

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 007-22,391-0000 ORIGINAL

County Barber  
   NW    SW    SW Sec. 24 Twp. 34 Rge. 14 X E W

Operator: License # 30604

1220 Feet from SN (circle one) Line of Section

Name Raydon Exploration, Inc.

510 Feet from EN (circle one) Line of Section

Address P. O. Box 1834

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

City/State/Zip Liberal KS 67905

Lease Name Blunk Well # 1-24

Purchaser: WOPL

Field Name Wildcat

Operator Contact Person: Keith Hix

Producing Formation Mississippi

Phone (316) 624-0150

Elevation: Ground 1560 KB 1572

Contractor: Name: Eagle Drilling

Total Depth 5050 PBDT 4999

License: 5380

Amount of Surface Pipe Set and Cemented at 435 Feet

Wellsite Geologist: T. M. Williams

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
 New Well  Re-Entry  Workover

If yes, show depth set \_\_\_\_\_ Feet

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan NR  
(Data must be collected from the Reserve Pit)

Operator: \_\_\_\_\_

Chloride content 8000 ppm Fluid volume 12,000 bbls

Well Name: \_\_\_\_\_

Dewatering method used Evaporation

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

1-04-92 1-13-92 2-12-92

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

Spud Date Date Reached TD Completion Date

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]

Title Agent Date 5-29-92

Subscribed and sworn to before me this 29th day of May, 19 92.

Notary Public Pamela Schartz

Date Commission Expires \_\_\_\_\_

NOTARY PUBLIC, State of Kansas  
PAMELA SCHARTZ  
My Appt. Exp. 3-26-96

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Operator Name Raydon Exploration, Inc. Lease Name Blunk Well # 1-24  
 Sec. 24 Twp. 34S Rge. 14  East  West  
 County Barber

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lecompton	3645	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elgin Sd	3708	
List All E.Logs Run:		Oread Im	3876	
Compensated Neutron Density		Heebner Sh	3910	
Dual Induction Focused Log		Lansing/K.C.	4082	
Gama Ray Caliper Log		Swope Ls	4513	
		Hertha Ls	4541	
		Mississippian	4692	
		Kinderhook Sh	4992	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24#	435	Class A	325	2% Gel 3% CC
Production	7-7/8	4-1/2	10.5#	5049	Class H	150	6% A-10 1% Gel 10% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	4681-4704	4706-4736	Acidized - 3900 gal 10% HCL	
			Fraced w/56,000 gal Spectra Frac C-3000 15,000# - 100 Mesh sand 120,000# 12/20 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8	4674	4675		
Date of First, Resumed Production, SWD or Inj.			Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
WOPL						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	3	390	30	130 MCF/bbl	26	

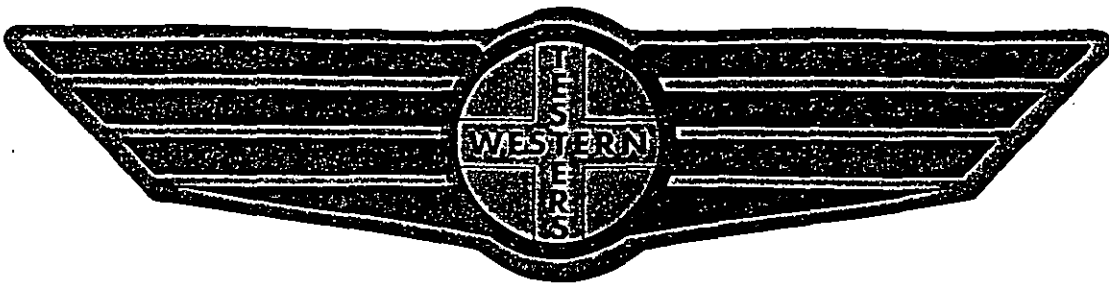
Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	4689-4704
	<input type="checkbox"/> Other (Specify)	4706-4736

CONSERVATION DIVISION  
Wichita, Kansas  
JUN 1 1992  
RECEIVED  
STATE CORPORATION COMMISSION

ORIGINAL

# FORMATION TEST REPORT

COMPANY RAYDON EXPLORATION, INC. LEASE & WELL NO. BLUNK #1-24 SEC. 24 TWP. 34S RGE. 14W TEST NO. 1 DATE 1/7/92



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 1-7-92 TICKET : 17596  
CUSTOMER : RAYDON EXPLORATION INC. LEASE : BLUNK  
WELL : 1-24 TEST: 1 GEOLOGIST : WILLIAMS  
ELEVATION : 1571 KB FORMATION : ELGIN SAND  
SECTION : 24 TOWNSHIP : 34S  
RANGE : 14W COUNTY : BARBER STATE : KANSAS  
GAUGE SN# : 1051 RANGE : 4250 CLOCK : 12

