

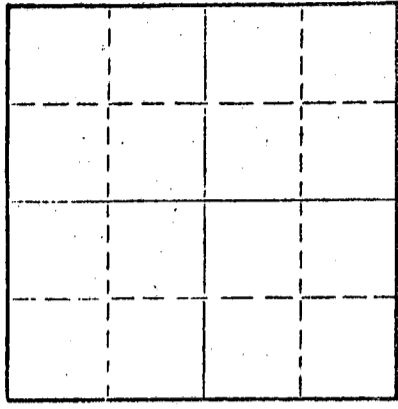
15-065-20095-0000

STATE OF KANSAS
STATE CORPORATION COMMISSION

Form CP-4

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217
NORTH



Locate well correctly on above
Section Plat

Graham County. Sec. 28 Twp. 9 Rge. 25 (E) (W) X
Location as "NE/CNW&SW" or footage from lines C72 E/2 SW
Lease Owner Bankoff Oil Co.
Lease Name Bollog Well No. #6
Office Address 1119 Sherman Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced 2-5-73 _____ 19____
Plugging completed 2-10-73 _____ 19____
Reason for abandonment of well or producing formation _____
If a producing well is abandoned, date of last production _____ 19____
Was permission obtained from the Conservation Division or its agents before plugging was commenced? _____

Name of Conservation Agent who supervised plugging of this well W. L. Nichols
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4071' Feet
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
				5 1/2"	4070'	1622.11'
				8 5/8"	254'	

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 for each plug set.

Made bottom hole plug back with sand to 3900'. Mixed and ran 5 sacks cement thru dump bailer.
Squeezed hole with 5 sacks hulls and 9 sacks gel. 110 cu. ft. cement from 1275' - 950'.
17 sacks gel from 950' to 270'. 30 cu. ft. cement from 270' - 200'. 4 sacks gel from 200' to 40'. 20 cu. ft. cement from 50' to base of cellar.

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2-14-73
FEB 14 1973
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Southwest Casing Pulling Co.
Address Box 364 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
Southwest Casing Pulling Co. (employee of owner) or (owner or operator) of the 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 and that the same are true and correct. So help me God.

(Signature) W. C. Spencer Sec.
Box 364 Great Bend, Kansas
(Address)

Subscribed and sworn to before me this 12 day of February, 19 72



Sidney Miller
Notary Public.

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FEB 1 1973

CONSERVATION DIVISION
Wichita, Kansas FOREST 2-9728POWELL & RUWWE
PETROLEUM GEOLOGISTS
1003 UNION NATIONAL BUILDING
WICHITA, KANSAS 67202
OCT. 12, 1967STEPHEN B. POWELL
RALPH W. RUWWEOPERATOR: BANKOFF OIL & LEBEN DRLG.
FARM: BOLLIG #6
CONTRACTOR: LEBEN DRLG.
POOL: BOLLIG
COMMENCED: 10-1-67LOCATION: 28-9S-25W
DESCRIPTION: C E/2 E/2 SW
COUNTY: GRAHAM
ELEVATION: 2544 RB
COMPLETED (ROTARY): 10-10-67FORMATION TOPS

HEEBNER	3772	(-1228)
TORONTO	3795	(-1251)
LANSING	3809	(-1265)
BASE KAN. CITY	4038	(-1494)
TOTAL DEPTH	4071	(-1527)

SAMPLES WERE EXAMINED ON THIS TEST FROM 3500 TO TOTAL DEPTH AND DRILLING PROGRESS WAS WATCHED FROM 3750 TO TOTAL DEPTH. SHOWS OF OIL WERE FOUND IN ONLY TWO ZONES OF THE LANSING-KANSAS CITY SECTION. DESCRIPTIONS OF THE ZONES OF INTEREST ARE SET OUT BELOW. (NOTE: DEPTH FIGURES ON THE VARIOUS ZONES ARE SUBJECT TO CORRECTION AFTER VIEWING THE CASED HOLE LOG.)

TORONTO

3795-3806 GRAY TO TAN FOSSILIFEROUS LIMESTONE WITH FAIR POROSITY, SPOTTED STAIN, AND A SHOW OF FREE OIL. (SEE DST #1)

LANSING

3841-3849 (35' ZONE) WHITE TO GRAY, FOSSILIFEROUS LIME WITH FAIR POROSITY, STAIN, AND A SLIGHT SHOW OF FREE OIL. (SEE DST #2)

3854-3860 (50' ZONE) WHITE TO LIGHT GRAY, FOSSILIFEROUS LIME WITH POOR TO FAIR POROSITY, SPOTTED STAIN AND A SLIGHT SHOW OF FREE OIL. (SEE DST #3)

3894-3898 (90' ZONE) TAN, OOLICASTIC LIMESTONE WITH GOOD POROSITY BUT NO STAIN.

3948-3953 (140' ZONE) WHITE, FOSSILIFEROUS AND FINE CRYSTALLINE LIME WITH FAIR POROSITY AND SPOTTED STAIN AND A SLIGHT SHOW OF FREE OIL. (SEE DST #4)

3970-3982 (160" ZONE) GRAY TO DARK GRAY, VERY FINE CRYSTALLINE SOFT LIME AND SOFT, MEALY LIME WITH FAIR STAIN AND A SHOW OF FREE OIL. (SEE DST #5)

FFR 1 19/3

CONSERVATION DIVISION
Wichita, KansasLANSING (CONT.)

