GROUP POISK

СЕВАСТОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

RSS-NMR SEVSU Poisk

POISK topary

Önü mçilikde ý etişen meý danlarda gaý tadan gözleg

Mysal taslamalary

Mysal üçin I. Russiýa. Önümçilik meýdany

Okuwyň maksady

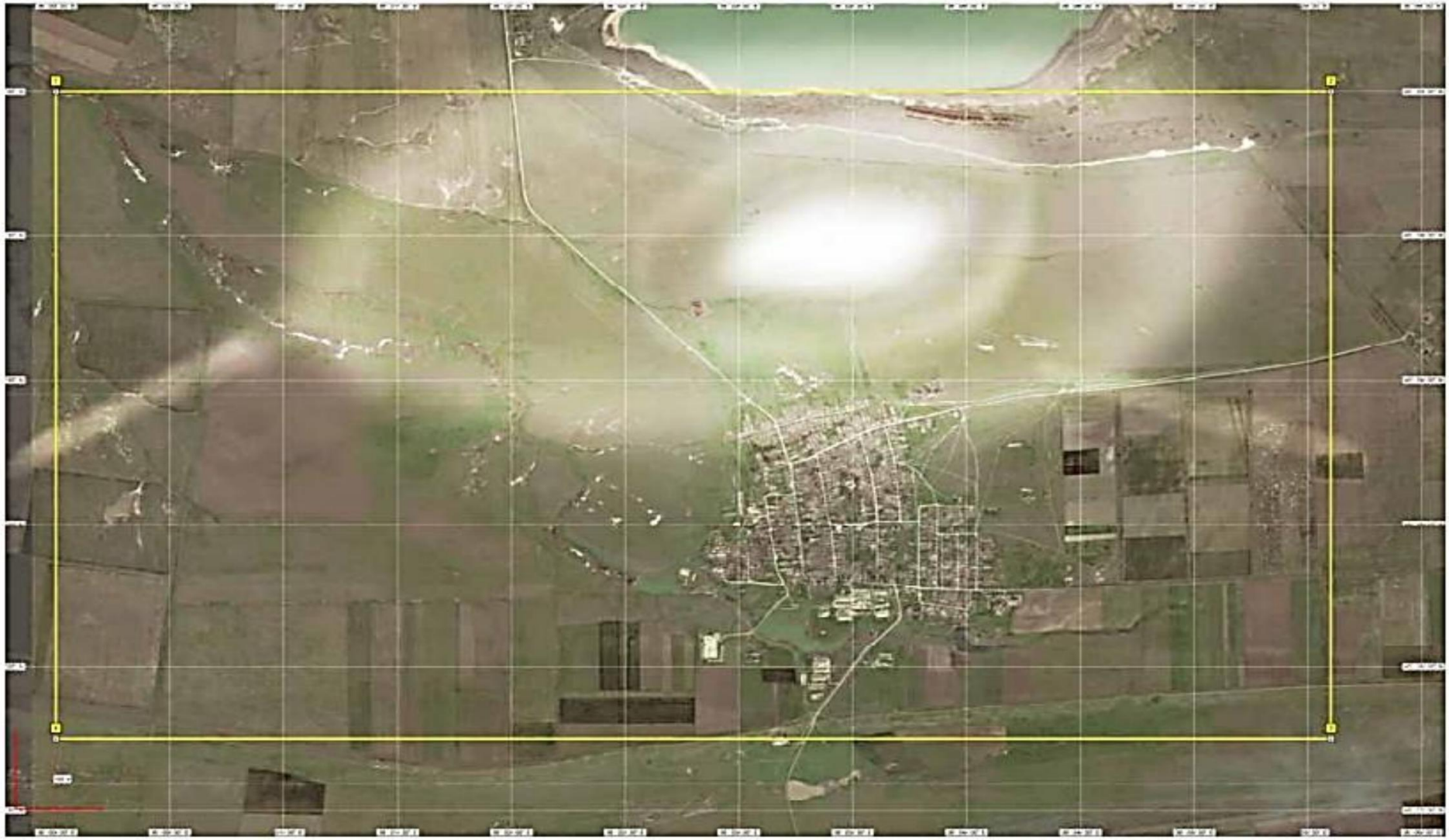
Gaz kondensaty önümçilik meýdanynda burawlanmadyk ýa-da açylan ýataklar bilen baglanyşykly uglewodorod anomaliýalaryny kesgitlemek we kesgitlemek

