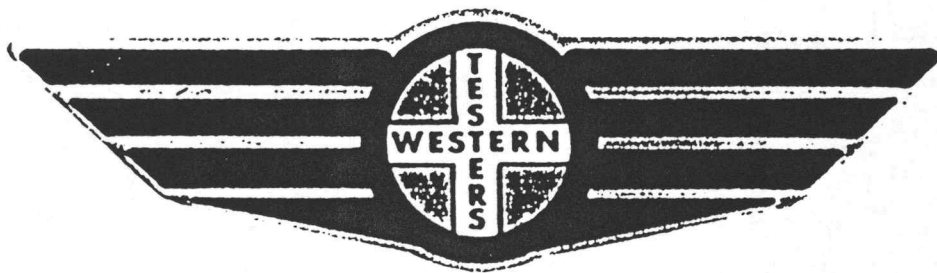


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC. LEASE & WELL NO. COBERLY "D" #1-19 SEC. 19 TWP. 15S RGE. 28W TEST NO. 1 DATE 9/19/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 9-19-88 TICKET : 14490
CUSTOMER : LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC. LEASE : COBERLY "D"
WELL : #1-19 TEST: 1 GEOLOGIST : R PATTON
ELEVATION : NA FORMATION : KANSAS CITY
SECTION : 19 TOWNSHIP : 15S
RANGE : 28W COUNTY : GOVE STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 3718 TO : 3740 TOTAL DEPTH : 3740

DEPTH OF SELECTIVE ZONE :

PACKER DEPTH : 3713 SIZE : 6.63

PACKER DEPTH : 3718 SIZE : 6.63

PACKER DEPTH : SIZE :

PACKER DEPTH : SIZE :

DRILLING CON. : L. D. DAVIS RIG 1

MUD TYPE : CHEMICAL VISCOSITY : 44

WEIGHT : 9.4 WATER LOSS (CC) : 10.6

CHLORIDES (PPM) : NA

JARS-MAKE : - SERIAL NUMBER : -

DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00

WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00

DRILL PIPE LENGTH : 3696 FT I.D. inch : 3.80

TEST TOOL LENGTH : 22 FT TOOL SIZE : 5.50

ANCHOR LENGTH : 22 FT ANCHOR SIZE : 5.50

SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75

MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-VERY WEAK BLOW DIED IN 20 MINUTES.

BLOW COMMENT #2 : FINAL FLOW-NO BLOW.

BLOW COMMENT #3 :

BLOW COMMENT #4 :

RECOVERED : 5 FT OF: SLIGHTLY OIL CUT MUD
1% OIL-99% MUD

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.68 BFPD
Indicated Oil Rate = 0.02 BOPD
Indicated Wtr Rate = 0.17 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:25 AM

TIME STARTED OFF BOTTOM : 5:25 AM

WELL TEMPERATURE : 114

INITIAL HYDROSTATIC PRESSURE

(A) 1973

INITIAL FLOW PERIOD MIN: 30

(B) 17 PSI TO (C) : 17

INITIAL CLOSED IN PERIOD MIN: 30

(D) 283

FINAL FLOW PERIOD MIN: 30

(E) 30 PSI TO (F) : 30

FINAL CLOSED IN PERIOD MIN: 30

(G) 99

FINAL HYDROSTATIC PRESSURE

(H) 1973

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC.

RIG : GOVE-KANSAS

FIELD : COBERLY "D"

WELL : #1-19

DATE : 9-19-88

GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC.

