#### STATE OF KANSAS STATE CORPORATION COMMISSION

Giye All Information Completely Make Required Affidavit Mail or Deliver Report to: Conservation Division State Corporation Commission 800 Bitting Building

# WELL PLUGGING RECORD

| 800 Bitting Building<br>Wichita, Kansas   | •  | Kooks  | Coun   | ity. Sec9  | 1 wp Kge.  |  | (W)                                     |
|---|--|--|--|--|--|--|---|
| NORTH   | Location as "N   | IE/CNW¼SW¼   | " or footage fro   | om lines NA  | / IW SE  |  |   |
|   | Lease Owner  | The Der  | by Oll Co  | mpany  | ~~~  | ······································ | ***                                     |
| l i i   | Office Address.  | 420 West   | Douglas.   | Wichita, Ka  | v<br>Insas   | Vell No                                |   |
|   | Character of W   | Vell (completed  | as Oil, Gas or   | Dry Hole)  | Dry Hole   |  |   |
|   | Date well comp   | pleted   |  | September  | .25. 1   | 9 50                                   |   |
|   | Application for  | r plugging filed   |  | February   | 15,1   | 9.51                                   |   |
|   | Application for  | plugging approv  | ed   |  | February 1   | 16, 1                                  | 9. <u>51</u> .                          |
|   | ·   Plugging comm  | nenced   | ***************************************  |  | March 17   | 1                                      | 9.51                                    |
|   | Reason for abs   | andonment of w   | all or producing   | g formation  | Dry Hole   | 1'<br>a                                | 9.24.                                   |
|   |  |  |  | g 1011111111111111111111111111111111111  |  |  |   |
|   | If a producing   | well is abandon  |  | t production   |  |  |   |
| Locate well correctly on chare  | Was permission   | n obtained from  | the Conservat  | tion Division or   | its agents before  | e plugging was                         | s com-                                  |
| Locate well correctly on above<br>Section Plat  | menced?  | Ves  |  |  | **** **********************************  |  |   |
| ame of Conservation Agent who su  | pervised plugging of th  | is well  | erry   |  |  | 2000                                   |   |
| oducing formationow depth and thickness of all wat  |  |  | Botton   | 1 T  | otal Depth of We   | ell <i>3702</i>                        | Feet                                    |
|   | , -  | ons.   |  |  |  |  |   |
| OIL, GAS OR WATER RECOF   | RDS  |  |  |  | C  | ASING RECO                             | RD                                      |
| Formation   | Content  | From   | То   | Size   | Put In   | Pulled Out                             |   |
| ,   |  |  |  | 5 1/2"   | 36551  | 2670!                                  | *************************************** |
|   | i  | 1  | 1  |  | 1961   | 2070.<br>None                          |   |
|   |  |  |  |  | ,  |  | •••••••                                 |
|   |  |  |  |  |  |  |   |
|   |  |  |  |  |  |  |   |
|   |  |  |  |  |  | ••••                                   |   |
|   |  |  |  |  |  |  |   |
| Filled hole Shot pipe of  | ent or other plugs were  | used, state the  | character of sa  | me and depth plants. 3. sacks. of  | cement at  |  | sed in                                  |
| roducing it into the hole. If cem-<br>feet for each plu-<br>Filled hole<br>Shot pipe of   | ent or other plugs were ug set.  with chat from ff at 2670'. P   | used, state the  | character of sa  | me and depth plants. 3. sacks. of  | cement at  |  | sed in                                  |
| roducing it into the hole. If cem-<br>feet for each plushed hole.  Shot pipe of   | ent or other plugs were ug set.  with chat from ff at 2670'. P   | used, state the  | character of sa  | me and depth plants. 3. sacks. of  | cement at  |  | sed in                                  |
| rilled hole. If cem   | ent or other plugs were ug set.  with chat from ff at 2670'. P cement at 190'  | used, state the  | character of sa  | me and depth plants. 3. sacks. of  | ced, from  Coment at  at 190'  at 10 sacks   | 3313.<br>Dumped<br>at 35!.             | ised in feet to                         |
| oducing it into the hole. If cem- feet for each plu Filled hole Shot pipe of 15 sacks of  | ent or other plugs were ug set.  with chat from ff at 2670'. P cement at 190'  | used, state the  | character of sa  | me and depth plants. 3. sacks. of  | ced, from  Coment at  at 190!  It 10 sacks   |  | ised in feet to                         |
| oducing it into the hole. If cem- feet for each plu Filled hole Shot pipe of 15 sacks of  | ent or other plugs were ug set.  With chat from ff at 2670'. P cement at 190'  | used, state the  3370' to  ulled pipe Finished                                 | character of sa  | me and depth plants. 3. sacks. of  | ced, from  Coment at  at 190!  It 10 sacks   | 3313.<br>Dumped<br>at 35!.             | ised in feet to                         |
| oducing it into the hole. If cem- feet for each plu Filled hole Shot pipe of 15 sacks of  | ent or other plugs were ug set.  With chat from ff at 2670'. P cement at 190'  | used, state the  3370' to  ulled pipe Finished                                 | character of sa  | me and depth plants. 3. sacks. of  | ced, from  Coment at  at 190!  It 10 sacks   | 3313.<br>Dumped<br>at 35!.             | ised in feet to                         |