INTERVAL FROM : 3682 TO : 3718 TOTAL DEPTH : 3718  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3677 SIZE : 6.63  
PACKER DEPTH : 3682 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : EAGLE DRILLING COMPANY  
MUD TYPE : CHEMICAL VISCOSITY : 43  
WEIGHT : 8.8 WATER LOSS (CC) : 11.0  
CHLORIDES (PPM) : 4000  
JARS-MAKE : W.T.C. SERIAL NUMBER : 404  
DID WELL FLOW ? : NO REVERSED OUT ? : YES

DRILL COLLAR LENGTH : 553 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 3101 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 36 FT ANCHOR SIZE : 5.50  
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75  
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.  
BLOW COMMENT #2 : FINAL FLOW PERIOD STRONG BLOW - NO GAS TO SURFACE.  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

ORIGINAL

RECOVERED : 180 FT OF: MUD  
RECOVERED : 2720 FT OF: WATER  
RECOVERED : 0 FT OF: CHLORIDES 98000 P.P.M.

Total Barrels Fluid = 35.64  
Total Fluid Prod Rate = 570.23 BFPD  
Indicated Wtr Rate = 538.37 BWPD

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

SET PACKER(S) : 7:30 P.M.

TIME STARTED OFF BOTTOM : 12:00 A.M.

WELL TEMPERATURE : 118

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

(A) 1745

INITIAL CLOSED IN PERIOD MIN: 60

(B) 612 PSI TO (C) : 1010

FINAL FLOW PERIOD MIN: 60

(D) 1498

FINAL CLOSED IN PERIOD MIN: 120

(E) 1144 PSI TO (F) : 1429

FINAL HYDROSTATIC PRESSURE

(G) 1505

(H) 1722

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
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COMPANY : RAYDON EXPLORATION INC.  
RIG : BARBER-KANSAS  
FIELD : BLUNK  
WELL : 1-24  
DATE : 1-7-92  
GAUGE NO : 1051

OPERATIONAL COMMENTS

COMPANY : RAYDON EXPLORATION INC.  
 WELL : 1-24  
 GAUGE # : 1051  
 DATE : 7/ 1/92

FIELD : BLUNK  
 JOB # : 17596  
 DEPTH : 3718  
 TEST :

ORIGINAL

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	7:30: 0	0.000	612.000	118.00	0.000
3	7:34:59	0.083	612.000	118.00	0.000
4	7:40: 0	0.167	672.000	118.00	60.000
5	7:45: 0	0.250	750.000	118.00	78.000
6	7:49:59	0.333	835.000	118.00	85.000
7	7:55: 0	0.417	914.000	118.00	79.000
8	8: 0: 0	0.500	1010.000	118.00	96.000
INITIAL SHUT-IN PERIOD					
9	8: 3: 0	0.550	1390.000	118.00	380.000
10	8: 6: 0	0.600	1431.000	118.00	41.000
11	8: 9: 0	0.650	1451.000	118.00	20.000
12	8:12: 0	0.700	1464.000	118.00	13.000
13	8:15: 0	0.750	1471.000	118.00	7.000
14	8:18: 0	0.800	1479.000	118.00	8.000
15	8:21: 0	0.850	1481.000	118.00	2.000
16	8:24: 0	0.900	1484.000	118.00	3.000
17	8:27: 0	0.950	1487.000	118.00	3.000
18	8:30: 0	1.000	1491.000	118.00	4.000
19	8:33: 0	1.050	1493.000	118.00	2.000
20	8:36: 0	1.100	1494.000	118.00	1.000
21	8:39: 0	1.150	1495.000	118.00	1.000
22	8:42: 0	1.200	1496.000	118.00	1.000
23	8:45: 0	1.250	1497.000	118.00	1.000
24	8:48: 0	1.300	1498.000	118.00	1.000
25	8:51: 0	1.350	1498.000	118.00	0.000
26	8:54: 0	1.400	1498.000	118.00	0.000
27	8:57: 0	1.450	1498.000	118.00	0.000
28	9: 0: 0	1.500	1498.000	118.00	0.000
FINAL FLOW PERIOD					
29	9: 1: 0	1.517	1144.000	118.00	-354.000
30	9: 4:59	1.583	1144.000	118.00	0.000
31	9:10: 0	1.667	1163.000	118.00	19.000
32	9:15: 0	1.750	1212.000	118.00	49.000
33	9:19:59	1.833	1250.000	118.00	38.000
34	9:25: 0	1.917	1285.000	118.00	35.000
35	9:30: 0	2.000	1316.000	118.00	31.000
36	9:34:59	2.083	1343.000	118.00	27.000
37	9:40: 0	2.167	1366.000	118.00	23.000
38	9:45: 0	2.250	1388.000	118.00	22.000
39	9:49:59	2.333	1401.000	118.00	13.000
40	9:55: 0	2.417	1417.000	118.00	16.000
41	10: 0: 0	2.500	1429.000	118.00	12.000
FINAL SHUT-IN PERIOD					
42	10: 3: 0	2.550	1471.000	118.00	42.000
43	10: 6: 0	2.600	1484.000	118.00	13.000
44	10: 9: 0	2.650	1492.000	118.00	8.000
45	10:12: 0	2.700	1495.000	118.00	3.000
46	10:15: 0	2.750	1498.000	118.00	3.000
47	10:18: 0	2.800	1498.000	118.00	0.000
48	10:21: 0	2.850	1498.000	118.00	0.000