WELL : #1-19
GAUGE # : 10270
DATE : 19/ 9/88

FIELD : COBERLY "D"
JOB # : 14490
DEPTH : 3740
TEST :

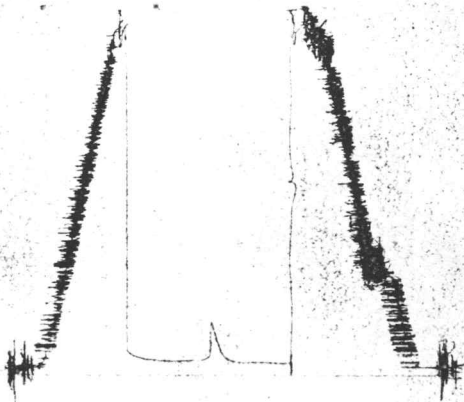
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	3:25: 0	0.000	17.000	114.00	0.000
3	3:29:59	0.083	17.000	114.00	0.000
4	3:35: 0	0.167	17.000	114.00	0.000
5	3:40: 0	0.250	17.000	114.00	0.000
6	3:44:59	0.333	17.000	114.00	0.000
7	3:50: 0	0.417	17.000	114.00	0.000
8	3:55: 0	0.500	17.000	114.00	0.000
INITIAL SHUT-IN					
9	3:58: 0	0.550	17.000	114.00	0.000
10	4: 1: 0	0.600	18.000	114.00	1.000
11	4: 4: 0	0.650	22.000	114.00	4.000
12	4: 7: 0	0.700	30.000	114.00	8.000
13	4:10: 0	0.750	46.000	114.00	16.000
14	4:13: 0	0.800	70.000	114.00	24.000
15	4:16: 0	0.850	107.000	114.00	37.000
16	4:19: 0	0.900	173.000	114.00	66.000
17	4:22: 0	0.950	245.000	114.00	72.000
18	4:25: 0	1.000	283.000	114.00	38.000
FINAL FLOW					
19	4:26: 0	1.017	30.000	114.00	-253.000
20	4:29:59	1.083	30.000	114.00	0.000
21	4:35: 0	1.167	30.000	114.00	0.000
22	4:40: 0	1.250	30.000	114.00	0.000
23	4:44:59	1.333	30.000	114.00	0.000
24	4:50: 0	1.417	30.000	114.00	0.000
25	4:55: 0	1.500	30.000	114.00	0.000
FINAL SHUT-IN					
26	4:58: 0	1.550	30.000	114.00	0.000
27	5: 1: 0	1.600	31.000	114.00	1.000
28	5: 4: 0	1.650	33.000	114.00	2.000
29	5: 7: 0	1.700	37.000	114.00	4.000
30	5:10: 0	1.750	40.000	114.00	3.000
31	5:13: 0	1.800	49.000	114.00	9.000
32	5:16: 0	1.850	59.000	114.00	10.000
33	5:19: 0	1.900	72.000	114.00	13.000
34	5:22: 0	1.950	81.000	114.00	9.000
35	5:25: 0	2.000	99.000	114.00	18.000

WESTERN TESTING CO. INC.

RF 14490

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057#1



TKT 14490

I.

(H)

(A)

(D)

(G)

(F)

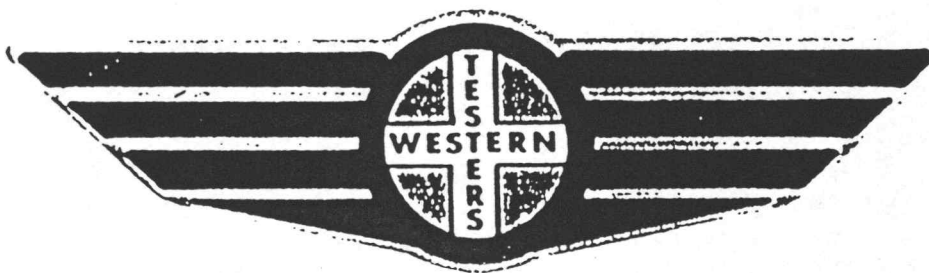
(E)

(C)

(B)

