

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 6/6/83 TICKET #19000
CUSTOMER: S & G DRILLING LEASE: WRIGHT
WELL: 1 TEST: 1 GEOLOGIST: ?
ELEVATION (KB): 0 FORMATION:
SECTION: 14 TOWNSHIP: 30S
RANGE: 16W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #11019 RANGE: 4500 CLOCK: 12

INTERVAL TEST FROM: 3327 FT TO: 3382 FT TOTAL DEPTH: 3382 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3322 FT SIZE: 6 3/4 IN PACKER DEPTH: 3327 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN

MUD TYPE: STARCH VISCOSITY: 30
WEIGHT: 9.1 WATER LOSS (CC):

CHLORIDES (P.P.M.):

JARS - MAKE: SERIAL NUMBER:

DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 510 FT I.D.: 2.2 IN

WEIGHT PIPE LENGTH: FT I.D.: IN

DRILL PIPE LENGTH: 2797 FT I.D.: 3.2 IN

TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN

ANCHOR LENGTH: 55 FT SIZE: 5 1/2 OD IN

SURFACE CHOCKE SIZE: 3/4 IN BOTTOM CHOCKE SIZE: 3/4 IN

MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW

BUILDING TO FAIR BLOW.

FINAL FLOW PERIOD WEAK BLOW.

RECOVERED: 720 FT OF: MUD.

RECOVERED: 180 FT OF: MUDDY WATER. CHLORIDES 42000 PPM.

RECOVERED: FT OF:

REMARKS: HIT BRIDGE 35 STDS OFF BOTTOM.

HAD A HOLE IN PIPE 150' OFF BOTTOM.

TIME SET PACKER(S): 12:30 AM

TIME STARTED OFF BOTTOM: 3:30 AM

WELL TEMPERATURE: 107 °F

INITIAL HYDROSTATIC PRESSURE:	(A) 1602	PSI			
INITIAL FLOW PERIOD	MIN: 30	(B) 260	PSI	TO (C) 294	PSI
INITIAL CLOSED IN PERIOD	MIN: 60	(D) 1318	PSI		
FINAL FLOW PERIOD	MIN: 30	(E) 308	PSI	TO (F) 314	PSI
FINAL CLOSED IN PERIOD	MIN: 60	(G) 1286	PSI		
FINAL HYDROSTATIC PRESSURE		(H) 1584	PSI		

WESTERN TESTING COMPANY
PRESSURE DATA

DATE: 6/6/83 TICKET #19000
CUSTOMER: S & G DRILLING LEASE: WRIGHT
WELL: 1 TEST: 1 GEOLOGIST: ?
ELEVATION (KFT): 0 FORMATION:
SECTION: 14 TOWNSHIP: 30S
RANGE: 16W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #11019 RANGE: 4500 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 1602 PSI
(B) FIRST INITIAL FLOW PRESSURE: 260 PSI
(C) FIRST FINAL FLOW PRESSURE: 294 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1318 PSI
(E) SECOND INITIAL FLOW PRESSURE: 308 PSI
(F) SECOND FINAL FLOW PRESSURE: 314 PSI
(G) FINAL CLOSED-IN PRESSURE: 1286 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1584 PSI
WELL TEMPERATURE: 107 °F

OPEN TOOL: 12:30 AM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	60 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	60 MIN

