199 4 2 407 RULE BLDG. PHONE NO 3-0028

ROBERT C. ARMSTRONG

PETROLEUM GEOLOGIST WICHITA, KANSAS

December 8, 1961

un stot 122, 120 E ROBERT C. ARMSTRONG 564 North Armour Drive Wichita 6, Kansas

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Krueger & Associates #7 Meckel "B" SW SE NE Sec. 29-128-15W Russell County, Kansas

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t All foot reas ) white, the amptallies to

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of morney waletainini.

line Cassens, trace regular percently.

GENERAL.

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North L

Contractor: Red Timer Drilling Co. Rig #2 Spudded: December 1, 1961 Completed: December 7, 1961 Salts, salt chalky limestone, formiliferous Rotary: Surface to 3335 T. D. and por patement provided appoint of the patement of the patemen

2087.26

A 130 m 1/2

1000-50

1156.51

Schlemotroph-laterolog-Schlede.

CASING TO TO

Shite. Circ crystalline to fine granular 8 5/8" comented at 241' with 150 sacks " and a new live oil, fair smotthe statisting in dry samples. Recovered mted ut 3335

GEOLOGICAL DATA :

Samples saved, drilling-time recorded from 2799' to the total depth.

Elevation: 1847 derrick floor, 1850 rotary bushings rotary bushing elevation and measurements used. a colly percently, very

Formation Tops

Anhydrite Base Anhydrite	898 838	913 Hamilton, by Stor W.L., poor wage
Topeka	2730	-880 Samples and Log
Heebner .	2916	-1096
Toronto	2967	-1117 " Dana Seat Start Trans of par
Lansing K. C.	2997	matte limestone spokies oil state
Base K. C.	3226	-1376
Conclomerate	3277	-1427
Total Depth	3395	-11:85

DRILL STIM TESTA

IST #1

ABRIDG W. C.

KANSAS GEOLOGICAL SUBVEY WICHITA BRANCH MAY 0 7 1987

2951-90 (Toronto) Open 1 hour, received 80! heavily oil and gas cut mid. 295# IBHP, 130# IFF, 160# FFP, 2LO# BIP/20 directes

anotted oil staining,

(92 Jost ward) forms, withouts the

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6 1987

CONTRACTOR CONTRACTOR

DST # 2

3005-65 (Lansing, 8-68' penetration) Open I hour, recovered 300' watery mud, 570# IBHP, 1h0# IFP, 290# FFP, 380# BHP/20 minutes.

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Recommendate the second to the desired and the desired terms of the second terms of th

the receipt total scotlers. Abundant cami

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CORES

None

LOGS RUN

Schlumberger--Laterolog-Sonic.

Ma The Yersele gain up of a well as the file of a

POSSIBLE
PAY
ZONES

2898-2917 White, soft, chalky limestone, fossiliferous in part, poor pin-point porosity, spotted we start of all out as oil staining in dry samples. TO COMPLETE THE SECOND STATES Toronto 2967-71 White, fine crystalline to fine granular limestone, small show live oil, fair spothe stam. ted staining in dry samples. Recovered oil cut mud in DST #1. Lansing K. C. 3006-10 (10 foot gone) White, buff fine crystalline limestone, trace vugular porosity, small show free oil. ( 30-foot zone ) White, fine crystalline limestone, trace vugular porosity, very 3026-34 spotted oil staining. ( LO foot some ) White, fine crystalline to 3042-52 chalky limestone, trace of oil staining in dry samples, no free oil, poor vugula r porosity. 3072-76 (75-79' penetration) Trace of porous colicastic limestone spotted oil staining.

OTHER
IMPORTANT
ZONES

(Non Commercial)

Lansing K. C. 3100-08 (90-foot zone) Porous, colicastic lime, spotted oil staining.

3138-42 (141-145' penetration) White, fine crystalline limestone, trace pin-point porosity, no oil show.

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MAY 6 1987 (159-164' penetration) White, chalky limestone, trace very light spotted staining, no poresity.

CONSERVATION DIVISION Wichita, Kansas 2005-05 (12502105; 200" ponet - 2100) (200 1 bour.

3176-85 (179-188' penetration) White, soft chalky limestone, no perosity, no oil staining.

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(261-265' pentration) Buff and white mottled, fine crystalline to chalky limestone, no porosity, no oil staining.

Conglomerate

TOLK S

3277-3335

3258-62

Red, soft silty shale with abundant white chert, colitic in part, chert increasing near the base of this section. Abundant sand grains present and gragments of quartaite.

Makert Christing

1247

15 Tale 15 Co

## SUMMARY

PARTY NO.

On lensing, this well, with a datum of -lll? is slightly lower than Meckel "B" #6 and Meckel "B" #1, but 2 feet higher than Meckel "A" #2. The Toronto gave up oil cut mud on DST #1. The top 3 sones of Lansing gave up muddy water on DST #2. The zones gave up oil cut mud on #6 Meckel "B". Only two drill stem tests were taken. Conglomerate was found at -2127 and at the total depth of -ll85, the well was still in Conglomerate. Schlumberger logs were run and the upper three zones in lensing appeared to have sufficient porosity and low enough water saturation to be of commercial importance. Oil string was comented on b

bottom.

Robert C. Armstrong

KANSAN SEULUGICAL SURVEY WICHTA BRANCH

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