05771
10320

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC. LEASE & WELL NO. COBERLY "D" #1-19 SEC. 19 TWP. 15S RGE. 28W TEST NO. 2 DATE 9/20/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 9-20-88 TICKET : 14491
CUSTOMER : LANDMARK OIL EXPLORATION INC &
DAVIS PETROLEUM INC. LEASE : COBERLY "D"
WELL : #1-19 TEST: 2 GEOLOGIST : R PATTON
ELEVATION : NA FORMATION : LANSING
SECTION : 19 TOWNSHIP : 15S
RANGE : 28W COUNTY : GOVE STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 3898 TO : 3919 TOTAL DEPTH : 3919
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3893 SIZE : 6.63
PACKER DEPTH : 3898 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : L. D. DAVIS RIG 1
MUD TYPE : CHEMICAL VISCOSITY : 50
WEIGHT : 9.4 WATER LOSS (CC) : 10.8
CHLORIDES (PPM) : NA
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : YES

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3876 FT I.D. inch : 3.80
TEST TOOL LENGTH : 22 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 21 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-STRONG BLOW IN 1 MINUTE.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW IN 1 MINUTE.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 120 FT OF: OIL CUT WATERY MUD
15% OIL-25% WATER-60% MUD
RECOVERED : 180 FT OF: OIL CUT MUDDY WATER
5% OIL-25% MUD-70% WATER
RECOVERED : 60 FT OF: SLIGHTLY OIL CUT MUDDY WATER
2% OIL-3% MUD-95% WATER
RECOVERED : 1200 FT OF: WATER / WITH SHOW OF OIL THROUGHOUT

CHLORIDES: 52000 PPM

Total Barrels Fluid = 21.88
Total Fluid Prod Rate = 525.15 BFPD
Indicated Oil Rate = 15.55 BOPD
Indicated Wtr Rate = 460.85 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 4:30 AM

TIME STARTED OFF BOTTOM : 7:15 AM

WELL TEMPERATURE : 131

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

(A) 2139

INITIAL CLOSED IN PERIOD MIN: 45

(B) 180 PSI TO (C) : 577

FINAL FLOW PERIOD MIN: 30

(D) 883

FINAL CLOSED IN PERIOD MIN: 60

(E) 636 PSI TO (F) : 774

FINAL HYDROSTATIC PRESSURE

(G) 890

(H) 2117

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : LANDMARK OIL EXPLORATION INC &
DAVIS PETROLEUM INC.

RIG : GOVE-KANSAS

FIELD : COBERLY "D"

WELL : #1-19

DATE : 9-20-88

GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : LANDMARK OIL EXPLORATION INC &
DAVIS PETROLEUM INC.
WELL : #1-19
GAUGE # : 10270
DATE : 20/ 9/88

FIELD : COBERLY "D"
JOB # : 14491
DEPTH : 3919
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	4:30: 0	0.000	180.000	131.00	0.000
3	4:34:59	0.083	216.000	131.00	36.000
4	4:40: 0	0.167	310.000	131.00	94.000
5	4:45: 0	0.250	395.000	131.00	85.000
6	4:49:59	0.333	465.000	131.00	70.000
7	4:55: 0	0.417	527.000	131.00	62.000
8	5: 0: 0	0.500	577.000	131.00	50.000
INITIAL SHUT-IN					
9	5: 3: 0	0.550	826.000	131.00	249.000
10	5: 6: 0	0.600	844.000	131.00	18.000
11	5: 9: 0	0.650	855.000	131.00	11.000
12	5:12: 0	0.700	861.000	131.00	6.000
13	5:15: 0	0.750	867.000	131.00	6.000
14	5:18: 0	0.800	869.000	131.00	2.000
15	5:21: 0	0.850	872.000	131.00	3.000
16	5:24: 0	0.900	876.000	131.00	4.000
17	5:27: 0	0.950	878.000	131.00	2.000
18	5:30: 0	1.000	881.000	131.00	3.000
19	5:33: 0	1.050	883.000	131.00	2.000
20	5:36: 0	1.100	883.000	131.00	0.000
21	5:39: 0	1.150	883.000	131.00	0.000
22	5:42: 0	1.200	883.000	131.00	0.000
23	5:45: 0	1.250	883.000	131.00	0.000
FINAL FLOW					
24	5:46: 0	1.267	636.000	131.00	-247.000
25	5:49:59	1.333	646.000	131.00	10.000
26	5:55: 0	1.417	680.000	131.00	34.000
27	6: 0: 0	1.500	715.000	131.00	35.000
28	6: 4:59	1.583	742.000	131.00	27.000
29	6:10: 0	1.667	763.000	131.00	21.000
30	6:15: 0	1.750	774.000	131.00	11.000
FINAL SHUT-IN					
31	6:18: 0	1.800	861.000	131.00	87.000
32	6:21: 0	1.850	869.000	131.00	8.000
33	6:24: 0	1.900	875.000	131.00	6.000
34	6:27: 0	1.950	878.000	131.00	3.000
35	6:30: 0	2.000	881.000	131.00	3.000
36	6:33: 0	2.050	883.000	131.00	2.000
37	6:36: 0	2.100	884.000	131.00	1.000
38	6:39: 0	2.150	885.000	131.00	1.000
39	6:42: 0	2.200	886.000	131.00	1.000
40	6:45: 0	2.250	887.000	131.00	1.000
41	6:48: 0	2.300	888.000	131.00	1.000
42	6:51: 0	2.350	889.000	131.00	1.000
43	6:54: 0	2.400	890.000	131.00	1.000
44	6:57: 0	2.450	890.000	131.00	0.000
45	7: 0: 0	2.500	890.000	131.00	0.000
46	7: 3: 0	2.550	890.000	131.00	0.000
47	7: 6: 0	2.600	890.000	131.00	0.000
48	7: 9: 0	2.650	890.000	131.00	0.000

