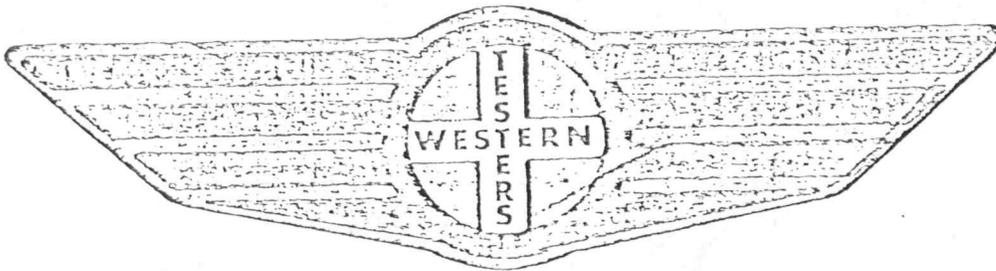


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company

J A ALLISON

Lease and Well No. #5 WAITE

Sec. 19 Twp. 32S Rge. 3E Test No. 1 Date 1/2/84

WESTERN TESTING COMPANY INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 7/2/84  
CUSTOMER: J.A. ALLISON  
WELL: 5  
ELEVATION (KB): 1145  
SECTION: 19  
RANGE: 3E  
GAUGE SN #13265

TEST: 1  
FORMATION: BARTLESVILLE  
TOWNSHIP: 32S  
COUNTY: COWLEY  
RANGE: 3975

TICKET #5465  
LEASE: WAITE  
GEOLOGIST: GREEN  
STATE: KANSAS  
CLOCK: 12

INTERVAL TEST FROM: 3109 FT TO: 3120 FT TOTAL DEPTH: 3120 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 3109 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RANGE

MUD TYPE: CHEMICAL VISCOSITY: 45  
WEIGHT: 9.3 WATER LOSS (CC):

CHLORIDES (P.P.M.):

JARS - MAKE:

SERIAL NUMBER:

DID WELL FLOW? NO

REVERSED OUT? NO

DRILL COLLAR LENGTH: 150 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 2939 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN  
ANCHOR LENGTH: 11 FT SIZE: 5 1/2 O.D. 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 X.H. IN

BLOW: WEAK FOR 24 MINUTES.

RECOVERED: 10 FT OF: MUD  
RECOVERED: FT OF:  
RECOVERED: FT OF:

REMARKS: TOOL SLID 4 FEET TO BOTTOM.

TIME SET PACKER(S): 5:30 A.M.

TIME STARTED OFF BOTTOM: 8:00 A.M.

WELL TEMPERATURE: 114 °F

INITIAL HYDROSTATIC PRESSURE:

(A) 1484 PSI

INITIAL FLOW PERIOD

MIN: 30

(B) 95

PSI TO (C) 74 PSI

INITIAL CLOSED IN PERIOD

MIN: 36

(D) 91

PSI

FINAL FLOW PERIOD

MIN: 30

(E) 69

PSI TO (F) 78 PSI

FINAL CLOSED IN PERIOD

MIN: 45

(G) 103

PSI

FINAL HYDROSTATIC PRESSURE

(H) 1466

PSI

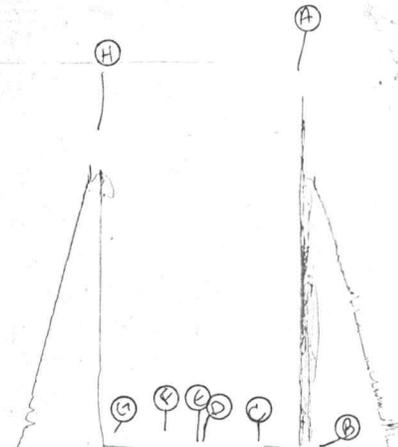


-ICK# 5465

0

5465

13265



YCCFF 5465

I

5465

5666





WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET

Nº

5465

OK

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1145 KB Formation BV Eff. Pay Ft.

AD50

District Augusta Date 7-2-84 Customer Order No.

