

15-35-33W

WELL LOG BUREAU-- KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg., Wichita, Kansas

Company. STANOLIND O & G CO.
Farm. Pearl Feathers No. 1

SEC. 15 T. 35 R. 33 W
SW₄ NE
330' NSL & 330' EWL of NE₄

Total Depth. 8243' PB 6206'
Comm. 9-2-46 Comp. 1-3-47
Shot or Treated.
Contractor.
Issued. 7-5-47

County. Seward
KANSAS



CASING:

13 3/8" 651' Cem. w/700 sx.
9 5/8" 2487' Cem. w/500 sx.
5 1/2" 6152' Cem. w/800 sx.

Elevation. 2823 feet

Production. 20 min. open flow
4,970,000 Gas.

Figures Indicate Bottom of Formations.

cellar	0-15	lime sdy	4593	dolomite	7944
sand & shale	185	lime	4609	lime cherty	7958
sand & gravel	580	shale	4615	lime	7981
clay red	600	shale & lime	4658	sand	
red rock	651	shale	4694	shale	7992
red bed	1055	lime & shale	4798	shale & sand	8001
sand	1165	lime	4836	lime & shale	8020
shale & shells	1233	shale & lime	4895	lime	8033
red bed & sand		lime	5459	lime	8145
shells	1455	lime & shale	5483	dolomite	8172
sand	1475	shale	5492	lime & dolomite	8188
red bed & shells	1500	shale & lime	5601	dolomite	8197
red bed	1520	shale	5698	lime	8243
anhydrite	1570	shale & sdy lime		Total Depth. PB 6206'	
anhydrite & shale	1590	shells	5818		
sand & shale	1715	lime & shale	5891	Tops:	
shale & sand		shale	6159	Ft. Riley	2820-2875
shells	1780	sand	6183	Lansing	4408-4460
shale & lime shells	1850	lime sdy	6191	Morrow Sand	6156-6182
lime & shale	1940	sand	6200	Missippian	6200
shale w/strks,		lime & shale	6222	Simpson Sand	7965-7980
brkn lime	2060	lime	6238	Arbuckle Lime	8013-8043
shale	2085	lime & shale	6276		
lime hrd	2100	lime	6294	DST Total Depth	2815'
shale	2150	lime & shale	6543	Packer set @	2705'
shale & lime	2198	lime sdy	6546	Tool open 1 hr. w/1/2" choke	
shale sdy	2275	lime & shale	6617	Rec. 390' drlg. mud, no	
shale	2340	lime cherty	6657	show, no odor BHP	525
shale & lime	2365	lime	6740		
anhydrite	2380	lime cherty	6766	DST Total Depth	2895'
shale & anhydrite	2468	lime	6859	Packer set @	2827'
lime	2496	lime & shale	6889	Tool open 1 hr w/1/2" choke	
lime & shale	2545	lime	7029	Rec. 700' salt wtr 100'	
lime sdy	2605	lime & chert	7112	drlg. mud. BHP	550#
lime & shale	2674	lime sdy & chert	7133		
lime	2684	lime	7332	DST Total Depth	3670'
shale	2694	lime cherty	7381	Packer set @	3630'
lime sdy	2725	shale & chert	7386	tool open 1 hr. w/1/2" choke	
shale & lime sdy	2750	lime chert	7396	Rec. 150' drill mud & 60'	
lime	2979	lime	7402	salt wtr., no shows	
shale	3047	lime & chert	7403	BHP	850#
lime	3105	lime	7426		
shale	3173	Dolomitic lime &		DST Total Depth	6645
lime & shale	3185	chert	7450	Packer set @	5603
lime	3295	lime cherty	7456	Tool open 1 hr. w/1/2" choke	
lime & shale	3536	lime	7500	Rec. 15' drlg. mud - no	
lime	3624	lime & chert	7543	show, no odor BHP	0
shale & lime	3862	lime	7578		
lime	3895	lime & chert	7648	Cored: #1 9' 6222-6231'	
lime	3917	lime	7657	Rec. 7'	
lime & shale	3945	lime cherty	7675	4 1/2' buff micro xlyn very	
shale	3970	lime	7753	fossli sli. col. 1st.	
lime	3990	cherty lime	7762	2 1/2' blk micro xlyn sli. shyl	
shale	4055	lime	7775	fssli ls ps.	
lime & shale	4120	lime cherty	7806		
lime brkn	4140	lime	7832	Cored #2 7' 6231-38'	
lime & shale	4178	dolomite & chert	7839	Rec. 6'	
lime brkn	4222	lime	7881	1' brn micro xlyn to dense sli.	
lime sdy & shale	4459	dolomite	7892	fssli ls	
lime	4579	lime	7927	3' drl brn to blk fn slyn to suero	

(OVER)

Stanolind Oil & Gas Co. #1 Pearl Feathers SWc NE of 15-35-33W (Cont'd)

Core #2 (Cont'd)

2' drk brn micro xlyn ls w/ crin frag ns.
no odor, no por. thin blk sh between
breaks.