| oducing it into the hole. If cem- feet for each plu Filled hole Shot pipe of 15 sacks of  | ent or other plugs were ug set.  With chat from ff at 2670'. P cement at 190'  | used, state the  3370' to  ulled pipe Finished                                 | character of sa  | me and depth plants. 3. sacks. of  | ced, from  Coment at  at 190!  It 10 sacks   | 3313.<br>Dumped<br>at 35!.             | ised in feet to                         |
| reducing it into the hole. If cem- feet for each plu Filled hole Shot pipe of 15 sacks of   | ent or other plugs were ug set.  With chat from ff at 2670'. P cement at 190'  | used, state the  3370' to  ulled pipe Finished                                 | character of sa  | me and depth plants. 3. sacks. of  | ced, from  Coment at  at 190!  It 10 sacks   | 3313.<br>Dumped<br>at 35!.             | ised in feet to                         |
| Filled hole Shot pipe of 15 sacks of  | with chat from ff at 2670'. P cement at 190'   | e used, state the  | character of sa  3313. Put and put r l mudding   | me and depth place in a sacks of cock bridge hole and property in the same property in the sa | ced, from  cement at 190!  t 10 sacks  | 3313. Dumped at 35'.                   | ised in feet to                         |
| Filled hole Shot pipe of 15 sacks of  Correspondence regarding this w   | with chat from ff at 2670'. P cement at 190'   | description is necessal to. The  | character of sa  3313. Put and put r l mudding   | me and depth place in a sacks of cock bridge hole and property in the same property in the sa | ced, from  cement at 190!  t 10 sacks  | 331.3.<br>Dumped<br>at 35!.            | ised in feet to                         |
| Toducing it into the hole. If cemerate feet for each plus feet for each plus filled hole. Shot pipe of 15 sacks of sacks of feet for each plus feet feet for each plus feet feet for each plus feet feet feet feet feet feet feet fee  | with chat from ff at 2670'. P cement at 190'  (If additional of well should be addressed Box 1030, Wichit  | description is necessal to The   | and put and and put and  | me and depth place in a sacks of cock bridge hole and property in the same property in the sa | ced, from  Coment at  at 190!  It 10 sacks   | 331.3.<br>Dumped<br>at 35!.            | ised in feet to                         |
| Correspondence regarding this water OF Kansas   | with chat from ff at 2670'. P cement at 190'  (If additional of the should be addressed Box 1030, Wichit   | description is necessal to The   | and put and mudding.   | me and depth place in a sacks of cock bridge hole and property in the same property in the sa | ced, from  Coment at  at 190!  It 10 sacks   | 3313.<br>Dumped<br>at 35!.             | ised in feet to                         |
| Correspondence regarding this with dress.  P. O. B  ATE OF  Kansas  F. W. Heis  ng first duly sworn on oath, says:  | with chat from ff at 2670'. P cement at 190'  (If additional of the company of the chat is addressed at 190')  well should be addressed at 190'. Wichit  COUNTER  That I have knowledge  | description is necessal to The La, Kansas                                      | and put randing mudding wy, use BACK of the Derby Oil  | me and depth place in a sacks of cock bridge hole and put his sheet)  Company  ser) or (owner or   | ced, from  cement at at 190!  tt 10 sacks  | 3313. Dumped at 35!.                   | ised in feet to                         |
| Correspondence regarding this was P. O. B.  Cate Of Kansas  | with chat from ff at 2670'. P cement at 190'  (If additional of the second seco | description is necessal to The La, Kans as TY OF Sect. So help me (Signature)  | and put rand | his sheet) Company  ser) or (owner or or or country)  Country  Country  All Markets herein or or country  Count | ced, from  cement at 190!  at 190!  at 10 sacks  perator) of the alcontained and the   | 3313. Dumped at 35!.                   | ised in feet to                         |
| Correspondence regarding this wildress.  P. O. B  ATE OF  Kansas  F. W. Heis  ng first duly sworn on oath, says:  | with chat from ff at 2670'. P cement at 190'  (If additional of the should be addressed Box 1030, Wichit the should be addressed to the should be addressed  | description is necessal to The La, Kans as TY OF Sect. So help me (Signature)  | and put rand | his sheet) Company  in a second process of the sheet process of the shee | ced, from  cement at 190!  at 190!  at 10 sacks  perator) of the alcontained and the   | 3313. Dumped at 35!.                   | ised in feet to                         |
| Correspondence regarding this water of Kansas  F. W. Heis or first duly sworn on oath, says: cribed well as filed and that the second feet for each plus feet feet for each plus feet for each plus feet for each plus feet for each plus feet feet for each plus feet feet feet feet feet feet feet fee | with chat from ff at 2670'. P cement at 190'  (If additional of the second seco | description is necessal to The (emge of the facts, set. So help me (Signature) | and put rand | his sheet) Company  in a second process of the sheet process of the shee | ced, from  ced, from | 3313. Dumped at 35!.                   | well,                                   |

