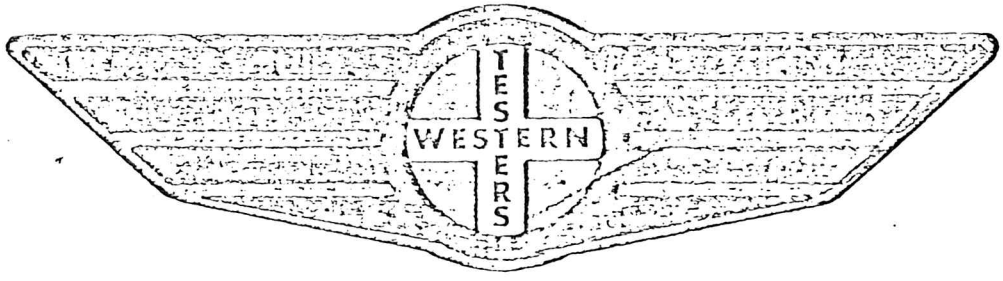
Company WOOLSEY PETROLEUM CORP. Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W Test No. 1 Date 3/12/84

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/12/84 TICKET #3545
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 1 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: INDIAN CAVE
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 2594 FT TO: 2655 FT TOTAL DEPTH: 2655 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2589 FT SIZE: 6 5/8 IN PACKER DEPTH: 2594 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO DRLG
MUD TYPE: PREMIX VISCOSITY: 28
WEIGHT: 9.6 WATER LOSS (CC):
CHLORIDES (P.P.M.): 60000
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: 2423 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 61 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 1/2 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW.
DIED IN 10 MINUTES.
FINAL FLOW PERIOD NO BLOW.

RECOVERED: 360 FT OF: DRILLING MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: FLUSHED TOOL ON FINAL FLOW PERIOD.
READ BOTTOM CHART.

TIME SET PACKER(S): 10:20 PM TIME STARTED OFF BOTTOM: 12:20 AM
WELL TEMPERATURE: 105 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1261 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 206 PSI TO (C) 206 PSI
INITIAL CLOSED IN PERIOD MIN: 33 (D) 933 PSI
FINAL FLOW PERIOD MIN: 30 (E) 225 PSI TO (F) 225 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 896 PSI
FINAL HYDROSTATIC PRESSURE (H) 1230 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 3/12/84 TICKET #3545
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 1 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: INDIAN CAVE
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1261	PSI
(B) FIRST INITIAL FLOW PRESSURE:	206	PSI
(C) FIRST FINAL FLOW PRESSURE:	206	PSI
(D) INITIAL CLOSED-IN PRESSURE:	933	PSI
(E) SECOND INITIAL FLOW PRESSURE:	225	PSI
(F) SECOND FINAL FLOW PRESSURE:	225	PSI
(G) FINAL CLOSED-IN PRESSURE:	896	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1230	PSI
WELL TEMPERATURE:	105	'F

OPEN TOOL: 10:20 PM

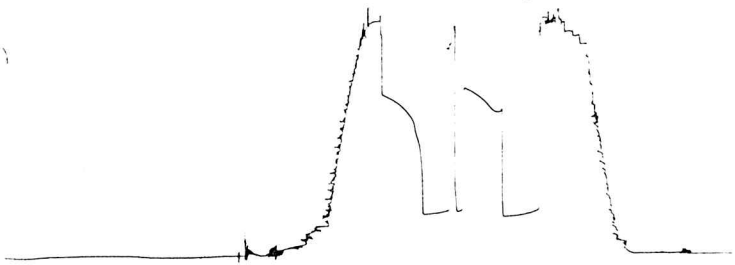
	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	33 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	30 MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	206	0	206	0	225	0	225
2	5	206	3	206	5	230	3	612
3	10	206	6	761	10	228	6	720
4	15	206	9	785	15	227	9	775
5	20	206	12	819	20	226	12	807
6	25	206	15	846	25	225	15	828
7			18	870	30	225	18	850
8			21	891			21	866
9			24	907			24	881
10			27	918			27	891
11			30	927			30	896
12			33	933				
13								
14								
15								
16								
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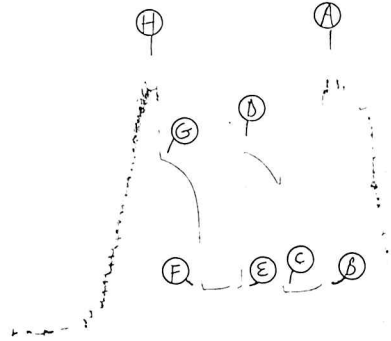
TKT # 3545

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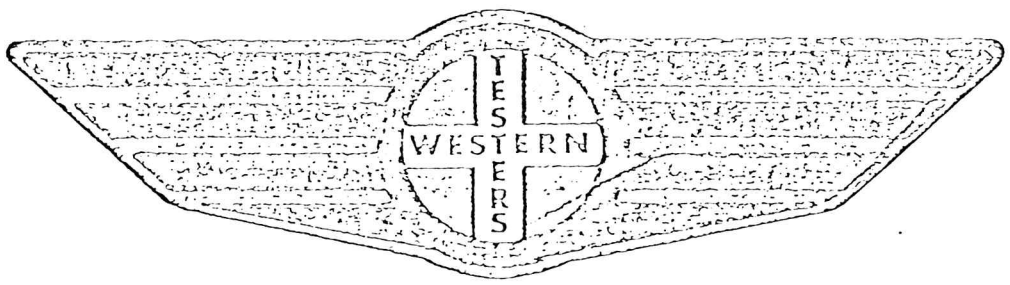
TKT # 3545

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ompany WOOLSEY PETROLEUM CORPORATION Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W Test No. 2 Date 3/14/-

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/14/84 TICKET #3546
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 2 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: LANSING
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 3815 FT TO: 3832 FT TOTAL DEPTH: 3832 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3827 FT SIZE: 6 5/8 IN PACKER DEPTH: 3832 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO DRLG
MUD TYPE: CHEMICAL VISCOSITY: 35
WEIGHT: 9.4 WATER LOSS (CC): 14.4
CHLORIDES (P.P.M.): 15000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES

DRILL COLLAR LENGTH:	180	FT	I.D.: 2.25	IN	
WEIGHT PIPE LENGTH:		FT	I.D.:	IN	
DRILL PIPE LENGTH:	3614	FT	I.D.: 3.8	IN	
TEST TOOL LENGTH:	21	FT	TOOL SIZE: 5 1/2 OD	IN	
ANCHOR LENGTH:	17	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 1/2 FH	IN	

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED:	130	FT	OF: MUDDY WATER.
RECOVERED:	1440	FT	OF: SALT WATER. CHLORIDES 127000 PPM.
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:

REMARKS: READ BOTTOM CHART.