COMPANY : LANDMARK OIL EXPLORATION INC &
DAVIS PETROLEUM INC.

WELL : #1-19
GAUGE # : 10270
DATE : 20/ 9/88

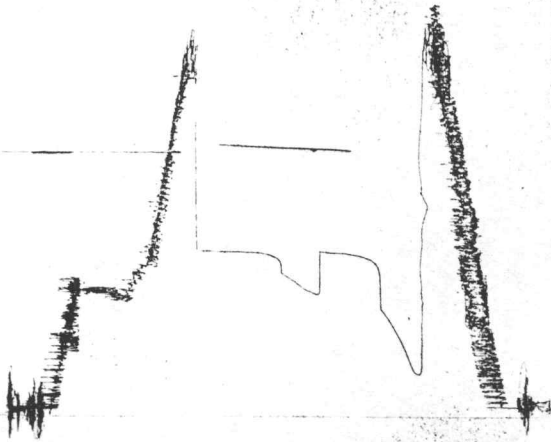
FIELD : COBERLY "D"
JOB # : 14491
DEPTH : 3919
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
49	7:12: 0	2.700	890.000	131.00	0.000
50	7:15: 0	2.750	890.000	131.00	0.000

WESTERN TESTING CO. INC.

FR 14491

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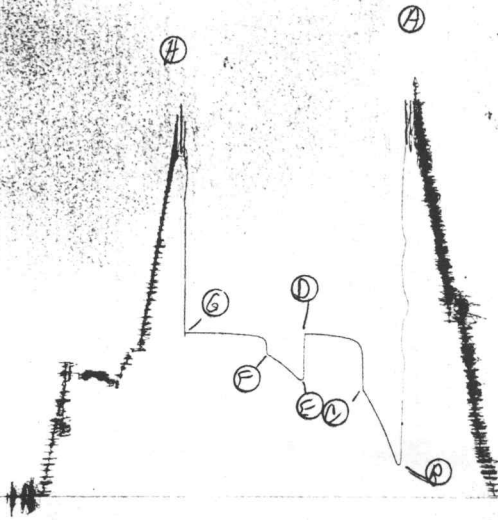
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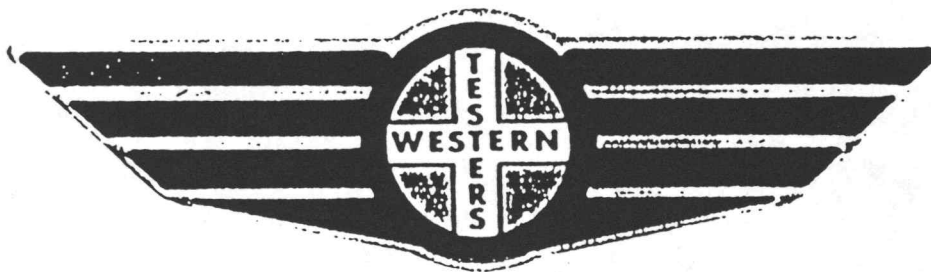
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10270



