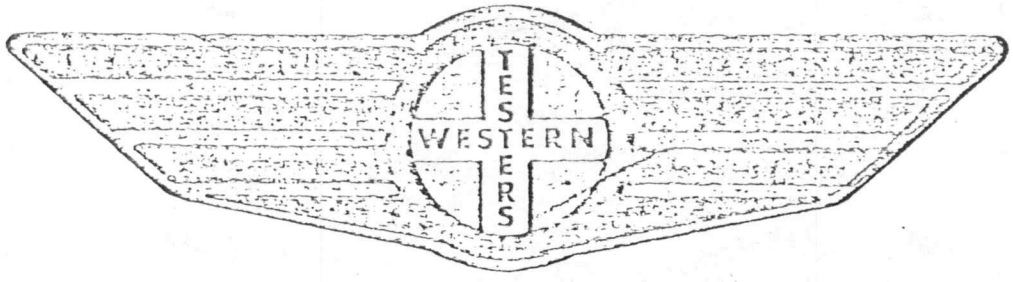
FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

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

Company NATIONAL PETROLEUM RESERVES, INC. Lease and Well No. #1 "A" STRATMANN Sec. 12 Twp. 17S Rge. 10W Test No. 1 Date 11/21/8

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 11/21/84 TICKET #6075
CUSTOMER: NATIONAL PETRO. RESERVES INC. LEASE: STRATMANN "A"
WELL: #1 TEST: 1 GEOLOGIST: CRENSHAW
ELEVATION (KB): 1797 FORMATION: ARBUCKLE
SECTION: 12 TOWNSHIP: 17S
RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3222 FT TO: 3252 FT TOTAL DEPTH: 3252 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3217 FT SIZE: 6 5/8 IN PACKER DEPTH: 3222 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: DUKE
MUD TYPE: STARCH VISCOSITY: 43
WEIGHT: 10.1 WATER LOSS (CC): 16.0
CHLORIDES (P.P.M.): 68000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?

DRILL COLLAR LENGTH:		FT	I.D.:		IN
WEIGHT PIPE LENGTH:	941	FT	I.D.:	2.7	IN
DRILL PIPE LENGTH:	2260	FT	I.D.:	3.8	IN
TEST TOOL LENGTH:	21	FT	TOOL SIZE:	5 1/2 O.D.	IN
ANCHOR LENGTH:	30	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 1/2" BLOW BUILDING TO FAIR 2" BLOW. FINAL FLOW PERIOD NO BLOW FOR 10 MINUTES THEN A WEAK BUILD TO 1/8" BLOW.

RECOVERED:	40 FT	OF:	GAS ABOVE FLUID.
RECOVERED:	20 FT	OF:	OIL & GAS CUT MUD.
RECOVERED:	FT	OF:	30% OIL; 12% GAS; 3% WTR. 55% MUD.
RECOVERED:	60 FT	OF:	OIL & GAS CUT MUD.
RECOVERED:	FT	OF:	28% OIL; 20% GAS; 14% WTR; 38% MUD.
RECOVERED:	60 FT	OF:	OIL & GAS CUT MUD.
RECOVERED:	FT	OF:	20% OIL; 24% GAS; 10% WTR; 46% MUD.
RECOVERED:	FT	OF:	CHLORIDES 68000 P.P.M.
RECOVERED:	FT	OF:	

REMARKS:

TIME SET PACKER(S): 1:30 P.M. TIME STARTED OFF BOTTOM: 4:38 P.M.
WELL TEMPERATURE: 110 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 1796	PSI		
INITIAL FLOW PERIOD	MIN: 30	(B) 58	PSI TO (C) 72		PSI
INITIAL CLOSED IN PERIOD	MIN: 60	(D) 455	PSI		
FINAL FLOW PERIOD	MIN: 35	(E) 94	PSI TO (F) 103		PSI
FINAL CLOSED IN PERIOD	MIN: 60	(G) 421	PSI		
FINAL HYDROSTATIC PRESSURE		(H) 1774	PSI		