TIME SET PACKER(S): 4:30 PM TIME STARTED OFF BOTTOM: 8:15 PM
WELL TEMPERATURE: 117 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 1846	PSI	
INITIAL FLOW PERIOD	MIN: 25	(B) 160	PSI TO (C) 427	PSI
INITIAL CLOSED IN PERIOD	MIN: 60	(D) 1305	PSI	
FINAL FLOW PERIOD	MIN: 45	(E) 514	PSI TO (F) 757	PSI
FINAL CLOSED IN PERIOD	MIN: 90	(G) 1299	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1822	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 3/14/84 TICKET #3546
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 2 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: LANSING
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A)	INITIAL HYDROSTATIC PRESSURE:	1846	PSI
(B)	FIRST INITIAL FLOW PRESSURE:	160	PSI
(C)	FIRST FINAL FLOW PRESSURE:	427	PSI
(D)	INITIAL CLOSED-IN PRESSURE:	1305	PSI
(E)	SECOND INITIAL FLOW PRESSURE:	514	PSI
(F)	SECOND FINAL FLOW PRESSURE:	757	PSI
(G)	FINAL CLOSED-IN PRESSURE:	1299	PSI
(H)	FINAL HYDROSTATIC PRESSURE:	1822	PSI
WELL TEMPERATURE:		117	'F

OPEN TOOL: 4:30 PM

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	60 MIN
SECOND FLOW PRESSURE:	45 MIN	45 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	90 MIN

PRESSURE BREAKDOWN

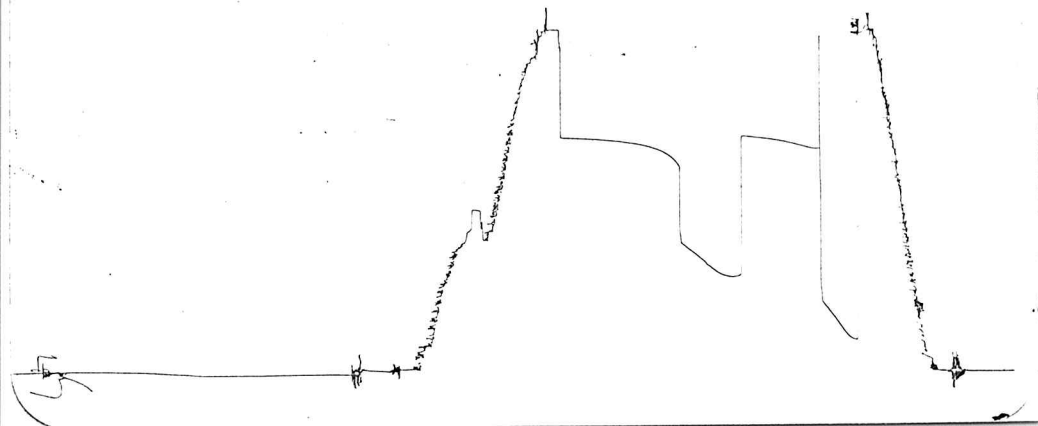
	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	160	0	427	0	514	0	757
2	5	260	3	635	5	521	3	1173
3	10	311	6	1208	10	547	6	1212
4	15	357	9	1224	15	583	9	1231
5	20	401	12	1241	20	619	12	1241
6	25	427	15	1253	25	650	15	1249
7			18	1262	30	681	18	1256
8			21	1270	35	711	21	1260
9			24	1276	40	738	24	1264
10			27	1280	45	757	27	1268
11			30	1284			30	1271
12			33	1287			33	1273
13			36	1290			36	1275
14			39	1293			39	1277
15			42	1295			42	1279
16			45	1297			45	1281
17			48	1299			48	1283
18			51	1301			51	1285
19			54	1303			54	1287
20			57	1304			57	1289
21			60	1305			60	1291
22							63	1292
23							66	1293
24							69	1294
25							72	1295
26							75	1296
27							78	1297
28							81	1298
29							84	1299
30							87	1299

PRESSURE BREAKD@WN - CONT. TICKET #3546

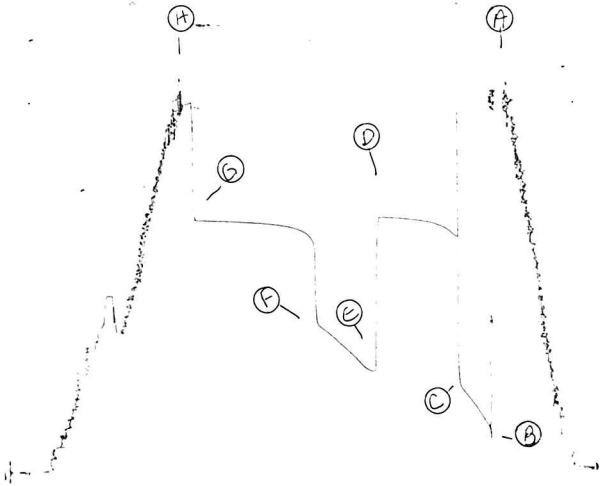
PT	FIRST FLOW MIN	FIRST FLOW PRESSURE	INITIAL SHUT-IN MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	SECOND FLOW PRESSURE	FINAL SHUT-IN MIN	FINAL SHUT-IN PRESSURE
31							90	1299
32								
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TCK # 3546

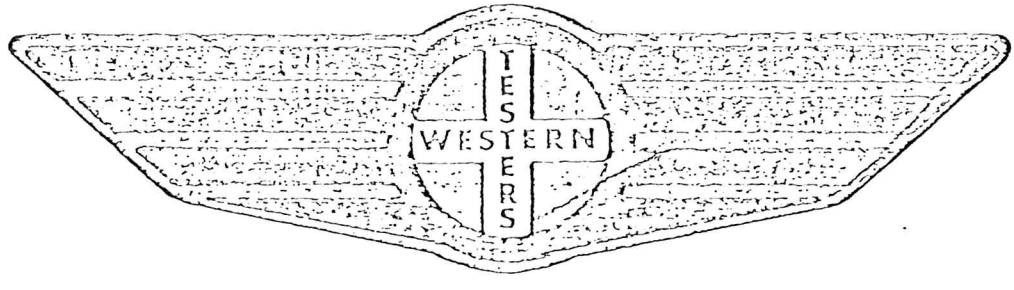
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TCK# 3546



FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company WOOLSEY PETROLEUM CORPORATION Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/15/84 TICKET #3547
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 3 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: LANSING
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 3945 FT TO: 3976 FT TOTAL DEPTH: 3976 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3940 FT SIZE: 6 5/8 IN PACKER DEPTH: 3945 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO DRLG
MUD TYPE: CHEMICAL VISCOSITY: 38
WEIGHT: 9.3 WATER LOSS (CC): 20.0
CHLORIDES (P.P.M.): 20000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH:	180	FT	I.D.: 2.25	IN	
WEIGHT PIPE LENGTH:		FT	I.D.:	IN	
DRILL PIPE LENGTH:	3744	FT	I.D.: 3.8	IN	
TEST TOOL LENGTH:	21	FT	TOOL SIZE: 5 1/2 OD	IN	
ANCHOR LENGTH:	31	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 1/2 FH	IN	

BLOW: INITIAL FLOW PERIOD WEAK BLOW.
FINAL FLOW PERIOD NO BLOW.

RECOVERED:	80	FT	OF: DRILLING MUD;FEW OIL SPECKS ON TOP OF TOOL.
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:

REMARKS: READ BOTTOM CHART.