COMPANY : RAYDON EXPLORATION INC.  
WELL : 1-24  
GAUGE # : 1051  
DATE : 7/ 1/92

FIELD : BLUNK  
JOB # : 17596  
DEPTH : 3718  
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	10:24: 0	2.900	1498.000	118.00	0.000
50	10:27: 0	2.950	1498.000	118.00	0.000
51	10:30: 0	3.000	1498.000	118.00	0.000
52	10:33: 0	3.050	1499.000	118.00	1.000
53	10:36: 0	3.100	1499.000	118.00	0.000
54	10:39: 0	3.150	1500.000	118.00	1.000
55	10:42: 0	3.200	1500.000	118.00	0.000
56	10:45: 0	3.250	1501.000	118.00	1.000
57	10:48: 0	3.300	1501.000	118.00	0.000
58	10:51: 0	3.350	1501.000	118.00	0.000
59	10:54: 0	3.400	1502.000	118.00	1.000
60	10:57: 0	3.450	1502.000	118.00	0.000
61	11: 0: 0	3.500	1502.000	118.00	0.000
62	11: 3: 0	3.550	1503.000	118.00	1.000
63	11: 6: 0	3.600	1503.000	118.00	0.000
64	11: 9: 0	3.650	1503.000	118.00	0.000
65	11:12: 0	3.700	1503.000	118.00	0.000
66	11:15: 0	3.750	1504.000	118.00	1.000
67	11:18: 0	3.800	1504.000	118.00	0.000
68	11:21: 0	3.850	1504.000	118.00	0.000
69	11:24: 0	3.900	1505.000	118.00	1.000
70	11:27: 0	3.950	1505.000	118.00	0.000
71	11:30: 0	4.000	1505.000	118.00	0.000
72	11:33: 0	4.050	1505.000	118.00	0.000
73	11:36: 0	4.100	1505.000	118.00	0.000
74	11:39: 0	4.150	1505.000	118.00	0.000
75	11:42: 0	4.200	1505.000	118.00	0.000
76	11:45: 0	4.250	1505.000	118.00	0.000
77	11:48: 0	4.300	1505.000	118.00	0.000
78	11:51: 0	4.350	1505.000	118.00	0.000
79	11:54: 0	4.400	1505.000	118.00	0.000
80	11:57: 0	4.450	1505.000	118.00	0.000
81	12: 0: 0	4.500	1505.000	118.00	0.000

WESTERN TESTING CO. INC.