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 11/21/84
TICKET #6075
CUSTOMER: NATIONAL PETRO. RESERVES INC.
LEASE: STRATMANN "A"
WELL: #1
TEST: 1
GEOLOGIST: CRENSHAW
ELEVATION (KB): 1797
FORMATION: ARBUCKLE
SECTION: 12
TOWNSHIP: 17S
RANGE: 10W
COUNTY: ELLSWORTH
STATE: KANSAS
GAUGE SN #10980
RANGE: 4200
CLOCK: 12

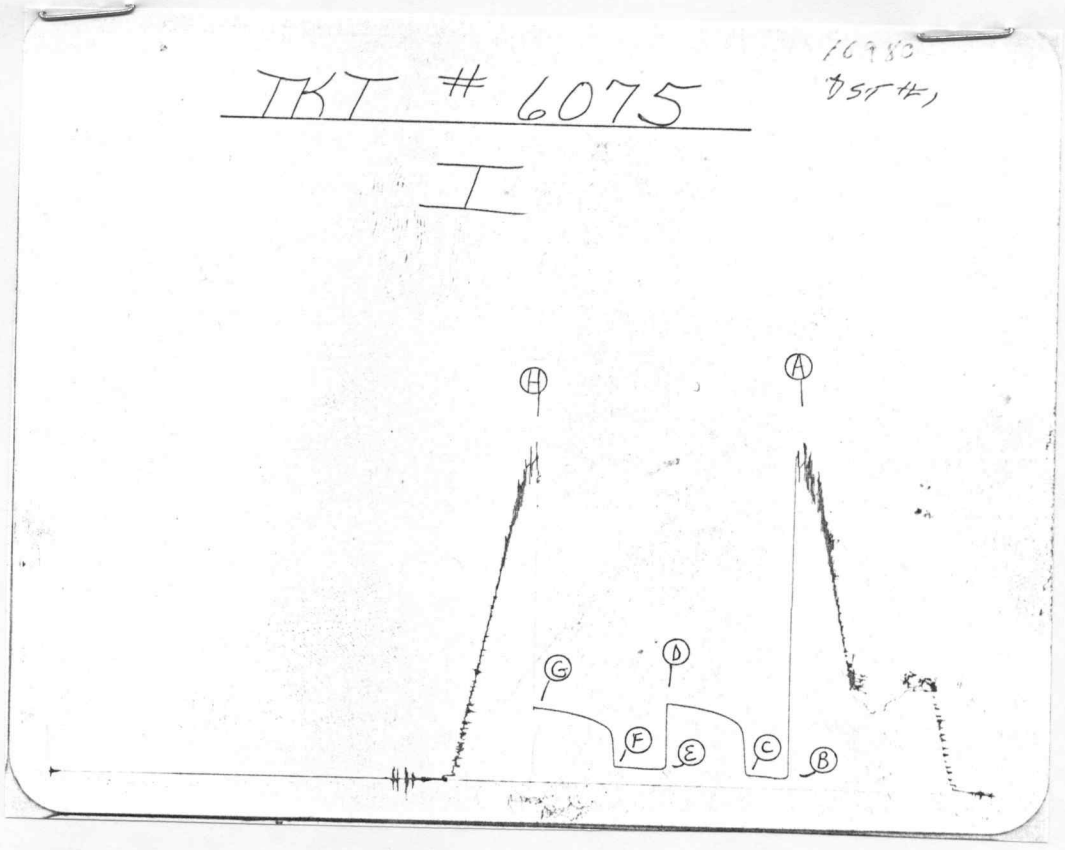
(A) INITIAL HYDROSTATIC PRESSURE:	1796	PSI
(B) FIRST INITIAL FLOW PRESSURE:	58	PSI
(C) FIRST FINAL FLOW PRESSURE:	72	PSI
(D) INITIAL CLOSED-IN PRESSURE:	455	PSI
(E) SECOND INITIAL FLOW PRESSURE:	94	PSI
(F) SECOND FINAL FLOW PRESSURE:	103	PSI
(G) FINAL CLOSED-IN PRESSURE:	421	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1774	PSI
WELL TEMPERATURE:	110	'F

