

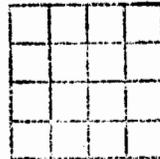
21-34-21W

Company- SUNRAY OIL CORPORATION
Farm- Harper No. 1

SEC. 21 T. 34 R. 21W
CSE SE

Total Depth. 7350
Comin. 3-10-52 Comp. 5-8-52
Shot or Treated.
Contractor. R. W. Rine Drilling Co.
Issued. 9-6-52

County Clark
KANSAS



CASING:
8" 2388
5 1/2" 5615

Elevation. 1779(m) 1782 RB
Production. 6,500,000 gas

Figure 1. Well Data for Farm Cons.

surface sand, shale 100
sand, red bed 120
sand, gravel 265
red bed 338
cht. plug - shale, sand, shells 1768
shale, lime 3825
shale 4230
shale, lime 4460
lime 4734
lime, shale 4880
lime 4955
lime, shale 5270
shale 5330
lime, shale 5398
sand 5410
shale, lime 5493
sand, shale 5550
shale 5565
lime, shale 5620
lime 5675
lime, shale 5720
lime 5730
lime, shale 5780
lime 5905
lime, shale 5925
lime 5975
shale, chert 5997
lime 6002
shale, lime 6070
lime 6098
shale, lime 6155
lime 6350
shale, lime 6420
lime sdy 6435
chert 6530
sand, lime 6556
chert, sand & lime 6590
chert, lime & shale 6648
chert, sand 6695
chert- lime & sand 6718
shale, lime 6763
dolomite, lime 6800
lime, shale 6875
lime - shale, chert 6920
lime, chert 6982
lime 7026
lime, chert 7057
lime 7090
lime, shale 7150
shale, sand 7180
lime 7280
lime, shale 7350

Marmaton 5078
Cherokee 5238
Marrow 5405
Mississippi 5547
St. Genevieve 5726
St. Louis 5837
Spargen 6006
Warsaw 6172
Cowley 6407
Viola 6897
Simpson Dolomite 7089
Simpson Shale 7106
Simpson Sand 7152
Arbuckle 7177

DST 5366-5410, op 1 1/2 hr. rec. 60' m, 500# BHP.

DST 5461-93, op 30" gas in 3 1/2" gauge 6 mcfg, rec. 425' SW, BHP 2060#. FFP 770#.

DST 5540-50 op 2 hrs. rec. 60' M. VSSO, 270' G. BHP 325#. RTD 7350.

CO 5584, 28/5536-45, sqz. CO 5580, 28/5536-45 1250-A; Hydrafrac-3; PE 5492; 24/5452-60; Test 6,500,000 cfg; 34/64" choke; 800# tubing press. 2 BDist per hr. 6-7 BWP complete Shut in Gas Well;

Total Depth RTD
Tops:
Elgin 4136
Hebner 4240
Lansing 4459