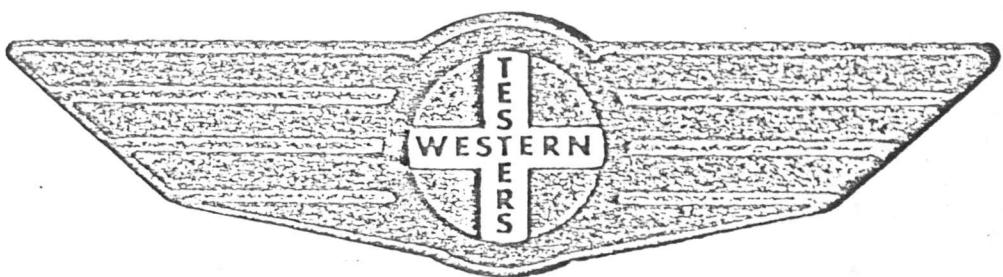


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 9-12-85 TICKET #7581
 CUSTOMER: PETROLEUM ENERGY INC. LEASE: "D" STOLTEMBERG
 WELL: 1 TEST: 1 GEOLOGIST: M.J. WREATH
 ELEVATION (KB): 0 FORMATION: ARBUCKLE
 SECTION: 21 TOWNSHIP: 16S
 RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
 GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3290 FT TO: 3319 FT TOTAL DEPTH: 3319 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 3285 FT SIZE: 6 5/8 IN PACKER DEPTH: 3290 FT SIZE: 6 5/8 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE&ELLIS DRLG. #2
 MUD TYPE: STARCH VISCOSITY: 40
 WEIGHT: 9.4 WATER LOSS (CC): 13.6

CHLORIDES (P.P.M.): 55000

JARS - MAKE: SERIAL NUMBER:

DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH: 325 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 2944 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 21 FT TOOL SIZE: 4 3/4 IN
 ANCHOR LENGTH: 29 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 STRONG BLOW INCREASING TO
 OFF BOTTOM OF BUCKET DURING FIRST MINUTE.
 FINAL FLOW PERIOD STRONG BLOW INCREASING TO
 OFF BOTTOM OF BUCKET IN 3 MINUTES OF PERIOD.

RECOVERED: 1240 FT OF: GASSY OIL (30% GAS; 70% OIL).
 RECOVERED: 240 FT OF: SLIGHTLY MUD CUT GASSY OIL
 RECOVERED: FT OF: (30% GAS; 60% OIL; 8% MUD; 2% WATER).
 RECOVERED: 420 FT OF: SLIGHTLY MUD CUT GASSY OIL
 RECOVERED: FT OF: (40% GAS; 50% OIL; 8% MUD; 2% WATER).
 RECOVERED: 220 FT OF: GAS ABOVE FLUID.
 RECOVERED: FT OF: (44 GRAVITY).
 RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 10:15 TIME STARTED OFF BOTTOM: 12:15

WELL TEMPERATURE: 116 °F

INITIAL HYDROSTATIC PRESSURE:	(A) 1700	PSI		
INITIAL FLOW PERIOD	MIN: 30	(B) 197	PSI TO (C) 472	PSI
INITIAL CLOSED IN PERIOD	MIN: 30	(D) 951	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 537	PSI TO (F) 677	PSI
FINAL CLOSED IN PERIOD	MIN: 30	(G) 953	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1689	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 9-12-85 TICKET #7581
CUSTOMER: PETROLEUM ENERGY INC. LEASE: "D" ST
WELL: 1 TEST: 1 GEOLOGIST: M.
ELEVATION (KB): 0 FORMATION: ARBUCKLE
SECTION: 21 TOWNSHIP: 16S
RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1700	PSI
(B) FIRST INITIAL FLOW PRESSURE:	197	PSI
(C) FIRST FINAL FLOW PRESSURE:	472	PSI
(D) INITIAL CLOSED-IN PRESSURE:	951	PSI
(E) SECOND INITIAL FLOW PRESSURE:	537	PSI
(F) SECOND FINAL FLOW PRESSURE:	677	PSI
(G) FINAL CLOSED-IN PRESSURE:	953	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1689	PSI
WELL TEMPERATURE:	116	'F
OPEN TOOL:	10-15	

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

PRESSURE BREAKDOWN

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	197	0	472	0	537	0	677
2	5	210	3	823	5	540	3	885
3	10	266	6	868	10	560	6	906
4	15	322	9	892	15	592	9	921
5	20	373	12	909	20	624	12	929
6	25	421	15	921	25	654	15	936
7	30	472	18	929	30	677	18	942
8		21		935			21	947
9		24		941			24	951
10		27		947			27	953
11		30		951			30	953

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10480

Ykt. #7581

H



13547

Wet. # 7581

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