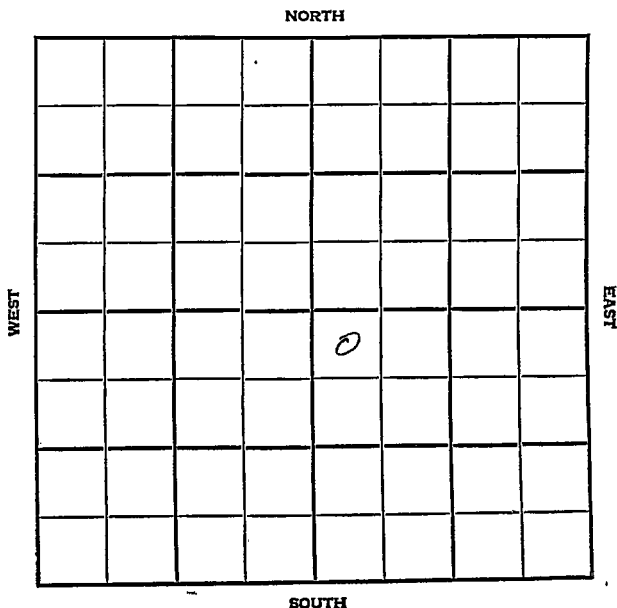


DX 78-1

Stafford

KANSAS

Section 16 Township 24 Range 14WWell No. #1 CottenCompany Sunray Mid-Continent

|          |      |          |        |
|----------|------|----------|--------|
| HOT FILE |      | Stafford | KANSAS |
| SEC.     | TWP. | R.       |        |
| 16       | 24 S | 14W      |        |

WELL NO.

#1 Cotten

FARM

COMPANY

Sunray-Mid-Continent (DEVELOPMENT)

CONTRACTOR

Stickle

Dillwyn Area

FT. FROM N. LINE

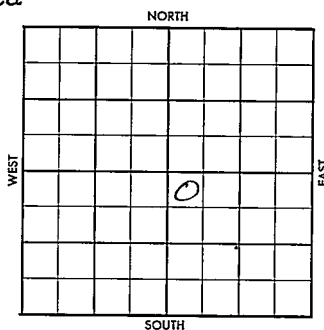
2260

FT. FROM S. LINE

2410'

FT. FROM E. LINE

FT. FROM W. LINE

of SE  $\frac{1}{4}$   
NW NW SE

|      | ELEVATION                                                                                               |
|------|---------------------------------------------------------------------------------------------------------|
| 1956 | est 1980 RB; 1975 RB                                                                                    |
|      | 4300' Arbuckle Test                                                                                     |
| 7-3  | Location (FR Tkt)                                                                                       |
| 7/19 | Spudded 7-18-56<br>8-5/8" @ 291' WOC.<br>TD 293' (DR#140)                                               |
| 7/20 | Drlg. 1180'                                                                                             |
| 7/23 | Drlg. 2980'                                                                                             |
| 7/24 | Drlg. 3420'                                                                                             |
| 7/25 | Drlg. 3697'                                                                                             |
| 7/26 | Drlg. 3880'                                                                                             |
| 7/27 | Drlg. 4072'                                                                                             |
| 7/30 | TD 4306'. WOC - 5 $\frac{1}{2}$ " @ 4304'                                                               |
| 7/31 | TD 4306' MICT                                                                                           |
| 8/1  | TD 4306' Bailing.                                                                                       |
| 8/2  | TD 4306'. Prep to test.                                                                                 |
| 8/3  | TD 4306'. Tested @ 72 bbls oil Day Rat                                                                  |
| 8/6  | TD 4315'. Swabbed @ 424 bbls oil<br>Day Rate. Open hole 4304-4315',<br>Arbuckle Zone. COMPLETE (DR#152) |
| 8-13 | Anhy 915'; Heeb. 3536'; Br. 1m 3679';<br>Lans. 3699';<br>Drlg. 3750'                                    |
| 8-23 | Arb 4311<br>TD 4314';<br>5 $\frac{1}{2}$ " @ 4314'                                                      |

