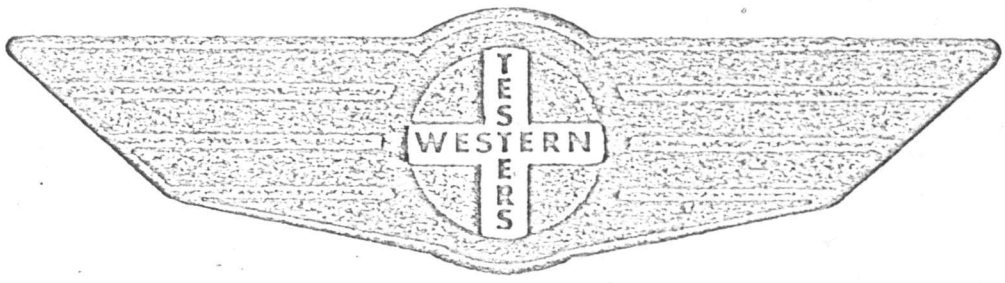
Company RAZOOK OIL COMPANY Lease & Well No. #5 BANNION Sec. 3 Twp. 28S Rge. 4E Test No. 1 Date 7-4-85

FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

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

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7-4-85 TICKET #8248
CUSTOMER: RAZOOK OIL COMPANY LEASE: BANNON
WELL: 5 TEST: 1 GEOLOGIST: F. MORGAN
ELEVATION (KB): 1269 FORMATION: SIMPSON
SECTION: 3 TOWNSHIP: 28S
RANGE: 4E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #2608 RANGE: 4175 CLOCK: 12

INTERVAL TEST FROM: 2594 FT TO: 2604 FT TOTAL DEPTH: 2604 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2594 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MCALLISTER DRLG. #10
MUD TYPE: CHEMICAL VISCOSITY: 38
WEIGHT: 9.4 WATER LOSS (CC): 15
CHLORIDES (P.P.M.): 1500
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH:	360	FT	I.D.: 2.25	IN	
WEIGHT PIPE LENGTH:		FT	I.D.:	IN	
DRILL PIPE LENGTH:	2219	FT	I.D.: 3.8	IN	
TEST TOOL LENGTH:	15	FT	TOOL SIZE: 5 1/2 OD	IN	
ANCHOR LENGTH:	10	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 XH	IN	

BLOW: INITIAL FLOW PERIOD VERY WEAK BLOW;
DIED IN 6 MINUTES.
FINAL FLOW PERIOD VERY WEAK BLOW; DIED IN
5 MINUTES; FLUSHED TOOL; GOOD SURGE; NO BLOW.

RECOVERED:	20	FT	OF: MUD WITH FEW OIL SPOTS 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 OUTSIDE CHART #2608.

TIME SET PACKER(S): 5:40 TIME STARTED OFF BOTTOM: 7:00
WELL TEMPERATURE: 105 'F

INITIAL HYDROSTATIC PRESSURE:		(A) 1300	PSI	
INITIAL FLOW PERIOD	MIN: 30	(B) 4	PSI TO (C) 11	PSI
INITIAL CLOSED IN PERIOD	MIN: 33	(D) 794	PSI	
FINAL FLOW PERIOD	MIN: 30	(E) 37	PSI TO (F) 28	PSI
FINAL CLOSED IN PERIOD	MIN: 0	(G) 0	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1261	PSI	

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 7-4-85 TICKET #8248
CUSTOMER: RAZOOK OIL COMPANY LEASE: BANNON
WELL: 5 TEST: 1 GEOLOGIST: F. MORGAN
ELEVATION (KB): 1269 FORMATION: SIMPSON
SECTION: 3 TOWNSHIP: 28S
RANGE: 4E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #2608 RANGE: 4175 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1300	PSI
(B) FIRST INITIAL FLOW PRESSURE:	4	PSI
(C) FIRST FINAL FLOW PRESSURE:	11	PSI
(D) INITIAL CLOSED-IN PRESSURE:	794	PSI
(E) SECOND INITIAL FLOW PRESSURE:	37	PSI
(F) SECOND FINAL FLOW PRESSURE:	28	PSI
(G) FINAL CLOSED-IN PRESSURE:	0	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1261	PSI
WELL TEMPERATURE:	105	'F