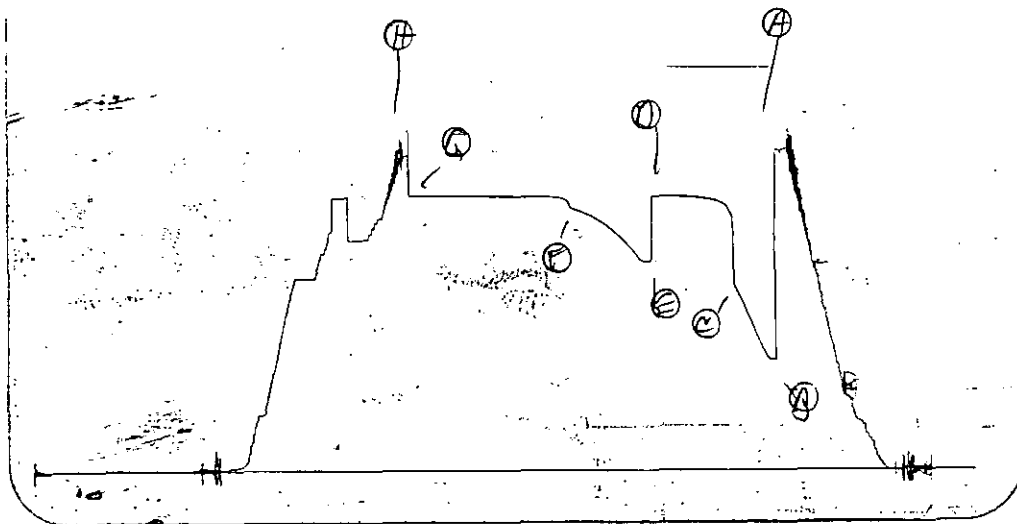


ORIGINAL

1051 DST #1

~~7~~ #7 17596

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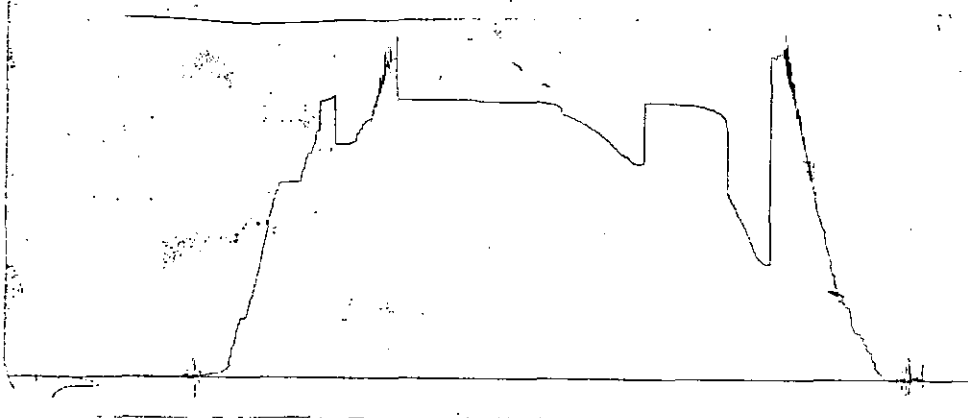


Inside Recorder

1832 - DST #1

~~7~~ #7 17596

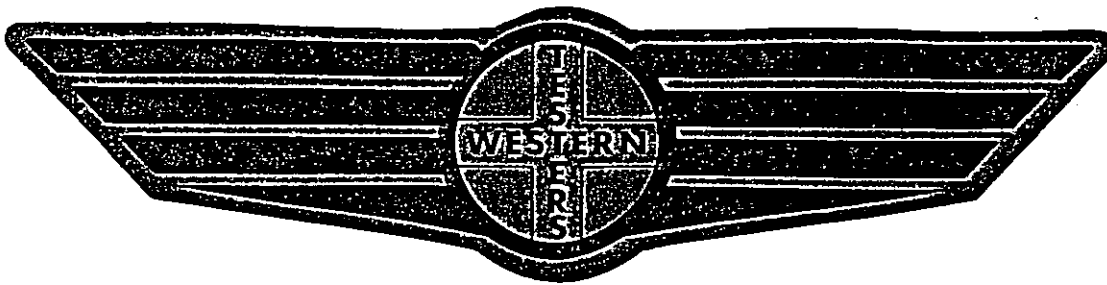
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Outside Recorder

ORIGINAL

# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY RAYDON EXPLORATION, INC. LEASE & WELL NO. BLUNK #1-24 SEC. 24 TWP. 34S RGE. 14W TEST NO. 2 DATE 1/10/92

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 1-10-92 TICKET : 17597  
CUSTOMER : RAYDON EXPLORATION INC. LEASE : BLUNK  
WELL : 1-24 TEST: 2 GEOLOGIST : WILLIAMS  
ELEVATION : 1571 KB FORMATION : MISSISSIPPI  
SECTION : 24 TOWNSHIP : 34S  
RANGE : 14W COUNTY : BARBER STATE : KANSAS  
GAUGE SN# : 1051 RANGE : 4250 CLOCK : 12

INTERVAL FROM : 4675 TO : 4720 TOTAL DEPTH : 4720  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 4670 SIZE : 6.63  
PACKER DEPTH : 4675 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : EAGLE DRILLING RIG 1  
MUD TYPE : CHEMICAL VISCOSITY : 47  
WEIGHT : 9.1 WATER LOSS (CC) : 11.2  
CHLORIDES (PPM) : 9000  
JARS-MAKE : W.T.C. SERIAL NUMBER : 404  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 317 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 4330 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 45 FT ANCHOR SIZE : 5.50  
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75  
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD STRONG BLOW IN 4 MINUTES.  
BLOW COMMENT #2 : FINAL FLOW PERIOD STRONG BLOW - NO GAS TO  
BLOW COMMENT #3 : SURFACE ON OPENINGS.  
BLOW COMMENT #4 : GAS TO SURFACE DURING FINAL SHUT-IN PERIOD.

ORIGINAL

RECOVERED : 30 FT OF: GASSY MUD-20%GAS;80%MUD

Total Barrels Fluid = 0.15  
Total Fluid Prod Rate = 2.36 BFPD  
Indicated Wtr Rate = 0.19 BWPD

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

SET PACKER(S) : 7:50 A.M.

TIME STARTED OFF BOTTOM : 3:20 P.M.