TIME SET PACKER(S): 1:10 PM TIME STARTED OFF BOTTOM: 4:25 PM
WELL TEMPERATURE: 117 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 2056	PSI	
INITIAL FLOW PERIOD	MIN: 45	(B) 61	PSI TO (C) 65	PSI
INITIAL CLOSED IN PERIOD	MIN: 84	(D) 300	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 78	PSI TO (F) 78	PSI
FINAL CLOSED IN PERIOD	MIN: 21	(G) 96	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 2044	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 3/15/84 TICKET #3547
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 3 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: LANSING
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	2056	PSI
(B) FIRST INITIAL FLOW PRESSURE:	61	PSI
(C) FIRST FINAL FLOW PRESSURE:	65	PSI
(D) INITIAL CLOSED-IN PRESSURE:	300	PSI
(E) SECOND INITIAL FLOW PRESSURE:	78	PSI
(F) SECOND FINAL FLOW PRESSURE:	78	PSI
(G) FINAL CLOSED-IN PRESSURE:	96	PSI
(H) FINAL HYDROSTATIC PRESSURE:	2044	PSI
WELL TEMPERATURE:	117	'F

OPEN TOOL: 1:10 PM

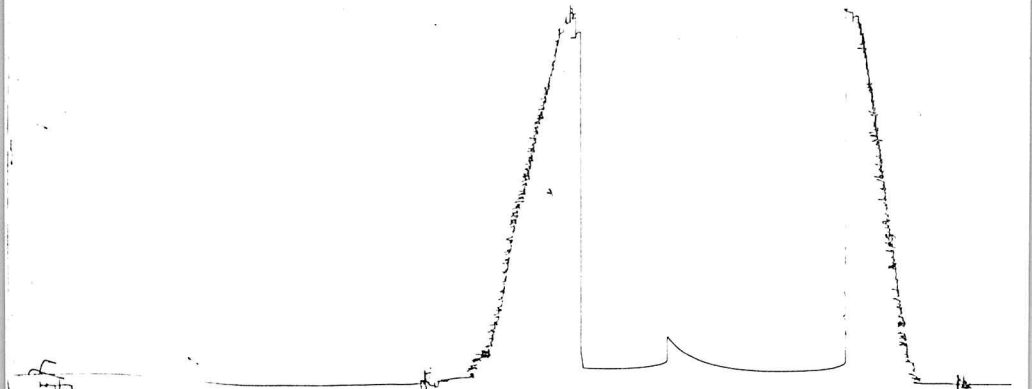
	TIME - GIVEN		TIME - ACTUAL	
FIRST FLOW PRESSURE:	45	MIN	45	MIN
INITIAL CLOSED-IN PRESSURE:	90	MIN	84	MIN
SECOND FLOW PRESSURE:	30	MIN	30	MIN
FINAL CLOSED-IN PRESSURE:	30	MIN	21	MIN

PRESSURE BREAKDOWN

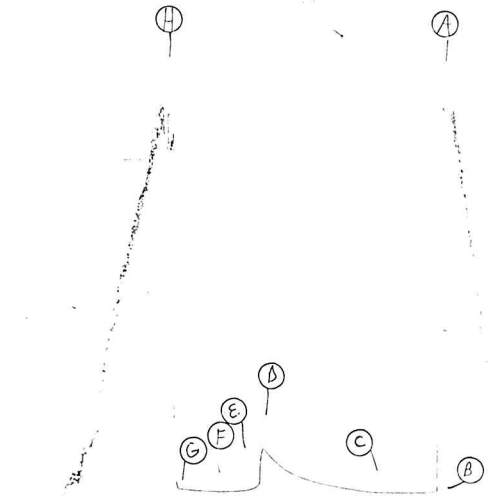
	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	61	0	65	0	78	0	78
2	5	61	3	65	5	78	3	78
3	10	61	6	68	10	78	6	79
4	15	61	9	71	15	78	9	82
5	20	62	12	74	20	78	12	85
6	25	62	15	77	25	78	15	88
7	30	62	18	80	30	78	18	93
8	35	63	21	83			21	96
9	40	64	24	86				
10	45	65	27	90				
11			30	96				
12			33	102				
13			36	108				
14			39	114				
15			42	120				
16			45	126				
17			48	132				
18			51	138				
19			54	144				
20			57	150				
21			60	158				
22			63	169				
23			66	182				
24			69	197				
25			72	213				
26			75	234				
27			78	253				
28			81	280				
29			84	300				
30								

HC# 3547

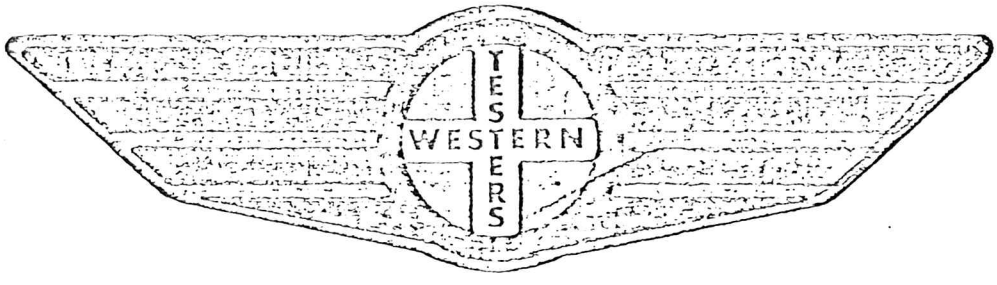
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TCK# 3547



FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company WOOSLEY PETROLEUM CORP. Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W Test No. 4 Date 3/16/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/16/84 TICKET #3548
CUSTOMER: WOOLSEY PETROLEUM CORPORATION LEASE: SWISHER "B"
WELL: 1 TEST: 4 GEOLOGIST: KEIDLER
ELEVATION (KB): 0 FORMATION: VIOLA
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4318 FT TO: 4323 FT TOTAL DEPTH: 4323 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4313 FT SIZE: 6 5/8 IN PACKER DEPTH: 4318 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO
MUD TYPE: CHEM VISCOSITY: 38
WEIGHT: 9.4 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 16000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? YES REVERSED OUT? NO

DRILL COLLAR LENGTH:	180	FT	I.D.: 2.25	IN	
WEIGHT PIPE LENGTH:		FT	I.D.:	IN	
DRILL PIPE LENGTH:	4111	FT	I.D.: 3.8	IN	
TEST TOOL LENGTH:	27	FT	TOOL SIZE: 5 1/2 O.D.	IN	
ANCHOR LENGTH:	5	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 FH	IN	

BLOW: STRONG BLOWS THROUGHOUT FLOW PERIODS.
GAS TO SURFACE IN 4 MINUTES. SEE
FLOW SHEET.

RECOVERED:	30	FT	OF: GAS CUT MUD (FEW SPECKS OF OIL)
RECOVERED:	90	FT	OF: SLIGHLTY OIL & GAS CUT MUD. 5% OIL.
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:
RECOVERED:		FT	OF:

REMARKS: READ BOTTOM CHART.

TIME SET PACKER(S): 8:45 P.M. TIME STARTED OFF BOTTOM: 4:30 A.M.
WELL TEMPERATURE: 122 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 2141	PSI	
INITIAL FLOW PERIOD	MIN: 70	(B) 124	PSI TO (C) 164	PSI
INITIAL CLOSED IN PERIOD	MIN: 120	(D) 1371	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 164	PSI TO (F) 192	PSI
FINAL CLOSED IN PERIOD	MIN: 180	(G) 1363	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 2103	PSI	

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 3/16/84 TICKET #3548
CUSTOMER: WOOLSEY PETROLEUM CORPORATION LEASE: SWISHER "B"
WELL: 1 TEST: 4 GEOLOGIST: KEIDLER
ELEVATION (KB): 0 FORMATION: VIOLA
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	2141	PSI
(B) FIRST INITIAL FLOW PRESSURE:	124	PSI
(C) FIRST FINAL FLOW PRESSURE:	164	PSI
(D) INITIAL CLOSED-IN PRESSURE:	1371	PSI
(E) SECOND INITIAL FLOW PRESSURE:	164	PSI
(F) SECOND FINAL FLOW PRESSURE:	192	PSI
(G) FINAL CLOSED-IN PRESSURE:	1363	PSI
(H) FINAL HYDROSTATIC PRESSURE:	2103	PSI
WELL TEMPERATURE:	122	'F

OPEN TOOL: 8:45 P.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	75 MIN	70 MIN
INITIAL CLOSED-IN PRESSURE:	120 MIN	120 MIN
SECOND FLOW PRESSURE:	90 MIN	90 MIN
FINAL CLOSED-IN PRESSURE:	180 MIN	180 MIN

