HOEG & AMES, Inc. LINCOLN, IOWA

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job CRESCO JORDAN WELL Date Tested JUNE 8-1965

Location CRESCO IA Tested by HOEG & AMES

Diameter of Well 14" & 12" Pump Used TURBINE

Depth of Well 1145 Driver DIESEL

Length of Airline ELECTRIC Col. & Shaft 406'-5"

Static W. L. 331.5 Bowls 12"

Orifice Size 8" PIPE 6" ORFICE Mfgr. JACUZZI

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
9:15 AM				331.5		STARTED PUMP
9:20	15"	618	346.	"	15.5	VERY DIRTY
9:30	15"	618	347.5	"	16.0	
9:45	14.5"	609	348.1	"	16.6	
10:00	14"	599	348.5	"	17.0	WATER DIRTY
10:30	14"	599	349.2	"	17.7	SHOT 40# DYNAMITE
11:00	13.5"	589	349.8	"	18.3	
11:30	13.5	589	350.1	"	18.6	WATER CLEARING
12:00	13.5"	589	350.3	"	18.8	
12:30	13"	578	350.5	"	19.0	
1:00 PM.	13"	578	350.6	"	19.1	
1.30	13"	578	350.8	"	19.3	
2:00	13"	578	350.9	"	19.4	
2:30	12½"	567	351.0	"	19.5	
3:00	12½	567	351.1	"	19.6	
3:30	12½	567	351.1	"	19.6	
4:00	12½	567	351.1	"	19.6	

HOEG & AMES, Inc. LINCOLN, IOWA

Sheet No. 2

WELL PRODUCTION TEST DATA SHEET

Job Cresco Jordan Well — Date Tested 6-8-65

Location Cresco Iowa — Tested by Hoeg & Ames

Diameter of Well 14" + 12" — Pump Used Turbine

Depth of Well 1145' — Driver Diesel

Length of Airline Electric — Col. & Shaft 406 5"

Static W. L. 331.5 — Bowls 12"

Orifice Size 8" Pipe 4" Orifice — Mfgr. Jacuzzi

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
4:30	12	556	351.2	331.5	19.7	
5:00	12	556	351.3	"	19.8	
5:05	34"	907	361.5	"	30.0	Changed Speed
5:15	34½	913	363.4	"	31.9	More SAND Cloudy
5:30	34	907	364.0	"	32.5	Sandy
5:45	33½	901	364.3	"	32.8	"
6:00	33	895	364.4	"	32.9	"
6:30	33"	895	365.0	"	33.5	
7:00	33	895	365.3	"	33.8	
7:30	33"	895	365.6	"	34.1	DYNAMITE ODOR
8:00	33"	895	365.8	"	34.3	
8:30	33"	895	366.0	"	34.5	
9:00	33"	895	366.4	"	34.9	
9:30	33"	895	366.4	"	34.9	
10:00	33"	895	366.5	"	35.0	
10:30	33"	895	366.9	"	35.3	
11:00	33"	895	366.8	"	35.3	

HOEG & AMES, Inc. LINCOLN, IOWA

Sheet No. 3

WELL PRODUCTION TEST DATA SHEET

Job CRESCO JORDAN WELL Date Tested JUNE 9-1965

Location CRESCO Tested by HOEG & AMES

Diameter of Well 14" & 12" Pump Used TURBINE

Depth of Well 1145 Driver DIESEL

Length of Airline ELECTRIC Col. & Shaft 406'-5"

Static W. L. 331.5 Bowls 12"

Orifice Size 8" PIPE 6" ORFICE Mfgr. JACUZZI

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
11:30	33"	895	367.0	331.5	35.5	WATER CLEARING
12:00	33"	895	367.2		35.7	
12:30	33"	895	367.3		35.8	
1:00 AM	33"	895	367.4		35.9	
1:30	33"	895	367.4		35.9	
2:00	33"	895	367.5		36.0	
2:30	33"	895	367.7		36.2	
3:00	33"	895	367.6		36.1	
3:30	33"	895	367.7		36.2	
4:00	33"	895	367.8		36.3	
4:30	33"	895	367.8		36.2	
5:00	33"	895	367.8		36.2	WATER CLEAR
5:30	33"	895	367.8		36.2	
6:00	33"	895	367.9		36.4	INCREASED RATE
6:15	42"	1000	371.5		40.0	SOME SAND
6:30	42"	1000	371.8		40.3	" "
7:00	42"	1000	372.0		40.5	" "

HOEG & AMES, Inc. LINCOLN, IOWA

Sheet No. 4

WELL PRODUCTION TEST DATA SHEET

Job Cresco Jordan Well — Date Tested June 9-65

Location Cresco — Tested by H. E. Ames

Diameter of Well 14+12 — Pump Used Turbine

Depth of Well 1145' — Driver Diesel

Length of Airline Electric — Col. & Shaft 40 & 5'

Static W. L. 331.5' — Bowls 12"

Orifice Size 8" pipe 6" ORFice — Mfgr. JACUZZI

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
8:00	42½"	1007	372.5	331.5	41.0	Some SAND
9.00	42"	1000	372.6	"	41.1	WATER clearing
10.00	41"	990	372.6	"	41.1	" "
11:00	41"	990	372.6	"	41.1	" "
12:00 Noon	40½"	985	372.5	"	41.0	
1:00	40½"	985	372.6	"	41.1	Clear. little SAND
1:40	40½	985	372.6	"	41.1	
1:43	29"	844	369.3	"	37.8	Slowed speed
1:53	28½	838	368.3	"	36.8	TRACE OF SAND
1:57	15"	618	362.6	"	31.1	Slowed speed + Throttled disch. valve
2:00	15"	618	361.4	"	29.9	
2:15	15"	618	360.4	"	28.9	
2:30	15"	618	359.9	"	28.4	
2:45	15"	618	359.4	"	27.9	
3:00	15"	618	359.2	"	27.7	
3:30	15"	618	358.7	"	27.2	CLEAR
3:37	10'	508	356.4	"	24.9	Slowed speed

HOEG & AMES, Inc. LINCOLN, IOWA

Sheet No. 5

WELL PRODUCTION TEST DATA SHEET

Job Cresco Jordan Well Date Tested June 9, 1965

Location Cresco Tested by Hoeg + Ames, Inc

Diameter of Well 14 + 12 Pump Used Turbine

Depth of Well 1145 Driver Diesel

Length of Airline Electric Col. & Shaft 406.5

Static W. L. 331.5 Bowls 12"

Orifice Size 8" pipe 6" orifice Mfgr. Jacuzzi

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
3:45	10.5"	521	355.9	331.5	24.4	CLEAR
4:00	10.5"	521	355.4	331.5	23.9	CLEAR
4:15	10.5"	521	355.0	331.5	23.5	"
4:15	STOPPED		PUMP			
4:16			348.0			
4:18			344.0			
4:20			343.5			375 331 44
4:22			343.0			
4:27			342.5			
4:30			342.3			
4:32			342.1			
4:34			342.0			