WELL TEMPERATURE : 124

INITIAL HYDROSTATIC PRESSURE

(A) 2270

INITIAL FLOW PERIOD MIN: 30

(B) 68 PSI TO (C) : 68

INITIAL CLOSED IN PERIOD MIN: 126

(D) 677

FINAL FLOW PERIOD MIN: 60

(E) 58 PSI TO (F) : 58

FINAL CLOSED IN PERIOD MIN: 246

(G) 627

FINAL HYDROSTATIC PRESSURE

(H) 2199

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
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COMPANY : RAYDON EXPLORATION INC.  
RIG : BARBER-KANSAS  
FIELD : BLUNK  
WELL : 1-24  
DATE : 1-10-92  
GAUGE NO : 1051

OPERATIONAL COMMENTS

COMPANY : RAYDON EXPLORATION INC.  
 WELL : 1-24  
 GAUGE # : 1051  
 DATE : 10/ 1/92

FIELD : BLUNK  
 JOB # : 17597  
 DEPTH : 4720  
 TEST :

ORIGINAL

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	7:50: 0	0.000	68.000	124.00	0.000
3	7:54:59	0.083	68.000	124.00	0.000
4	8: 0: 0	0.167	68.000	124.00	0.000
5	8: 5: 0	0.250	68.000	124.00	0.000
6	8: 9:59	0.333	68.000	124.00	0.000
7	8:15: 0	0.417	68.000	124.00	0.000
8	8:20: 0	0.500	68.000	124.00	0.000
INITIAL SHUT-IN PERIOD					
9	8:23: 0	0.550	68.000	124.00	0.000
10	8:26: 0	0.600	68.000	124.00	0.000
11	8:29: 0	0.650	68.000	124.00	0.000
12	8:32: 0	0.700	68.000	124.00	0.000
13	8:35: 0	0.750	75.000	124.00	7.000
14	8:38: 0	0.800	81.000	124.00	6.000
15	8:41: 0	0.850	92.000	124.00	11.000
16	8:44: 0	0.900	107.000	124.00	15.000
17	8:47: 0	0.950	123.000	124.00	16.000
18	8:50: 0	1.000	137.000	124.00	14.000
19	8:53: 0	1.050	152.000	124.00	15.000
20	8:56: 0	1.100	169.000	124.00	17.000
21	8:59: 0	1.150	182.000	124.00	13.000
22	9: 2: 0	1.200	199.000	124.00	17.000
23	9: 5: 0	1.250	215.000	124.00	16.000
24	9: 8: 0	1.300	232.000	124.00	17.000
25	9:11: 0	1.350	249.000	124.00	17.000
26	9:14: 0	1.400	269.000	124.00	20.000
27	9:17: 0	1.450	284.000	124.00	15.000
28	9:20: 0	1.500	300.000	124.00	16.000
29	9:23: 0	1.550	318.000	124.00	18.000
30	9:26: 0	1.600	335.000	124.00	17.000
31	9:29: 0	1.650	354.000	124.00	19.000
32	9:32: 0	1.700	373.000	124.00	19.000
33	9:35: 0	1.750	391.000	124.00	18.000
34	9:38: 0	1.800	406.000	124.00	15.000
35	9:41: 0	1.850	426.000	124.00	20.000
36	9:44: 0	1.900	441.000	124.00	15.000
37	9:47: 0	1.950	458.000	124.00	17.000
38	9:50: 0	2.000	474.000	124.00	16.000
39	9:53: 0	2.050	493.000	124.00	19.000
40	9:56: 0	2.100	511.000	124.00	18.000
41	9:59: 0	2.150	529.000	124.00	18.000
42	10: 2: 0	2.200	547.000	124.00	18.000
43	10: 5: 0	2.250	563.000	124.00	16.000
44	10: 8: 0	2.300	581.000	124.00	18.000
45	10:11: 0	2.350	598.000	124.00	17.000
46	10:14: 0	2.400	613.000	124.00	15.000
47	10:17: 0	2.450	629.000	124.00	16.000
48	10:20: 0	2.500	651.000	124.00	22.000
49	10:23: 0	2.550	670.000	124.00	19.000
50	10:26: 0	2.600	677.000	124.00	7.000
FINAL FLOW PERIOD					
51	10:27: 0	2.617	58.000	124.00	-619.000
52	10:30:59	2.683	58.000	124.00	0.000