Cored #3 8' 6238-46'
Rec. 7'

1' blk orin lmy sh & brn dns very crin
6" Tan litho ls.
5½' blk fn suero. lmy sli. shly crin
dol & brn dns vry crin ls ns prs.

DST Total Depth 6246'
Packer set @ 6222'
Tool open 1 hr. w/½" choke
Rec. 420' drlg. mud no odor

Cored #5 9' 6255-6264'
Rec. 2'

1' brn micro xln fssl crin vry ool
calc ls
1' drk gy to blk fn suero lmy shly
dol.

Cored #4 9' 6245-6255'
Rec. 8'

4' blk fssl lmy sh
4' blk to brn micro xlyn crin sli.
cak ls shly @ top

Cored #6 9' 6264-6273'
Rec. 6'

3' brwn micro xlyn fossil, crin
vry oolitic calotic lime faint
odor on fresh break
3' blk pyr. shale.

Cored #7 9' 6276-6285'
Rec. 7'

7' brn micro xlyn to dns tight vry fssl
calc ls sli ool in upper half vry ool
in lower half vry crin at base ns.

Cored #8 9' 6285-6294'
Rec. 6'

2' brn micro xlyn to dns tight vry fssl
calc crin ls vry ool at base - few
gas bub at top
1' blk vry fssl & crin sh - few thin pyr
strks
3' tan dns tight sli fssl ls fssl & calc
iners. towards base grn & brn sh strks
in middle-blk sh seams at base- ns.

Cored #9 7' 6294-6301'
Rec. 5'

2' drk gy to brn dns tight fssl crin ls
w/grn gy sh strks
3' grn gy plty sh.

DST Total Depth 6546'
Packer set @ 6500'
Tool open 1 hr w/32 choke
Rec. 420' mud

DST Total Depth 7041'
Packer set @ 6970
Tool open 1 hr.
Rec. 30' mud & 630' salt wtr - no BHP

Ran Schlumberger

Cored #10 5' 7839-7844'
Rec. 5'

Brn fine xlyn lime fossiliferous
tight - lgt odor in brkn core.

DST Total Depth 7844'

Packer set @ 7828'

Tool open 75 min w/½" choke
Rec. 20' drlg. mud no show no
odor - no BHP

DST Total Depth 7865'

Packer set @ 7845'

Tool open 75 min. w/½" choke
Rec. 75' drlg. mud 30' oil cut mud.
had about 1 pint free oil BHP
1325#

Cored #11 7' 7865-7872'

Rec. 6½'

Brn very fine xlyn lime, dolomitic,
fossiliferous tight brkn core has odor.

Cored #12 7' 7881-7888'

Rec. 5½'

Tan med xlyn dol. fair por. good odor
sli. show of oil

DST total Depth 7888'

Packer set @ 7872'

Tool open 1 hr. w/½" choke
Rec. 60' mud & 360' salt wtr
sli. odor of gas-No BHP

Cored #13 4' 7921-7925'

Rec. 3'

Tan to lgt brn, fine to med xlyn dolo
very sli. por. lft odorless stain.

Cored #14 5' 7939-7944'

Rec. 4'

Tan & lgt brwn med to crs-xlyn
dol. some por. - have wtr in core.

DST Total Depth. 8005'

Packer set @ 7955'

Tool open 75 min. w/½" choke
Rec. 480' drlg. mud - no BHP

DST Total Depth 8100'

Packer set @ 8023'

Tool open 1 hr w/½" choke
Rec. 210' drlg. mud - no BHP

DST Total Depth 8243'

Packer set @ 8103'

Tool open 1 hr. w/½" choke
Rec. 390' drlg. mud @ 2340'
Salt wtr.

Schlumberger Electric log to TD

Plugged back to 6206'

~~1-24-47 - 500 gal. mud acid. 1500 - 3000~~
flush, time 1 hr. & 46 mins.