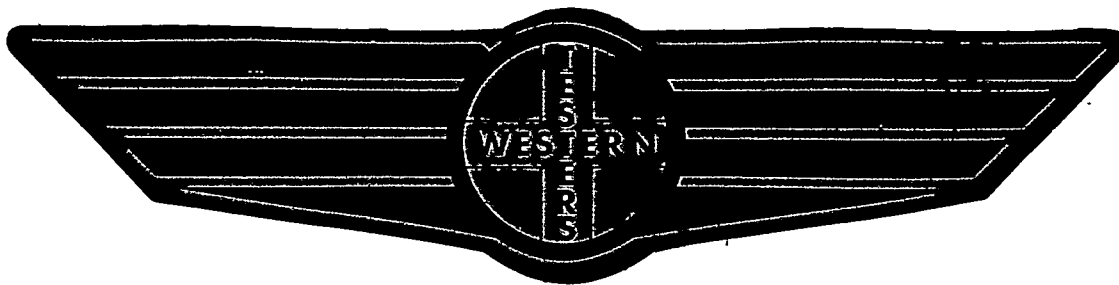


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800 - 688 - 7021

COMPANY BRITO OIL COMPANY, INC.

LEASE & WELL NO. #1-33 NELSON

SEC. 33 TWP. 21S RGE. 31W TEST NO. 1 DATE

10/22/92

DST REPORT

GENERAL INFORMATION

DATE : 10/22/92	TICKET : 19241
CUSTOMER : BRITO OIL COMPANY, INC.	LEASE : NELSON
WELL : 1-33 TEST: 1	GEOLOGIST: R. BRITO
ELEVATION: 2902 KB	FORMATION: MORROW
SECTION : 33	TOWNSHIP : 21S
RANGE : 31W COUNTY: FINNEY	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4680.00 ft	TO: 4710.00 ft	TVD: 4710.0 ft
DEPTH OF SELECTIVE ZONE:		TEST TYPE: OIL
DEPTH OF RECORDERS: 4697.0 ft	4700.0 ft	
TEMPERATURE: 118.0		

DRILL COLLAR LENGTH: 552.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 4108.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 30.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE : 0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE : 7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH: 4675.0 ft	SIZE:	6.630 in
PACKER DEPTH: 4680.0 ft	SIZE:	6.630 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in
PACKER DEPTH: 0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : MURFIN RIG 20	VISCOSITY : 47.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 12.000 cc
WEIGHT : 9.400 ppg	
CHLORIDES : 2000 ppm	SERIAL NUMBER:
JARS-MAKE :	REVERSED OUT?: NO
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD SURFACE BLOW, DIED IN 27 MIN.
 FINAL FLOW PERIOD VERY WEAK SURFACE BLOW, DIED IN
 6 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	5.0	0.0	0.0	95.0	SLY OIL CUT MUD

RATE INFORMATION

OIL VOLUME: 0.0025 STB	TOTAL FLOW TIME: 60.0000 min.
GAS VOLUME: 0.0000 SCF	AVERAGE OIL RATE: 1.1802 STB/D
MUD VOLUME: 0.0467 STB	AVERAGE WATER RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	
TOTAL FLUID : 0.0492 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2349.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	25.00	25.00
INITIAL SHUT-IN	30.00		89.00
FINAL FLOW	30.00	29.00	29.00
FINAL SHUT-IN	30.00		89.00

FINAL HYDROSTATIC PRESSURE: 2271.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2353.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	34.00	34.00
INITIAL SHUT-IN	30.00		97.00
FINAL FLOW	30.00	37.00	38.00
FINAL SHUT-IN	30.00		103.00

FINAL HYDROSTATIC PRESSURE: 2239.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/22/92	TICKET : 19241
CUSTOMER : BRITO OIL COMPANY, INC.	LEASE : NELSON
WELL : 1-33 TEST: 1	GEOLOGIST: R. BRITO
ELEVATION: 2902 KB	FORMATION: MORROW
SECTION : 33	TOWNSHIP : 21S
RANGE : 31W COUNTY: FINNEY	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	34.00	34.00
5.00	34.00	0.00
10.00	34.00	0.00
15.00	34.00	0.00
20.00	34.00	0.00
25.00	34.00	0.00
30.00	34.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	35.00	35.00	0.00
6.00	36.00	1.00	0.00
9.00	37.00	1.00	0.00
12.00	43.00	6.00	0.00
15.00	47.00	4.00	0.00
18.00	52.00	5.00	0.00
21.00	59.00	7.00	0.00
24.00	68.00	9.00	0.00
27.00	82.00	14.00	0.00
30.00	97.00	15.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	37.00	37.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
5.00	37.00	0.00
10.00	37.00	0.00
15.00	37.00	0.00
20.00	38.00	1.00
25.00	38.00	0.00
30.00	38.00	0.00