53	10:36: 0	2.767	58.000	124.00	0.000
54	10:41: 0	2.850	58.000	124.00	0.000
55	10:45:59	2.933	58.000	124.00	0.000
56	10:51: 0	3.017	58.000	124.00	0.000
57	10:56: 0	3.100	58.000	124.00	0.000
58	11: 0:59	3.183	58.000	124.00	0.000
59	11: 6: 0	3.267	58.000	124.00	0.000
60	11:11: 0	3.350	58.000	124.00	0.000
61	11:15:59	3.433	58.000	124.00	0.000
62	11:21: 0	3.517	58.000	124.00	0.000
63	11:26: 0	3.600	58.000	124.00	0.000
FINAL SHUT-IN PERIOD					
64	11:29: 0	3.650	58.000	124.00	0.000
65	11:32: 0	3.700	83.000	124.00	25.000
66	11:35: 0	3.750	131.000	124.00	48.000
67	11:38: 0	3.800	177.000	124.00	46.000
68	11:41: 0	3.850	226.000	124.00	49.000
69	11:44: 0	3.900	272.000	124.00	46.000
70	11:47: 0	3.950	327.000	124.00	55.000
71	11:50: 0	4.000	366.000	124.00	39.000
72	11:53: 0	4.050	418.000	124.00	52.000
73	11:56: 0	4.100	467.000	124.00	49.000
74	11:59: 0	4.150	510.000	124.00	43.000
75	12: 2: 0	4.200	552.000	124.00	42.000
76	12: 5: 0	4.250	597.000	124.00	45.000
77	12: 7:59	4.300	641.000	124.00	44.000
78	12:11: 0	4.350	685.000	124.00	44.000
79	12:14: 0	4.400	724.000	124.00	39.000
80	12:17: 0	4.450	760.000	124.00	36.000
81	12:20: 0	4.500	777.000	124.00	17.000
82	12:22:59	4.550	789.000	124.00	12.000
83	12:26: 0	4.600	791.000	124.00	2.000
84	12:28:59	4.650	791.000	124.00	0.000
85	12:32: 0	4.700	791.000	124.00	0.000
86	12:35: 0	4.750	791.000	124.00	0.000
87	12:38: 0	4.800	791.000	124.00	0.000
88	12:41: 0	4.850	791.000	124.00	0.000
89	12:43:59	4.900	791.000	124.00	0.000
90	12:47: 0	4.950	791.000	124.00	0.000
91	12:50: 0	5.000	791.000	124.00	0.000
92	12:53: 0	5.050	791.000	124.00	0.000
93	12:56: 0	5.100	791.000	124.00	0.000
94	12:58:59	5.150	753.000	124.00	-38.000
95	13: 2: 0	5.200	719.000	124.00	-34.000
96	13: 5: 0	5.250	688.000	124.00	-31.000
97	13: 8: 0	5.300	670.000	124.00	-18.000
98	13:11: 0	5.350	649.000	124.00	-21.000
99	13:13:59	5.400	636.000	124.00	-13.000
100	13:17: 0	5.450	625.000	124.00	-11.000
101	13:20: 0	5.500	620.000	124.00	-5.000
102	13:23: 0	5.550	612.000	124.00	-8.000
103	13:26: 0	5.600	606.000	124.00	-6.000
104	13:28:59	5.650	603.000	124.00	-3.000
105	13:32: 0	5.700	601.000	124.00	-2.000
106	13:35: 0	5.750	598.000	124.00	-3.000
107	13:38: 0	5.800	595.000	124.00	-3.000
108	13:41: 0	5.850	593.000	124.00	-2.000
109	13:43:59	5.900	593.000	124.00	0.000
110	13:47: 0	5.950	593.000	124.00	0.000
111	13:50: 0	6.000	593.000	124.00	0.000
112	13:53: 0	6.050	593.000	124.00	0.000
113	13:56: 0	6.100	593.000	124.00	0.000
114	13:58:59	6.150	593.000	124.00	0.000
115	14: 2: 0	6.200	593.000	124.00	0.000

116	14: 5: 0	6.250	593.000	124.00	0.000
117	14: 8: 0	6.300	593.000	124.00	0.000
118	14:11: 0	6.350	593.000	124.00	0.000
119	14:13:59	6.400	594.000	124.00	1.000
120	14:17: 0	6.450	594.000	124.00	0.000
121	14:20: 0	6.500	594.000	124.00	0.000
122	14:23: 0	6.550	594.000	124.00	0.000
123	14:26: 0	6.600	594.000	124.00	0.000
124	14:28:59	6.650	595.000	124.00	1.000
125	14:32: 0	6.700	597.000	124.00	2.000
126	14:35: 0	6.750	599.000	124.00	2.000
127	14:38: 0	6.800	601.000	124.00	2.000
128	14:41: 0	6.850	603.000	124.00	2.000
129	14:43:59	6.900	603.000	124.00	0.000
130	14:47: 0	6.950	604.000	124.00	1.000
131	14:50: 0	7.000	604.000	124.00	0.000
132	14:53: 0	7.050	605.000	124.00	1.000
133	14:56: 0	7.100	605.000	124.00	0.000
134	14:58:59	7.150	606.000	124.00	1.000
135	15: 2: 0	7.200	606.000	124.00	0.000
136	15: 5: 0	7.250	607.000	124.00	1.000
137	15: 8: 0	7.300	607.000	124.00	0.000
138	15:11: 0	7.350	607.000	124.00	0.000
139	15:13:59	7.400	610.000	124.00	3.000
140	15:17: 0	7.450	613.000	124.00	3.000
141	15:20: 0	7.500	616.000	124.00	3.000
142	15:23: 0	7.550	618.000	124.00	2.000
143	15:26: 0	7.600	621.000	124.00	3.000
144	15:29: 0	7.650	624.000	124.00	3.000
145	15:32: 0	7.700	627.000	124.00	3.000

ORIGINAL

WESTERN TESTING CO. INC.



