

# KANSAS

COMPANY Thunderbird Drlg.

NE NE NE

EAST

SOUTH

County Barton Elev. \_\_\_\_\_  
Sec. 17 Twp. 17 Rge. 13W  
Company Thunderbird Drlg.  
Farm Name Putnam No. 1

| TOPS   | DEPTH | LOG | DATUM | Loc. in Sec.  |
|--------|-------|-----|-------|---------------|
| Anh.   |       |     |       | NE NE NE      |
| TP.    |       |     |       |               |
| H.     |       |     |       |               |
| Tr.    |       |     |       |               |
| Dg.    |       |     |       |               |
| Bl.    |       |     |       |               |
| L.     |       |     |       | Geol.         |
| K.C.   |       |     |       | Contr.        |
| B.K.C. |       |     |       | Co. tools     |
| Ce.    |       |     |       | Pool          |
| C.     |       |     |       | N. Hoisington |
| M.     |       |     |       |               |
| M.     |       |     |       |               |
| K.     |       |     |       |               |
| Mz.    |       |     |       |               |
| Mq.    |       |     |       |               |
| V.     |       |     |       |               |
| S.     |       |     |       |               |
| S.     |       |     |       |               |
| A.     |       |     |       |               |
| R.     |       |     |       |               |
| PE.    |       |     |       |               |
| G.     |       |     |       |               |
| T.D.   |       |     |       |               |

Date Comm. 5-20-57  
8" @ 311/200 WOC

*[Handwritten signature]*

|           |                   |       |      |     |
|-----------|-------------------|-------|------|-----|
| County    | Barton            | Elev. | 1952 | Co. |
| Sec.      | 17                | Twp.  | 17   |     |
|           |                   | Rge.  | 13W  |     |
| Company   | Thunderbird Drlg. |       |      |     |
| Farm Name | Putnam            | No.   | 1    |     |

| TOPS   | DEPTH | LOG | DATUM | Loc. in Sec.  | Lse. |
|--------|-------|-----|-------|---------------|------|
| Anh.   | 825   |     |       | NE NE NE      |      |
| Tp.    |       |     |       |               |      |
| H.     | 3102  |     |       |               |      |
| Tr.    |       |     |       |               |      |
| Dg.    |       |     |       |               |      |
| Bl.    | 3186  |     |       |               |      |
| L.     | 3196  |     |       |               |      |
| K.C.   |       |     |       | Geol.         |      |
| B.K.C. |       |     |       | Contr.        |      |
| Ce.    |       |     |       | Co. tools     |      |
| C.     |       |     |       |               |      |
| M.     |       |     |       | Pool          |      |
| M.     |       |     |       | N. Hoisington |      |
| K.     |       |     |       |               |      |
| Mz.    |       |     |       |               |      |
| Mq.    |       |     |       |               |      |
| V.     |       |     |       |               |      |
| S.     |       |     |       |               |      |
| S.     |       |     |       |               |      |
| A.     | 3412  |     |       |               |      |
| R.     |       |     |       |               |      |
| Pe.    |       |     |       |               |      |
| G.     |       |     |       |               |      |
| T.D.   | 3415  |     |       | COMPLETE      |      |

Date Comm. 5-20-57

8" @ 311/200 WOC MAY 29 '57 DST 3215

-70 1 hr run 900' GIP run

150' O.G. GCM + 60' V.H. GCM

BHP 983/20 @ 3320 JUN 5 '57

5 1/2 3413 MICT JUN 12 '57 CO 3415

FU 700' oil no/w 4 hrs T.R.

JUN 19 '57 fcp JUN 26 '57 JUL 3 '57 JUL 10 '57 JUL 17 '57

JUL 24 '57 JUL 31 '57 AUG 8 '57 AUG 14 '57 Ph P.

55 Bopd no/w grav 38°