

CONFIDENTIAL

Well Name	COD STRUCTURE	Test No.	6
Well Number	7-11-3	Zone Tested	
Company	Phillips Petroleum Co. Norway	Interval	Perforated from 10158 - 10203
Comp. Rep.	J.K.Fetters	Tester	B.J.Flahr
		Date	December 27, 1968.

ID/OLJE

00197 -- 1.2.69

SAKSB:
ARKIV:





CONFIDENTIAL

TESTING REPORT

DRILL-STEM TEST DATA

Well Name	COD STRUCTURE	Test No.	6
Well Number	7-11-3	Zone Tested	
Company	Phillips Petroleum Co. Norway	Interval	Perforated from 10158 - 10203
Comp. Rep.	J.K.Fetters	Tester	B.J.Flahr
		Date	December 27, 1968.

Type of Test Casing Hook Wall RFS Tool No. _____

Preflow 15 mins. ISI 148 mins. Flow 225 mins. FSI 150 mins.

Specify Inside or Outside	Ins. REC. No. 2760	Outs REC. No. 2761	REC. No. _____
	10650 RANGE 72 HR. CLOCK	10700 RANGE 72 HR. CLOCK	RANGE _____ HR. CLOCK
DEPTH	10135	10141	
Initial Hydro Mud Press		6601	
Initial Shut-In Press		5499	
Initial Flow Press	Clock failure	4027	
Final Flow Press		4478	
Final Shut-In Press		5322	
Final Hydro Mud Press		6601	

Mud Drop _____ Fluid Loss _____ Mud Weight 12.1
Viscosity 44 Temperature °F 255 Net Pay Tested 45
Top Packer Depth 10093 Bottom Packer Depth _____ Total Depth 10208
Drill Pipe Size 3 1/2" EUE Wt. 9.3 Drill Collar I.D. _____ Ft. Run _____
Surface Choke Size 1" Bottom Choke Size 2 3/8" Main Hole Size 7" (29# casing)
Anchor Size 4 3/4" + 3 1/2" OD Rat Hole Size _____ Feet of Rat Hole _____
Cushion Amount 10106 Type 6.9# Diesel Rubber Size 5 3/4"
Fuel

Fluid Recovery Total Feet _____
Recovered 88 Bbls ~~68%~~ of Diesel Fuel cushion
Recovered 144 Bbls ~~68%~~ of Formation water
Recovered _____ Feet of _____
Recovered _____ Feet of _____
Recovered _____ Feet of _____

Gas Recovery How Measured _____ Riser size: _____
____ mins. _____ Temp. °F Press Rdg. _____ psi Orifice Size _____ = _____ MCF/Day
____ mins. _____ Temp. °F Press Rdg. _____ psi Orifice Size _____ = _____ MCF/Day
____ mins. _____ Temp. °F Press Rdg. _____ psi Orifice Size _____ = _____ MCF/Day
____ mins. _____ Temp. °F Press Rdg. _____ psi Orifice Size _____ = _____ MCF/Day
____ mins. _____ Temp. °F Press Rdg. _____ psi Orifice Size _____ = _____ MCF/Day
____ mins. _____ Temp. °F Press Rdg. _____ psi Orifice Size _____ = _____ MCF/Day

Bleed Off Time for Drill Pipe _____

REMARKS: I.F. Well flowed at a rate of 1 Bbl/min. - second flow initial rate 2 Bbls/min - gradually decreasing to 1/3 of a Bbl/min. as diesel cushion recovered - flowing rate then decreased from 1/3 - 1/4 Bbl/min. for the remaining 56 Bbls.

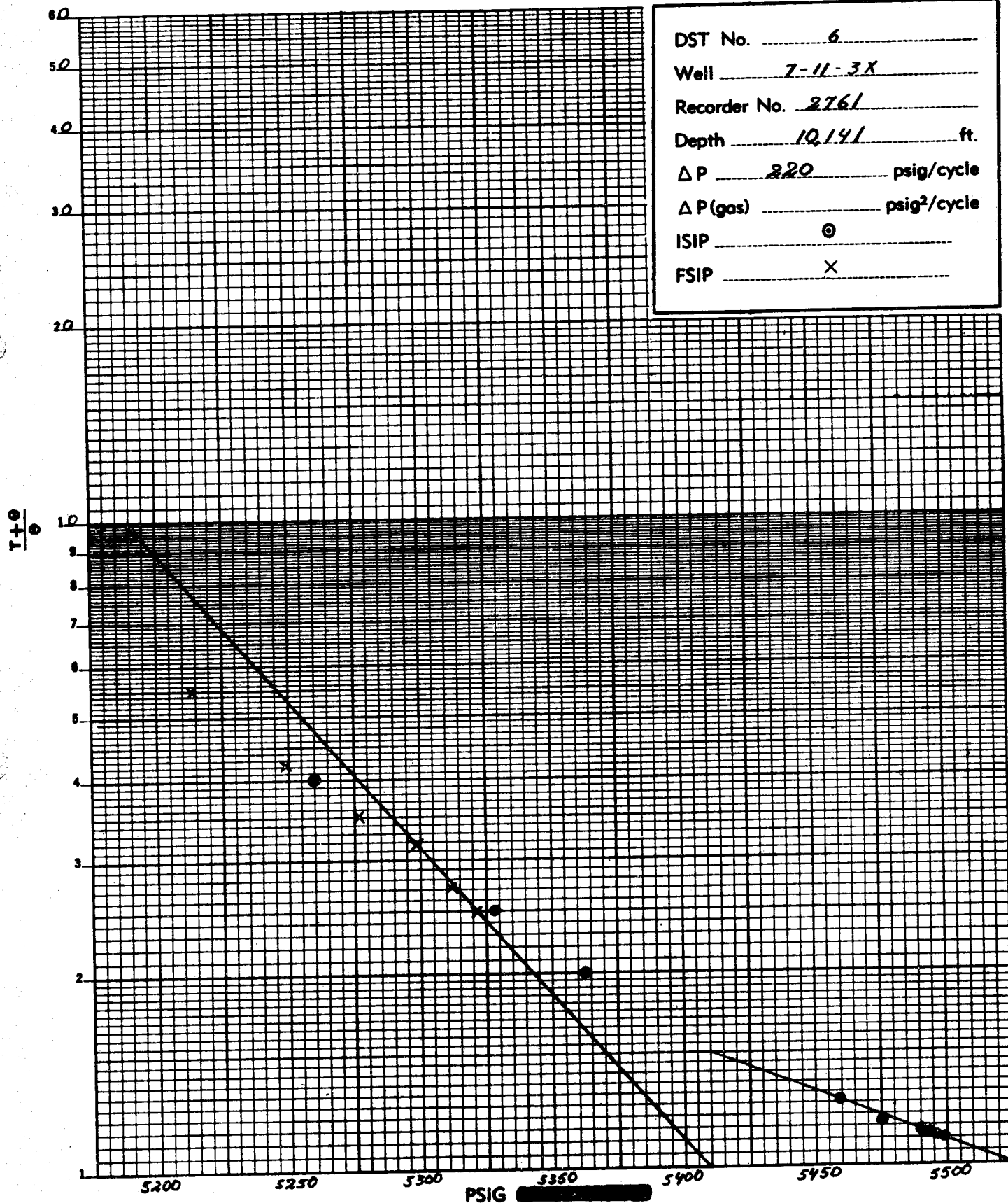
Well shut-in and reversed out 88 Bbls total.
Core Lab Gas Cont. No. _____ Chem - Geo. Lab Gas Cont. No. _____