OPEN TOOL: 1:30 P.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	60 MIN
SECOND FLOW PRESSURE:	38 MIN	35 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	60 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	58	0	72	0	94	0	103
2	5	58	3	288	5	94	3	300
3	10	58	6	347	10	94	6	322
4	15	63	9	366	15	94	9	336
5	20	67	12	379	20	96	12	347
6	25	70	15	390	25	98	15	356
7	30	72	18	399	30	101	18	365
8			21	408	35	103	21	373
9			24	414			24	379
10			27	420			27	384
11			30	425			30	389
12			33	429			33	393
13			36	433			36	397
14			39	437			39	401
15			42	441			42	405
16			45	444			45	408
17			48	447			48	411
18			51	449			51	414
19			54	451			54	417
20			57	453			57	419
21			60	455			60	421
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Inside Recorder



Outside Recorder

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 11/22/84 TICKET #6751
CUSTOMER: NATIONAL PETRO. RESERVES INC. LEASE: STRATMANN "A"
WELL: #1 TEST: 2 GEOLOGIST: CRENSHAW
ELEVATION (KB): 1797 FORMATION: ARBUCKLE
SECTION: 12 TOWNSHIP: 17S
RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

INTERVAL TEST FROM: 3251 FT TO: 3262 FT TOTAL DEPTH: 3262 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3246 FT SIZE: 6 5/8 IN PACKER DEPTH: 3251 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: DUKE
MUD TYPE: STARCH VISCOSITY: 53
WEIGHT: 10+ WATER LOSS (CC): ?
CHLORIDES (P.P.M.): 68000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: FT I.D.: IN
WEIGHT PIPE LENGTH: 941 FT I.D.: 2.7 IN
DRILL PIPE LENGTH: 2289 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 11 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 FAIR 1" BLOW
BUILDING TO 3" IN BUCKET. FINAL FLOW
PERIOD VERY WEAK 1/8" BLOW BUILDING
TO 1/2" IN BUCKET.

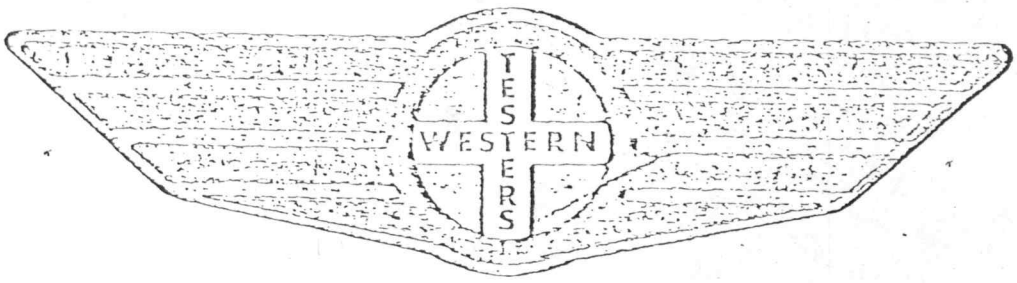
RECOVERED: 60 FT OF: HEAVY OIL & GAS CUT MUD.
RECOVERED: FT OF: 50% OIL; 20% GAS; 15% WTR; 15% MUD.
RECOVERED: 60 FT OF: O & G C M; 30% OIL; 30% GAS; 20% WTR; 20% MUD.
RECOVERED: 60 FT OF: O & G C MW; 20% OIL; 30% GAS; 40% WTR; 10% MUD.
RECOVERED: 60 FT OF: O C MW; 10% OIL; TRACE GAS; 80% WTR; 10% MUD.
RECOVERED: 60 FT OF: S O & G C MW; 4% OIL; 10% GAS; 80% WTR; 6% MUD.
RECOVERED: 60 FT OF: GAS ABOVE FLUID.
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 3:00 A.M. TIME STARTED OFF BOTTOM: 5:00 A.M.
WELL TEMPERATURE: 112 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 1851	PSI
INITIAL FLOW PERIOD	MIN: 30	(B) 62	PSI TO (C) 103 PSI
INITIAL CLOSED IN PERIOD	MIN: 27	(D) 558	PSI
FINAL FLOW PERIOD	MIN: 30	(E) 134	PSI TO (F) 152 PSI
FINAL CLOSED IN PERIOD	MIN: 30	(G) 564	PSI
FINAL HYDROSTATIC PRESSURE		(H) 1806	PSI

