WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7/19/83 TICKET #1294
CUSTOMER: D J MALONE & R R ABDERHALDEN LEASE: MCHENRY
WELL: 1 TEST: 1 GEOLOGIST: MALONE
ELEVATION (KB): 1261 FORMATION: SIMPSON SAND
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #1560 RANGE: 4500 CLOCK: 12

INTERVAL TEST FROM: 3481 FT TO: 3495 FT TOTAL DEPTH: 3495 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3476 FT SIZE: 6 5/8 IN PACKER DEPTH: 3481 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: R R A DRLG
MUD TYPE: CHEMICAL VISCOSITY: 56
WEIGHT: 9.8 WATER LOSS (CC): 14.0
CHLORIDES (P.P.M.): 1000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 360 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3097 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 24 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 14 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 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW BUILDING
TO STRONG BLOW IN 4 MINUTES.
FINAL FLOW PERIOD STRONG BLOW THROUGHOUT.

RECOVERED: 2230 FT OF: GAS IN PIPE
RECOVERED: 600 FT OF: CLEAN GASSY OIL GRAVITY 40
RECOVERED: 90 FT OF: MUDDY GASSY OIL
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 11:15 AM TIME STARTED OFF BOTTOM: 1:45 PM
WELL TEMPERATURE: 100 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1800 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 64 PSI TO (C) 167 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1384 PSI
FINAL FLOW PERIOD MIN: 30 (E) 221 PSI TO (F) 274 PSI
FINAL CLOSED IN PERIOD MIN: 45 (G) 1369 PSI
FINAL HYDROSTATIC PRESSURE (H) 1783 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 7/19/83 TICKET #1294
CUSTOMER: D J MALONE & R R ABDERHALDEN LEASE: MCHENRY
WELL: 1 TEST: 1 GEOLOGIST: MALONE
ELEVATION (KB): 1261 FORMATION: SIMPSON SAND
SECTION: 13 TOWNSHIP: 29S
RANGE: 1E COUNTY: SEDGWICK STATE: KANSAS
GAUGE SN #1560 RANGE: 4500 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1800	PSI
(B) FIRST INITIAL FLOW PRESSURE:	64	PSI
(C) FIRST FINAL FLOW PRESSURE:	167	PSI
(D) INITIAL CLOSED-IN PRESSURE:	1384	PSI
(E) SECOND INITIAL FLOW PRESSURE:	221	PSI
(F) SECOND FINAL FLOW PRESSURE:	274	PSI
(G) FINAL CLOSED-IN PRESSURE:	1369	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1783	PSI
WELL TEMPERATURE:	100	'F

OPEN TOOL: 11:15 AM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	45 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	45 MIN	45 MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	64	0	167	0	221	0	274
2	5	75	3	1189	5	221	3	1176
3	10	93	6	1294	10	228	6	1272
4	15	123	9	1320	15	240	9	1301
5	20	136	12	1336	20	252	12	1317
6	25	150	15	1348	25	266	15	1329
7	30	167	18	1356	30	274	18	1337
8			21	1363			21	1344
9			24	1368			24	1350
10			27	1372			27	1355
11			30	1376			30	1358
12			33	1378			33	1361
13			36	1380			36	1363
14			39	1382			39	1365
15			42	1383			42	1367
16			45	1384			45	1369
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