Test #7

Baker Test Tree	4.50
Hydril Valve	2.00
C.O. Sub	1.50
3½" EUE Tubing	31.00
3½" EUE Tubing	4.00
3½" EUE Tubing	279.00
3½" EUE tubing	2.00
C.O. Sub	.90
Otis Test Tree	24.25
3½" EUE Tubing	9758.06
C.O. Sub	.90
Baker Packer (Depth 10093.96)	6.40
C.O. Sub	.78
3½" EUE Perforation Tubing	31.25
C.O. Sub	1.85
Recorder Hanger	1.00
Recorder case	4.00
Hanger	1.00
Perforation	1.00
Recorder Case	4.00
Bullnose (Depth 10147.74)	2.50



TESTING REPORT



5 mins. **DST PRESSURE INCREMENTS** of Preflow.

A-B

Recorder No. 2761

Depth 10141

A

B

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG	Time Defl. "	T+0	$\frac{T+0}{0}$	PSIG
1	0			3798				
2	5			3855				
3	10			3891				
4	15			3929				
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

C

5 mins. **DST PRESSURE INCREMENTS** Initial shut-in

B-C

Recorder No. 2761

Depth 10141

B

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	0			3929	120			5492
2	5			5260	125			5492
3	10			5328	130			5494
4	15			5366	135			5494
5	20			5385	140			5497
6	25			5402	145			5497
7	30			5415	^C 148			5499
8	35			5429				
9	40			5437				
10	45			5442				
11	50			5448				
12	55			5453				
13	60			5459				
14	65			5464				
15	70			5467				
16	75			5470				
17	80			5470				
18	85			5472				
19	90			5475				
20	95			5478				
21	100			5481				
22	105			5483				
23	110			5486				
24	115			5489				

C



5 mins. **DST PRESSURE INCREMENTS** of bleed off and coil relaxing time.

Recorder No. 2761

Depth 10141

C-D

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG
1	0			5499				
2	5			4342				
3	10			4027				
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

5 mins. **DST PRESSURE INCREMENTS** Final Shut-In

E-F

Recorder No. 2761

Depth 10141

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + θ	$\frac{T + \theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T + \theta}{\theta}$	PSIG
1	0			4478	120			5307
2	5			4999	125			5309
3	10			5059	130			5312
4	15			5091	135			5315
5	20			5124	140			5318
6	25			5146	145			5320
7	30			5165	F 150			5322
8	35			5178				
9	40			5192				
10	45			5203				
11	50			5214				
12	55			5225				
13	60			5233				
14	65			5241				
15	70			5249				
16	75			5258				
17	80			5263				
18	85			5271				
19	90			5276				
20	95			5282				
21	100			5287				
22	105			5293				
23	110			5298				
24	115			5304				

5 mins. **DST PRESSURE INCREMENTS** of flowing time

D-E

Recorder No. 2761

Depth 10141

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + θ	$\frac{T + \theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T + \theta}{\theta}$	PSIG
1	0			4027	D-1 120			4616
2	5			4041	125			4592
3	10			4070	130			4568
4	15			4106	135			4535
5	20			4141	140			4529
6	25			4174	145			4521
7	30			4206	150			4513
8	35			4233	155			4510
9	40			4263	160			4505
10	45			4293	165			4499
11	50			4320	170			4496
12	55			4345	175			4496
13	60			4369	180			4494
14	65			4391	185			4491
15	70			4418	190			4489
16	75			4440	195			4486
17	80			4461	200			4483
18	85			4481	205			4483
19	90			4499	210			4480
20	95			4518	215			4480
21	100			4540	220			4478
22	105			4559	E 225			4478
23	110			4578				
24	115			4597				

Cod Structure 7-11-3
Ins.Rec. #2760 Test #6

Cod Structure 7-11-3
Outs.Rec. #2761 Test #6