# THE DERBY OIL COMPANY

15-163-00293-00-00

# WELL RECORD

|                      | 640 Acr   | 22                         |              |            | PRODUCT  | TION DEPART                           | MENT               |            |              |                         |  |   |
|----------------------|-----------|----------------------------|--------------|------------|--|---------------------------------------|--------------------|------------|--------------|-------------------------|--|---|
|                      | N POR DEC | es                         |              | LEASE      | Wh.  | isman                                 |                    |            |              | WELL N                  | 10 1   |   |
|                      |           |                            |              |            |  | octobe                                | r 16, 19           | 50 Ev      | E. M         | cNeil                   |  | *************************************** |
| 160                  |           | 160                        |              | SEC        | 9  | 9s :                                  | 20W COL            | D          | Rook         | 8                       | Kan  | sas                                     |
|                      |           |                            | +            |            | G N  | W NW SE                               |                    |            |              |                         | -  |   |
|                      | +1        |                            | +            | LOCAT      | ION  | Roy Eckel                             |                    |            |              | ACRES_                  | 31.  |   |
|                      | (9        | <b>}</b>                   | ┿╃           | STAKE      | ) BY   | อาตา                                  |                    | 97.6       | DA           | TE                      | 97.56  | 19                                      |
|                      |           | 7-1                        |              | ELEVA.     | TION GROUN   | ID                                    | D. I               | F.:        | <u></u>      | К. В.:                  | ZIJO   |   |
|                      |           |                            |              | ALL ME     | ASUREMEN   | TS ARE FROM                           | Kelly B            | ushing,    | 61           | above Bra               | denhe  | ad_                                     |
| 160                  |           | 160                        |              | TOOLS      |  |                                       | FROM               |            |              | CONT                    |  |   |
|                      |           |                            |              |            |  | 8-30-50                               |                    |            |              | Glenn Pee               |  |   |
| Lo                   | cate well | correctly                  | <del></del>  | CABLE      | 9-5-50   | 9-24-50                               | 3661               | 370        | )2           | Bentley C               | able   | Too.                                    |
| PRODUCT              | TION DA   | TA 1                       | 1-1-50:      | Pump       | ed 9.66 ba   | wrels oil,                            | 26 barr            | els wat    | er i         | n 2h hour               | s.   |   |
| 11-2-5               | O: Pa     | mped 8.                    | 28 BO,       | 30 BW/;    | 24 hours.  | 11-3-50                               | : Pumpe            | d 2.07     | B0/1         | O hours.                |  |   |
| 11-4-5               | O: Pu     | mped 0.                    | 24 BO/2      | 4 hour     |  | 11-5-50                               | . Pumpe            | d 4.14     | BO/2         | 4 hours.                |  |   |
| 11-0-5               | O: Pw     | mped 5.                    | 36 BO P      | lus 709    | water  | 11-3-50<br>11-5-50<br>2-9-51          | Pumpe              | d 2 BO     | plus         | 70% wtr.,               | /24 h  | ours                                    |
|                      |           |                            |              |            |  | TUBING                                |                    |            |              |                         | TOTAL STATE OF THE |   |
| SIZE HOLE<br>DRILLED | DEPTH     | CASING<br>SIZE             | WT.          | THDS.      | MAKE, TYPE, GE   |                                       | PULLED             | LEFT IN    | SACKS        | CEMENT<br>ESTIMATED TOP | REM  | IARKS                                   |
| 121 IN.              | 1971      | 8 5/8"                     | 24#          | 8 RD       | New  |                                       | -                  | *****      | 150          |                         |  | ice                                     |
| 7 7/8"               |           | 43"                        | 11.6#        | 8 RD       | New J-55   |                                       |                    | 3655       | 150          |                         | Hall   |   |
|                      |           |                            |              |            |  | 3-33                                  |                    | 2000       | الريافي والد | 2033                    | El Grander   | TO*                                     |