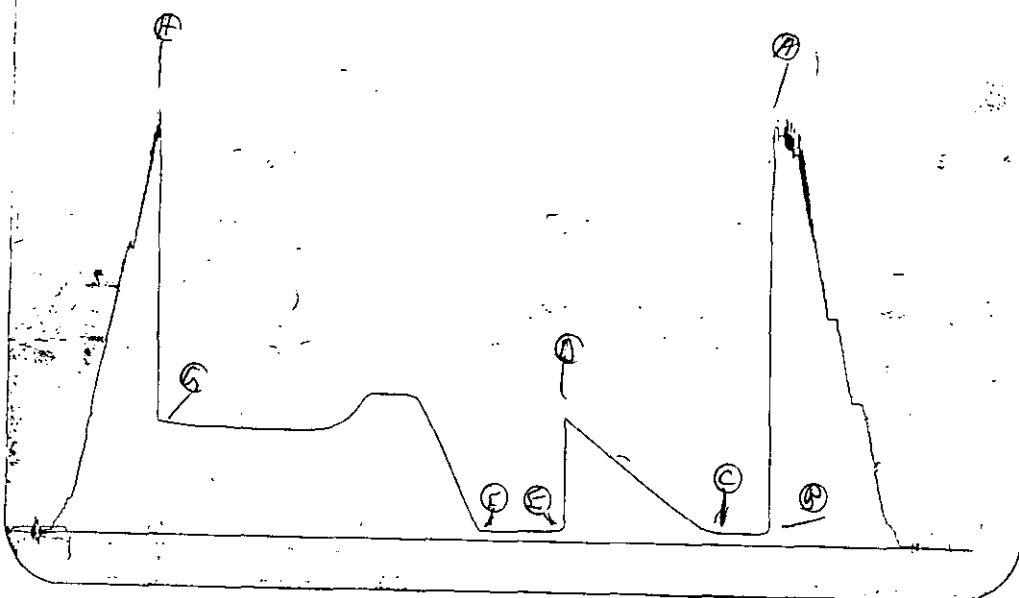
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KA 17597