OVER

1956

8-29 Spud 7-18-56  
8 5/8" @ 291 w/300  
5 1/2" @ 4304 w/150  
CO. 4306  
S/ 24 BO , no wtr., 8 hrs.  
DD 4309  
S/ 1 1/2 BOPH, no wtr., no time  
DD 4312; no inc.  
S/ 2 BOPH, no wtr., no time  
FU 1600' oil, immediately  
S/ 87 BO, no wtr., 4 1/2 hrs.  
P/ 122 BO, no wtr., 10 hrs.  
Ph. P/ 449 BOPD no wtr.  
Anh. 917'; H. 3521'; L. 3684'; A. 4303';  
Log tops:  
H. 3521'; Dg. 3558'; Bl. 3665'; L. 368  
BKC 3946'; M. 4055'; V. 4165'; S. 4245';  
A. 4303'  
TD 4306'

COMPLETED

13

County Stafford Elev. \_\_\_\_\_  
 Sec. 16 Twp. 24 Rge. 14W  
 Company Sunray Mid-Continent  
 Farm Name Cotten No. 1

| TOPS   | DEPTH | LOG | DATUM | Loc. in Sec. |
|--------|-------|-----|-------|--------------|
| Anh.   |       |     |       | NW NW SE     |
| Tr.    |       |     |       | 2260' SL     |
| H.     |       |     |       | 2110' EL     |
| Tr.    |       |     |       |              |
| Dg.    |       |     |       |              |
| BL.    |       |     |       |              |
| L.     |       |     |       | Geol.        |
| K.C.   |       |     |       | Contr.       |
| B.K.C. |       |     |       | Stickle      |
| Ce.    |       |     |       | Pool Little  |
| C.     |       |     |       | Dillwyn      |
| M.     |       |     |       |              |
| M.     |       |     |       |              |
| K.     |       |     |       |              |
| Mz.    |       |     |       |              |
| Me.    |       |     |       |              |
| V.     |       |     |       |              |
| S.     |       |     |       |              |
| S.     |       |     |       |              |
| A.     |       |     |       |              |
| R.     |       |     |       |              |
| PE.    |       |     |       |              |
| G.     |       |     |       |              |
| T.D.   |       |     |       |              |

FIRST REPORT  
 JUL 3 '56

Date Comm.

Location

JUL 1 1956

County Stafford Elev. est 1980 RB  
 Sec. 16 Twp. 21 Rge. 11W 1975D7  
 Company Amra - Continent  
 Farm Name Not on No. 1

|        | DEPTH       | LOG         | DATUM | Loc. in Sec.    |
|--------|-------------|-------------|-------|-----------------|
|        | <u>217</u>  |             |       | <u>17 in 5'</u> |
| H.     | <u>3521</u> | <u>3521</u> |       | <u>2200' 5'</u> |
| Tc.    |             |             |       | <u>2200' 5'</u> |
| Dg.    |             | <u>3558</u> |       |                 |
| Bl.    |             | <u>3665</u> |       |                 |
| L.     | <u>3684</u> | <u>3684</u> |       |                 |
| K.C.   |             |             |       | Geol.           |
| B.K.C. |             | <u>3946</u> |       | Contr.          |
| Ce.    |             |             |       | <u>Stickle</u>  |
| C.     |             |             |       |                 |
| M.     |             | <u>4055</u> |       | Pool            |
| M.     |             |             |       | <u>Willow</u>   |
| K.     |             |             |       |                 |
| Mz.    |             |             |       |                 |
| Mo.    |             |             |       |                 |
| V.     |             | <u>4165</u> |       |                 |
| S.     |             | <u>4245</u> |       |                 |
| S.     |             |             |       | COMPLETE        |
| A.     | <u>4303</u> | <u>4303</u> |       |                 |
| R.     |             |             |       |                 |
| Pe.    |             |             |       |                 |
| G.     |             |             |       |                 |
| T.D.   | <u>4306</u> |             |       |                 |

Date Comm.

AUG 29 1956

Location JUL 11 '56 Loc. JUL 18 '56JUL 25 '56 330' Loc. Spd 7-18-568 1/2 @ 291/300 Ank. 917AUG 1 '56 H6 3521 L59 3684 Arb 4303RTD 4306 5 1/2 @ 4304/150 MICTAUG 13 '56 Co 4306 \$ 24 Bono/w 8 hrs DD 4309 \$ 1 1/2 Bophno/w no time DD 4312 no inc 1 1/2\$ 2 Boph no/w no time DD

4315 TD FU 1600' all immeda

\$ 87 Bo no/w in 4 1/2 hrs

T&amp;R AUG 15 '56 PoP AUG 22 '56

P. 122 Bo no/w in 10 hrs. wo

st. tst AUG 29 '56 X Ph P 449

Bapd no/w in Arb O.H

4304 - 4315 TD