



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 13862

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation _____ Formation _____ Eff. Pay _____ Ft.

District _____ Date _____ Customer Order No. _____

COMPANY NAME _____

ADDRESS _____

LEASE AND WELL NO. _____ COUNTY _____ STATE _____ Sec. _____ Twp _____ Rge. _____

Mail Invoice To _____ Co. Name _____ Address _____ No. Copies Requested _____

Mail Charts To _____ Address _____ No. Copies Requested _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.

Packer Depth _____ ft. Size _____ 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) _____ ft. Recorder Number _____ Cap. _____

Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor _____ Drill Collar Length _____ I. D. _____ in.

Mud Type _____ Viscosity _____ Weight Pipe Length _____ I. D. _____ in.

Weight _____ Water Loss _____ cc. Drill Pipe Length _____ I. D. _____ in.

Chlorides _____ P.P.M. Test Tool Length _____ ft. Tool Size _____ in.

Jars: Make _____ Serial Number _____ Anchor Length _____ ft. Size _____ in.

Did Well Flow? _____ Reversed Out _____ Surface Choke Size _____ in. Bottom Choke Size _____ in.

Main Hole Size _____ in. Tool Joint Size _____ in.

Blow: _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time On Location _____ A.M. _____ P.M. Time Pick Up Tool _____ A.M. _____ P.M. Time Off Location _____ A.M. _____ P.M.

Time Set Packer(s) _____ A.M. _____ P.M. Time Started Off Bottom _____ A.M. _____ P.M. Maximum Temperature _____

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

Initial Flow Period _____ Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.

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

Final Flow Period _____ Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.

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

Final Hydrostatic Pressure _____ (H) _____ P.S.I.

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 _____
Signature of Customer or his authorized representative

Western Representative _____

FIELD INVOICE

Open Hole Test \$ _____
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
TOTAL \$ _____

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 3/25/83 TICKET #13862
CUSTOMER: WILLIAM G. ASH OIL & GAS LEASE: HOWEY-ASH
WELL: 1 TEST: 1 GEOLOGIST: L.E. CARTER
ELEVATION (KB): 1291 FORMATION: ARBUCKLE
SECTION: 22 TOWNSHIP: 29S
RANGE: 3E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #13265 RANGE: 3975 CLOCK: 12

INTERVAL TEST FROM: 3246 FT TO: 3254 FT TOTAL DEPTH: 3254 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3241 FT SIZE: 6 3/4 IN PACKER DEPTH: 3246 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: REYNOLDS
MUD TYPE: CHEMICAL VISCOSITY: 42
WEIGHT: 9.9 WATER LOSS (CC): 11.2
CHLORIDES (P.P.M.): 2200

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH:	59	FT	I.D.:	2.25	IN
WEIGHT PIPE LENGTH:		FT	I.D.:		IN
DRILL PIPE LENGTH:	3189	FT	I.D.:	3.8	IN
TEST TOOL LENGTH:	20	FT	TOOL SIZE:	5 1/2	IN
ANCHOR LENGTH:	8	FT	SIZE:	5.5	IN
SURFACE CHOKE SIZE:	3/4	IN	BOTTOM CHOKE SIZE:	3/4	IN
MAIN HOLE SIZE:	7.7/8	IN	TOOL JOINT SIZE:	4.5 XH	IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED:	1080	FT	OF:	SALT WATER 55000 PPM
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	

REMARKS:

TIME SET PACKER(S): 2:45 AM
WELL TEMPERATURE: 115 °F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 27
FINAL FLOW PERIOD MIN: 30
FINAL CLOSED IN PERIOD MIN: 36
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 5:00 AM
(A) 1682 PSI
(B) 61 PSI TO (C) 218 PSI
(D) 1277 PSI
(E) 175 PSI TO (F) 336 PSI
(G) 1256 PSI
(H) 1660 PSI

TKT # 13862
DST # 1

TKT # 13862

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