

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY
INDEPENDENCE, KANSAS

Company Croft and Sonners,
Moline, Kansas.

S. T. R. 15-S1-10
County Elk
State Kansas
Lease and Well No. Ames #1

Contractor John Croft and Son, Moline, Kansas.

Drilling
Commenced

Drilling
Completed

March, 1925.

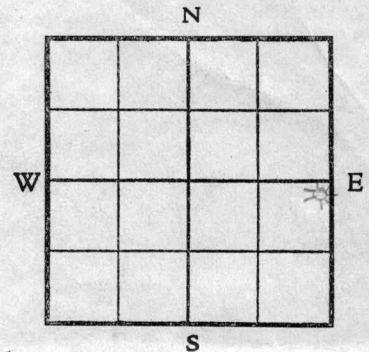
Initial
Production

Est. $\frac{1}{2}$ million gas in shallow sand
actual test 260,640 by Priest
after had drilled in-to water.

Initial Rock
Pressure

Location NE corner of the SE $\frac{1}{4}$. (250' location).

Casing 12 $\frac{1}{2}$ "-460' 750'-10"



Driller's Record of Formations

soil dark soft	5	5	lime white hard	5	678
lime hard	15	25	shale light soft	14	692
shale light soft	10	30	sand " "	8	700
lime " hard	10	40	set 10" casing at 750'		
shale " soft	5	45	shale light soft	105	805
lime " hard	15	60	lime gray hard	95	900
shale " soft	15	75	shale light hard	135	1085
lime " hard	5	80	lime light hard	5	1090
shale " soft	10	90	shale black soft	5	1095
lime " hard	10	100	shale blue hard	20	1115
red bed soft	10	110	gas at 1120'		
shale light "	15	125	sand soft	25	1140
lime " hard	5	130	lime hard	5	1150
shale " soft	10	140	shale white	15	1165
			lime hard	10	1175
lime " hard	25	155	shale blue	3	1178
shale light soft	20	175	lime hard	82	1260
red bed "	5	180	sand water	40	1300
lime " hard	15	195	lime hard	30	1330
shale " soft	80	275	shale blue	5	1335
sand " "	15	290	lime hard	48	1383
shale " "	20	310	sand water	25	1408
lime " hard	5	315	HFW.		
shale " soft	10	325			
lime " hard	20	345			
shale " soft	5	350			
lime " hard	5	355			
shale " soft	15	370			
red bed "	5	375			
shale " "	5	380			
sand " "	35	415	water		
shale " soft	10	425			
sand " "	5	430			
red bed	30	460	set 12 $\frac{1}{2}$ " pipe		
shale light soft	20	480			
lime " hard	10	490			
shale " soft	25	515			
shale sand "	150	665			
red bed soft	8	673			

Will plug back and save as a
gas well.