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

Company [illegible] PETROLEUM RESERVES, INC. Lease and Well No. #1 "A" STRATMANN Sec. 12 Twp. 17S Rge. 10W Test No. 2 Date 1/22/8

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 11/22/84 TICKET #6751
CUSTOMER: NATIONAL PETRO. RESERVES INC. LEASE: STRATMANN "A"
WELL: #1 TEST: 2 GEOLOGIST: CRENSHAW
ELEVATION (KB): 1797 FORMATION: ARBUCKLE
SECTION: 12 TOWNSHIP: 17S
RANGE: 10W COUNTY: ELLSWORTH STATE: KANSAS
GAUGE SN #10980 RANGE: 4200 CLOCK: 12

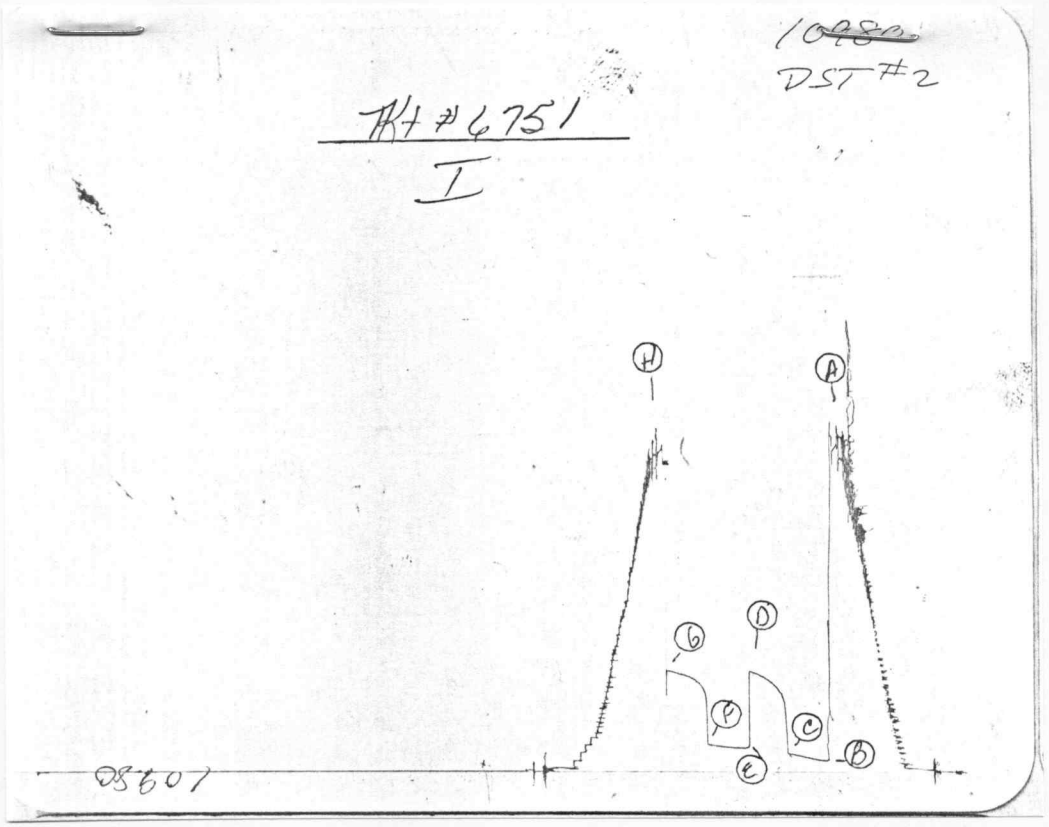
(A) INITIAL HYDROSTATIC PRESSURE:	1851	PSI
(B) FIRST INITIAL FLOW PRESSURE:	62	PSI
(C) FIRST FINAL FLOW PRESSURE:	103	PSI
(D) INITIAL CLOSED-IN PRESSURE:	558	PSI
(E) SECOND INITIAL FLOW PRESSURE:	134	PSI
(F) SECOND FINAL FLOW PRESSURE:	152	PSI
(G) FINAL CLOSED-IN PRESSURE:	564	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1806	PSI
WELL TEMPERATURE:	112	'F

OPEN TOOL: 3:00 A.M.