PRESSURE BREAKDOWN

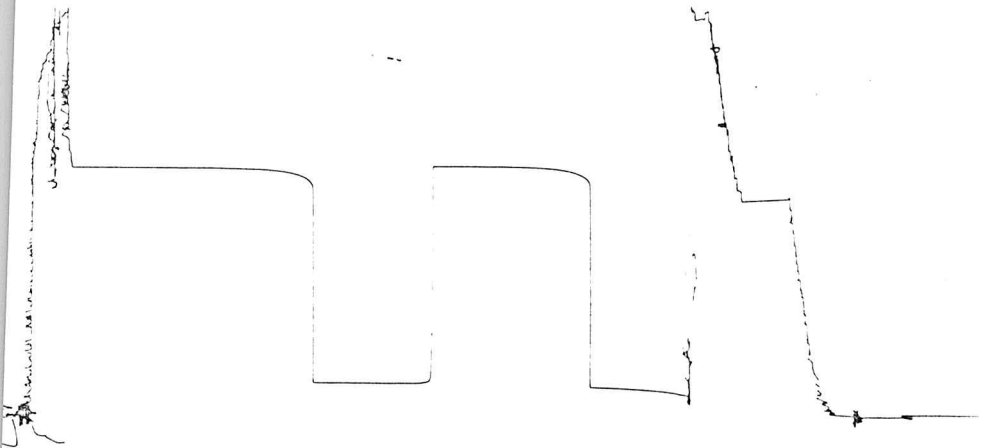
	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	124	0	164	0	164	0	192
2	5	124	3	670	5	164	3	1314
3	10	137	6	1343	10	170	6	1340
4	15	143	9	1355	15	176	9	1346
5	20	147	12	1360	20	179	12	1351
6	25	149	15	1363	25	181	15	1354
7	30	151	18	1364	30	183	18	1355
8	35	153	21	1365	35	185	21	1356
9	40	155	24	1366	40	187	24	1357
10	45	157	27	1367	45	189	27	1358
11	50	159	30	1368	50	190	30	1359
12	55	161	33	1369	55	191	33	1360
13	60	162	36	1370	60	192	36	1361
14	65	163	39	1371	65	192	39	1362
15	70	164	42	1371	70	192	42	1363
16			45	1371	75	192	45	1363
17			48	1371	80	192	48	1363
18			51	1371	85	192	51	1363
19			54	1371	90	192	54	1363
20			57	1371			57	1363
21			60	1371			60	1363
22			63	1371			63	1363
23			66	1371			66	1363
24			69	1371			69	1363
25			72	1371			72	1363
26			75	1371			75	1363
27			78	1371			78	1363
28			81	1371			81	1363
29			84	1371			84	1363
30			87	1371			87	1363

PRESSURE BREAKDOWN - CONT. TICKET #3548

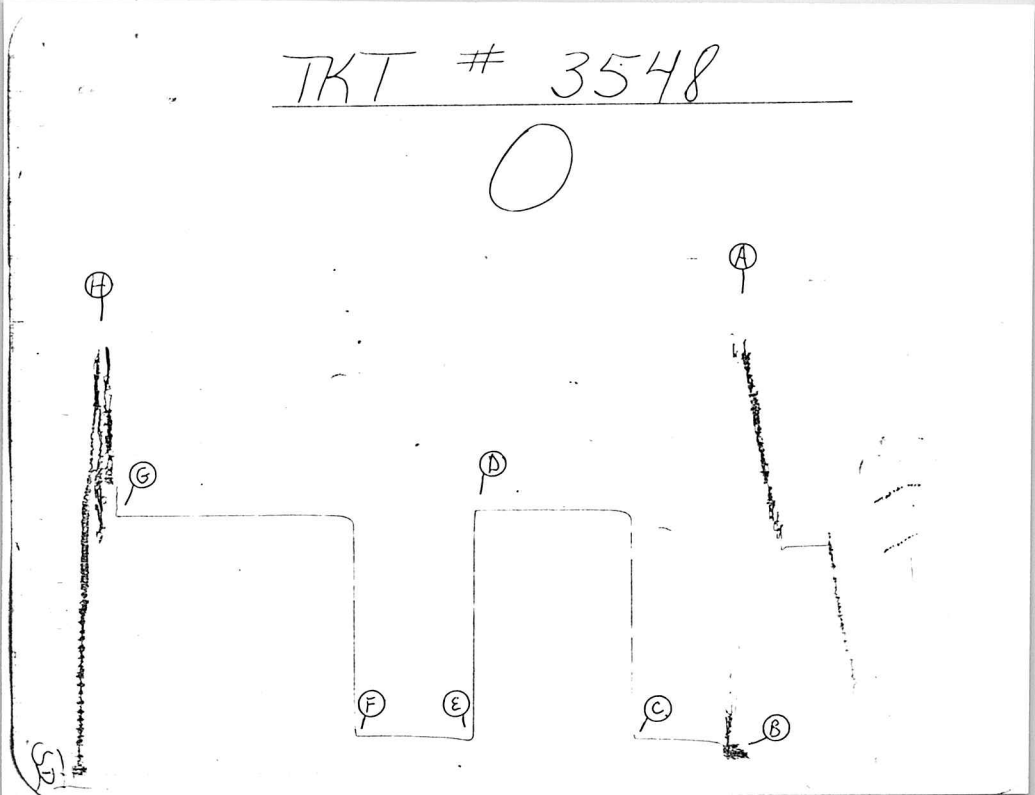
PT	FIRST FLOW MIN	FIRST FLOW PRESSURE	INITIAL SHUT-IN MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	SECOND FLOW PRESSURE	FINAL SHUT-IN MIN	FINAL SHUT-IN PRESSURE
31			90	1371			90	1363
32			93	1371			93	1363
33			96	1371			96	1363
34			99	1371			99	1363
35			102	1371			102	1363
36			105	1371			105	1363
37			108	1371			108	1363
38			111	1371			111	1363
39			114	1371			114	1363
40			117	1371			117	1363
41			120	1371			120	1363
42							123	1363
43							126	1363
44							129	1363
45							132	1363
46							135	1363
47							138	1363
48							141	1363
49							144	1363
50							147	1363
51							150	1363
52							153	1363
53							156	1363
54							159	1363
55							162	1363
56							165	1363
57							168	1363
58							171	1363
59							174	1363
60							177	1363
61							180	1363
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TKT # 3548

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TKT # 3548



WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 3/16/84
CUSTOMER: WOOLSEY PETROLEUM CORPORATION
WELL: 1
TEST: 4
ELEVATION (KB): 0
FORMATION: VIOLA
SECTION: 29
TOWNSHIP: 27S
RANGE: 11W
COUNTY: PRATT
STATE: KANSAS
GAUGE SN #13552
RANGE: 4050
CLOCK: 12
TICKET #3548
LEASE: SWISHER "B"
GEOLOGIST: KEIDLER

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
PRE FLOW				
4				GAS TO SURFACE IN 4 MINUTES.
10	MERLA	1 1/2	3 PSIG	654000 CFPD
15		"	4 PSIG	764000 " "
20		"	5 PSIG	863000 " "
25		"	5 PSIG	863000 " "
30		"	5 PSIG	863000 " "
35		"	5.5 PSIG	908000 " "
40		"	5.5 PSIG	908000 " "
45		"	5.5 PSIG	908000 " "
55		"	5.5 PSIG	908000 " "
65		"	5.5 PSIG	908000 " "
75		"	5.5 PSIG	908000 " "
SECOND FLOW				
5	MERLA	1 1/2	4 PSIG	764000 CFPD
10		"	5 PSIG	863000 " "
15		"	6 PSIG	953000 " "
20		"	7 PSIG	1036000 " "
25		"	7 PSIG	1036000 " "
30		"	7 PSIG	1036000 " "
35		"	7 PSIG	1036000 " "
40		"	7 PSIG	1036000 " "
50		"	7 PSIG	1036000 " "
60		"	7 PSIG	1036000 " "
70		"	7 PSIG	1036000 " "
80		"	7 PSIG	1036000 " "
90		"	7 PSIG	1036000 " "

