

WELL LOG

1966-CSD-02511
36-28-16E
Umberger

Farish & Bruns

No. 2 Gas Well

Contractor: K-K Drilling Co.
Chanute, Kansas

Section 36-28S-16E
Wilson County, Kansas

Casing: 16.5' - 8 1/2"
350.5' - 7"
642' - 5 1/2"

Elevation: 872

Sent in by J. E. Guinotte

Comm. Drig - May 28, 1966
Comp. Drig. - June 20, 1966

THICKNESS
OF STRATA

FORMATION

DEPTH

THICKNESS OF STRATA	FORMATION	DEPTH
1	Soil	1
6	Clay	7
23	Lime & Shale	30
6	Shale	36
4	Lime	40
16	Shale	56
24	Lime	80
10	Shale	90
8	Sand	98
2	Lime	100
14	Shale	114
6	Lime	120
10	Shale	130
15	Lime	145
6	Shale	151
78	Lime	230
4	D. shale	234
13	Lime	247
5	Shale	252
15	Lime	277
5	Shale	282
52	Lime	334
16	Shale	350
68	Gray shale	418
13	Sand	431
17	Lime	448
67	Shale	515
15	Sdy shale	530
2	Shale	532
33	Lime	565
42	Shale	607
20	Lime	627
9	Black shale	636
4	Lime	640
2	Shale	642
10	Sdy shale	652
5	Sand	657
1	Shale	664



3 B.W.F.H.

H.F.W.

S.L.M. 350 1/2 - Ran 7" csg.

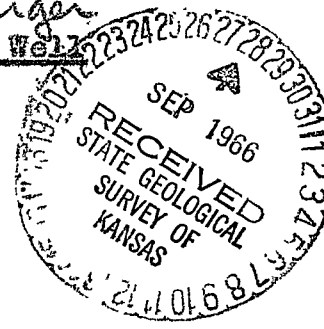
S.L.M. @ 642
Ran 642' of 5 1/2" csg.

75,000 cu.ft. gas
Gray fine grd sd - gas
84,000 cu.ft. gas - open flow
5 1/2" leaking

T.D. 664' - Electric Log 664.5' T.D.

June 1966:

Ran 8" of perf. anchor
4' of packer set at 650'
Tallied and T.D. did not check



Parish & Gruns

umbarger
No. 2 Gas Well

Hole in 5 1/2"
Pulled 2" and packer
Ran Gamma-Ray log - T.D. 664.5
Hole in 5 1/2" - 100' off bottom
Pulled 5 1/2" - replaced and ran back in

No gas
Set over night - 200' fluid in hole - puff of gas
Bailed on hole - making 1 B.W. in 10 minutes
Ran 200 gals of water mixed with suds and more flow - set 4 hrs.
Ran dye in annulus (5 1/2" and 7")
Bailed hole down - bailed 1 bailer every 10 minutes.

Pulled 5 1/2" - tested w/700 lbs. - 2 holes found - replaced and ran
5 1/2" back in - bailed hole down.
Cleaned out cavings - bailing water - showed 3 bailers - 10 min.
Slight show gas coming back.
Bailing on hole - did not dry up

Drilled ahead - June 11, 1966

72	Shale	738	Hole making 3 BH/run - show ga
3	Sand	741	Fine grd tan/gray sd - 2 BH run
5	Sand	746	Tan/gray med Grd sd - 35M cu. ft. gas
6	Sand	752	Tan/gray sd - 75 M cu.ft. gas
6	Sandy shale	758	Gray sd shale - high press.
3	Sand	761	Gray/tan med Gd - 149 M cu.ft. gas
2	Sand	763	Gray med grd sd - 213 M cu.ft. gas
2	Sand	765	Gray med Grd sd - 238 M cu.ft. gas

T.D. 765

Ran 765' of 2" 10 rd tubing
Seating nipple @ 733.5
Circ. 52 sax cement by Consolidated Oil Well Service
Flash - set plug pumped to 158 - 1500 Psi Press
Shut in - waiting on small tools

June 15, 1966

Moved on Notary Rig - Drilling out cement - averaged 25' hr.

June 18, 1966

Drilled & reamed to 765 T.D.
Gir. barrel acid & washed hole
Ran logging tool. Stopped in seating nipple
Drilled & reamed again to T.D.
Re-ran logging tool - did not go to bottom
Shut rig down

Umberger

June 20, 1966

Reamed out below seating nipple
Ran logging tool to 751 - would not go deeper
Put on collar log - Ran to 764 T.D.
Perf. w/6 shots - 754 -764, washed up hole
Spotted 1 bbl/acid on bottom - no in crease in gas

Fraced w/500 gals. acid - 5 sack sand
Swabbed load back - Ran 1" string with perfs at 750' - Est. 237 M Cu.
ft. gas, 110 Psi pressure

