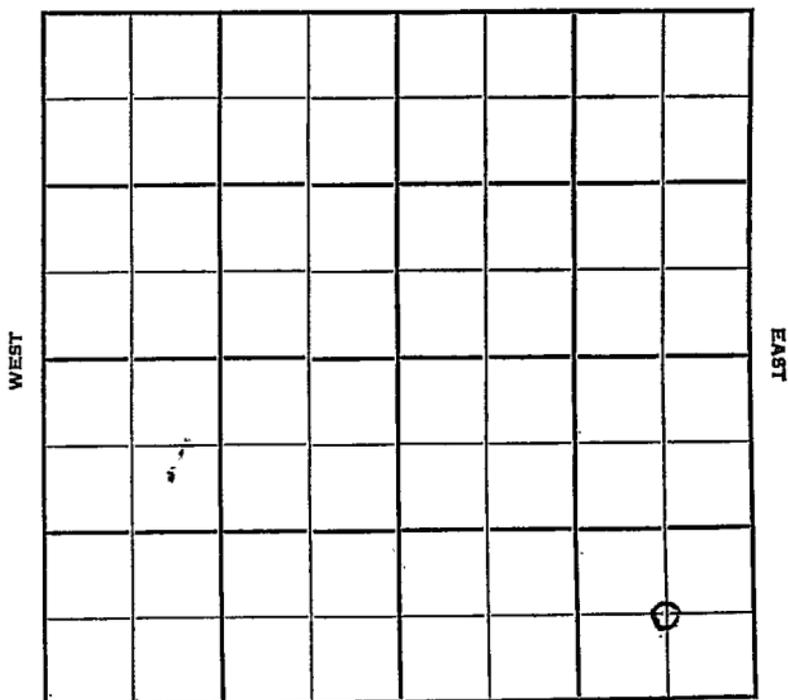


Section 21 Township 34 Range 21 W

Well No. # 1 Harper

Company Sunray Oil

NORTH



SOUTH

Clark County, Kansas
21-31S-21W
#1 Harper
Sunray Oil Company
Center SE SE

Elevation.....	1779	Viola.....	6897
Top Heep.....	3241	Simpson.....	7089
Top Kansas City.....	4459	Arbuckle....	7177
Top Cherokee.....	5238		
Top Miss.....	5547		

Took DST 5540-50 open 2 hours Recovered
270 feet gas & 60' mud rainbow show oil

5" casing set 5615
Total Depth 7350

Perf 28 holes 5536-45 Recovered mud and water
Perf 24 holes 5452-60 7,400,000 CFGPD

Completed 5-28-1952

Well No. #1 Harper Farm

Sunray Oil Company

Rine Drlg. - Contr. Contractor

Wildcat

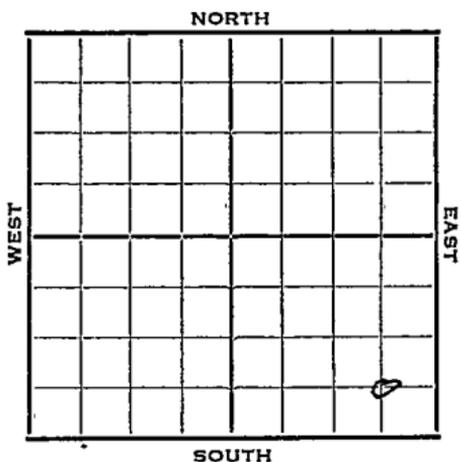
_____ Ft. from N. Line

660' Ft. from S. Line

660' Ft. from E. Line

_____ Ft. from W. Line

C SE SE



1952	Elev. 1779' REPORT
3/12	RUR
3/19	16" @ 118 13" @ 359 Drlg. 1758'
3/25	8" @ 2388' Drlg 3320'
4/1	Heeb 3241' KC 4459' Drlg. 4686'
4/15	Drilling 5931' (Sunray)
4/9	Cherokee 5238 DST 5394-5410 pkr. failed DST 5366-5410, 1 1/2 hrs. 60' m 900# Drlg. 5419'
4/15	Top Mississippi 5547 T.D. 5931 Took DST 5540-50 Open 2 hours Recovered 270 feet gas " 60' mud slight rainbow show Found little free oil in tool BHP 325# in 20 minutes Drilling ahead 5931 (Sunray)
4/21	Drilling 6559 <u>No more shows of oil</u>