OPEN TOOL: 5:40

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	33 MIN
SECOND FLOW PRESSURE:	20 MIN	30 MIN
FINAL CLOSED-IN PRESSURE:	MIN	0 MIN

PRESSURE BREAKDOWN

	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
PT	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	4	0	11	0	37	0	0
2	5	5	3	29	5	37		
3	10	6	6	158	10	39		
4	15	7	9	378	15	32		
5	20	8	12	537	20	29		
6	25	9	15	624	25	28		
7	30	11	18	676	30	28		
8			21	714				
9			24	744				
10			27	766				
11			30	783				
12			33	794				
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TKT #8248

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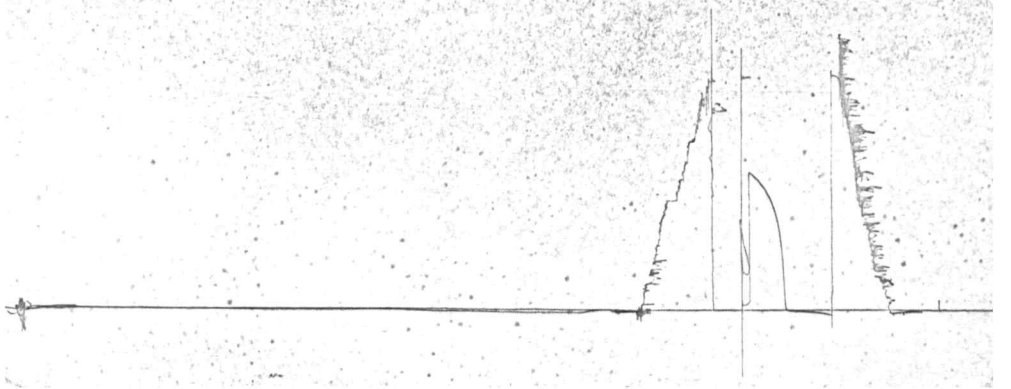
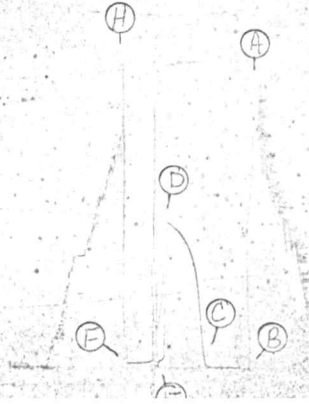


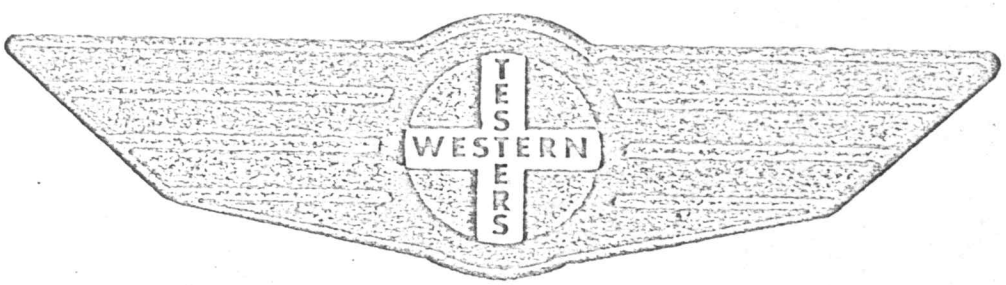
TKT #8248

2608
DST #1



Company RAZOOK OIL COMPANY Lease & Well No. #5 BANNION Sec. 3 Twp. 28S Rge. 4E Test No. 2 Date 7-5-85

FORMATION TEST REPORT



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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 7-5-85 TICKET #8249
CUSTOMER: RAZOOK OIL COMPANY LEASE: BANNON
WELL: 5 TEST: 2 GEOLOGIST: F. MORGAN
ELEVATION (KB): 1269 FORMATION: ARBUCKLE
SECTION: 3 TOWNSHIP: 28S
RANGE: 4E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

INTERVAL TEST FROM: 2621 FT TO: 2629 FT TOTAL DEPTH: 2629 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2621 FT SIZE: 6 3/4 IN PACKER DEPTH: FT SIZE: IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: MCALLISTER DRLG. #10
MUD TYPE: CHEMICAL VISCOSITY: 38
WEIGHT: 9.4 WATER LOSS (CC): 15
CHLORIDES (P.P.M.): 1500
JARS - MAKE: NO SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 360 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2246 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 15 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 8 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 XH IN

BLOW: WEAK BLOW THROUGHOUT TEST.

