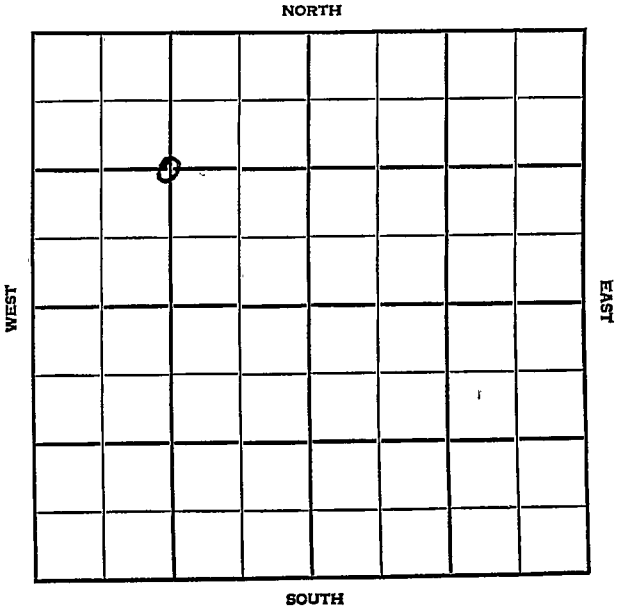


Section 13 Township 31 Range 32W

Well No. 1 Satterfield

Company Northern Pump



Seward KANSAS

SEC.	TWP.	R.
13	31	32W

WELL NO.

1 Satterfield

FARM

COMPANY

Northern Pump

CONTRACTOR

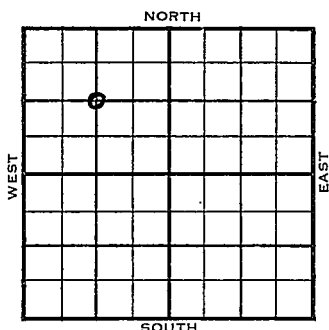
Hugoton Pool

1320 Ft. from N. Line

Ft. from S. Line

Ft. from E. Line

1320 Ft. from W. Line

C NW/4
CRA FO

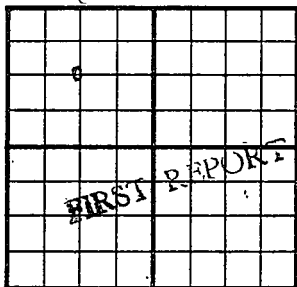
	ELEVATION	REPORT
1954	2387-2837'	

Deep Test

9/8 12" @ 669'
Drlg. 895'

10/27 Spud 8-31-54 Gas well TD 5556
 12" @ 669 Heeb 1328 Lans. 4276
 DST 4530-50 open 1 hr rec 170' WCM
 1305# DST 5050-5110 open 1 hr red
 10' mud. 1040# B KC 4884 Cherokee
 5070' Morrow sd 5380'
 DST 5390-5450 open 1 hr rec 75' mud
 1815# Miss. 5470' TD 5556 7" @ 2750
 CO to 2709 72/2632-44 72/2664-76
 Solofrac Comp. 14,000,000 CFGPD
 433# Her. 2627 KrD. 2660' Win 2706
 Tow. 2755'

COMPLETED

County Seward State KansasSec. 13 (Blk. Twp.) 31 (Sur. Rge.) 32W Map No.Operator Northern PumpWell No. 1 Farm SatterfieldElev. 2387 Location C NW/41320 Ft. From N Line NW1320 Ft. From W Line Quarter1st. Report SEP 8 1954

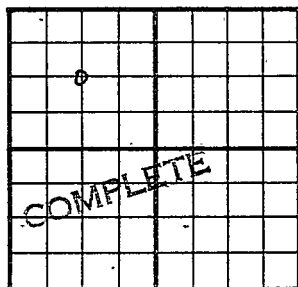
Completion

Remarks CRA farmout
Deep test

Spudding Date

Drlg. Data Hugoton Pool12" @ 669 drlg. 895

FABEN GILSTRAP

County Seward State KansasSec. 13 (Blk. 31 (Sur. 32W Map No.)
(Twp.) (Rge.)Operator Northern PumpWell No. 1 Farm SatterfieldElev. 2837 corr. Location C NW/41320 Ft. From N Line NW1320 Ft. From W Line Quarter1st. Report OCT 27 1954Completion Remarks Hugoton PoolSpudding Date 8-31-54Drlg. Data Gas well TD 555612" @ 669 Heeb. 1328 Lans. 4276DST 4530-50 open 1 hr. Rec. 170' wcm1305# DST 5050-5110 open 1 hr. Rec.10' mud 1040# B KC 4884 Cherokee 5030Morrow sd. 5380 DST 5390-5450 open 1 hr.Rec. 75' mud 1815# Miss. 5470TD 5556 7" @ 2750 CO to 270972/ 2632-44 72/ 2664-76 dolofracComp. 14,000,000 cf gpd 433#Her. 2627 Kri. 2660 Win. 2706Tow. 2755

FABEN GILSTRAP