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC. LEASE & WELL NO. COBERLY "D" #1-19 SEC. 19 TWP. 15S RGE. 28W TEST NO. 3 DATE 9/20/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	9-20-88	TICKET	:	14492
CUSTOMER	:	LANDMARK OIL EXPLORATION INC & DAVIS PETROLEUM INC.	LEASE	:	COBERLY "D"
WELL	:	#1-19 TEST: 3	GEOLOGIST	:	R PATTON
ELEVATION	:	2489 KB	FORMATION	:	LANSING
SECTION	:	19	TOWNSHIP	:	15S
RANGE	:	28W	STATE	:	KANSAS
GAUGE SN#	:	10270	CLOCK	:	12
		COUNTY :	GOVE		
		RANGE :	4150		

INTERVAL FROM	:	3932	TO	:	3967	TOTAL DEPTH	:	3967
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3927	SIZE	:	6.63			
PACKER DEPTH	:	3932	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	L. D. DAVIS	RIG 1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	55
WEIGHT	:	9.5	WATER LOSS (CC)	:	12.8
CHLORIDES (PPM)	:	NA			
JARS-MAKE	:	-	SERIAL NUMBER	:	-
DID WELL FLOW ?	:	-	REVERSED OUT ?	:	-

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3910	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	35	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-VERY WEAK BLOW THROUGHOUT.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: MUD / WITH SLIGHT SHOW OF OIL TOP OF TOOL

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.68 BFPD
Indicated Wtr Rate = 0.17 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:20 PM

TIME STARTED OFF BOTTOM : 9:20 PM

WELL TEMPERATURE : 120

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 27

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 30

FINAL HYDROSTATIC PRESSURE

(A) 2010

(B) 27 PSI TO (C) : 27

(D) 33

(E) 25 PSI TO (F) : 25

(G) 29

(H) 1995

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : LANDMARK OIL EXPLORATION INC &
DAVIS PETROLEUM INC.

RIG : GOVE-KANSAS

FIELD : COBERLY "D"

WELL : #1-19

DATE : 9-20-88

GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : LANDMARK OIL EXPLORATION INC &
DAVIS PETROLEUM INC.

FIELD : COBERLY "D"