1) Hemra maglumatlaryny (Iädim) gaýtadan işlemek we ýerüsti enjamlary subut edýän ykjam rezonans ulanyp, anomal ýerleri jikme-jik gözden geçirmek arkaly gözleg meýdanyndaky uglewodorod anomaliýalaryny kesgitläň (IIädim);
2) Uglewodorod suw howdanlarynyň çuňlugyny anomaliýalarda ölçäň
3) uglewodorod suw howdanlarynyň galyňlygyna baha beriň;
4) Gaz emele gelişiniň gözenekli böleginiň ortaça galyňlygyny we her gorizontda gaz basyşyny bahalandyryň;
5) uglewodorod ugry boýunça gaz geçiriji gaýalaryň üsti bilen kartalaşdyrmak;

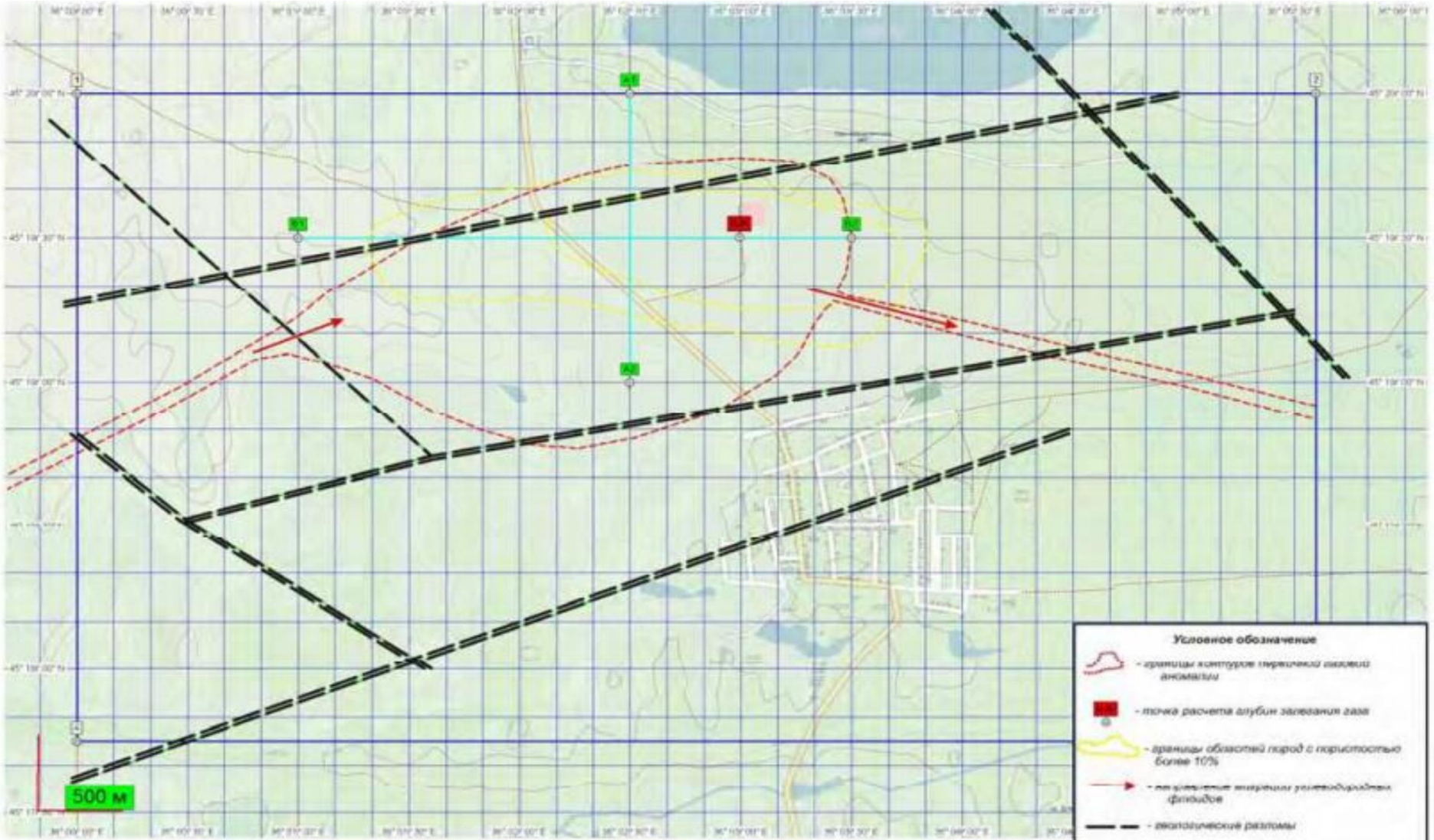
6) Uglewodorod gorizontlary üçin suw howdany gaýalarynyň görnüşini kesgitlemek;
7) Uglewodorod suw howdanlarynyň anomaliýalarda 500 m-den geçmeýän çuňluk profilini gurmak;
8) Kesgitlenen anomaliýalarda uglewodorod çeşmelerini çaklaň.