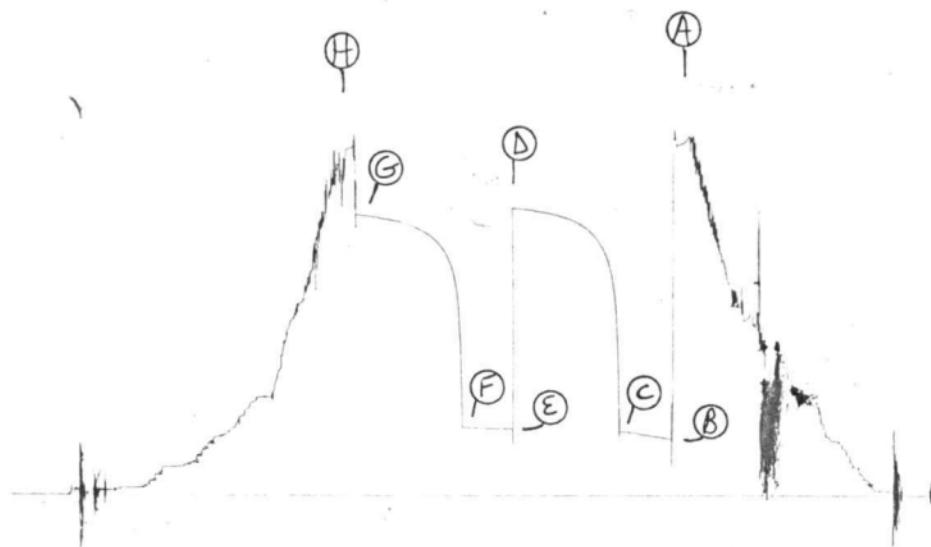
PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	FINAL SHUT-IN PRESSURE
1	0	260	0	314
2	5	265	3	991
3	10	273	6	1079
4	15	278	9	1128
5	20	286	12	1156
6	25	292	15	1180
7	30	294	18	1199
8		21	1240	1214
9		24	1253	1225
10		27	1266	1238
11		30	1274	1246
12		33	1282	1253
13		36	1289	1260
14		39	1293	1265
15		42	1297	1268
16		45	1301	1271
17		48	1305	1274
18		51	1309	1277
19		54	1312	1280
20		57	1315	1283
21		60	1318	1286
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11017
DST #1

IKI # 19000

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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/10/83
CUSTOMER: S & G DRILLING INC.
WELL: 1 TEST: 2
ELEVATION (KB): 0 FORMATION: MARMATON
SECTION: 14 TOWNSHIP: 30S
RANGE: 16W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #11019 RANGE: 4500 CLOCK: 12

INTERVAL TEST FROM: 4352 FT TO: 4415 FT TOTAL DEPTH: 4415 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4347 FT SIZE: 6 3/4 IN PACKER DEPTH: 4352 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: ALDEBARAN
MUD TYPE: CHEMICAL VISCOSITY: 60
WEIGHT: 9.2 WATER LOSS (CCD): 13.2
CHLORIDES (P.P.M.): 20000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 510 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3822 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 63 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 FH IN

BLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 70 FT OF: MUD
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 1:40 AM	TIME STARTED OFF BOTTOM: 3:40 AM
WELL TEMPERATURE: 120 'F	
INITIAL HYDROSTATIC PRESSURE:	(A) 2086 PSI
INITIAL FLOW PERIOD MIN: 30	(B) 68 PSI TO (C) 68 PSI
INITIAL CLOSED IN PERIOD MIN: 24	(D) 87 PSI
FINAL FLOW PERIOD MIN: 30	(E) 72 PSI TO (F) 72 PSI
FINAL CLOSED IN PERIOD MIN: 30	(G) 81 PSI
FINAL HYDROSTATIC PRESSURE	(H) 2076 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 6/10/83
CUSTOMER: S & G DRILLING INC.
WELL: 1 TEST: 2
ELEVATION (KFT): 0 FORMATION: MARMATON
SECTION: 14 TOWNSHIP: 30S
RANGE: 16W COUNTY: KIOWA STATE: KANSAS
GAUGE SN #11019 RANGE: 4500 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2086 PSI
(B) FIRST INITIAL FLOW PRESSURE: 68 PSI
(C) FIRST FINAL FLOW PRESSURE: 68 PSI
(D) INITIAL CLOSED-IN PRESSURE: 87 PSI
(E) SECOND INITIAL FLOW PRESSURE: 72 PSI
(F) SECOND FINAL FLOW PRESSURE: 72 PSI
(G) FINAL CLOSED-IN PRESSURE: 81 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2076 PSI
WELL TEMPERATURE: 120 °F
OPEN TOOL: 1:40 AM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	24 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	30 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	FINAL SHUT-IN MIN	PRESSURE	
1	0	68	0	72	0	72
2	5	68	3	72	3	72
3	10	68	6	72	6	73
4	15	68	9	72	9	74
5	20	68	12	72	12	75
6	25	68	15	72	15	76
7	30	68	18	72	18	77
8			21		21	78
9			24		24	79
10					27	80
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11019
DST#2

TKT # 1430

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(H)

(A)

G F E D C

(B)