|                      |           |                            |              |            |  |                                       | _                  |            |              |                         |  |   |
|                      |           | -                          | -            |            |  |                                       |                    | ,          |              |                         | <u> </u>   |   |
|                      |           |                            |              |            |  |                                       |                    | ŧ .        |              |                         |  |   |
|                      |           |                            | -            |            |  | · · · · · · · · · · · · · · · · · · · |                    |            |              |                         |  |   |
|                      |           |                            |              |            |  |                                       |                    |            | ,            |                         |  |   |
|                      |           |                            |              |            | XA/P-1   |                                       |                    |            |              |                         | <u>L.                                    </u>  |   |
|                      |           |                            | `            |            | WE   | LL LOG                                |                    |            |              |                         |  |   |
|                      | ORMATION  | [                          | FROM         | то         | FEET TI  | RLG. FO                               | ORMATION           |            | FROM         | то                      | NO. OF   |   |
| Sand &<br>Shale      | shale     |                            | 0            | 1          | 0 60   |                                       |                    |            |              |                         | FEET   | TIM                                     |
| Sand &               | shale     |                            | 60<br>195    | 19<br>142  |  |                                       |                    | •          |              |                         |  |   |
| Shale                |           |                            | 1420         | 169        | 0 270  |                                       |                    |            |              |                         |  |   |
| Anhydri              |           |                            | 1690         | 172        |  | STATE COR                             | CEIN<br>PORATION ( | Y E D      |              |                         |  |   |
| Shale &              |           | s<br>shales                | 1725<br>1086 | 198<br>215 | and the same of th | .                                     | - and all the f    | UMMIBSIC   | W            |                         |  |   |
| Lime                 |           | AND A SERVICE AND ADDRESS. | 2150         | 249        |  | AF                                    | 'R - 7 19!         | 51         |              |                         |  |   |
| Brkn Li              |           |                            | 2490         | 274        | 9 250  | CONSER                                | VATION             | VISION     | Į.           |                         |  |   |
| Lime &<br>Lime       | shales    |                            | 2740<br>3240 | 324        |  | A.E. 8.77                             | hite, Kanı         | Bas        | ,            |                         |  |   |
|                      | ıl dept   | h                          | 3661         | 366        | 1 421  |                                       |                    |            |              |                         |  |   |
| # ~ 4ª               |           |                            | -            |            |  |                                       |                    |            |              |                         | ,  | ľ                                       |
|                      |           |                            |              |            |  |                                       | •                  |            |              |                         |  |   |
|                      |           |                            |              |            | i  |                                       |                    |            | *            | ,                       | 1  |   |
| -                    |           |                            |              |            | 34-  |                                       | 31146              | الادر      |              |                         |  |   |
|                      |           |                            |              |            | P1   | 1                                     |                    |            |              |                         |  |   |
|                      |           |                            |              |            | l per  | dk Page_2                             | e lime 13          | MENN Non ( |              |                         |  |   |