Mysal üçin I. Russiýa. I etap önümçilik meýdançasy (uzakdan duýgurlyk). Salgy

Mysal ü çin I. Russiý a. I etap önü mç ilik meý dançasy (uzakdan duý gurlyk). Kartalaşdyrylan anoma

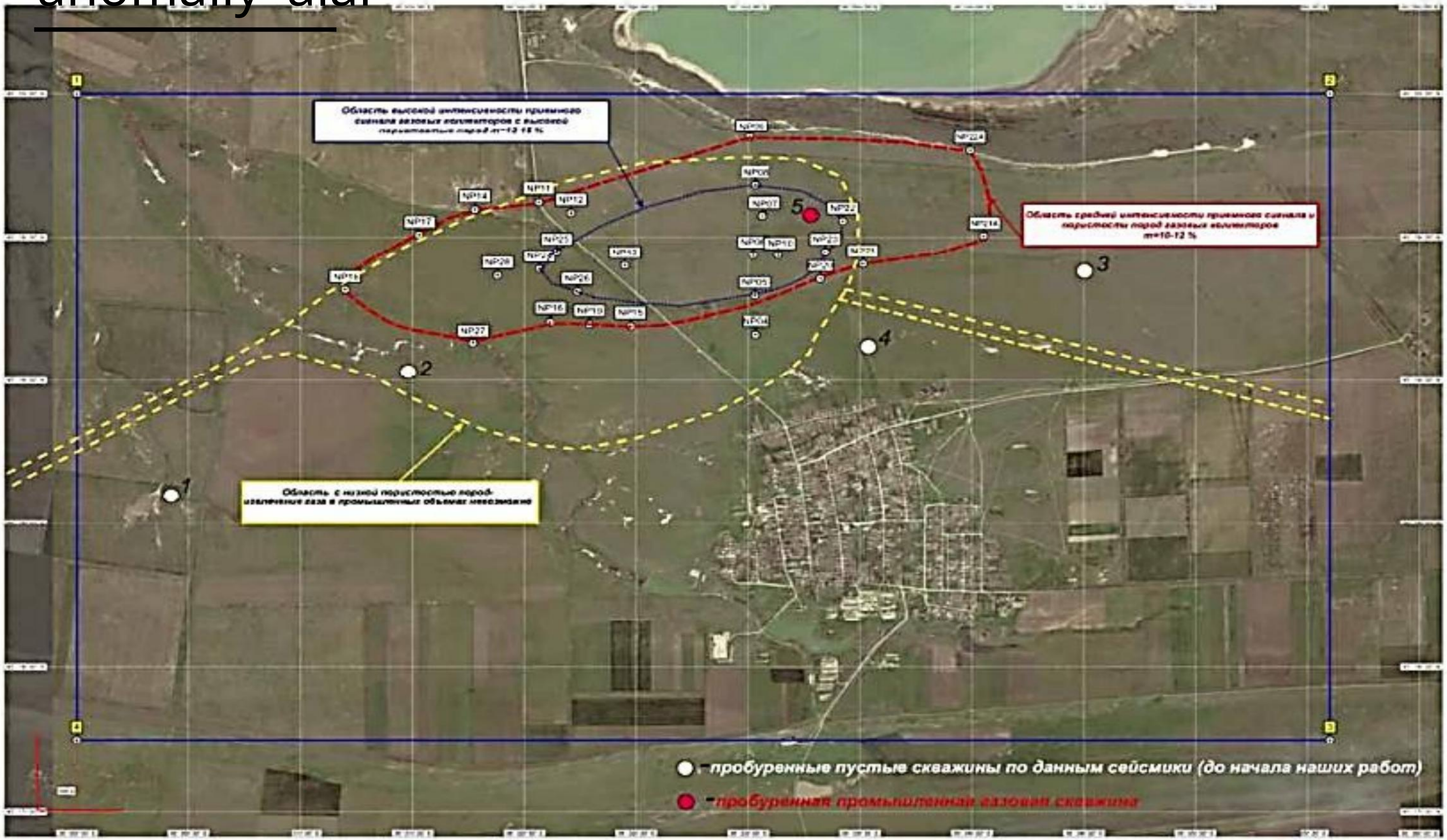


Mysal ü çin I. Russiý a. I etap önü mç ilik meý danç asy (uzakdan duý gurlyk). Bellenen



