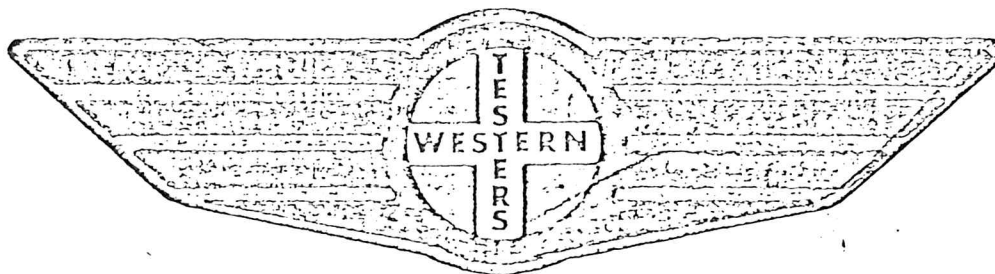


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/20/84
CUSTOMER: RAZOOK OIL COMPANY
WELL: 18 TEST: 1
ELEVATION (KB): 0 FORMATION: SIMPSON
SECTION: 10 TOWNSHIP: 27S
RANGE: 4E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #6077 RANGE: 4700 CLOCK: 12

INTERVAL TEST FROM: 2563 FT TO: 2576 FT TOTAL DEPTH: 2576 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2558 FT SIZE: 6 5/8 IN PACKER DEPTH: 2563 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MCALLISTER DRLG
MUD TYPE: CHEMICAL VISCOSITY: 46
WEIGHT: 9.4 WATER LOSS (CC): 11.2
CHLORIDES (P.P.M.): 1100
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 308 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2234 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 13 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: INITIAL FLOW PERIOD VERY WEAK DECREASING
BLOW. DIED IN 32 MINUTES.
FINAL FLOW PERIOD NO BLOW. FLUSHED
TOOL. STILL NO HELP.

RECOVERED: 20 FT OF: MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

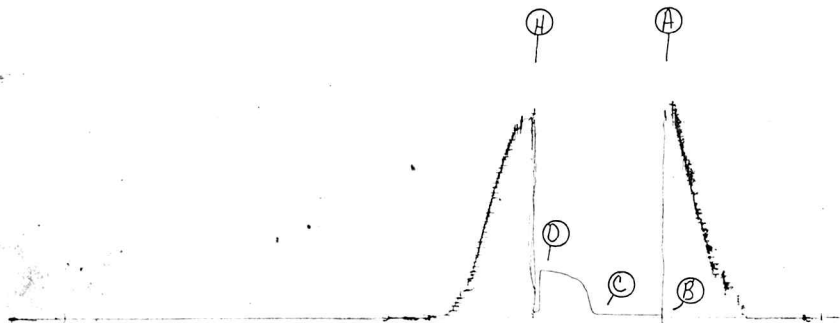
REMARKS: NO FINAL FLOW PERIOD OR FINAL
SHUT-IN WAS RUN.

TIME SET PACKER(S): 7:45 AM TIME STARTED OFF BOTTOM: 9:15 AM
WELL TEMPERATURE: 104 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1242 PSI
INITIAL FLOW PERIOD MIN: 45 (B) 17 PSI TO (C) 21 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 300 PSI
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI
FINAL HYDROSTATIC PRESSURE (H) 1230 PSI

TKT# 4931

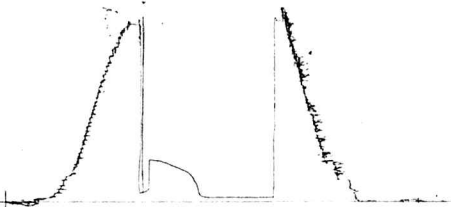
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TKT# 4931

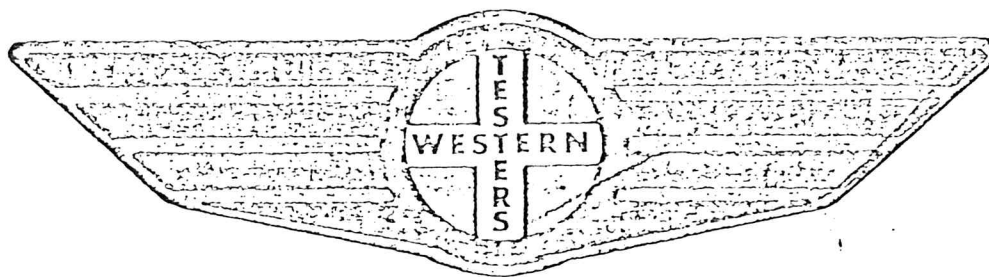
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company _____
Lease and Well No. _____
#18 KAZOOK
Sec. _____
10 Twp. 27S Rge. 4E
Test No. 1
Date 4/20/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 4/20/84
CUSTOMER: RAZOOK OIL COMPANY
WELL: 18
ELEVATION (KB): 1289
SECTION: 10
RANGE: 4E
GAUGE SN #6077

TEST: 2
FORMATION: SIMPSON
TOWNSHIP: 27S
COUNTY: BUTLER
RANGE: 4700

TICKET #4932
LEASE: RAZOOK
GEOLOGIST: ?
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 2568 FT TO: 2581 FT TOTAL DEPTH: 2581 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2563 FT SIZE: 6 5/8 IN Packer DEPTH: 2568 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MCALLISTER DRUG
MUD TYPE: CHEMICAL VISCOSITY: 38
WEIGHT: 9.4 WATER LOSS (CC): 11.2
CHLORIDES (P.P.M.): 1100
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 308 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2239 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 13 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: INITIAL FLOW PERIOD INCREASING TO
GOOD 6 3/4 INCH BLOW.
FINAL FLOW PERIOD GOOD 6 1/2 INCH BLOW.