FINAL SHUT IN

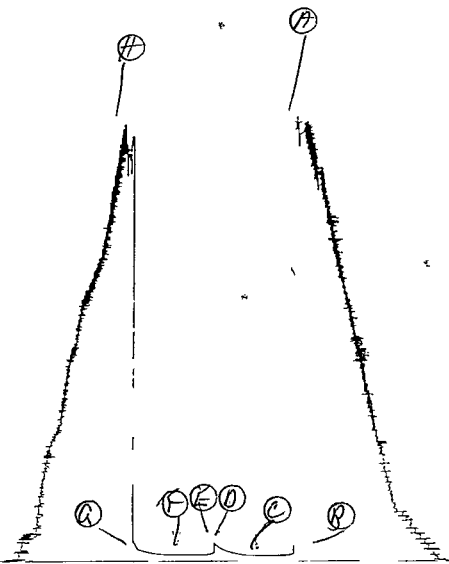
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	38.00	38.00	0.00
6.00	39.00	1.00	0.00
9.00	41.00	2.00	0.00
12.00	43.00	2.00	0.00
15.00	45.00	2.00	0.00
18.00	50.00	5.00	0.00
21.00	53.00	3.00	0.00
24.00	59.00	6.00	0.00
27.00	68.00	9.00	0.00
30.00	103.00	35.00	0.00

KT 19241

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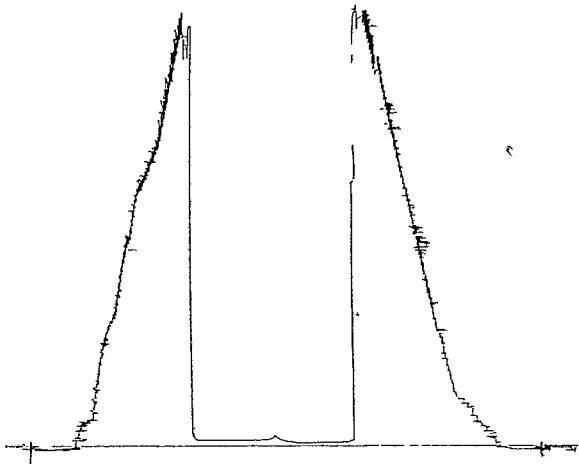


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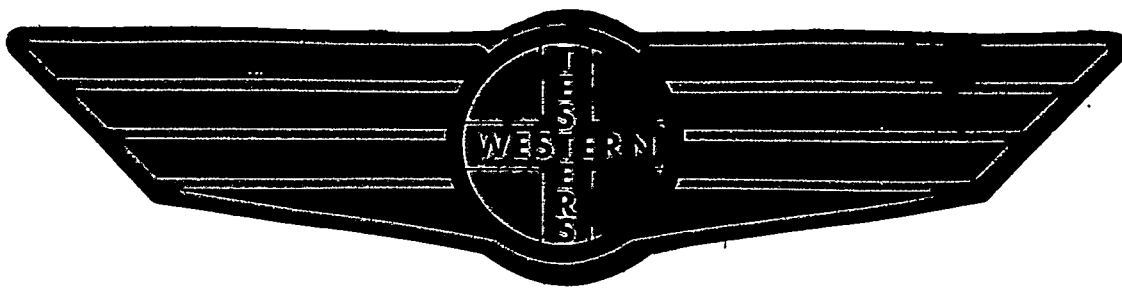
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800 - 688 - 7021

COMPANY BRITO OIL COMPANY, INC. LEASE & WELL NO. #1-33 NELSON SEC. 33 TWP. 21SRGE.31W TEST NO. 2 DATE 10/23/92

DST REPORT

GENERAL INFORMATION

DATE : 10/23/92
CUSTOMER : BRITO OIL COMPANY, INC.
WELL : 1-33 TEST: 2
ELEVATION: 2902 KB
SECTION : 33
RANGE : 31W COUNTY: FINNEY
GAUGE SN#: 3849 RANGE : 4200
TICKET : 19242
LEASE : NELSON
GEOLOGIST: R. BRITO
FORMATION: ST. LOUIS C
TOWNSHIP : 21S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4785.00 ft TO: 4800.00 ft TVD: 4800.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4788.0 ft 4791.0 ft
TEMPERATURE: 130.0
DRILL COLLAR LENGTH: 552.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4213.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 15.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 4780.0 ft SIZE: 6.630 in
PACKER DEPTH: 4785.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : MURFIN RIG 20
MUD TYPE : CHEMICAL VISCOSITY : 47.00 cp
WEIGHT : 9.300 ppg WATER LOSS: 13.600 cc
CHLORIDES : 1500 ppm
JARS-MAKE :
DID WELL FLOW?: NO SERIAL NUMBER:
REVERSED OUT?: YES