RECOVERED: 70 FT OF: FREE OIL.
RECOVERED: 30 FT OF: MUDDY OIL (70% OIL).
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): TIME STARTED OFF BOTTOM:
WELL TEMPERATURE: 106 'F
INITIAL HYDROSTATIC PRESSURE: (A) 1259 PSI
INITIAL FLOW PERIOD MIN: 40 (B) 6 PSI TO (C) 16 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 737 PSI
FINAL FLOW PERIOD MIN: 35 (E) 42 PSI TO (F) 42 PSI
FINAL CLOSED IN PERIOD MIN: 33 (G) 732 PSI
FINAL HYDROSTATIC PRESSURE (H) 1259 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 7-5-85 TICKET #8249
CUSTOMER: RAZOOK OIL COMPANY LEASE: BANNON
WELL: 5 TEST: 2 GEOLOGIST: F. MORGAN
ELEVATION (KB): 1269 FORMATION: ARBUCKLE
SECTION: 3 TOWNSHIP: 28S
RANGE: 4E COUNTY: BUTLER STATE: KANSAS
GAUGE SN #2605 RANGE: 4150 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1259	PSI
(B) FIRST INITIAL FLOW PRESSURE:	6	PSI
(C) FIRST FINAL FLOW PRESSURE:	16	PSI
(D) INITIAL CLOSED-IN PRESSURE:	737	PSI
(E) SECOND INITIAL FLOW PRESSURE:	42	PSI
(F) SECOND FINAL FLOW PRESSURE:	42	PSI
(G) FINAL CLOSED-IN PRESSURE:	732	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1259	PSI
WELL TEMPERATURE:	106	'F

OPEN TOOL:

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	40 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	30 MIN
SECOND FLOW PRESSURE:	30 MIN	35 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	6	0	16	0	42	0	42
2	5	6	3	37	5	42	3	56
3	10	6	6	75	10	42	6	100
4	15	6	9	324	15	42	9	275
5	20	7	12	531	20	42	12	464
6	25	7	15	599	25	42	15	554
7	30	7	18	649	30	42	18	612
8	35	11	21	680	35	42	21	647
9	40	16	24	704			24	675
10			27	726			27	699
11			30	737			30	719
12							33	732
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TKT #8249

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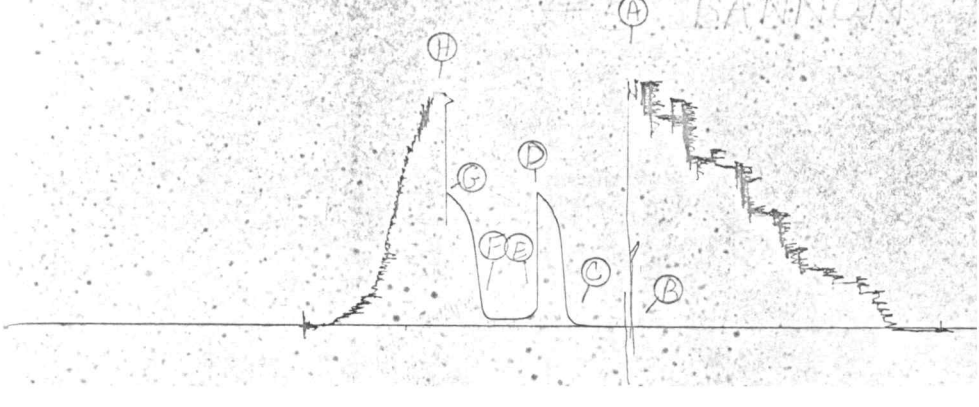
DST #2



2608
DST #2

IKT #8249