RECOVERED: 30	FT	OF: MUD.
RECOVERED: 60	FT	OF: WATERY MUD WITH A SHOW OF OIL. LESS THAN 5%.
RECOVERED: 60	FT	OF: MUDDY WATER.
RECOVERED: 60	FT	OF: WATER. CHLORIDES 18000 PPM.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 5:45 PM	TIME STARTED OFF BOTTOM: 7:45 PM
WELL TEMPERATURE: 110 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 1237 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 19 PSI TO (C) 65 PSI
INITIAL CLOSED IN PERIOD MIN: 30	(D) 256 PSI
FINAL FLOW PERIOD MIN: 30	(E) 83 PSI TO (F) 108 PSI
FINAL CLOSED IN PERIOD MIN: 30	(G) 251 PSI
FINAL HYDROSTATIC PRESSURE	(H) 1214 PSI

TICKET #4932

LEASE: RAZOOK

GEOLOGIST: ?

FORMATION: SIMPSON

TOWNSHIP: 27S

STATE: KANSAS

CLOCK: 12

PSI

PSI

PSI

PSI

PSI

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'F

TIME - ACTUAL

MIN 30 MIN

MIN 30 MIN

MIN 30 MIN

MIN 30 MIN

PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	10	100	10	100	10	100	10	100
2	10	100	10	100	10	100	10	100
3	10	100	10	100	10	100	10	100
4	10	100	10	100	10	100	10	100
5	10	100	10	100	10	100	10	100
6	10	100	10	100	10	100	10	100
7	10	100	10	100	10	100	10	100
8	10	100	10	100	10	100	10	100
9	10	100	10	100	10	100	10	100
10	10	100	10	100	10	100	10	100
11	10	100	10	100	10	100	10	100
12	10	100	10	100	10	100	10	100
13	10	100	10	100	10	100	10	100
14	10	100	10	100	10	100	10	100
15	10	100	10	100	10	100	10	100
16	10	100	10	100	10	100	10	100
17	10	100	10	100	10	100	10	100
18	10	100	10	100	10	100	10	100
19	10	100	10	100	10	100	10	100
20	10	100	10	100	10	100	10	100
21	10	100	10	100	10	100	10	100
22	10	100	10	100	10	100	10	100
23	10	100	10	100	10	100	10	100
24	10	100	10	100	10	100	10	100
25	10	100	10	100	10	100	10	100
26	10	100	10	100	10	100	10	100
27	10	100	10	100	10	100	10	100
28	10	100	10	100	10	100	10	100
29	10	100	10	100	10	100	10	100
30	10	100	10	100	10	100	10	100
31	10	100	10	100	10	100	10	100
32	10	100	10	100	10	100	10	100
33	10	100	10	100	10	100	10	100
34	10	100	10	100	10	100	10	100
35	10	100	10	100	10	100	10	100
36	10	100	10	100	10	100	10	100
37	10	100	10	100	10	100	10	100
38	10	100	10	100	10	100	10	100
39	10	100	10	100	10	100	10	100
40	10	100	10	100	10	100	10	100
41	10	100	10	100	10	100	10	100
42	10	100	10	100	10	100	10	100
43	10	100	10	100	10	100	10	100
44	10	100	10	100	10	100	10	100
45	10	100	10	100	10	100	10	100
46	10	100	10	100	10	100	10	100
47	10	100	10	100	10	100	10	100
48	10	100	10	100	10	100	10	100
49	10	100	1					

2 5 19 3 190 5 83 3^{1/2} 203

4	15	38	9	234	15	88	9	233
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6	25	55	15	245	25	102	15	243
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8	21	250	21	247
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10	27	254	27	250
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11	22	333	44	5555
12				

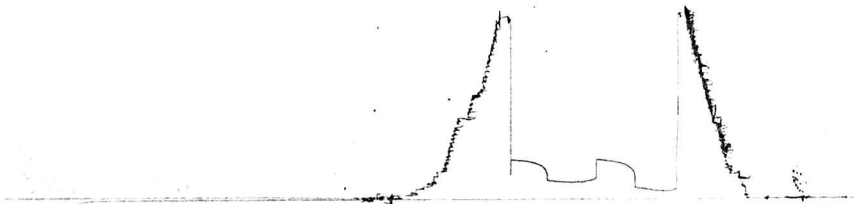
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IKT# 4932

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TKT # 4932

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