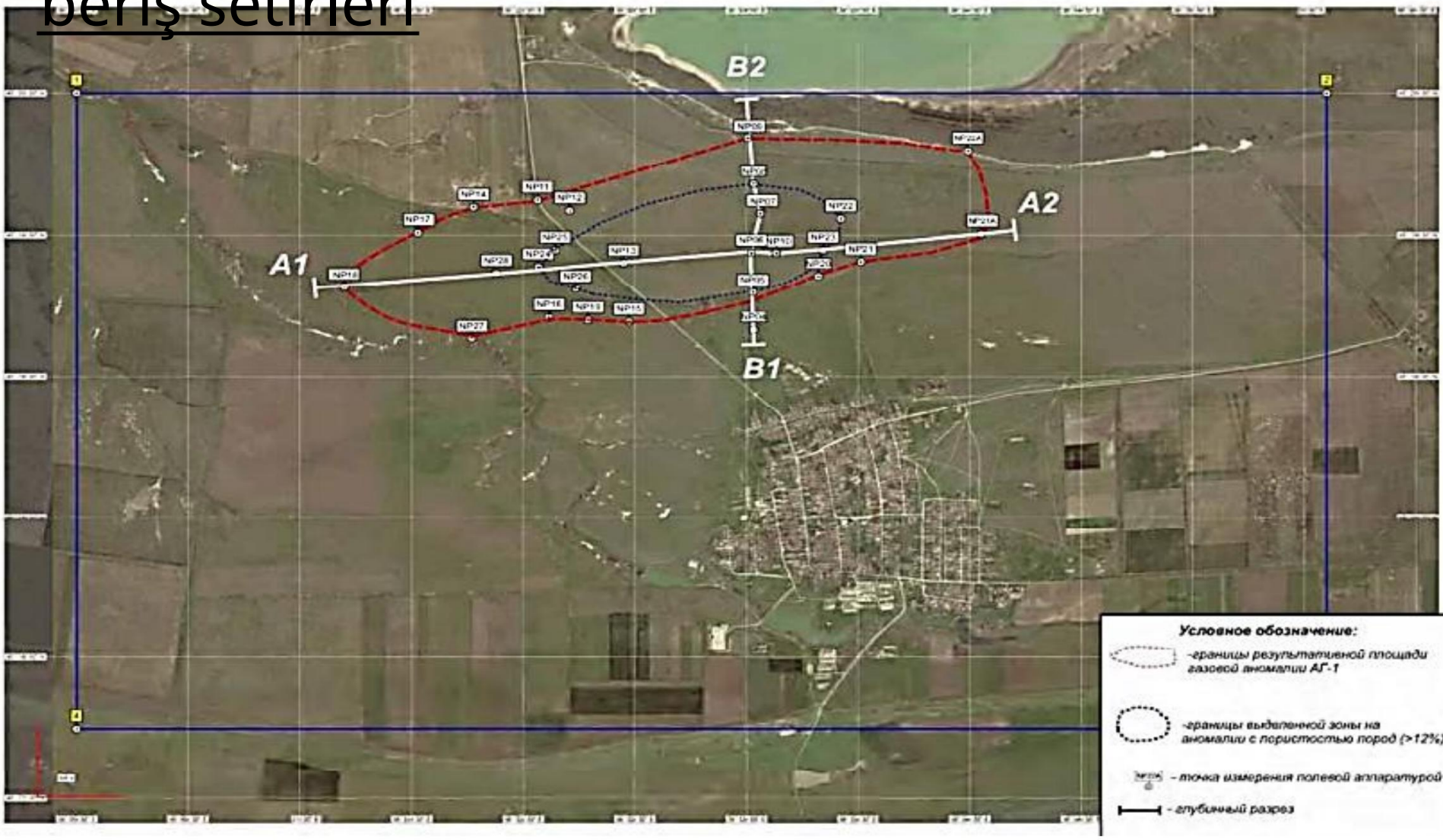
Mysal ü çin I. Russiý a. Önü mçilik meý dany