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

Gas Production

		Time	Pressure			
B.T. Gauge Numbers			13552	Ticket Number		3548
Initial Hydrostatic			2141	Elevation		. ft.
Final Hydrostatic			2103	Production Rate	Intial	908 m cu. ft.
1st Flow	Initial	— — — —	124		Final	1,036 m cu. ft.
	Final	70	164	Hole Size		7.875 in.
Initial Closed In Pressure		120	1371	Footage Tested		5 ft.
2nd Flow	Initial	— — — —	164	Mud Weight		9.4 lbs. gal.
	Final	90	192	Gas Viscosity		cp
Final Closed In Pressure		180	1363	Gas Gravity		—
Extrapolated Static Pressure	Initial		1372–1365	Gas Compressibility		—
	Final		1364–1357			
Slope Psi²/cycle	Initial		6.698			
	Final		7.256			

Remarks: _____

SUMMARY

BT Gauge Number Depth

Product	Equation	Initial	Final	Units
Transmissability	$\frac{Kh}{\mu} = \frac{1637\ Q_g\ ZT}{m}$	37025.295	42493.126	$\frac{md.\ ft.}{cp}$
Theoretical Flow Capacity	$Kh = \frac{Kh}{\mu}\ \mu$	666.455	764.876	md. ft.
Average Effective	$K = \frac{Kh}{h}$	133.291	152.975	md.
Permeability	$K_1 = \frac{Kh}{h_1}$			md.
Indicated Flow Capacity	$(Kh)_2 = \frac{3200\ Q_g\ \mu\ ZT\ \text{Log}(0.472\ b/r_w)}{P_s^2 - P_f^2}$	29.429	35.511	md. ft.
Damage Ratio	$DR = \frac{\text{Theo. Flow Cap}}{\text{Indicated Flow Cap}} \quad \frac{Kh}{(Kh)_2}$	22.646	21.538	—
Indicated Flow Rate	$OF_1 = \frac{Q_g \quad P_s^2}{P_s^2 - P_f^2}$	921.161	1056.942	MCFD
		914.557	1046.418	MCFD
Theoretical Potential Rate	$OF_3 = OF_1\ DR$ Max.	20860.684	22765.437	MCFD
	$OF_4 = OF_2\ DR$ Min.	20711.117	22538.771	MCFD
Approx. Radius of Investigation	$b \leftrightarrows \sqrt{Kt}$ or $\sqrt{Kt_0}$	96.593	117.336	ft.
	$b_1 \leftrightarrows \sqrt{K_1 t}$ or $\sqrt{K_1 t_0}$			ft.
Potentiometric Surface *	$Pot. = (El - GD) + (2.319\ Ps)$			ft.

NOTICE: These calculations are based upon information furnished by you and taken from Drill Stem Tests pressure charts, and are furnished you for your information. In furnishing such calculations and evaluations based thereon, Western Testing Co., Inc., is merely expressing its opinion. You agree that Western Testing Co., Inc., make no warranty express or implied as to the accuracy of such calculations or opinions, and that Western Testing Co., Inc., shall not be liable for any loss or damage, whether due to negligence or otherwise, in connection with such calculations and opinions.

INTERPRETATIONS AND CALCULATIONS

Gas Production

B.T. Gauge Numbers		13552	Ticket Number		3548
		Pressure			
Initial Hydrostatic		2141	Elevation		. ft.
Final Hydrostatic		2103	Production Rate	Intial	908 m cu. ft.
	Time			Final	1,036 m cu. ft.
1st Flow Initial	----	124			
1st Flow Final	70	164	Hole Size		7.875 in.
Initial Closed In Pressure	120	1371	Footage Tested		5 ft.
2nd Flow Initial	----	164	Mud Weight		9.4 lbs. gal.
2nd Flow Final	90	192	Gas Viscosity		cp
Final Closed In Pressure	180	1363	Gas Gravity		—
Extrapolated Static Pressure Initial		1372 - 1365	Gas Compressibility		—
Extrapolated Static Pressure Final		1364 - 1357			
Slope Psi²/cycle Initial		6.698			
Slope Psi²/cycle Final		7.256			

Remarks:

SUMMARY

BT Gauge Number Depth: 744

Product	Equation	Initial	Final	Units
Transmissability	$\frac{Kh}{\mu} = \frac{1637\ Q_g\ ZT}{m}$	37025.295	42493.126	md. ft. / cp
Theoretical Flow Capacity	$Kh = \frac{Kh}{\mu}\ \mu$	666.455	764.876	md. ft.
Average Effective	$K = \frac{Kh}{h}$	133.291	152.975	md.
Permeability	$K_1 = \frac{Kh}{h_1}$			md.
Indicated Flow Capacity	$(Kh)_2 = \frac{3200\ Q_g\ \mu\ ZT\ \text{Log}(0.472\ b/r_w)}{P_s^2 - P_f^2}$	29.429	35.511	md. ft.
Damage Ratio	$DR = \frac{\text{Theo. Flow Cap}}{\text{Indicated Flow Cap}}\ \frac{Kh}{(Kh)_2}$	22.696	21.538	—
Indicated Flow Rate	$OF_1 = \frac{Q_g}{P_s^2 - P_f^2}\ P_s^2$	921.161	1056.942	MCFD
		914.557	1046.418	MCFD
Theoretical Potential Rate	$OF_3 = OF_1\ DR$ Max.	20860.684	22765.437	MCFD
	$OF_4 = OF_2\ DR$ Min.	20711.117	22538.771	MCFD
Approx. Radius of Investigation	$b \leftrightarrows \sqrt{Kt}$ or $\sqrt{Kt_0}$	96.593	117.336	ft.
	$b_1 \leftrightarrows \sqrt{K_1 t}$ or $\sqrt{K_1 t_0}$			ft.
Potentiometric Surface *	$Pot. = (EI - GD) + (2.319\ Ps)$			ft.

NOTICE: These calculations are based upon information furnished by you and taken from Drill Stem Tests pressure charts, and are furnished you for your information. In furnishing such calculations and evaluations based thereon, Western Testing Co., Inc., is merely expressing its opinion. You agree that Western Testing Co., Inc., make no warranty express or implied as to the accuracy of such calculations or opinions, and that Western Testing Co., Inc., shall not be liable for any loss or damage, whether due to negligence or otherwise, in connection with such calculations and opinions.