OVER

1952

4/23 DST 5461-93', 1/2 hr, gas 3 $\frac{1}{2}$ " , 6 M
425' SW, 2060#
Miss 5547'

DST 5540-50', 2 hrs, 60' M VSSO,
220' gas 325#

Schl tops: Elgin Sd 4136', Heeb
4252', Lans. KC 4460', Miss 5547'
St. Louis 5837', Warsaw 6172',
Cowley 6407',
Drlg. 6648'

4/30 St. Jo 6878', V. 6897', Simp 7089',
Arb. 7177'
Drlg. 7271'

5/7 RTD 7350' 5" @ 5615

5/14 CO 5584' 28/ 5536-45 fill up
3000' m & wtr. 1 hr. to sq. off.

5/21 CO 5580 28/ 5536-45 dry 250 A
3 Hydra 4 BO& 2 Bwph for 6 hrs.
400,000 gas PB 5492' 24/ 5452-60

5/28 Spud 3-12-52

Gas Well TD 7350
16" @ 118 13" @ 359 8" @ 2388
Heeb. 4241 KC 4459 Marm 5078
Cherokee 5238

DST 5394-5410 failed

DST 5366-5410 opn 1 $\frac{1}{2}$ hr. Rec. 60' mud

DST 5461-93' opn $\frac{1}{2}$ hr. gas 3 $\frac{1}{2}$ " min
gauge 6 mcfg 425' sw Miss 5547

DST 5540-50 opn 2 hr. Rec. 60' mud
270' gas Elgin sand 4136 Mor. 5405

Heeb. 4252 Lans. 4460 Miss 5547

St. Louis 5837 Warsaw 6172

Cowley 6407 St. Jo 6878

Viola 6897 Simp. 7089 Arb. 7177

TD 7350 5" @ 5615 CO to 5584

28/5536-45 FU 3000' mud & wtr 1 hr.

CO to 5580 28/5536-45 dry 250 A

3 Hydro 4 bo 2 bwph 400,000 cfg

PB 5492 24/5452-60 7,400,000 gas

10 gsw Comp. shut in gas well

COMPLETED

County Clark State Kansas

Sec. 21 (Blk. 34) (Sur. 21W) (Rge.) Map No.

Operator Sunray Oil

Well No. 1 Farm Harper

Elev. 1779 Location C SE SE

660 Ft. From S Line SE

660 Ft. From E Line Quarter

Ist. Report

Completion MAY 28 1952

Remarks Wildcat

Rine Drlg. - Contr.

Spudding Date 3-12-52

Drlg. Data Gas well TD 7350

16" @ 118 13" @ 359 8" @ 2388

Heeb. 4241 KC 4459 Marm. 5078

Cherokee 5238 DST 5394-5410 failed

DST 5366-5410 open 1 1/2 hr. Rec. 60' mud

DST 5461-93 open 1/2 hr. gas in 3 1/2 min.

gauge 6 mcfg 425' sw Miss. 5547

DST 5540-50 open 2 hr. Rec. 60' mud

270' gas Elgin sand 4136 Heeb. 4252

Lans. 4460 Miss. 5547 St. Louis 5837

Warsaw 6172 Cowley 6407 St. Jo 6878

Viola 6897 Simp. 7089 Arb. 7177

TD 7350 5" @ 5615 CO to 5584

28/ 5536-45 FU 3000' mud & water 1 hr.

CO to 5580 28/ 5536-45 dry 250 A

Scout Cards
 Land Small Map
 Land Wall Map
 Tracings
 France Map
 Pierce Map
 Misc.

19 JUN 1952

1952

3-Hydro. 4 bo 2 bwpn 400,000 cfs
 PB 5492 24/ 5452-60 7,400,000 gas
 10 gsw Comp. shut in gas well

Drig. Data

MAR 14 1952

Scout Cards
Land Small Map
Land Wall Map
Tracings
France Map
Pierce Map
Misc.