II tapgyra (meý dan gözleg). Tassyklanan anomaliý alar

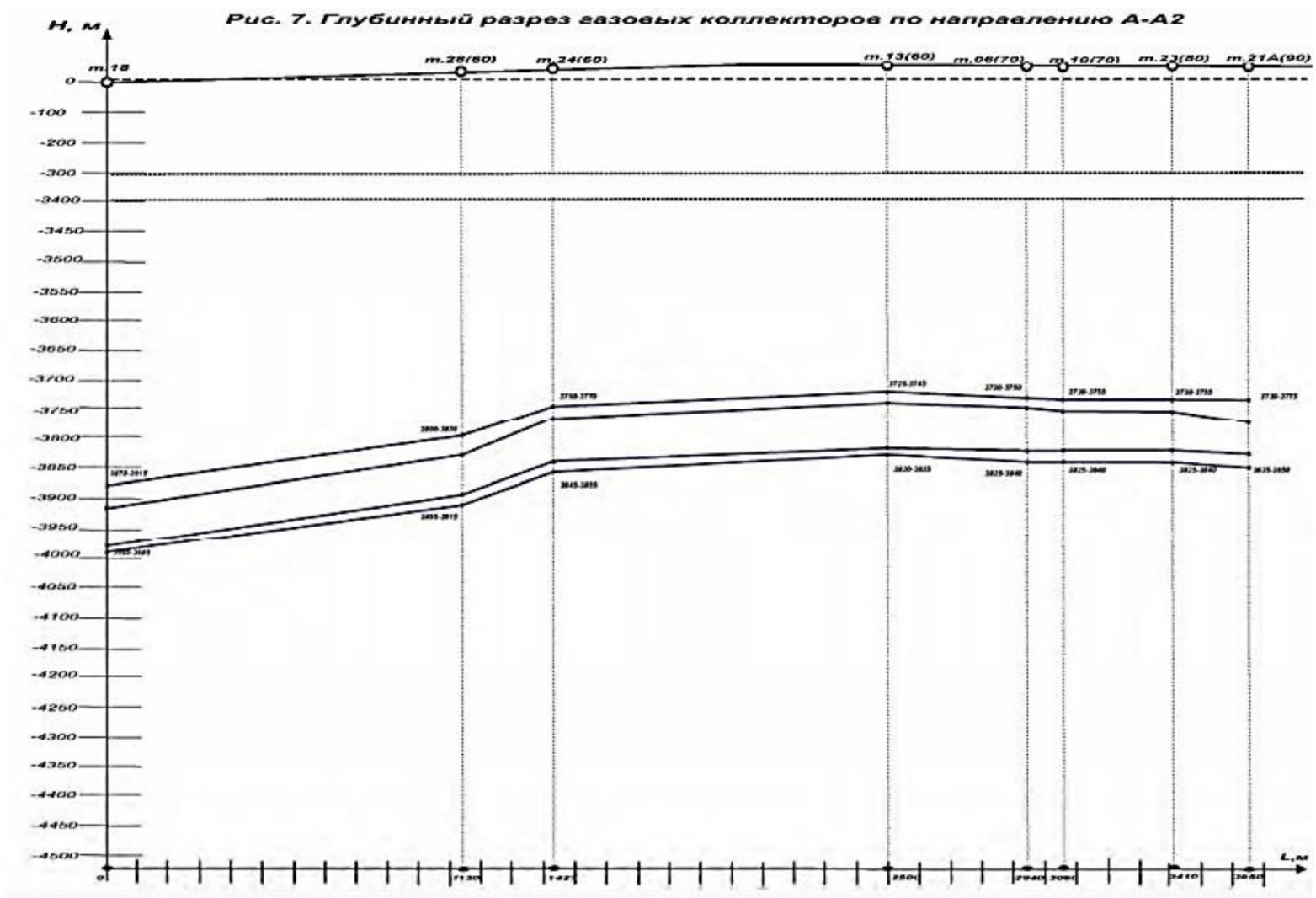


Mysal üçin I. Russiýa. Öňümçilik meýdany

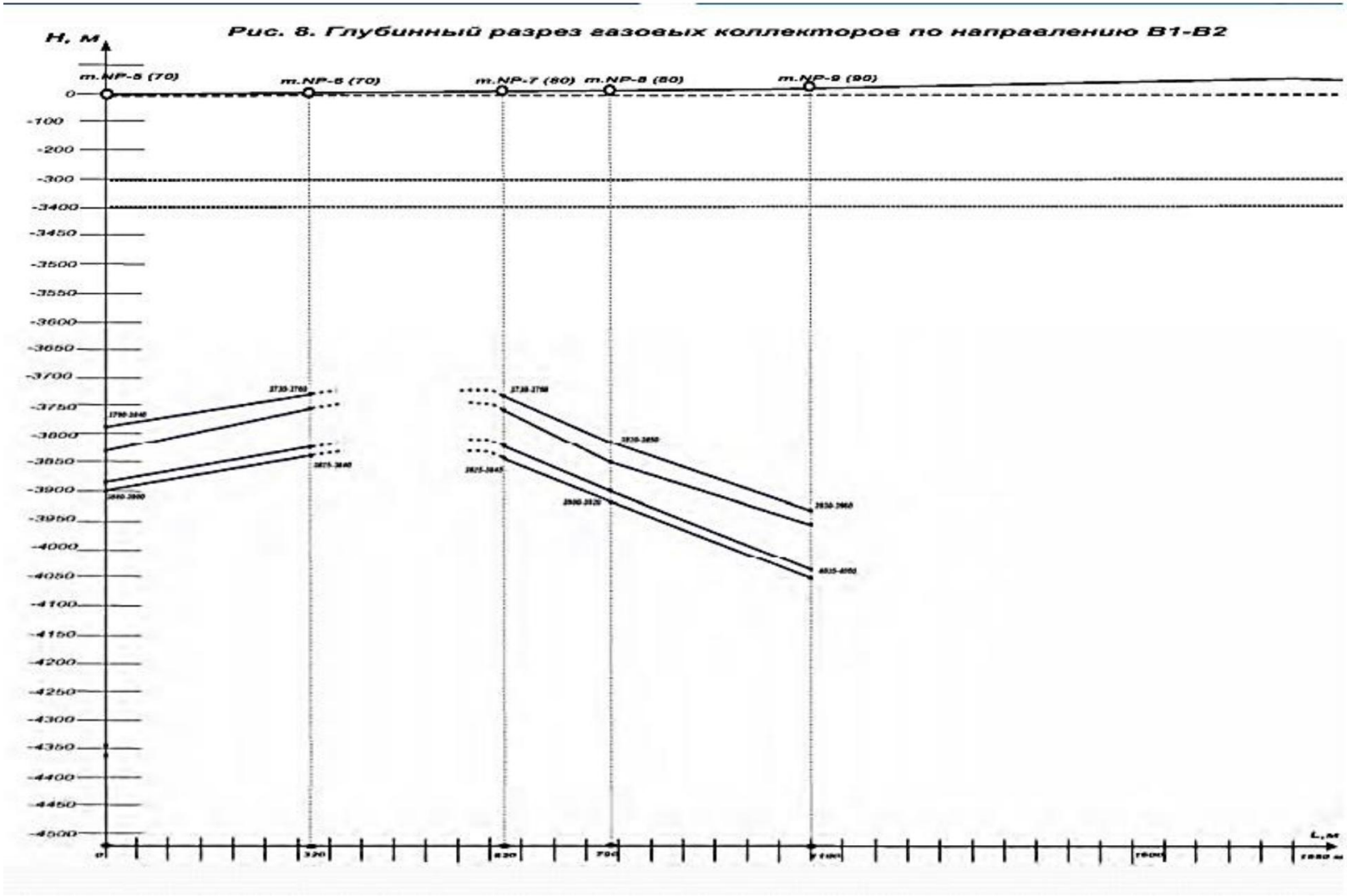
II tapgyra (meýdan gözleg). Çuňluga baha beriş setirleri



Mysal ü çin I. Russiý a. II tapgyr önü mçilik meý dany (meý dan gözlegi). Çuňluga baha berme



Mysal ü çin I. Russiý a. II tapgyr önü mç ilik meý dany (meý dan gözlegi). Çuňluga baha bermek



Mysal üçin I. Russiýa. II tapgyr önümçilik meýdany (meýdan gözlegi). Suw howdanynyň aýratynlyklary

Location	Lat, N Long, E	Signal features	Altitude above sea level (m)	Gas reservoirs depth $-H_1$, $-H_2$ (m)	Rock types. Pressure (P, MPa)	Gas reservoir thickness, Δh (m)
1	2	3	4	5	6	7
NP04	45°19'9,7" 36°3'2,0"	The "gas" signal, the background values of the signal. Of no commercial value	70	-	-	-
NP05	45°19'17,7" 36°3'1,8"	Gas. The southern tip of the productive anomaly. Maximum signal intensity. Measurement of gas reservoir occurrence parameters.	70	(I) -3790÷3830; (II) -3880÷3900.	Porous sandstone, P_1=50; P_2=55	30 10
NP06	45°19'26,2" 36°3'1,4"	Gas. The maximum amplitude of the signal. Measurement of gas reservoir occurrence parameters.	70	(I) -3730÷3760; (II) -3825÷3840.	Porous sandstone, P_1=50; P_2=55	25 10
NP07	45°19'34,4" 36°3'3,8"	Gas. The maximum amplitude of the signal. Measurement of gas reservoir occurrence parameters.	80	(I) -3730÷3750; (II) -3825÷3845.	Porous sandstone, P_1=50; P_2=55	25 10
NP08	45°19'40,7" 36°3'2,0"	The boundary of the intense signal at the northern part of the anomaly.	80	(I) -3820÷3850; (II) -3930÷3950.	Porous sandstone, P_1=50; P_2=55	25 10
NP09	45°19'51" 36°03'00"	Gas. Average signal intensity. The northern part of the anomaly. Measurement of gas reservoir occurrence parameters.	90	(I) -3930÷3960; (II) -4035÷4050.	-//-	25 10
NP10	45°19'25,9" 36°03'7,1"	Gas. Maximum signal intensity. Measurement of gas reservoir occurrence parameters.	70	(I) -3730÷3755; (II) -3825÷3840.	-//-	25 10