WELL : #1-19

JOB # : 14492

GAUGE # : 10270

DEPTH : 3967

DATE : 20/ 9/88

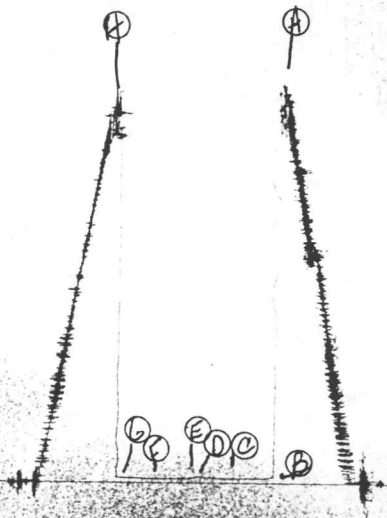
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	7:20: 0	0.000	27.000	120.00	0.000
3	7:24:59	0.083	27.000	120.00	0.000
4	7:30: 0	0.167	27.000	120.00	0.000
5	7:35: 0	0.250	27.000	120.00	0.000
6	7:39:59	0.333	27.000	120.00	0.000
7	7:45: 0	0.417	27.000	120.00	0.000
8	7:50: 0	0.500	27.000	120.00	0.000
INITIAL SHUT-IN					
9	7:53: 0	0.550	27.000	120.00	0.000
10	7:56: 0	0.600	27.000	120.00	0.000
11	7:59: 0	0.650	27.000	120.00	0.000
12	8: 2: 0	0.700	27.000	120.00	0.000
13	8: 5: 0	0.750	28.000	120.00	1.000
14	8: 8: 0	0.800	29.000	120.00	1.000
15	8:11: 0	0.850	30.000	120.00	1.000
16	8:14: 0	0.900	31.000	120.00	1.000
17	8:17: 0	0.950	33.000	120.00	2.000
FINAL FLOW					
18	8:18: 0	0.967	25.000	120.00	-8.000
19	8:21:59	1.033	25.000	120.00	0.000
20	8:27: 0	1.117	25.000	120.00	0.000
21	8:32: 0	1.200	25.000	120.00	0.000
22	8:36:59	1.283	25.000	120.00	0.000
23	8:42: 0	1.367	25.000	120.00	0.000
24	8:47: 0	1.450	25.000	120.00	0.000
FINAL SHUT-IN					
25	8:50: 0	1.500	25.000	120.00	0.000
26	8:53: 0	1.550	26.000	120.00	1.000
27	8:56: 0	1.600	26.000	120.00	0.000
28	8:59: 0	1.650	27.000	120.00	1.000
29	9: 2: 0	1.700	27.000	120.00	0.000
30	9: 5: 0	1.750	28.000	120.00	1.000
31	9: 8: 0	1.800	28.000	120.00	0.000
32	9:11: 0	1.850	29.000	120.00	1.000
33	9:14: 0	1.900	29.000	120.00	0.000
34	9:17: 0	1.950	29.000	120.00	0.000

WESTERN TESTING CO. INC.

TKT # 14492

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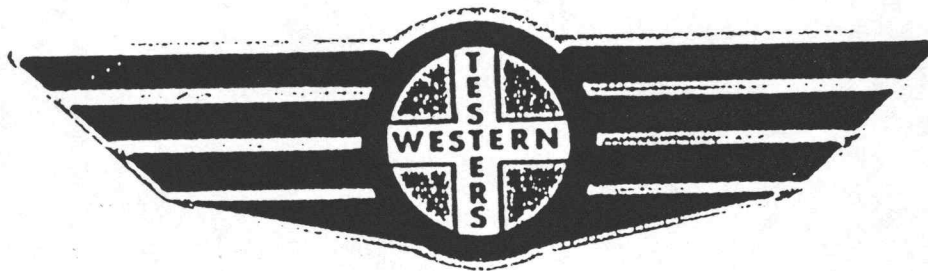
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TKT # 14492

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC. LEASE & WELL NO. COBERLY "D" #1-19 SEC. 19 TWP. 15S RGE. 28W TEST NO. 4 DATE 9/22/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 9-22-88
CUSTOMER : LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC.
WELL : #1-19 TEST: 4
ELEVATION : 2489 KB
SECTION : 19
RANGE : 28W COUNTY : GOVE
GAUGE SN# : 10270 RANGE : 4150
TICKET : 14493
LEASE : COBERLY "D"
GEOLOGIST : R PATTON
FORMATION : LANSING
TOWNSHIP : 15S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3899 TO : 3910 TOTAL DEPTH : 4350
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3894 SIZE : 6.63
PACKER DEPTH : 3899 SIZE : 6.63
PACKER DEPTH : 3910 SIZE : 6.63
PACKER DEPTH : SIZE :

DRILLING CON. : L.D. DAVIS RIG 1
MUD TYPE : CHEMICAL VISCOSITY : 58
WEIGHT : 9.4 WATER LOSS (CC) : 9.5
CHLORIDES (PPM) : NA
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3870 FT I.D. inch : 3.80
TEST TOOL LENGTH : 29 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 11 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW BUILDING TO STRONG IN 2 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-FAIR BLOW BUILDING TO STRONG IN 3 MINUTES.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: MUDDY WATER CUT OIL
10% MUD-25% WATER-65% OIL
RECOVERED : 90 FT OF: OIL & GAS CUT WATERY MUD
13% OIL-5% GAS-37% WTR-45% MUD
RECOVERED : 60 FT OF: OIL CUT WATER
5% OIL-95% WATER
RECOVERED : 1080 FT OF: WATER/ SLT SHOW OF OIL THROUGHOUT