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ORIGINAL

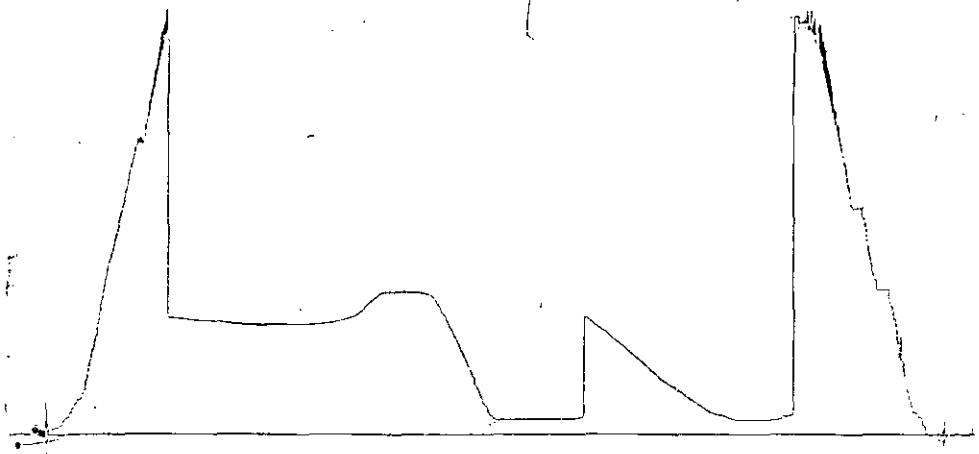


Inside Recorder

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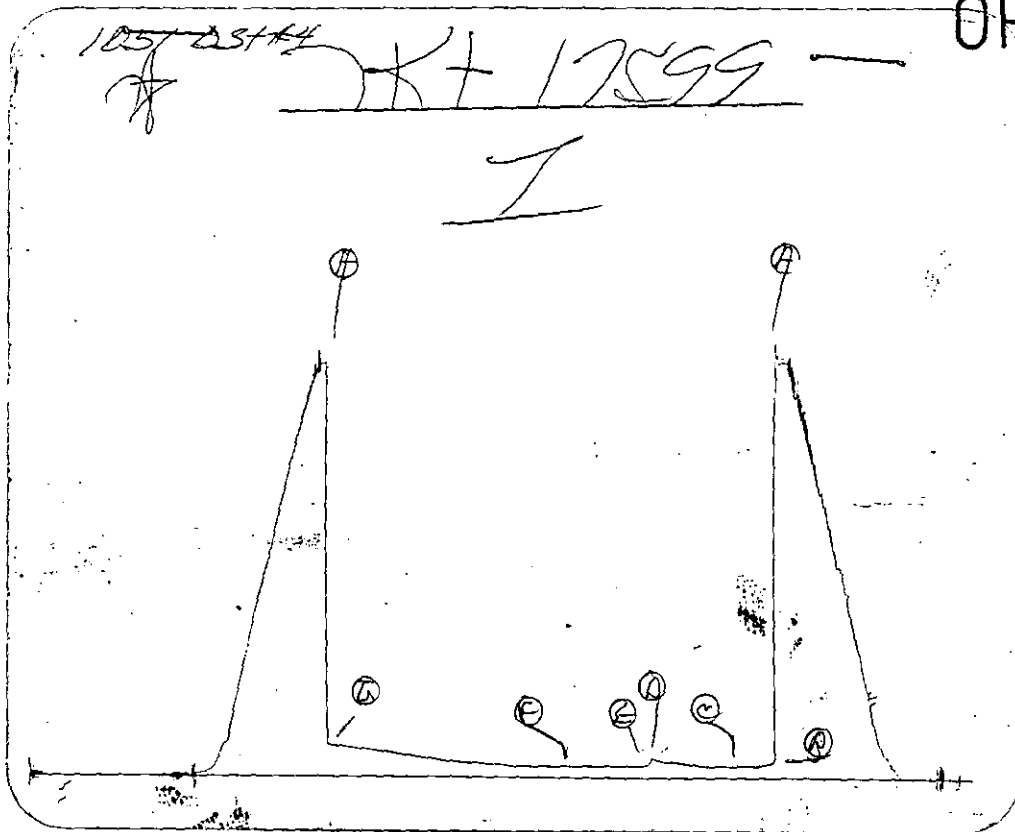
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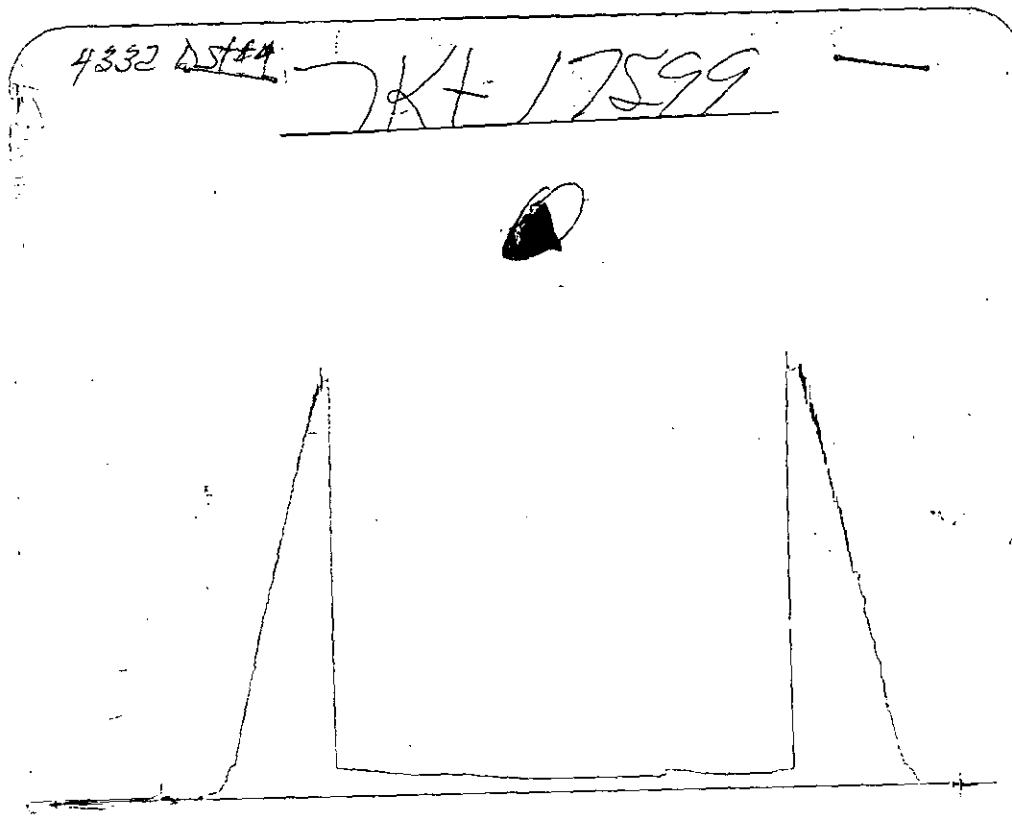


Outside Recorder

ORIGINAL



Inside Recorder



Outside Recorder