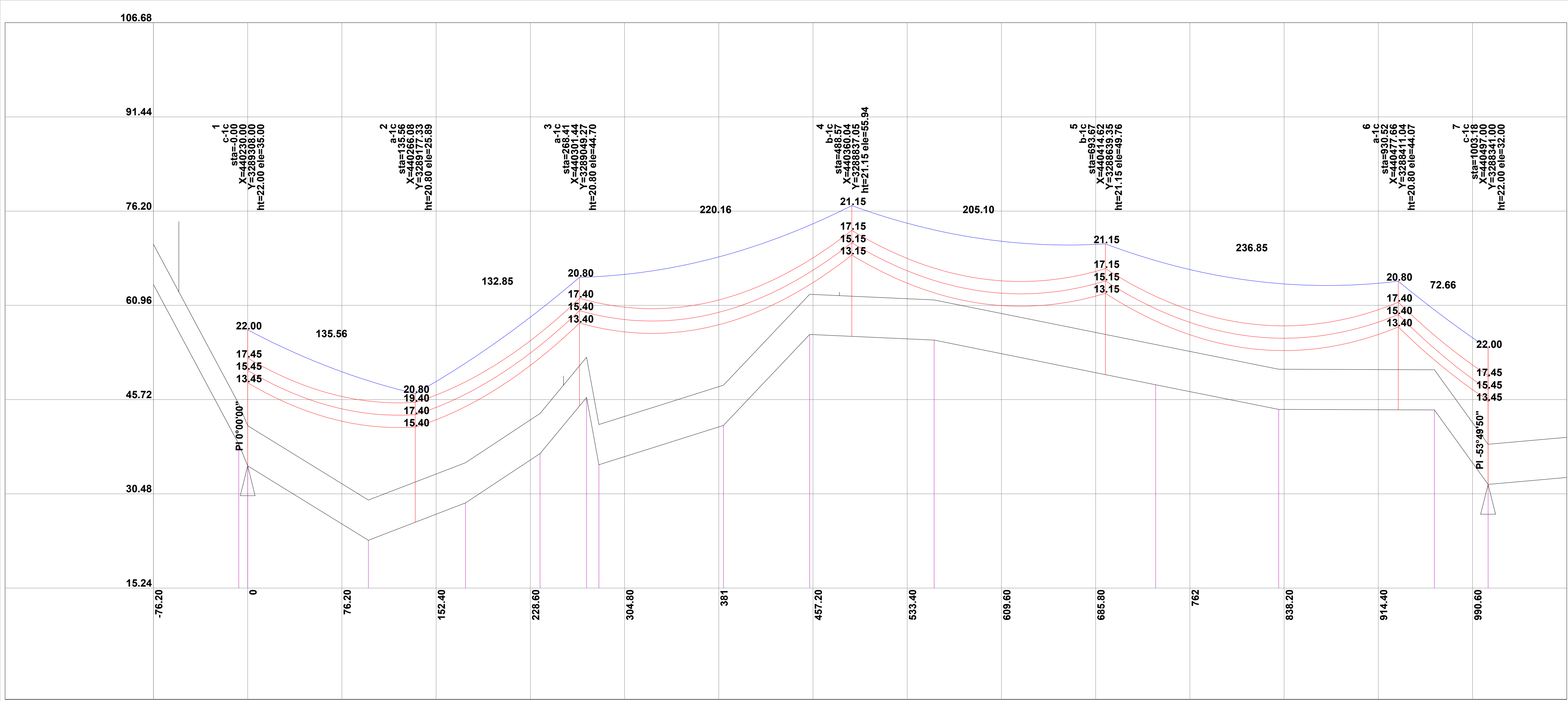
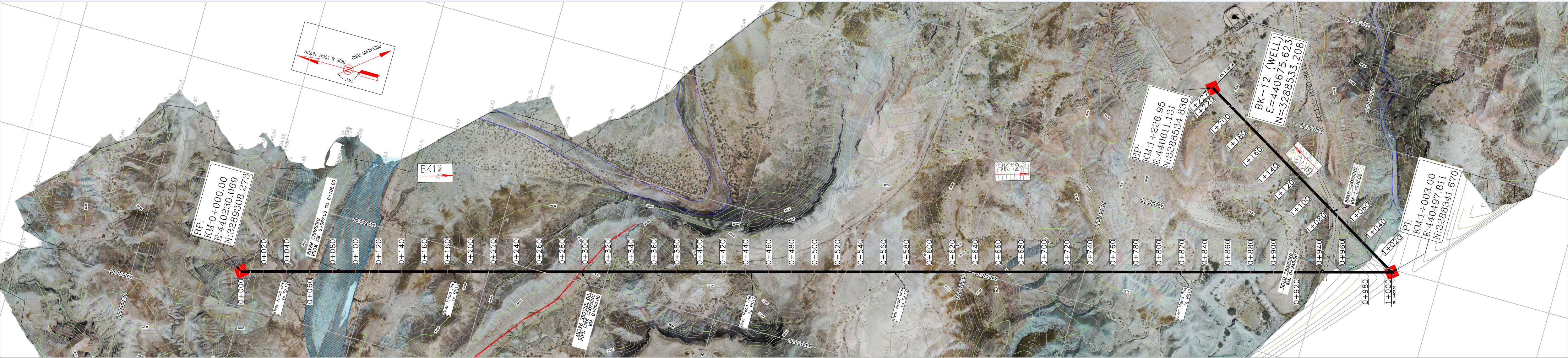