INTERPRETATIONS AND CALCULATIONS

Gas Production

B.T. Gauge Numbers		13552	Ticket Number		3548
Initial Hydrostatic		Pressure 2141	Elevation		. ft.
Final Hydrostatic		2103	Production Rate	Intial 908	m cu. ft.
1st Flow	Initial — — — —	124		Final 1,036	m cu. ft.
	Final 70	164	Hole Size		7.875 in.
Initial Closed In Pressure	120	1371	Footage Tested		5 ft.
2nd Flow	Initial — — — —	164	Mud Weight		9.4 lbs. gal.
	Final 90	192	Gas Viscosity		cp
Final Closed In Pressure	180	1363	Gas Gravity		—
Extrapolated Static Pressure	Initial	1372–1365	Gas Compressibility		—
	Final	1364–1357			
Slope Psi²/cycle	Initial	6.698			
	Final	7.256			

Remarks: _____

SUMMARY

BT Gauge Number Depth

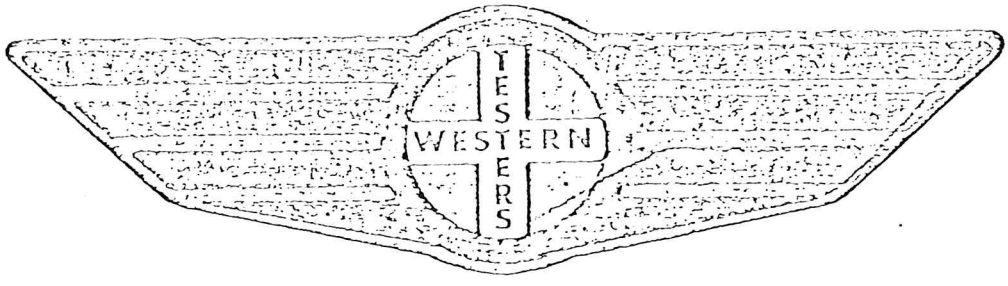
Product	Equation	Initial	Final	Units
Transmissability	$\frac{Kh}{\mu} = \frac{1637\ Q_g\ ZT}{m}$	37025.295	42493.126	$\frac{md.\ ft.}{cp}$
Theoretical Flow Capacity	$Kh = \frac{Kh}{\mu}\ \mu$	666.455	764.876	md. ft.
Average Effective	$K = \frac{Kh}{h}$	133.291	152.975	md.
Permeability	$K_1 = \frac{Kh}{h_1}$			md.
Indicated Flow Capacity	$(Kh)_2 = \frac{3200\ Q_g\ \mu\ ZT\ Log(0.472\ b/r_w)}{P_s^2 - P_f^2}$	29.429	35.511	md. ft.
Damage Ratio	$DR = \frac{\text{Theo. Flow Cap}}{\text{Indicated Flow Cap}} \frac{Kh}{(Kh)_2}$	22.646	21.538	—
Indicated Flow Rate	$OF_1 = \frac{Q_g\ P_s^2}{P_s^2 - P_f^2}$	921.161	1056.942	MCFD
		914.557	1046.418	MCFD
Theoretical Potential Rate	$OF_3 = OF_1\ DR$ Max.	20860.684	22765.437	MCFD
	$OF_4 = OF_2\ DR$ Min.	20711.117	22538.771	MCFD
Approx. Radius of Investigation	$b \leftrightarrows \sqrt{Kt}$ or $\sqrt{Kt_0}$	96.593	117.336	ft.
	$b_1 \leftrightarrows \sqrt{K_1 t}$ or $\sqrt{K_1 t_0}$			ft.
Potentiometric Surface *	$Pot. = (El - GD) + (2.319\ Ps)$			ft.

NOTICE: These calculations are based upon information furnished by you and taken from Drill Stem Tests pressure charts, and are furnished you for your information. In furnishing such calculations and evaluations based thereon, Western Testing Co., Inc., is merely expressing its opinion. You agree that Western Testing Co., Inc., make no warranty express or implied as to the accuracy of such calculations or opinions, and that Western Testing Co., Inc., shall not be liable for any loss or damage, whether due to negligence or otherwise, in connection with such calculations and opinions.

INTERPRETATIONS AND CALCULATIONS

FORMATION TEST REPORT

Company WOOLSEY PETROLEUM CORPORATION Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W Test No. 5 Date 3/17/84



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/17/84 TICKET #3549
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 5 GEOLOGIST: KREIDLER
ELEVATION (KB): 0 FORMATION: VIOLA
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

INTERVAL TEST FROM: 4324 FT TO: 4333 FT TOTAL DEPTH: 4333 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4319 FT SIZE: 6 5/8 IN PACKER DEPTH: 4324 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO DRLG
MUD TYPE: CHEMICAL VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 14000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH:	180	FT	I.D.:	2.25	IN
WEIGHT PIPE LENGTH:		FT	I.D.:		IN
DRILL PIPE LENGTH:	4123	FT	I.D.:	3.8	IN
TEST TOOL LENGTH:	21	FT	TOOL SIZE:	5 1/2 OD	IN
ANCHOR LENGTH:	9	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 1/2 FH	IN

BLOW: INITIAL FLOW PERIOD STRONG BLOW
DECREASED TO FAIR BLOW.
FINAL FLOW PERIOD WEAK BLOW.

RECOVERED: 10 FT OF: DRILLING MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: MISRUN.

TIME SET PACKER(S): 1:25 PM TIME STARTED OFF BOTTOM: 5:55 PM
WELL TEMPERATURE: 0 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 2078	PSI
INITIAL FLOW PERIOD	MIN: 0	(B) 0	PSI TO (C) 0 PSI
INITIAL CLOSED IN PERIOD	MIN: 0	(D) 0	PSI
FINAL FLOW PERIOD	MIN: 0	(E) 0	PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD	MIN: 0	(G) 1339	PSI
FINAL HYDROSTATIC PRESSURE		(H) 2078	PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 3/17/84
CUSTOMER: WOOLSEY PETROLEUM CORP.
WELL: 1 TEST: 5
ELEVATION (KB): 0
SECTION: 29
RANGE: 11W
GAUGE SN #13547

TICKET #3549
LEASE: "B" SWISHER
GEOLOGIST: KREIDLER
FORMATION: VIOLA
TOWNSHIP: 27S
COUNTY: PRATT
RANGE: 4225
STATE: KANSAS
CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	2078	PSI
(B) FIRST INITIAL FLOW PRESSURE:	0	PSI
(C) FIRST FINAL FLOW PRESSURE:	0	PSI
(D) INITIAL CLOSED-IN PRESSURE:	0	PSI
(E) SECOND INITIAL FLOW PRESSURE:	0	PSI
(F) SECOND FINAL FLOW PRESSURE:	0	PSI
(G) FINAL CLOSED-IN PRESSURE:	1339	PSI
(H) FINAL HYDROSTATIC PRESSURE:	2078	PSI
WELL TEMPERATURE:	0	'F

