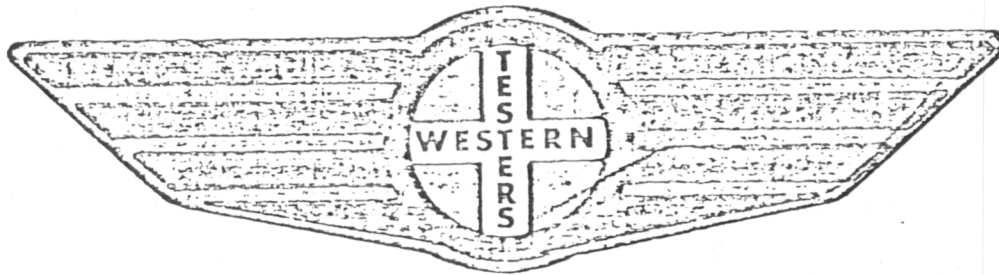


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company _____ GRAVES DRILLING CO., INC. Lease and Well No. _____ #1 ANDERSON Sec. 4 Twp. 19S Rge. 2W Test No. 1 Date 2/20/83

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/20/83
CUSTOMER: GRAVES DRILLING CO. INC.
WELL: 1
ELEVATION (KB): 1548
SECTION: 4
RANGE: 2W
GAUGE SN #5666

TICKET #3212
LEASE: ANDERSON
GEOLOGIST: DIXON
FORMATION: MISSISSIPPI
TOWNSHIP: 19S
COUNTY: MCPHERSON
RANGE: 3950

STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 2962 FT TO: 2975 FT TOTAL DEPTH: 2975 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2957 FT SIZE: 6 3/4 IN PAKER DEPTH: 2962 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BIG KAT
MUD TYPE: CHEMICAL VISCOSITY: 42
WEIGHT: 9.2 WATER LOSS (CC): 9.6
CHLORIDES (P.P.M.): 2000

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? YES REVERSED OUT? NO
DRILL COLLAR LENGTH: 304 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: 760 FT I.D.: 2.25 IN
DRILL PIPE LENGTH: 1882 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 13 FT SIZE: 5 1/2 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 FH IN

BLOW: STRONG.
GAS TO SURFACE IN 35 MINUTES.

RECOVERED: 315 FT OF: VERY SLIGHTLY GAS CUT MUDDY WATER
RECOVERED: FT OF: (FEW OIL SPOTS ON TOP)
RECOVERED: FT OF: CHLORIDES 14000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 4:00 PM TIME STARTED OFF BOTTOM: 6:45 PM
WELL TEMPERATURE: 100 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1505 PSI
INITIAL FLOW PERIOD MIN: 15 (B) 110 PSI TO (C) 121 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 487 PSI
FINAL FLOW PERIOD MIN: 60 (E) 139 PSI TO (F) 145 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 482 PSI
FINAL HYDROSTATIC PRESSURE (H) 1505 PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 12/20/83
CUSTOMER: GRAVES DRILLING CO. INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1548 FORMATION: MISSISSIPPI
SECTION: 4 TOWNSHIP: 19S
RANGE: 2W COUNTY: MCPHERSON STATE: KANSAS
GAUGE SN #5666 RANGE: 3950 CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

SECOND FLOW

35	MERLA	1/4	28" WTR	8890 CFPD
60		1/4	28" WTR	8890 CFPD
70		1/4	28" WTR	8890 CFPD
80		1/4	28" WTR	8890 CFPD
90		1/4	28" WTR	8890 CFPD

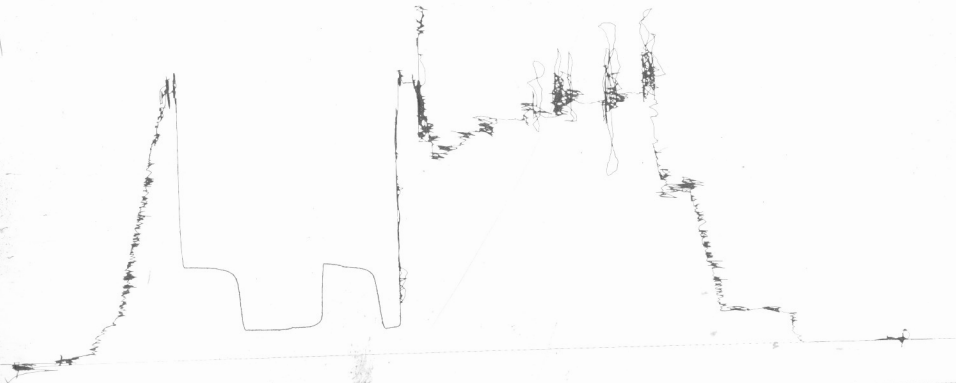
GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 12/20/83

3212

TKT # 3212

I

13265



3212

TKT # 3212

O

5666