3990-4000 (180' ZONE) WHITE TO LIGHT GRAY, FINE CRYSTALLINE AND CHALKY LIME WITH FAIR POROSITY, A TRACE OF STAIN, NO FREE OIL.

4016-4025 (200' ZONE) GRAY, FOSSILIFEROUS AND MEDIUM CRYSTALLINE LIME WITH FAIR POROSITY, SPOTTED STAIN AND A SHOW OF FREE OIL. (SEE DST #6)

DRILL STEM TESTS

#1. 3780-3805 (TORONTO) OPEN 2 HOURS AND 5 MINUTES WITH A WEAK, STEADY BLOW THROUGHOUT. RECOVERED 170 FEET OF WATERY MUD WITH SPECKS OF OIL. ISIP 1290#/30 MIN. IFF 40# FFP 70# FSIP 1050#/60 MIN.

#2. 3834-3850 (35' ZONE) OPEN 2 HOURS AND 5 MINUTES WITH A FAIR BLOW THROUGHOUT. RECOVERED 3 FEET OF OIL AND 350 FEET OF MUDDY SALT WATER. ISIP 360#/30 MIN. IFF 20# FFP 180# FSIP 320#/60 MIN.

#3. 3850-3865 (50' ZONE) OPEN 2 HOURS AND 5 MINUTES WITH A WEAK BLOW THROUGHOUT. RECOVERED 90 FEET OF WATERY MUD WITH A STAIN OF OIL. ISIP 180#/30 MIN. IFF 0 FFP 0 FSIP 140#/60 MIN.

#4. 3935-3955 (140' ZONE) OPEN 2 HOURS AND 5 MINUTES WITH A WEAK BLOW THROUGHOUT. RECOVERED 30 FEET OF WATERY MUD WITH A SLIGHT SHOW OF OIL AND 120 FEET OF MUDDY WATER. ISIP 830#/30 MIN. IFF 40# FFP 100# FSIP 330#/60 MIN.

#5. 3964-3980 (160' ZONE) OPEN 2 HOURS AND 5 MINUTES WITH A WEAK BLOW THROUGHOUT. RECOVERED 30 FEET OF SLIGHTLY OIL CUT MUD. ISIP 810#/30 MIN. IFF 0 FFP 0 FSIP 220#/60 MIN.

#6. 4002-4025 (200' ZONE) OPEN 1 HOUR AND 5 MINUTES WITH A STRONG BLOW THROUGHOUT. RECOVERED 600 FEET OF GAS IN PIPE, 210 FEET OF VERY HEAVILY OIL AND GAS CUT MUD AND 90 FEET OF SLIGHTLY OIL CUT MUDDY WATER. ISIP 970#/30 MIN. IFF 70# FFP 150# FSIP 850#/60 MIN.

REMARKS

EVEN THOUGH THIS WELL WAS FLAT WITH THE #1 SAUER, THE 35 AND 50 FOOT ZONES, WHICH MADE OIL IN THE #1 SAUER, ARE NONPRODUCTIVE IN THIS WELL. THE 160 FOOT ZONE IS TIGHT, BUT HAD A SMALL SHOW OF OIL AND MIGHT POSSIBLY PRODUCE SOME OIL IF ACIDIZED. THE 200 FOOT ZONE, WHICH HAD NO SHOW IN THE #1 SAUER, BEING CHALKY, HAD A FAIR SHOW IN THE SAMPLES AND WHEN TESTED GAVE UP BOTH OIL AND WATER. ALTHOUGH THIS IS, ADMITTEDLY, A MARGINAL SHOW, IT WAS DECIDED TO SET CASING AND TRY TO PRODUCE THIS ZONE.

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CONSERVATION DIVISION
Wichita, Kansas

RECOMMENDATIONS

1. SET CASING 1 FOOT OFF BOTTOM AT 4070
2. RUN CASED HOLE LOG.
3. PERFORATE AND TEST TOP 4 FEET OF POROSITY, AS DETERMINED FROM THE LOG, IN THE INTERVAL OF DRILL STEM TEST #6.
4. ATTEMPT TO COMPLETE FROM THIS ZONE ONLY.
5. IF THE 200 FOOT ZONE WILL NOT MAKE SUFFICIENT OIL TO WARRANT COMPLETION, PERFORATE ANY POROSITY INDICATED ON THE LOG IN THE 180 FOOT ZONE, EVEN THOUGH THE SAMPLES HAD NO SHOW.
6. IF SUFFICIENT OIL IS NOT FOUND IN THE 180 AND 200 FOOT ZONES, PERFORATE AND ACIDIZE ANY POROSITY SHOWN ON THE LOG IN THE 160 FOOT ZONE.

A CONDENSED COPY OF THE DRILLING TIME IS ATTACHED.

VERY TRULY YOURS,
POWELL & RUWWE

STEVE POWELL