# WELL RECORD-(CONTINUED)

|     | WELL | NO |  |
|-----|------|----|--|
| di. |      |    |  |

LEASE This an

#### GEOLOGICAL DATA

| FORMATION  | ТОР  | SUB-SEA<br>DATUM | THICKNESS | REMARKS (OIL OR GAS SHOWS)                 |
|--|------|------------------|-----------|--|
| Keebnar  | 3350 | -119h            | 1         |  |
| Lausing  | 3391 | -1235            |           | Show oil 3430-37, 3470-78.                 |
| Base Kansas City   | 3615 | -1459            |           |  |
| Arbuckle   | 3655 | -Ш99             |           | Show oil plus salt water, plugged back.    |
| The second secon |      | j.               |           |  |
|  |      |                  | -         | s Good staining in the Topeka at 3301-07 & |
| ,  |      |                  |           | 3332-37.                                   |
| ,  |      | -                |           |  |
|  |      |                  |           |  |
|  | 1    | I .              | E         |  |

## DRILL STEM TESTS

| FORMATION TESTED | FROM | то   | TIME<br>OPEN | RESULTS                               |  |  |  |  |
|------------------|------|------|--------------|---------------------------------------|--|--|--|--|
| Caneas City      | 3470 | 3479 | M min.       | Recovered 1020' salt water, no B.H.P. |  |  |  |  |
| 4rmeile          | 3657 | 3667 | 25 mln.      | Recovered 10' oil cut mad, no B.H.P.  |  |  |  |  |
|                  | ,    |      |              |                                       |  |  |  |  |
|                  |      |      |              |                                       |  |  |  |  |

#### COMPLETION RECORD

Drilled plus & CO; scum oil; Treated with 300 Acid; tested .Ch 3074 off bettem. Shot with 15 kone shots/3655-60; 500A; & GWPH, small scum oil. Included deeper to 367A; balled 5 GOPH: T50A; no increase. Drilled deeper to 3693; 2000A, no increase. Drilled deeper to 3702, filled 500° SWPH. LWP @ 315A. 36 shots/3127-36; tested 3 GOPH, no water; 500A; swabbed 12 BOPH/6 hrs; 2000A, swabbed 12 BOPH, no water. LWP @ 3370; h& shots/3326-38; show oil 3331-38; 500A; 5 BSWPH/4 hrs. LWP @ 3320; 17/3278-3302; hOO' salt water/1 hr. Income LWP to 3365; set dement retainer 3284; squeezed 125 sax in formation under 2000/pressure. Drilled plus & cleaned out to 315A; swabbed 36 BO & 36 BW in 36 hrs. Put on pump. (For pump tests, see production data).

Subsequent Operations - Peb. 12, 1951; Pulled tubing & rods. Set plug @ 3350. Perforated Topeka with 40 shots from 3326-36; bailed 2 GO plus 14 GM let hr., 3/4 GO plus 3 GEPM for 8 hrs. Added 500 Acid; 975% Nex. Pressure & pumping in at rate of 3 bbls. per 10 minutes. Rad 125% pressure drop in 1 minutes after acid displaced. Smabbed back load & well tested 1/2 GO plus 9 GMPM for 8 hrs. Plugged & abandoned.

## TORPEDO RECORD

| DATE | TE QUARTS | LIQUID OR |      |    | SHELLS |      |        |        |      | 0      | L     | WATER  |       |
|------|-----------|-----------|------|----|--------|------|--------|--------|------|--------|-------|--------|-------|
| DATE | WOAKIS    | GELATINE  | FROM | то | NO.    | SIZE | LENGTH | ANCHOR | вомв | BEFORE | AFTER | BEFORE | AFTER |
|      |           |           |      |    |        |      |        |        |      |        | ,     |        |       |
|      |           |           |      |    |        |      |        |        |      |        |       |        |       |
|      | 1         |           |      |    |        |      |        |        |      |        |       |        |       |
|      | 1         |           |      |    |        |      |        | l      |      |        |       |        | -     |
|      |           |           |      |    |        |      |        |        |      |        |       |        |       |
|      |           |           |      |    |        |      |        |        |      |        |       |        |       |
|      |           |           |      |    |        |      |        |        |      |        |       |        | 1     |
|      |           |           |      |    |        |      |        |        |      |        |       |        |       |
|      |           |           |      |    |        |      |        |        |      | ļ      |       |        |       |
|      |           |           |      |    |        |      |        | ì      |      |        |       | !      | _     |

