FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

COMPANY OXY USA, INC. LEASE & WELL NO. #2 ROBBINS P SEC. 23 TWP. 30S RGE. 16W TEST NO. 1 DATE 3/29/94

DST REPORT

GENERAL INFORMATION

DATE	: 3/29/94	TICKET	: 20200
CUSTOMER	: OXY USA, INC.	LEASE	: ROBBINS P
WELL	: #2 TEST: 1	GEOLOGIST	: FELLHOUT
ELEVATION	: 1890 KB	FORMATION	: MISSISSIPPI
SECTION	: 23	TOWNSHIP	: 30S
RANGE	: 16W COUNTY: KIOWA	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4626.00 ft TO: 4660.00 ft TVD: 4660.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4652.0 ft 4655.0 ft
TEMPERATURE: 121.0

DRILL COLLAR LENGTH:	242.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4356.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	34.0 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:	4621.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4626.0 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.	: DUKE DRLG RIG 5		
MUD TYPE	: CHEMICAL	VISCOSITY :	44.00 cp
WEIGHT	: 9.000 ppg	WATER LOSS:	7.800 cc
CHLORIDES	: 4500 ppm		
JARS-MAKE	: WTC	SERIAL NUMBER:	411
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK 2 TO 3 INCH BLOW.
FINAL FLOW PERIOD VERY WEAK 1.5 INCH STEADY BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
65.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	90.0000 min.
MUD VOLUME:	0.3196 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.3196 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2241.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	86.00	86.00
INITIAL SHUT-IN	60.00		215.00
FINAL FLOW	60.00	86.00	53.00
FINAL SHUT-IN	120.00		236.00

FINAL HYDROSTATIC PRESSURE: 2241.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2262.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	70.00	70.00
INITIAL SHUT-IN	57.00		191.00
FINAL FLOW	60.00	100.00	71.00
FINAL SHUT-IN	129.00		240.00

FINAL HYDROSTATIC PRESSURE: 2225.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 3/29/94	TICKET	: 20200
CUSTOMER	: OXY USA, INC.	LEASE	: ROBBINS P
WELL	: #2 TEST: 1	GEOLOGIST	: FELLHOUT
ELEVATION	: 1890 KB	FORMATION	: MISSISSIPPI
SECTION	: 23	TOWNSHIP	: 30S
RANGE	: 16W COUNTY: KIOWA	STATE	: KS
GAUGE SN#	: 1051 RANGE : 4250	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	70.00	70.00
5.00	70.00	0.00
10.00	70.00	0.00
15.00	70.00	0.00
20.00	70.00	0.00
25.00	70.00	0.00
30.00	70.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	70.00	70.00	0.00
6.00	70.00	0.00	0.00
9.00	70.00	0.00	0.00
12.00	72.00	2.00	0.00
15.00	75.00	3.00	0.00
18.00	81.00	6.00	0.00
21.00	89.00	8.00	0.00
24.00	99.00	10.00	0.00
27.00	108.00	9.00	0.00
30.00	118.00	10.00	0.00
33.00	129.00	11.00	0.00
36.00	142.00	13.00	0.00
39.00	152.00	10.00	0.00
42.00	158.00	6.00	0.00
45.00	166.00	8.00	0.00
48.00	172.00	6.00	0.00
51.00	180.00	8.00	0.00
54.00	184.00	4.00	0.00
57.00	191.00	7.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

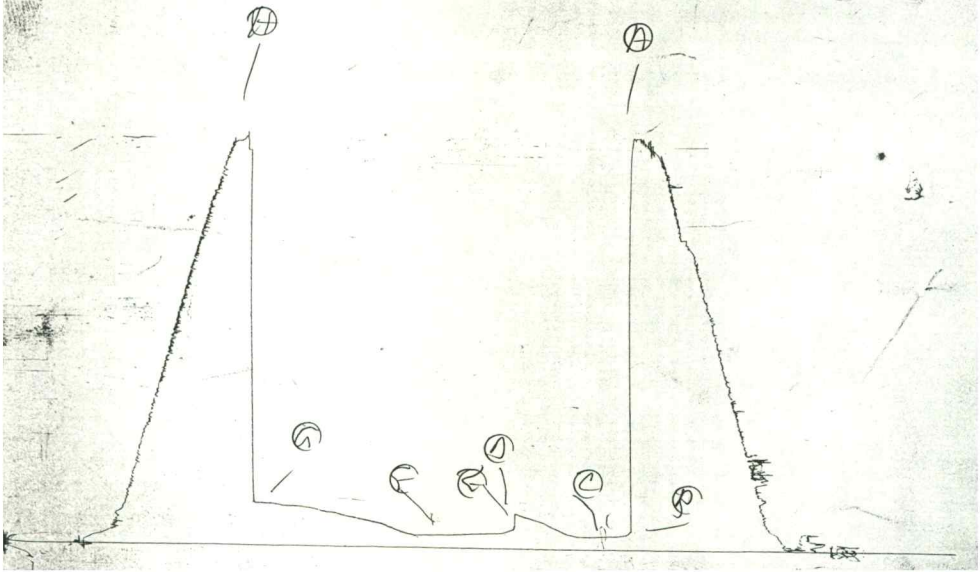
Time (min)	Pressure	Delta P
0.00	100.00	100.00
5.00	95.00	-5.00
10.00	83.00	-12.00
15.00	82.00	-1.00
20.00	80.00	-2.00
25.00	79.00	-1.00
30.00	77.00	-2.00
35.00	75.00	-2.00
40.00	74.00	-1.00
45.00	73.00	-1.00
50.00	72.00	-1.00
55.00	71.00	-1.00
60.00	71.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	71.00	71.00	0.00
6.00	71.00	0.00	0.00
9.00	71.00	0.00	0.00
12.00	71.00	0.00	0.00
15.00	72.00	1.00	0.00
18.00	77.00	5.00	0.00
21.00	84.00	7.00	0.00
24.00	92.00	8.00	0.00
27.00	100.00	8.00	0.00
30.00	110.00	10.00	0.00
33.00	118.00	8.00	0.00
36.00	130.00	12.00	0.00
39.00	135.00	5.00	0.00
42.00	140.00	5.00	0.00
45.00	145.00	5.00	0.00
48.00	149.00	4.00	0.00
51.00	153.00	4.00	0.00
54.00	158.00	5.00	0.00
57.00	162.00	4.00	0.00
60.00	167.00	5.00	0.00
63.00	172.00	5.00	0.00
66.00	177.00	5.00	0.00
69.00	185.00	8.00	0.00
72.00	191.00	6.00	0.00
75.00	194.00	3.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
78.00	197.00	3.00	0.00
81.00	200.00	3.00	0.00
84.00	205.00	5.00	0.00
87.00	210.00	5.00	0.00
90.00	216.00	6.00	0.00
93.00	219.00	3.00	0.00
96.00	222.00	3.00	0.00
99.00	224.00	2.00	0.00
102.00	226.00	2.00	0.00
105.00	228.00	2.00	0.00
108.00	230.00	2.00	0.00
111.00	232.00	2.00	0.00
114.00	234.00	2.00	0.00
117.00	236.00	2.00	0.00
120.00	237.00	1.00	0.00
123.00	238.00	1.00	0.00
126.00	239.00	1.00	0.00
129.00	240.00	1.00	0.00

1057 DS741