OPEN TOOL: 1:25 PM

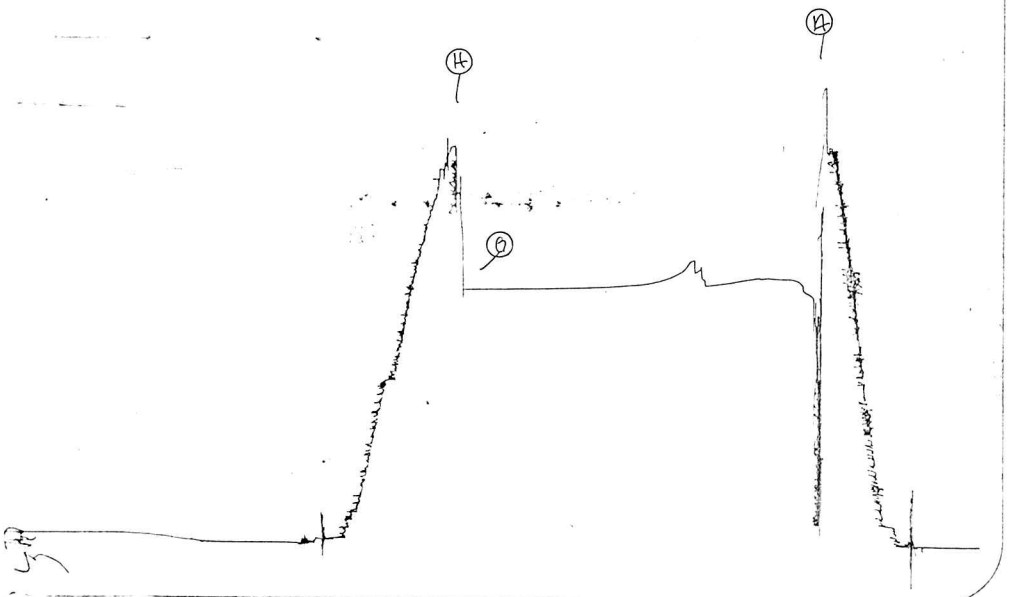
	TIME - GIVEN		TIME - ACTUAL	
FIRST FLOW PRESSURE:	30	MIN	0	MIN
INITIAL CLOSED-IN PRESSURE:	60	MIN	0	MIN
SECOND FLOW PRESSURE:	60	MIN	0	MIN
FINAL CLOSED-IN PRESSURE:	120	MIN	0	MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW MIN	FIRST FLOW PRESSURE	INITIAL SHUT-IN MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	SECOND FLOW PRESSURE	FINAL SHUT-IN MIN	FINAL SHUT-IN PRESSURE
1	0	0	0	0	0	0	0	1339
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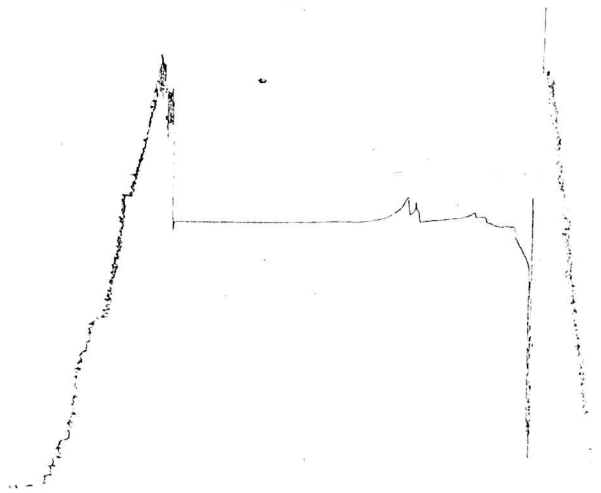
TKT # 3549

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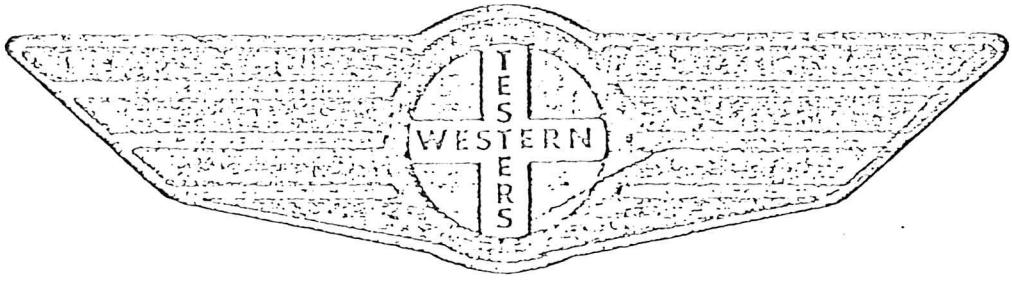


TKT # 3549

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FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company WOOLSEY PETROLEUM CORPORATION Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W Test No. 6 Date 3/18/84

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/18/84 TICKET #3550
CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER
WELL: 1 TEST: 6 GEOLOGIST: KRIEDLER
ELEVATION (KB): 0 FORMATION: VIOLA
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4324 FT TO: 4338 FT TOTAL DEPTH: 4338 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4319 FT SIZE: 6 5/8 IN PACKER DEPTH: 4324 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO DRLG
MUD TYPE: CHEMICAL VISCOSITY: 40
WEIGHT: 9.3 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 14000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 180 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4123 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 14 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 1/2 FH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW
INCREASED TO STRONG BLOW.
FINAL FLOW PERIOD STRONG BLOW.

RECOVERED: 60 FT OF: SLIGHTLY OIL CUT MUD. 5% OIL.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: READ BOTTOM CHART.

TIME SET PACKER(S): 3:30 AM TIME STARTED OFF BOTTOM: 8:30 AM
WELL TEMPERATURE: 122 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 2138	PSI
INITIAL FLOW PERIOD	MIN: 60	(B) 67	PSI TO (C) 69 PSI
INITIAL CLOSED IN PERIOD	MIN: 60	(D) 1082	PSI
FINAL FLOW PERIOD	MIN: 60	(E) 75	PSI TO (F) 77 PSI
FINAL CLOSED IN PERIOD	MIN: 120	(G) 1260	PSI
FINAL HYDROSTATIC PRESSURE		(H) 2095	PSI

WESTERN TESTING CO. INC.

PRESSURE DATA

DATE: 3/18/84 TICKET #3550

CUSTOMER: WOOLSEY PETROLEUM CORP. LEASE: "B" SWISHER

WELL: 1 TEST: 6 GEOLOGIST: KRIEDLER

ELEVATION (KB): 0 FORMATION: VIOLA

SECTION: 29 TOWNSHIP: 27S

RANGE: 11W COUNTY: PRATT STATE: KANSAS

GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	2138	PSI
(B) FIRST INITIAL FLOW PRESSURE:	67	PSI
(C) FIRST FINAL FLOW PRESSURE:	69	PSI
(D) INITIAL CLOSED-IN PRESSURE:	1082	PSI
(E) SECOND INITIAL FLOW PRESSURE:	75	PSI
(F) SECOND FINAL FLOW PRESSURE:	77	PSI
(G) FINAL CLOSED-IN PRESSURE:	1260	PSI
(H) FINAL HYDROSTATIC PRESSURE:	2095	PSI
WELL TEMPERATURE:	122	'F

OPEN TOOL: 3:30 AM

	TIME - GIVEN		TIME - ACTUAL	
FIRST FLOW PRESSURE:	60	MIN	60	MIN
INITIAL CLOSED-IN PRESSURE:	60	MIN	60	MIN
SECOND FLOW PRESSURE:	60	MIN	60	MIN
FINAL CLOSED-IN PRESSURE:	120	MIN	120	MIN

PRESSURE BREAKDOWN

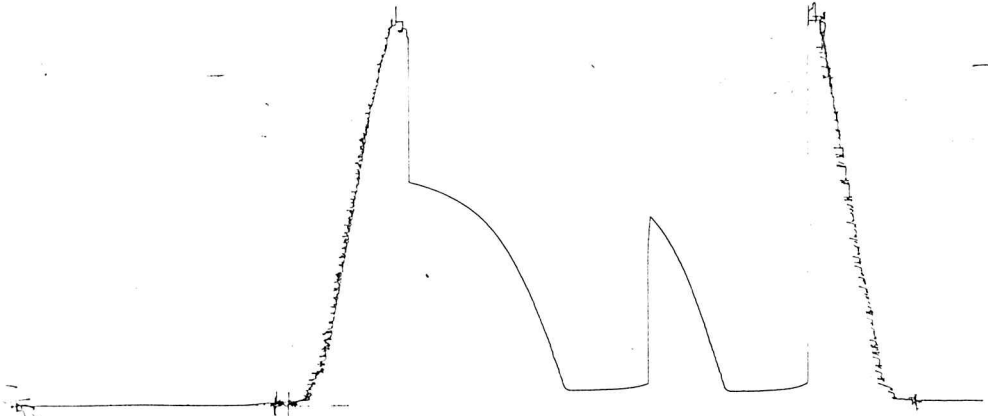
	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	67	0	69	0	75	0	77
2	5	67	3	112	5	75	3	117
3	10	67	6	177	10	75	6	189
4	15	67	9	254	15	75	9	260
5	20	67	12	323	20	75	12	319
6	25	67	15	388	25	75	15	382
7	30	67	18	459	30	75	18	440
8	35	68	21	525	35	76	21	502
9	40	68	24	596	40	76	24	561
10	45	68	27	659	45	76	27	612
11	50	69	30	717	50	77	30	669
12	55	69	33	769	55	77	33	717
13	60	69	36	820	60	77	36	762
14			39	864			39	807
15			42	906			42	848
16			45	942			45	884
17			48	978			48	921
18			51	1006			51	953
19			54	1035			54	985
20			57	1064			57	1011
21			60	1082			60	1035
22							63	1060
23							66	1080
24							69	1098
25							72	1115
26							75	1131
27							78	1145
28							81	1158
29							84	1170
30							87	1180