# WELL RECORD-(CONTINUED)

|                  |         |         |                                 |          |                     |  |          |         |   | 784  |
|------------------|---------|---------|---------------------------------|----------|---------------------|--|----------|---------|---|--|
|                  | ACID    | IZING   | RECOR                           | D (500   | Vacition            | Maria de la compansión de | PL       | UGGI    | NG RECO                                 | RD °   |
| DATE             | 9-9-50  | 9-6-50  | 9-8-50                          |          | 9-Щ-5               |  |          | 19      | FINISH                                  | 19   |
| QUANTITY (GALS.) | 300 gal | . 500   | 750                             | 500      | 2000                | GIVE   | RECORD O | F PLUGS | DRIVEN, CEMEN                           |  |
| MAX. TUB. PR.    |         |         |                                 |          |                     |  |          |         | AND ALL PIPE                            |  |
| MAX. CAS'G PR.   | 1,300/  | 850#    | 600//                           | 900/     | 700/                |  |          |         |   | LET IN HOLE.   |
| BLANKET          |         |         |                                 |          |                     |  |          |         |   |  |
| HOURS            | 2 hrs.  | li bra  | 2 brs.                          |          |                     |  |          |         |   |  |
| METHOD           | (UZ)    | 360 (a) | See (b)                         | See (c   | 300 (C              |  |          |         | , |  |
|                  |         | CGTOM   | interior in the second          | 10% T/O  |                     |  | T. H     |         |   |  |
|                  |         |         |                                 |          |                     |  |          |         |   |  |
|                  |         |         |                                 |          |                     |  |          |         |   |  |
|                  |         |         |                                 |          |                     |  |          |         |   |  |
| OIL BEFORE       | EOUE    | .OL 10  | 5 COPII                         | 3 GOPH   | 1) due              |  |          |         |   | -  |
| OIL AFTER        | OL DIF  | Cun     | 5 0028                          | 1 de men | l <sub>e</sub> bore | 17   |          |         |   |  |
| WATER BEFORE     | Hone    | Lone    | Trace                           | None     | None                |  |          |         |   |  |
| WATER AFTER      | ljoze   |         | 50 <b>202</b><br>2010 <b>17</b> | , None   | lione               |  |          | 1       |   | A Residence of the second of t |
| DONE BY          | Donell  | Dowell  | ] owell                         |          | Liewoll             |  |          |         |   |  |

### **DEFLECTION**

# PLUG BACK RECORD

| DEPTH ANGLE V. CORR. DATE MATERIAL USED FROM TO REMARK |              |
|--|--------------|
|  | s            |
|  |              |
|  | -36          |
| 9-1h-90 " @ 3370' Perf. 48/332                         | <b>-J</b> 0. |
| 9-15-50 * 8 3320' Perf. 17/329'                        | -3302        |
| 9-16-50 prove bridge                                   |              |
| plug to 3365' Set retainer                             | @ 320kr;     |
| Squeezed 125   |              |
| in formation 200%.                                     | unier —      |
|  |              |
|  | ,            |
|  |              |
|  |              |

### ADDITIONAL INFORMATION

ACIDIZING RECORD (CONTINUED)

- Pumped through kome shot perforations 3655-60.
- (b) Drilled deeper to 3674 & pusped in formation. (c) Pusped through casing perforations 3427-36.

9-15-50: 500 gal. acid pumped through perforations in casing from 3326-38; maximum pressure 700%; tested 5 barrels salt water per hour for 4 hours.

SUBSEQUENT OPERATIONS (ACIDIZING RECORD) - Peb. 13, 1951.

500 gal. acid pumped down casing through perforations from 3326-38. Maximum pressure 975%, pusping at rate of 3 barrels per 10 sinutes; had 125% pressure drop in 1 minute after acid displaced, 100% pressure drop next 5 minutes.