CHLORIDES: 48000 PPM

Total Barrels Fluid = 17.39
Total Fluid Prod Rate = 417.42 BFPD
Indicated Oil Rate = 12.46 BOPD
Indicated Wtr Rate = 390.49 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 210 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 4:00 PM

TIME STARTED OFF BOTTOM : 6:45 PM

WELL TEMPERATURE : 130

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 42

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 57

FINAL HYDROSTATIC PRESSURE

(A) 2014

(B) 78 PSI TO (C) : 387

(D) 879

(E) 435 PSI TO (F) : 626

(G) 884

(H) 1939

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : LANDMARK OIL EXPLORATION INC. &
DAVIS PETROLEUM INC.
RIG : GOVE-KANSAS
FIELD : COBERLY "D"
WELL : #1-19
DATE : 9-22-88
GAUGE NO : 10270

OPERATIONAL COMMENTS

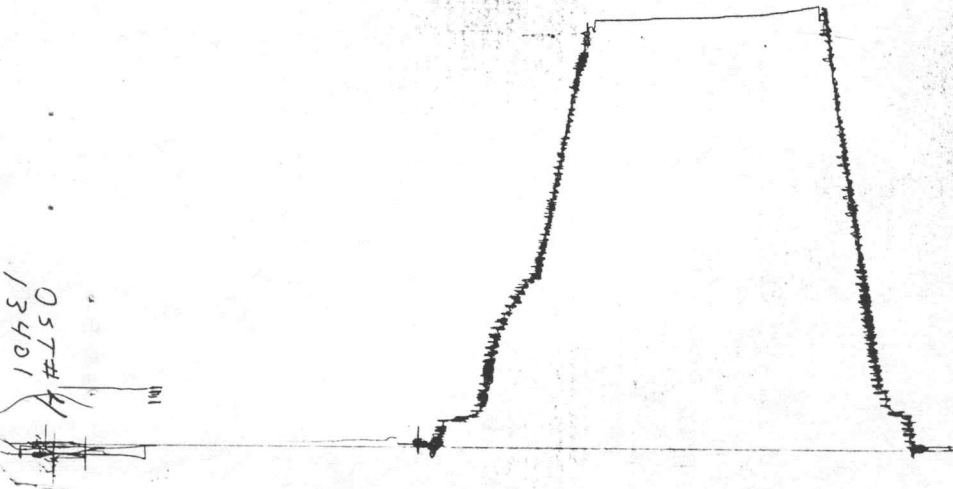
RECOVERED 210 FEET OF GAS ABOVE FLUID.

