



HOLE & TOOL DATA

Total Depth 5720' Casing Perforations Top Bottom

Top Packer Depth 5689' Bottom Packer Depth

Casing or Hole Size 7 7/8" Liner or Rothole Size 7 7/8" x 31'

Formation Tested MORROW

Size Drill Pipe Size Drill Collars

Size Bottom Choke 5/8" Size Surface Choke 6" x 220'

Size Hook Wall Packer Size Rings No. Rings

Size & Type Wall Packer 6 3/4" ESWP. No. Packers 1

Size & Length Anchor 5" x 31' Blanked Off Yes

PRD Device No. 1584 Depth 5716'

REMARKS: Set packer, opened tool and took a 20 minute initial closed

In pressure. Tool opened with a good blow. Gas to the

surface in 6 minutes (Unable to measure). Received a good

blow for 10 minutes, gradual weakening. Flowed oil in 1 hour

and 12 minutes. Reversed circulation.

Date 12-15-56

Ticket No. 46086

HOWCO DISTRICT Liberal

Kind of Job Open Hole

Price \$243.00

Second Packer Assembly

Safety Joint

Extra Folder Charge

Jars \$100.00

Total \$343.00

Witnessed By T. Tenel

Tester Mr. Reece

LOCATION 1-33-30

FIELD Plains

COUNTY Meade

STATE Kansas

CONTRACTOR Midwestern Drilling

MUD DATA

Kind Chemical

Weight 9.5 lbs.-gal.

Viscosity 44 Sec.

Filter Loss 7.9 c. Filter Cake 2/32 in.

Est. Gauge Depth Temp. Actual 126° F.

Time Tool Open 75 Minutes Initial

Time Closed In. 30 Minutes Final

Depth BT. Gauge 5709'

BT. P.R.D. No. 231 Blanked Off No

12 Hr. Clock No. 1560

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 3030 2893 p.s.i.

Initial Flow Pres. 295 350 p.s.i.

Final Flow Pres. 615 876 p.s.i.

Closed in Pres. 1860 Initial 1896

Final Hydro Mud Pressure 2840 2893 p.s.i.