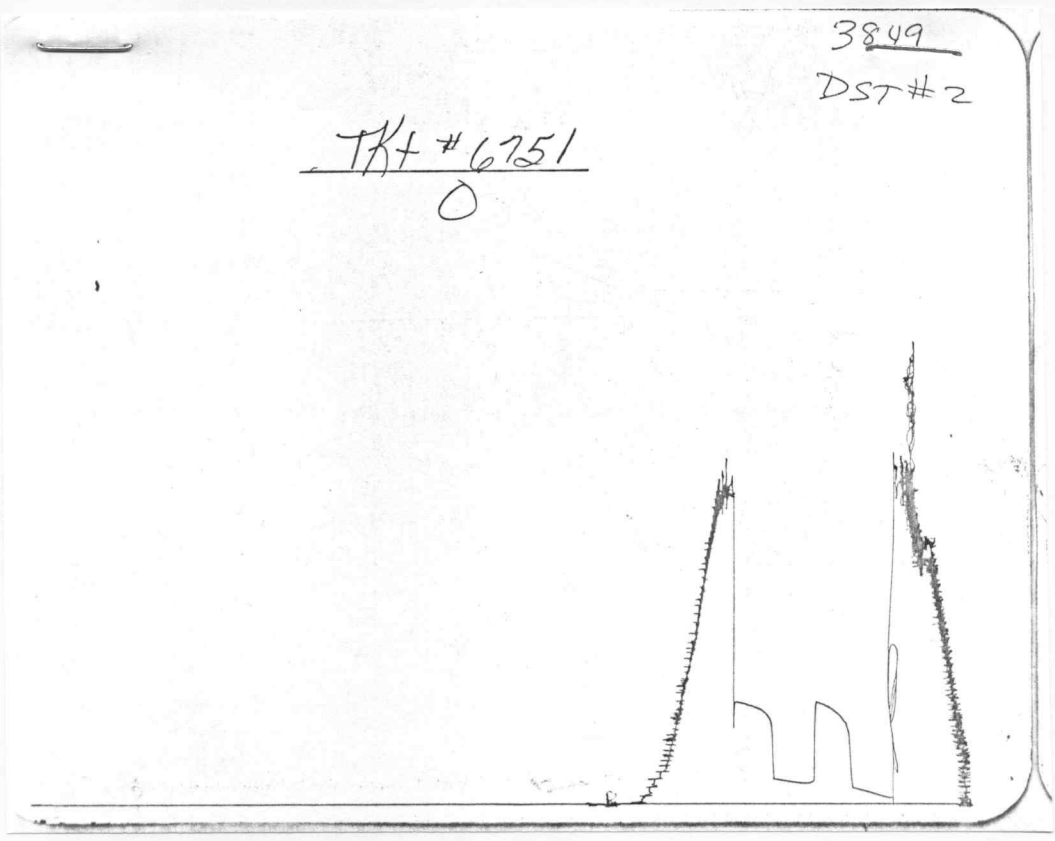
	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	27 MIN
SECOND FLOW PRESSURE:	30 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	30 MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	62	0	103	0	134	0	152
2	5	62	3	391	5	134	3	455
3	10	69	6	446	10	134	6	490
4	15	76	9	479	15	137	9	512
5	20	86	12	500	20	143	12	525
6	25	94	15	516	25	148	15	534
7	30	103	18	529	30	152	18	540
8			21	540			21	546
9			24	549			24	552
10			27	558			27	558
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Inside Recorder



Outside Recorder