Mysal ü çin I. Russiý a. Öňü mçilik meý dany

II tapgyra (meý dan gözleg). Çuňluk we suw howdany maglumatlary

№	Location	Altitude above sea level (m)	The depth of occurrence of gas reservoirs from the sea level	Effective thickness of the gas reservoirs (m)
1	P-18	50	3870-3915 3965-3985	30 10
2	P-28	60	3800-3830 3895-3915	25 8
3	P-24	60	3750-3770 3845-3855	25 10
4	P-13	60	3725-3745 3820-3835	20 10
5	P-06	70	3730-3750 3825-3840	20 8
6	P-10	70	3730-3755 3825-3840	25 9
7	P-23	80	3730-3755 3825-3840	25 10
8	P-21A	90	37503775 38353850	20 8

Mysal ü çin I. Russiý a. Önü mçilik meý dany

II tapgyra (meý dan gözleg). Resurslara baha bermek

Horizon	Gas reservoir size			Depth, H (м)			Average effective thickness h (м)	Porosity m (%)	Water saturation, %	Pressure P (МПа)	Resources ($\cdot 10^6$ м^3)	
	Width (м)	Length (м)	Area S(м^2)	Min	Average	Max					In-place	Recoverable
I	1,3	3,8	$3,2 \cdot 10^6$	3725	3820	3930	20	12÷15	30	50	582,4	416,0
II	1,3	3,8	$3,2 \cdot 10^6$	3820	3930	4048	10	10÷12	40	55	147,84	105,6
Total:			$6,4 \cdot 10^6$								730,24	521,6

Dikeldip boljak göwrü mler:

$$V_{rec} = S \cdot \Delta h \cdot P \cdot \eta CP ;$$

bu ý erde η CP - gözenegiň, temperaturanyň, suwuň doý magynyň, gazy dikeltmegiň aý rylmaz faktory

