Gel, 3% C.C.
Production	7 7/8"	4 1/2"	10.5#	4650'	HLC Common	75 sx 125 sx	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3	4 1/2"	4588-4598'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4554.74	

ACID, FRACTURE, SHOT, CEMENT SOUZZA RECORD

Amount and kind of material used	Depth interval treated
15% 500 gal. MCA	
14,000 gal. Nitrogen foam	

INITIAL PRODUCTION

Date of first production waiting for hookup Producing method (flowing, pumping, gas lift, etc.) gas

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	_____ bbls.	200 _____ MCF	_____ bbls.	_____ CFPB

Disposition of gas (vented, used on lease or sold) _____ Producing interval(s) Miss.

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Brunson-Spines, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas

Well No. 1 Lease Name E. Schaller

S. 16 T. 25S. R. 18W. E. W.

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & Red Bed	0	340		
Sand, Clay & Shale	340	610		
Sand & Shale	610	1010		
Sand, Red Bed & Shale	1010	1575		
Red Bed & Shale	1575	1921		
Lime & Shale	1921	4650		
RTD		4650		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Signature
 President
 Title
 Aug. 28, 1981
 Date

IND 8

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 # 5350
Name Brunson Production, Inc.
Address 200 Corporate Pl., 125 N. Emporia
Wichita, KS 67202
City/State/Zip

Purchaser KNEnergy

Operator Contact Person W. S. Brunson
Phone 316-264-3781

Plug. Contractor: License # 6698
Name Nicholas Casing Pulling

Wellsite Geologist
Phone

Designate Type of Completion Plugging comp. 1/27/81
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Plugged 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
7/16/81 7/29/81 8/20/81
Spud Date Date Reached TD Completion Date
4650
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 603 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

API NO. 15-047-20,881
County Edwards
SE SE SW Sec. 16 Twp. 25S Rge. 18 East West

330 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

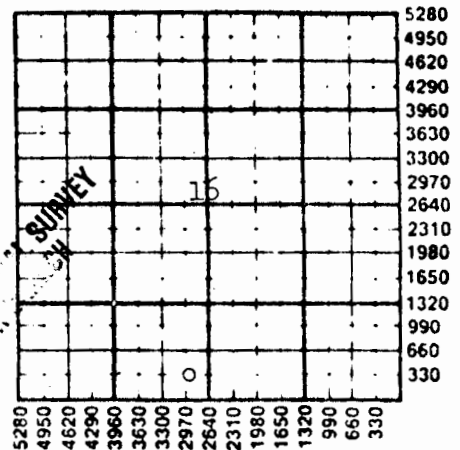
Lease Name E. Schaller Well # 1

Field Name Unnamed

Producing Formation Miss

Elevation: Ground 2170' KB 2175

Section Plat



JUL 24 1981
KANSAS
WICHITA

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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

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

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

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. Rule 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.

Operator Name Brunson Production, Inc. Lease Name E. Schaller Well # 1

Sec..... 16 Twp... 25S Rge... 18 East West County..... Edwards

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

DST#1:4580-4600,30, shut in; 30,open 1 hr. and packer seat failed. Strong blow first open period. Gas to surf. in 5", gauged 194MCF, gauged 194 MCF thruout test Rec.1200' of mud, no show of oil or water. IFP 114#, TBHP1424/30".
 DST#2:4574-4600,30,30,120,90. Strong blow immediately, gauged 141 MCF. Max. gauge 216 MCF, stabilized at 177 MCF. Rec.150' slightly gas cut mud, no evidence of oil/water. IFP103#-114E, ISIP 1394#/30"; FFP 103#-93#; FSIP 1353#/90".
 DST#3:4600-4620;30,30,30,30; weak-decreasing blow for 30" and died. No blow second open period. Rec. 85' mud, no show of oil/water. IFP 41#-62#, ISIP 1609#/30", FFP 62#-103#, FSIP 1548#/30". Note: Bottom Chart plugged, slid tool 6-8 feet on initial opening. Upper chart recorded pressures.

Name	Top	Bottom
Heebner Shale	3908	
Brown Lime	4033	
Lansing	4043	
Base of KC	4402	
Marmaton Lime	4416	
Cherokee Shale	4532	
Miss. Chert	4584	
Kinderhook Shale	4625	
Kinderhook Sand	4631	
Total Depth	4650	

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
Surface Production		8-5/8"	new 24#	603		350 sx	
		4-1/2"	used	4650	Light 6% Jell	75 sx	
					common	125 sx	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3	4588 - 4598	500 gal. 15% MCA 14000 gal. nitrogen foam	

TUBING RECORD

Size 2-3/8" Set At 4554.74' Packer at _____ Liner Run Yes No

Date of First Production | Producing Method

Flowing Pumping Gas Lift Other (explain.....)