COMPANY NAME J. A. Allison

ADDRESS 300 West Douglas Suite 305 Wichita, Ks. 67202

LEASE AND WELL NO. Waite #5 COUNTY CL STATE KS Sec. 19 Twp. 32S Rge. 3E

Mail Invoice To #5 Waite Co. Name Same Address Same No. Copies Requested 1

Mail Charts To Same Address Same No. Copies Requested 5

Formation Test No. 1 Interval Tested From 3109 ft. to 3120 ft. Total Depth 3120 ft.

Packer Depth 3109 ft. Size 6.75 in. Packer Depth ft. Size in.

Packer Depth ft. Size in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3111 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 3115 ft. Recorder Number 13265 Cap. 3975

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Range # 2 Drill Collar Length 150 I. D. 2.25 in.

Mud Type Chem Viscosity 45 Weight Pipe Length I. D. in.

Weight 9.3 Water Loss NA cc. Drill Pipe Length 2939 I. D. 3.8 in.

Chlorides NA P.P.M. Test Tool Length 20 ft. Tool Size 5.5 in.

Jars: Make Serial Number Anchor Length 11 ft. Size 5.5 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 1.75 in. Bottom Choke Size 1.75 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 4 in.

Blow: Weak 24 min.

Recovered 10 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used 1 Remarks: Tool slid 4' to bottom

RECEIVED  
JUL - 2 1984

Time On Location 12:45 A.M. Time Pick Up Tool 3:50 P.M. Time Off Location 10:30 P.M.

Time Set Packer(s) 5:30 A.M. Time Started Off Bottom 8:00 A.M. Maximum Temperature 114°F

Initial Hydrostatic Pressure (A) 1475 P.S.I.

Initial Flow Period Minutes 30 (B) 180 P.S.I. to (C) 110 P.S.I.

Initial Closed In Period Minutes 45 (D) 100 P.S.I.

Final Flow Period Minutes 30 (E) 70 P.S.I. to (F) 80 P.S.I.

Final Closed In Period Minutes 45 (G) 180 P.S.I.

Final Hydrostatic Pressure (H) 1495 P.S.I. #13265

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Wayne L. Green  
Signature of Customer or his authorized representative

Western Representative Allen Edgington

FIELD INVOICE

Open Hole Test	\$ 500
Misrun	\$ 200
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$ 65
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$
Extra Charts	\$

WESTERN TESTING CO., INC.

Pressure Data

7-2-84

5465

Date \_\_\_\_\_ Recorder No. 13265 Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft. \_\_\_\_\_  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure	P.S.I.	Open Tool	M	Time Given	Time Computed
A Initial Hydrostatic Mud	1484	P.S.I.	Open Tool	M		
B First Initial Flow Pressure	95	P.S.I.	First Flow Pressure		Mins.	Mins.
C First Final Flow Pressure	74	P.S.I.	Initial Closed-in Pressure		Mins.	Mins.
D Initial Closed-in Pressure	91	P.S.I.	Second Flow Pressure		Mins.	Mins.
E Second Initial Flow Pressure	69	P.S.I.	Final Closed-in Pressure		Mins.	Mins.
F Second Final Flow Pressure	78	P.S.I.				
G Final Closed-in Pressure	103	P.S.I.				
H Final Hydrostatic Mud	1464	P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure  
 Breakdown: 7 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

Initial Shut-In  
 Breakdown: 13 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

Second Flow Pressure  
 Breakdown: 7 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

Final Shut-In  
 Breakdown: 16 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	95	0	74	0	69	0	78
P 2 5	97	3	74	5	69	3	80
P 3 10	100	6	74	10	72	6	82
P 4 15	104	9	75	15	77	9	84
P 5 20	107	12	74	20	81	12	86
P 6 25	110	15	77	25	82	15	88
P 7 30	74	18	79	30	78	18	90
P 8 35		21	81	35		21	92
P 9 40		24	83	40		24	94
P10 45		27	85	45		27	96
P11 50		30	87	50		30	98
P12 55		33	89	55		33	99
P13 60		36	91	60		36	100
P14		39		65		39	101
P15		42		70		42	102
P16		45		75		45	103
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	