PRESSURE BREAKDOWN - CONT. TICKET #3550

PT	FIRST FLOW MIN	FIRST FLOW PRESSURE	INITIAL SHUT-IN MIN	INITIAL SHUT-IN PRESSURE	SECOND FLOW MIN	SECOND FLOW PRESSURE	FINAL SHUT-IN MIN	FINAL SHUT-IN PRESSURE
31							90	1190
32							93	1200
33							96	1210
34							99	1218
35							102	1226
36							105	1232
37							108	1238
38							111	1244
39							114	1250
40							117	1256
41							120	1260
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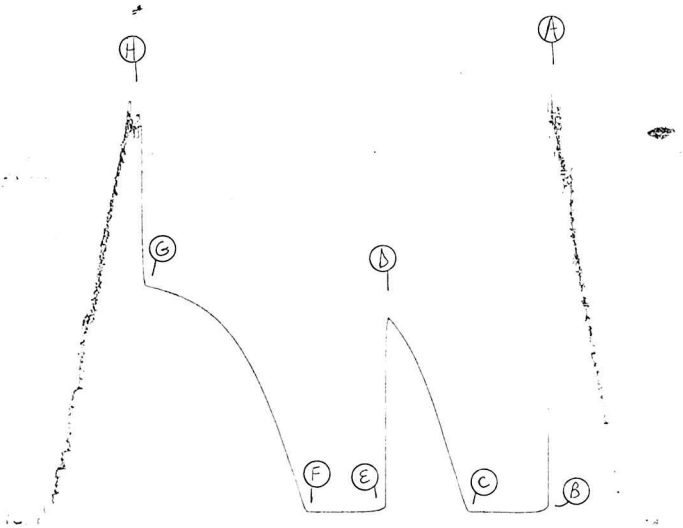
TKT # 3550

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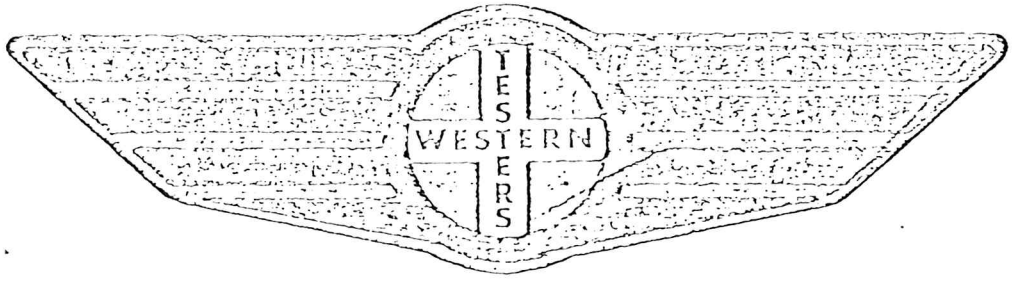
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FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

Company WOOLSEY PETROLEUM CORPORATION Lease and Well No. #1 "B" SWISHER Sec. 29 Twp. 27S Rge. 11W Test No. 7 Date 3/19/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 3/19/84 TICKET #4351
CUSTOMER: WOOLSEY PETROLEUM CORPORATION LEASE: SWISHER "B"
WELL: 1 TEST: 7 GEOLOGIST: KEIDLER
ELEVATION (KB): 0 FORMATION: SIMPSON
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4395 FT TO: 4434 FT TOTAL DEPTH: 4434 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4390 FT SIZE: 6 5/8 IN PACKER DEPTH: 4395 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: BEREDCO
MUD TYPE: CHEM VISCOSITY: 44
WEIGHT: 9.1 WATER LOSS (CC): 8.8
CHLORIDES (P.P.M.): 11000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH:	180	FT	I.D.: 2.25	IN	
WEIGHT PIPE LENGTH:		FT	I.D.:	IN	
DRILL PIPE LENGTH:	4194	FT	I.D.: 3.8	IN	
TEST TOOL LENGTH:	21	FT	TOOL SIZE: 5 1/2 O.D.	IN	
ANCHOR LENGTH:	39	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 FH	IN	

BLOW: INITIAL FLOW PERIOD WEAK BLOW DEAD
IN 35 MINUTES. FINAL FLOW PERIOD
NO BLOW; FLUSHED TOOL.

RECOVERED: 15 FT OF: DRILLING MUD.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS: READ BOTTOM CHART.

TIME SET PACKER(S): 3:50 A.M. TIME STARTED OFF BOTTOM: 6:05 A.M.
WELL TEMPERATURE: 123 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 2180	PSI	
INITIAL FLOW PERIOD	MIN: 40	(B) 60	PSI TO (C) 60	PSI
INITIAL CLOSED IN PERIOD	MIN: 30	(D) 93	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 88	PSI TO (F) 65	PSI
FINAL CLOSED IN PERIOD	MIN: 33	(G) 96	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 2143	PSI	

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 3/19/84 TICKET #4351
CUSTOMER: WOOLSEY PETROLEUM CORPORATION LEASE: SWISHER "B"
WELL: 1 TEST: 7 GEOLOGIST: KEIDLER
ELEVATION (KB): 0 FORMATION: SIMPSON
SECTION: 29 TOWNSHIP: 27S
RANGE: 11W COUNTY: PRATT STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	2180	PSI
(B) FIRST INITIAL FLOW PRESSURE:	60	PSI
(C) FIRST FINAL FLOW PRESSURE:	60	PSI
(D) INITIAL CLOSED-IN PRESSURE:	93	PSI
(E) SECOND INITIAL FLOW PRESSURE:	88	PSI
(F) SECOND FINAL FLOW PRESSURE:	65	PSI
(G) FINAL CLOSED-IN PRESSURE:	96	PSI
(H) FINAL HYDROSTATIC PRESSURE:	2143	PSI
WELL TEMPERATURE:	123	'F

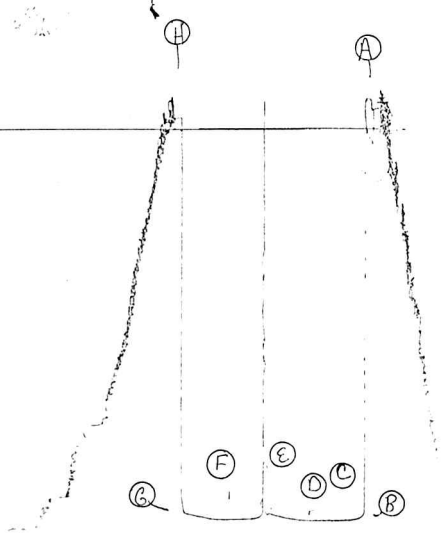
OPEN TOOL: 3:50 A.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	45 MIN	40 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	30 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	33 MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	60	0	60	0	88	0	65
2	5	60	3	60	5	110	3	65
3	10	60	6	61	10	65	6	65
4	15	60	9	62	15	65	9	65
5	20	60	12	63	20	65	12	65
6	25	60	15	65	25	65	15	69
7	30	60	18	71	30	65	18	73
8	35	60	21	77			21	77
9	40	60	24	83			24	80
10			27	88			27	85
11			30	93			30	90
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