

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-185-30316-0000

LEASE NAME Doran #1

WELL NUMBER _____

SPOT LOCATION 1190' FEL, 1650' FSL

SEC. 33 TWP. 24 SRGE. 15w (E) or (W)

COUNTY Stafford

Date Well Completed _____

Plugging Commenced 12/28/85

Plugging Completed 1/3/86

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Robert F. White

ADDRESS 505 Union Center, Wichita, Ks. 67202

PHONE # (316) 263-7957 OPERATORS LICENSE NO. 5061

Character of Well _____
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? Dodge City

Is ACO-1 filed? _____ If not, is well log attached? _____

Producing formation _____ Depth to top _____ bottom T.D. 4440'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

| Formation | Content | From | To | Size | Put In | Pulled out |
|-----------|---------|------|----|--------|--------|------------|
| | | | | 8 5/8 | 278' | none |
| | | | | 5 1/2" | 4011' | 1888' |
| | | | | | | |
| | | | | | | |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used state, the character of same and depth placed, from feet to feet each set.

Pumped bottom with 1 hull, & 30 sacks cement, pushed plug to 2550'. Shot pipe at 2300', 2100', & 1888'. Pulled 59 joints of pipe. Plugged well with 3 hulls, 15 gel, 50 cement, 10 gel, 1 hull, 8 5/8 plug, & 100 sacks 60/40 poz 6% gel.

Plugging complete.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Kelso Casing Pulling License No. 6050

Address Box 347, Chase, Ks. 67524

STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso (employee of operator) or
(operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) R. Darrell Kelso

(Address) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO before me this 6th day of January, 1986

My Commission expires:



Notary Public

Well Record & Sandology: Doran #1
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*substitute for
Parker logs*

CASING RECORD

Ran 13 joints (273.19') of 8-5/8" casing set at 277.51' CM cemented with 200 sacks of 50-50 Pozmix with 1/4# Flocele per sack and 3% HA-5. Cement circulated.

Ran 127 joints (4011.37') of 5-1/2" casing set at 4014.87' CM with DV Collar at 3195.35' CM. Cemented lower stage with 250 gal. Mudflush, 100 sacks of 50-50 Pozmix, salt saturated and 1% CFR-2. Cemented upper stage with 250 gal. of Mudflush, 150 sacks of 50-50 Pozmix, salt saturated, 12-1/2# Gilsonite per sack and 1% CFR-2.

FORMATION RECORD

| | | | |
|-----------|-----------------|------------|----------------------|
| 0- 40' | Sand | 2329-2654' | Lime |
| 40- 280 | Shale | 2654-2961 | Lime & Shale |
| 280- 450 | Shale & Red Bed | 2961-2990 | Shale |
| 450- 530 | Sand | 2990-3275 | Lime & Shale |
| 530- 959 | Red Bed & Shale | 3275-3550 | Lime |
| 964- 982 | Anhydrite | 3550-3750 | Lime & Shale |
| 982-1045 | Red Bed & Shale | 3750-4135 | Lime |
| 1045-1790 | Shale & Salt | 4135-4195 | Conglomerate |
| 1790-2185 | Lime & Shale | 4195-4262 | Conglomerate & Chert |
| 2185-2270 | Lime | 4262-4415 | Lime & Chert |
| 2270-2329 | Lime & Shale | 4415-4440 | Dolomite |

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NOV 27 1985

CONSERVATION DIVISION
Wichita, Kansas

KEWANEE OIL COMPANY
West Kansas District

Well Record & Sandology: DORAN #1

Location: 1190' FEL & 1650' FSL Sec. 33-24S-15W, Stafford County, Kansas

Elevation: 2033' CM

Contractor: Gabbert-Jones, Inc.

Drilling Commenced: 6-18-66

Drilling Completed: 7-1-66

Completion Date: 7-19-66 (No pipeline connection to 9-23-66.)

Total Depth: 4440' CM PBD: 3000' CM

Initial Production: 2,300 - 2,700 MCFPD after 500 gal. 15% MCA.
AOP of 3,600 MCFPD by Critical Flow Test 8-1-66.
No pipeline connection to 9-23-66.

Pay Horizon: Tarkio Sand (also termed Wabaunsee or Langdon sand)

Net Pay: 12'

Additional Pays: Lansing-Kansas City, Neva

Perforations: 3897-3903' CM with 2 jets/ft. in Kansas City
3799' CM with one jet hole in Kansas City
3778.5 CM with one jet hole in Kansas City
3777-80 CM with 2 jets/ft. in Kansas City
3795-3800 CM with 2 jets/ft. in Kansas City
2923-33 CM with 2 jets/ft. in Tarkio sand

Treating Record: 7- 8-66 Perforations at 3897-3903' CM with 500 gal. 15% MCA.
7- 8-66 Perforations at 3799' & 3778.5' CM with 1000 gal. 15% MCA by limited entry technique.
7- 9-66 Perforation at 3778.5' CM with 4000 gal. CRA.
7- 9-66 Perforations at 3897-3903' CM with 4000 gal. CRA.
7-11-66 Perforation at 3799' CM with 4000 gal. CRA.
7-19-66 Perforation at 2923-33' CM with 500 gal. 15% MCA

NOTE: All measurements in this sandology are Schlumberger Gamma/Ray log depths. There is 1 - 2' difference between Gamma/Ray and Dual Induction LL-8 depths. All other logging and depth work done by various service companies on this well indicate that the Schlumberger open hole logs are 10' deep.

FORMATION LOG TOPS (Schlumberger GR depths)

| | | | | | |
|---------------|------|---------|---------------|------|---------|
| Anhydrite | 964 | (+1069) | Elmont | 3042 | (-1009) |
| Hollenberg | 2032 | (- 1) | Howard | 3124 | (-1091) |
| Herrington | 2066 | (- 33) | Topoka | 3194 | (-1161) |
| Winfield | 2125 | (- 12) | Wabaunsee | 3610 | (-2577) |
| Towanda | 2190 | (- 157) | Tarkio | 3628 | (-1595) |
| Ft. Riley | 2233 | (- 200) | Douglas | 3648 | (-1615) |
| B/Florence | 2330 | (- 297) | Brown Lime | 3756 | (-1723) |
| Wreford | 2345 | (- 312) | Lansing | 3768 | (-1735) |
| Council Grove | 2412 | (- 379) | B/Kansas City | 4027 | (-1994) |
| Neva | 2607 | (- 574) | Conglomerate | 4149 | (-2116) |
| Foraker | 2678 | (- 645) | Viola ? | 4244 | (-2211) |
| Admire | 2748 | (- 715) | Simpson Shale | 4349 | (-2316) |
| Indian Cave | 2780 | (- 747) | Arbuckle | 4413 | (-2380) |
| Wabaunsee | 2854 | (- 821) | Total Depth | 4440 | (-2407) |
| Tarkio Ls | 2985 | (- 952) | | | |

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CONSERVATION DIVISION
Wichita, Kansas

2780
2033
2033/2780