Amount of Cushion 35' All depths measured from Rotary Bushing

No. Folders Reproduced 5

PRESSURE

Top Recorder

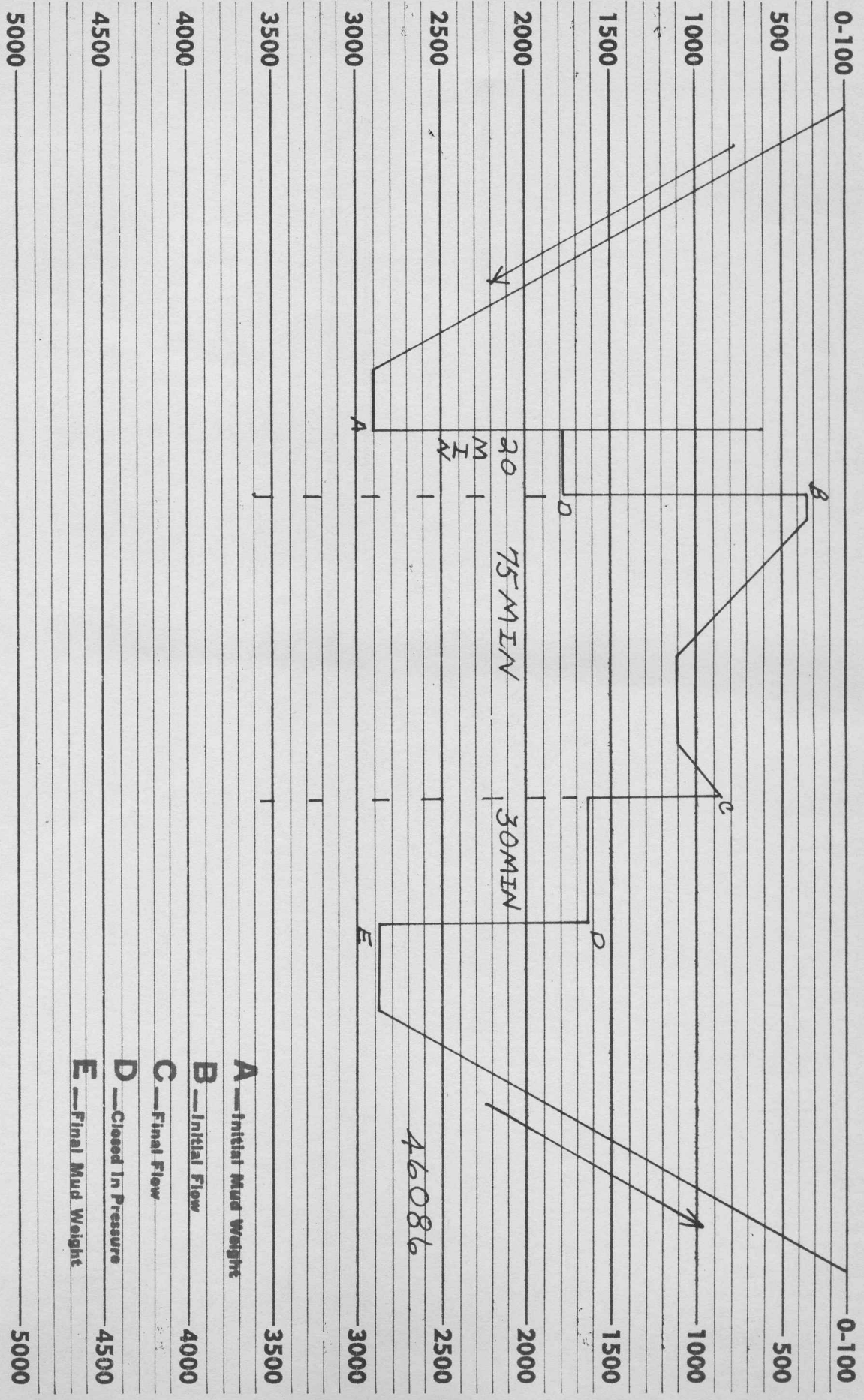
TIME



Each Horizontal Line Equal to 1000 p.s.i.

Bottom Recorder

TIME



PRESSURE

HOWCO—LITTLE 5 51255 2M 10-56

Each Horizontal Line Equal to 1000 p.s.i.

Company GULF OIL CORPORATION

Date 12-15-56

Lease COLLINGWOOD

Well No. 2

Ticket No. 46086

Test No. 1

	Time	PSI
Initial Hydro Mud Pressure		2893
Initial Closed In Pressure	20 Minutes	1896
Initial Flow		350
Final Flow	75 Minutes	876
Final Closed In Pressure	30 Minutes	1722
Final Hydro Mud Pressure		2893

Total Depth 5720'

Packer Depth 5689'

BT No. 231 Depth 5709'

12 Hr. Clock No. 1560

Temperature Corrected to Actual 126° F.

	Initial CIP			Flow Pressure			Final CIP		
	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.
P0	.000	.218	552	.000	.138	350	.000	.349	876
P1	.010	.768	1894	.141	.231	584	.0225	.622	1541
P2	.020	.769	1896	.282	.353	886	.045	.669	1655
P3	.030	.769	1896	.423	.439	1097	.0675	.681	1684
P4	.040	.769	1896	.564	.443	1107	.090	.688	1700
P5	.050	.769	1896	.705	.349	876	.1125	.692	1710
P6	.060	.769	1896				.135	.693	1713
P7	.070	.769	1896				.1575	.694	1715
P8	.080	.769	1896				.180	.694	1715
P9	.090	.769	1896				.2025	.696	1720
P10	.100	.769	1896				.225	.697	1722
	2 Minute Intervals			15 Minute Intervals			3 Minute Intervals		

Remarks:

NW NW 1-335-30

OPEN HOLE TEST

JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

OPEN HOLE TEST NO. #3 WELL: Colling Wood #2 DATE 12-18-56
FIELD Pland COUNTY Meade STATE Kansas

COMPANY Gulf Oil Corporation
ADDRESS Box 2233, Wichita, Kansas
TEST APPROVED BY T. Terrel
JOHNSTON OPERATOR G. M. Speiser TICKET NO. 16219 N

GENERAL TEST DATA

TYPE TEST <u>Straddle</u>		TOTAL DEPTH <u>5855'</u>
1. Test Interval: <u>5758'</u> To <u>5810'</u>	7. Fluid Cushion: Type _____ Amount _____	
2. Tool Open _____ Hrs. <u>30</u> Min	8. Air Chamber Amount _____ Size: _____	
3. Initial Shut In _____ Hrs. <u>20</u> Min	9. Did Packer(s) Hold? <u>Yes</u>	
4. Final Shut In _____ Hrs. <u>30</u> Min	10. Did Tool Plug? _____ Where? _____	
5. Choke: Top <u>5/8"</u> Bottom <u>3/4"</u>	11. Was Test Reversed Out? _____	
6. Fluid Recovery <u>30'</u> Total, _____ <u>30'</u> mud _____		

REMARKS:

SURFACE INFORMATION

1. Blow: Very weak blow died 9 minutes.

2. Maximum Surface Pressure _____ Did Well Flow? No

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke
			<u>5/8"</u>

MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type _____, Weight 8.6 Viscosity 64

HOLE: Main Hole Size 7 7/8" Drill Pipe Size 4 1/2 F.H.

Rat Hole Size _____

JOHNSTON TOOLS:

1. Packer(s): Type B.T. O.D. 6 5/8 Type B.T. O.D. 6 5/8
Set At 5788' Set At 5810'

2. Extra Equipment: Johnston jars

Number of Copies Requested: 4