Crossing List					Coordinate of Bench Marks (UTM)				COORDINATES OF INTERSECTION POINTS (UTM)														
Item	Description	Start (KM)	End (KM)	Reference Sheet & Note	Points	Northing (m)	Easting (m)	Elevation (m)	Station	Northing (m)	Easting (m)	Station	Northing (m)	Easting (m)	Station	Northing (m)	Easting (m)	Station	Northing (m)	Easting (m)	Station	Northing (m)	Easting (m)
1	RIVER CROSSING	0+067.0	0+108.0						0+000.00	328938.77	440250.07	0+480.00	3288845.69	440358.20	0+560.00	3288582.11	440486.33	0+620.00	3288789.00	440255.41	0+500.00	3288826.42	440363.54
2	PL CROSSING	0+296.00		ABOVE GROUND OIL PIPE LINE					0+040.00	3289269.72	440240.75	0+520.00	3288807.14	440368.88	1+000.00	3288344.56	440497.01	0+060.00	3289250.45	440246.09	0+540.00	3288787.87	440374.72
3	ROAD CROSSING	0+945.50							0+080.00	3289221.18	440251.42	0+560.00	3288768.59	440379.56	1+040.00	3288372.59	440516.53	0+100.00	3289211.90	440256.76	0+580.00	3288749.22	440384.40
4	ROAD CROSSING	1+076.00							0+120.00	3289192.63	440262.10	0+600.00	3288730.05	440390.23	1+080.00	3288408.09	440536.77	0+140.00	3289173.35	440267.44	0+620.00	3288710.77	440395.57
5									0+160.00	3289154.08	440272.78	0+640.00	3288691.50	440400.91	1+120.00	3288442.59	440557.01	0+180.00	3289134.81	440278.12	0+660.00	3288672.22	440406.25
6									0+200.00	3289115.53	440283.46	0+680.00	3288652.95	440411.39	1+160.00	3288477.09	440577.25	0+220.00	3289096.36	440288.80	0+700.00	3288633.67	440416.93
7									0+240.00	3289076.98	440294.14	0+720.00	3288614.40	440422.27	1+200.00	3288511.59	440697.49	0+260.00	3289057.71	440299.47	0+740.00	3288595.13	440427.61
									0+280.00	3289038.43	440304.81	0+760.00	3288575.85	440432.94	1+240.00	3288528.84	440607.61	0+300.00	3289019.16	440310.15	0+780.00	3288556.58	440438.28
									0+320.00	3288999.89	440315.49	0+800.00	3288537.50	440443.62	0+340.00	3288989.61	440320.83	0+820.00	3288980.61	440325.83	0+840.00	3288518.63	440448.96
									0+360.00	3288961.34	440326.17	0+860.00	3288498.75	440454.30	0+380.00	3288942.06	440331.51	0+880.00	3288937.48	440459.64	0+900.00	3288479.48	440464.98
									0+400.00	3288922.79	440336.85	0+920.00	3288460.21	440470.32	0+420.00	3288903.51	440342.18	0+940.00	3288840.93	440475.65	0+960.00	3288431.66	440480.99
									0+440.00	3288884.24	440347.52	0+980.00	3288421.66	440485.65	0+460.00	3288864.97	440352.86	0+990.00	3288402.38	440488.99			

 TOTALLY REVISD

1- ALL COORDINATES AND ELEVATIONS ARE IN METER.

2- ALL DRAWINGS SHALL BE CHECKED BY CONTRACTOR WITH RELATIVE DRAWINGS BEFORE CONSTRUCTION.

3- GEODETIC PARAMETERS FOR COORDINATES ARE AS BELOW:
HORIZONTAL COORDINATE SYSTEM: WGS84/UTM ZONE 39
ELLIPSOID : WORLD GEODETIC SYSTEM 1984 (WGS84)
MAP PROJECTION: UNIVERSAL TRANSVERSE MERCATOR (UTM)
VERTICAL DATUM: MEAN SEA LEVEL

ABBREVIATIONS

N.G.L.=Natural Ground Level
B.O.P.L.=Bottom of Pipe Level
R.O.W.L.=Right of Way Level
P.C.=Pipe Line Crossing
OF=Optical Fiber
BP=Beginning of Plan
EP=End of Plan

AR=Asphalt Road
GR=Gravel Road
PLC=Pipe Line Corridor
PL=Pipe Line
CH=Channel
BPI=Point of Intersection

LEGEND

Existing GRAVEL ROAD

New GRAVEL ROAD

ASPHALT ROAD

STAIR

TRENCH

EMBANKMENT

BURNING PIT LINE

WATER LINE

BUILDING

CONCRETE AREA

SEPTIC

MANHOLE

POLE

HELIPAD

CHANNEL

RIVER

WATER COURSE

CONTOURS

SPOT HEIGHT

TRIG POINT

CULVERT

WELL LOCATION

WELL

SITE

CAMP SITE

Existing OIL Pipe Line

New OIL Pipe Line

GAS PIPE LINE (UG)

REFERENCE DRAWING

DRG. No.

KEY PLAN

REV.

DESCRIPTION

BY

DATE

CHECKED

REV.

APPR.

PROJECT NAME:

BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES
BK12 WHF MODIFICATIONS

PROJECT NO.:

971020

EPC CONTRACTOR:

HIRGAN ENERGY

EPD/EPIC CONTRACTOR (GC):

PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE:

Over Head Line Plan and Profile - BK12

SCALE

SIZE

DRAWING NO.

SHEET NO.

REV.

H=1:1000
V=1:200

A1

BK-BK12-PEDCO-110-SU-DW-0001

01 OF 01

D01

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DATE

SCALE

DRAWING BY

CHECKED BY

PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION

BY:

DATE:

BUDGET REF.

LOCATION

SIZE

CLASS

SERIAL NO.

SHEET

REVISION

053-073-9184

F

4

A

708310

01 OF 01

D01