

МЕАНДР



АКТАУ

Қазақстан 130000 Ақтау, Маңғыстау облысы. 15 / 26А ықш
р/с KZ986017231000000931 в «Қазақстан Халық Банкі» АҚ
БИН 091140006615, БИК HSBKKZKX тел: +7 7772456935

РК 130000 г.Ақтау, Мангистауская обл. мкр 15/26А
р/с KZ986017231000000931 в АО «Народный банк Казахстана»
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Questionnaire

for the calculation and selection of reinforced polymer steel pipes (umbilicals) instead of steel tubing, as well as heating cables and heat-insulated pipelines with heating.

Customer name							
Field name							
Well number							
Well production lifting method	SRP	ESSP	ECP	STRN	ESDP	Fountain	Gas lift
Well operation mode	continuous			periodic			

Initial data for calculations

№	Name	Unit measurements	The quantity	Note
1.	Current bottomhole (depth along the wellbore)	M		
2.	Vertical face	M		
3.	Production casing diameter	MM		
4.	Production string wall thickness	MM		
5.	Distance to top perforation holes (along the trunk)	M		
6.	Diameter of the applied tubing	MM		
7.	Tubing hanger length	M		
8.	Rebar type			Scheme, construction
9.	Produced fluid density	kg/m ³		
10.	Produced fluid viscosity	sP		
11.	Produced fluid flow rate, incl.			
12.	Oil production rate	t/ day		
13.	Condensate flow rate	m ³ / day		
14.	Produced water flow rate	m ³ / day		
15.	Gas flow rate	thousand m ³		
16.	Wellhead pressure in a shut-in well	MPa		
17.	Downhole pressure in a shut-in well	MPa		
18.	Bottom hole temperature in a shut-in well	°C		
19.	Wellhead pressure in a working well	MPa		
20.	Bottom hole pressure in a working well	MPa		
21.	Wellhead temperature in a working well	°C		
22.	Bottom hole temperature in a working well	°C		
23.	Hydrogen sulfide	%		
24.	CO2	%		
25.	Salt	mlg / liter		
26.	Paraffin	%		
27.	Asphaltenes	%		
28.	Resin	%		
29.	Paraffin formation temperature	°C		
30.	Hydrate formation temperature	°C		

Additional data on previously used equipment or equipment that you plan to use

1	Installation bran ECP	
2	Engine power, kW	
3	Supply voltage, _V / _Hz	
4	Standard size of oil submersible cable	



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Additional data for the selection of the flow line				
1.	Flow line length	M		
2.	Density of the pumped liquid	kg/m ³		
3.	Viscosity of the pumped liquid	sP		
4.	Liquid composition			Gas, oil, formation water, condensate
5.	The flow rate of the pumped liquid, incl.			
6.	Oil consumption	т/ day		
7.	Condensate consumption	т/ day		
8.	Produced water consumption	т/ day		
9.	Gas consumption	thousand m ³		
10.	Pressure at the beginning of the pipeline	MPa		
11.	End pressure	MPa		
12.	Temperature at the beginning of the pipeline	°C		
13.	Temperature at the end of the pipeline	°C		
14.	Minimum air temperature in winter	°C		

SRP - sucker rod pump; ESSP - electric submersible screw pump; ESCP - electric submersible centrifugal pump; STRN - jet pump; ESDP- electric submersible diaphragm pump.

Information prepared by:

Full Name: _____

Position: _____

P.P. _____ **Signature of the head of the enterprise (department)**

_____ **Decoding name**