COMPANY : LANDMARK OIL EXPLORATION INC. &
 DAVIS PETROLEUM INC.
 WELL : #1-19
 GAUGE # : 10270
 DATE : 22/ 9/88

FIELD : COBERLY "D"
 JOB # : 14493
 DEPTH : 4350
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	4: 0: 0	0.000	78.000	130.00	0.000
3	4: 4:59	0.083	104.000	130.00	26.000
4	4:10: 0	0.167	168.000	130.00	64.000
5	4:15: 0	0.250	235.000	130.00	67.000
6	4:19:59	0.333	291.000	130.00	56.000
7	4:25: 0	0.417	350.000	130.00	59.000
8	4:30: 0	0.500	387.000	130.00	37.000
INITIAL SHUT-IN					
9	4:33: 0	0.550	809.000	130.00	422.000
10	4:36: 0	0.600	842.000	130.00	33.000
11	4:39: 0	0.650	854.000	130.00	12.000
12	4:42: 0	0.700	860.000	130.00	6.000
13	4:45: 0	0.750	865.000	130.00	5.000
14	4:48: 0	0.800	869.000	130.00	4.000
15	4:51: 0	0.850	871.000	130.00	2.000
16	4:54: 0	0.900	873.000	130.00	2.000
17	4:57: 0	0.950	875.000	130.00	2.000
18	5: 0: 0	1.000	876.000	130.00	1.000
19	5: 2:59	1.050	877.000	130.00	1.000
20	5: 6: 0	1.100	878.000	130.00	1.000
21	5: 9: 0	1.150	879.000	130.00	1.000
22	5:12: 0	1.200	879.000	130.00	0.000
FINAL FLOW					
23	5:13: 0	1.217	435.000	130.00	-444.000
24	5:16:59	1.283	447.000	130.00	12.000
25	5:22: 0	1.367	489.000	130.00	42.000
26	5:27: 0	1.450	526.000	130.00	37.000
27	5:31:59	1.533	562.000	130.00	36.000
28	5:37: 0	1.617	595.000	130.00	33.000
29	5:42: 0	1.700	626.000	130.00	31.000
FINAL SHUT-IN					
30	5:45: 0	1.750	844.000	130.00	218.000
31	5:48: 0	1.800	856.000	130.00	12.000
32	5:51: 0	1.850	863.000	130.00	7.000
33	5:54: 0	1.900	866.000	130.00	3.000
34	5:57: 0	1.950	868.000	130.00	2.000
35	6: 0: 0	2.000	870.000	130.00	2.000
36	6: 3: 0	2.050	872.000	130.00	2.000
37	6: 6: 0	2.100	874.000	130.00	2.000
38	6: 9: 0	2.150	876.000	130.00	2.000
39	6:12: 0	2.200	877.000	130.00	1.000
40	6:15: 0	2.250	878.000	130.00	1.000
41	6:18: 0	2.300	879.000	130.00	1.000
42	6:21: 0	2.350	880.000	130.00	1.000
43	6:24: 0	2.400	881.000	130.00	1.000
44	6:27: 0	2.450	882.000	130.00	1.000
45	6:30: 0	2.500	883.000	130.00	1.000
46	6:33: 0	2.550	884.000	130.00	1.000
47	6:36: 0	2.600	884.000	130.00	0.000
48	6:39: 0	2.650	884.000	130.00	0.000

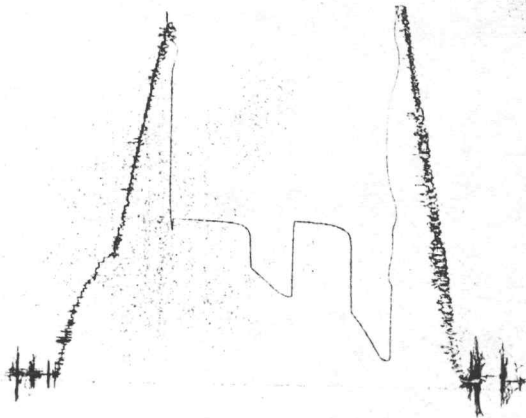
TKT # 14493
Below Straddle



TKT # 14493

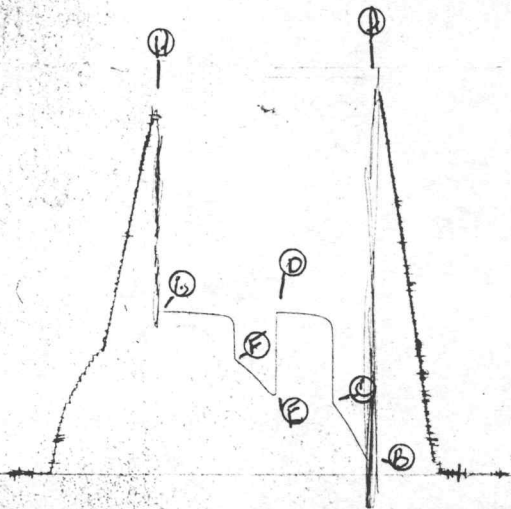
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057 #4
13268



TKT #14493

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OST #4
10226