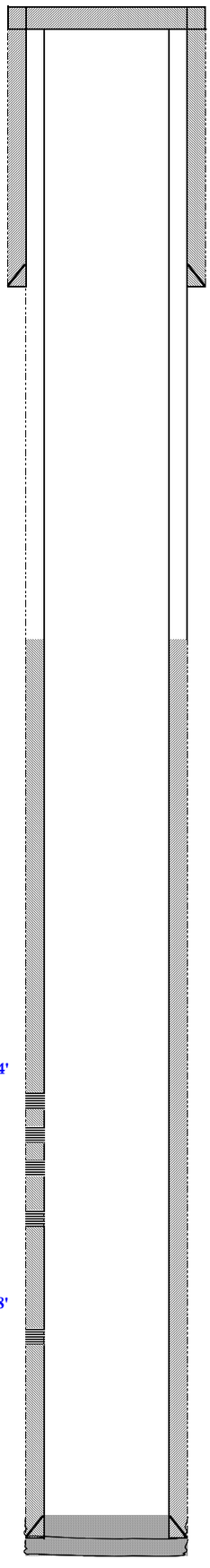
OPERATOR:	Peterson Energy Operating, Inc.	**CNTY:**	Weld	**FTG:**	660 FNL and 660 FWL	**IP GAS:**	200
WELL:	Rasmussen #4A	**STATE:**	CO	**Q-Q:**	NWNW	**IP OIL:**	70
FIELD:	Spindle - #77900	**ROTARY SPUD:**	7-Dec-77	**SEC.:**	28	**IP WTR:**	18
API #	05-123-09239	**COMP:**	11-Jan-78	**TWS:**	T2N	**CUM GAS:**	
LEASE #:	Loc ID: 318515	**STATUS:**	SI	**RGE:**	R68W	**CUM OIL:**	
UIC #:	-	**WBD DATE:**	3-Apr-19	**BY:**	RJD	**CUM WTR:**	
BASIN:	Denver - Julesburg	**LAT/LONG:**	40.11506/-105.015111			**LAST PROD:**	

CURRENT WELLBORE DIAGRAM

KBE: 4915.0 '
KB: 7.0 '
GLE: 4908.0 '

TD (ft): 4960 '
PBTD (ft): 4928 '



8 5/8" 24# Csg @ 597 '
w/ 425 sxs

CALC TOC @ 4018 '

Top Rocky Ridge @ 3840 '

Top Sussex @ 4190 '

Top Sussex Sand @ 4372'-4464'

Sussex 4380'-4390'

Sussex 4394'-4398'

Sussex 4403'-4409'

Sussex 4416'-4426'

Top Shannon @ 4834'-4858'

Shannon 4836'-4852'

ORIG PBTD @ 4928 '
4 1/2" 10.5#Csg @ 4959 '
Cmtd w/ 270 sxs
TD @ 4960 '
7 7/8" Hole

CASING HEAD: Unknown
WELLHEAD: Unknown
CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)	JTS
12 1/4	8 5/8	24		0	597	
7 7/8	4 1/2	10.5		0	4959	

Float Collar @

TUBING RECORD COND: DATE:

SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	TALLY (ft)	JTS	
						est

ITEM	DESC	SIZE (in)	TALLY (ft)	JTS
K.B.				
HANGER				
TBG				
SN				
Notch Collar				
EOT @			0.00	

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	DATE SHOT	STATUS	STIM
Sussex	4380	4390	2	Sep-79	Open	See Below
Sussex	4394	4398	2	Sep-79	Open	
Sussex	4403	4409	2	Sep-79	Open	
Sussex	4416	4426	2	Sep-79	Open	
Shannon	4836	4852	4	Jan-78	Open	62500 gal gel water
						w/130,000# 20/40 Sand
						& 5000# 10/20 Sand
						@25 bpm @ 1000 psi, ISIP 700 psi

WELLWORK HISTORY

5 & 16.5, N1/4, E1/8, N into

SUSSEX TREATMENT/STIMULATION - BETWEEN STAGES: BREAKDOWN PRESS 2,000 PSI, AVG. TREATING PRESSURE 800 PSI @ 6 BPM, ISIP 300 PSI. GEL WATER FRAC W/ 138,000 GALS, 224,000# SAND @ 25 BPM @ 1000 PSI, ISIP 600 PSI