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW, BOTTOM OF BUCKET
IN 3 MINUTES. FINAL FLOW PERIOD STRONG BLOW IN 4
MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
2120.0	0.0	0.0	100.0	0.0	SALT WATER W/A SLIGHT
0.0	0.0	0.0	0.0	0.0	SULFUR ODOR
0.0	0.0	0.0	0.0	0.0	CHLORIDES 20000 P.P.M.

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.0000	STB	AVERAGE WATER RATE:	592.9866	STB/D
WATER VOLUME:	24.7078	STB			
TOTAL FLUID :	24.7078	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2391.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	68.00	619.00
INITIAL SHUT-IN	30.00		1271.00
FINAL FLOW	30.00	661.00	941.00
FINAL SHUT-IN	30.00		1271.00

FINAL HYDROSTATIC PRESSURE: 2377.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2419.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	83.00	635.00
INITIAL SHUT-IN	30.00		1280.00
FINAL FLOW	30.00	673.00	950.00
FINAL SHUT-IN	33.00		1280.00

FINAL HYDROSTATIC PRESSURE: 2377.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/23/92	TICKET : 19242
CUSTOMER : BRITO OIL COMPANY, INC.	LEASE : NELSON
WELL : 1-33 TEST: 2	GEOLOGIST: R. BRITO
ELEVATION: 2902 KB	FORMATION: ST. LOUIS C
SECTION : 33	TOWNSHIP : 21S
RANGE : 31W COUNTY: FINNEY	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	83.00	83.00
5.00	262.00	179.00
10.00	351.00	89.00
15.00	438.00	87.00
20.00	509.00	71.00
25.00	584.00	75.00
30.00	635.00	51.00

INITIAL SHUT IN

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	1272.00	1272.00	0.00
6.00	1276.00	4.00	0.00
9.00	1277.00	1.00	0.00
12.00	1278.00	1.00	0.00
15.00	1279.00	1.00	0.00
18.00	1280.00	1.00	0.00
21.00	1280.00	0.00	0.00
24.00	1280.00	0.00	0.00
27.00	1280.00	0.00	0.00
30.00	1280.00	0.00	0.00

FINAL FLOW

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	673.00	673.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
5.00	705.00	32.00
10.00	766.00	61.00
15.00	817.00	51.00
20.00	866.00	49.00
25.00	914.00	48.00
30.00	950.00	36.00

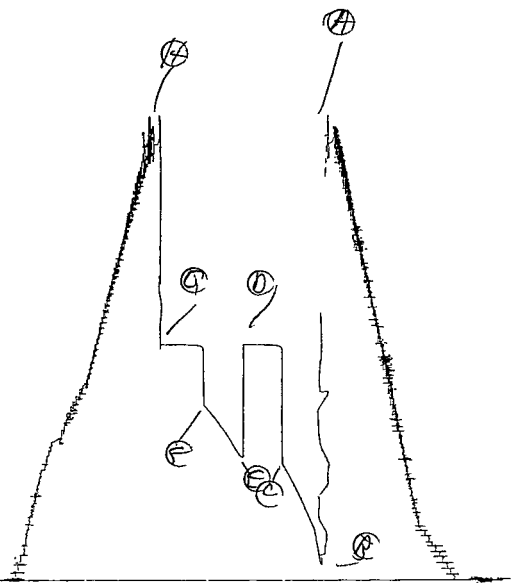
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	1271.00	1271.00	0.00
6.00	1277.00	6.00	0.00
9.00	1279.00	2.00	0.00
12.00	1280.00	1.00	0.00
15.00	1280.00	0.00	0.00
18.00	1280.00	0.00	0.00
21.00	1280.00	0.00	0.00
24.00	1280.00	0.00	0.00
27.00	1280.00	0.00	0.00
30.00	1280.00	0.00	0.00
33.00	1280.00	0.00	0.00

K4 19242

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