- η CP - II - gorizont ü çin - 0,13
- η CP gorizont ü çin - 0.06 -

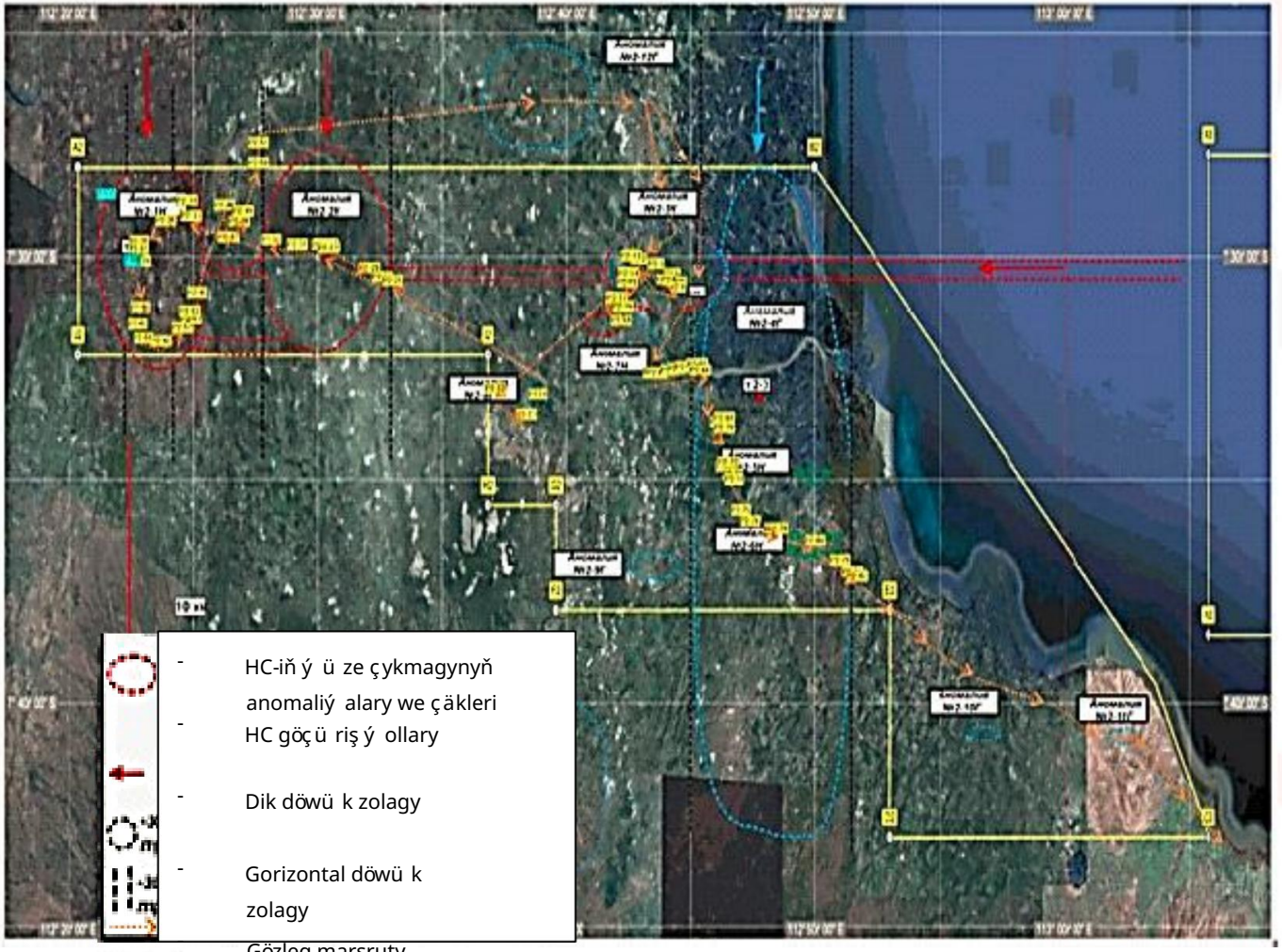
Mysal ü çin I. Russiý a. Önü mçilik meý dany

Netijeler

- RS-NMR tehnologiý asyny ulanyp, ygtyý arlandyrylan ý er öwrenilenden soň we POISK enjamlaryny (I basgançak) ulanyp, giňişlikdäki şekilleri gaý tadan işlemek, anomaliý alary gazlar kesgitlenildi we kartalaşdyryldy.
- Gaz howdanlarynyň ý ü ze çykmagynyň çuňlugy (takmynan) hasaplandy.
- Gaz gözý etimindäki suw howdany gaý alarynyň görnü şleri we spektrleri kesgitlenildi anomaliý anyň ü stü ndäki rezonans elektromagnit meý danlarynyň aý ratynlyklary bar suw howdanlarynyň gözenekli böleginiň täsirli galyňlygy bilen hasaba alyndy gaz bilen doý ý ar.
- Käbir suw howdanynyň häsiý etleri çaklanyldy we gaz çeşmeleri hasaplandy
- Maslahat berilý än ý erlerde burawlanan guý ular subut edilen gaz akymyny öndü rdi usulynyň ygtybarlylygy

Mysal ü çin II. Indoneziý a.

Önü mçilik meý dany



License block in Indonesia

Productive wells are sitting within the areas outlined marked with red color

II waka. Indoneziý a. Şaý atlyk

Russ Techno
Tel: +62 8170 228877 FAX: +62 21 84306196

CV RussTechno Indonesia
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Date : 1 June, 2012 r.

Re: SBRDSS report reference

In accordance Contract No.1, 28.11.2011 between RussTechno Indonesia and Sevastopol State University, Sevastopol's specialists (head of team - Ph.D. Kovalev N.I.) were involved with a set of equipment "Poisk" for remote search for oil and gas with identification its depth and deposit on Brantas Block in Java, Indonesia total area 3050 km2. Off-shore – 2 blocks and On-shore – 3 blocks.

Previously, these areas were studied by traditional seismic methods and have more then 30 wells.

The study was performed in February 2012. Based on the results of study on Brantas Block by using remote method SBRDSS Sevastopol specialists discovered total 31 hydrocarbon anomalies.

SBDRSS remote method was proven by compare with seismic date available in Lapindo Brantas company. This method is cost effective and very accurate in depth and deposit result.

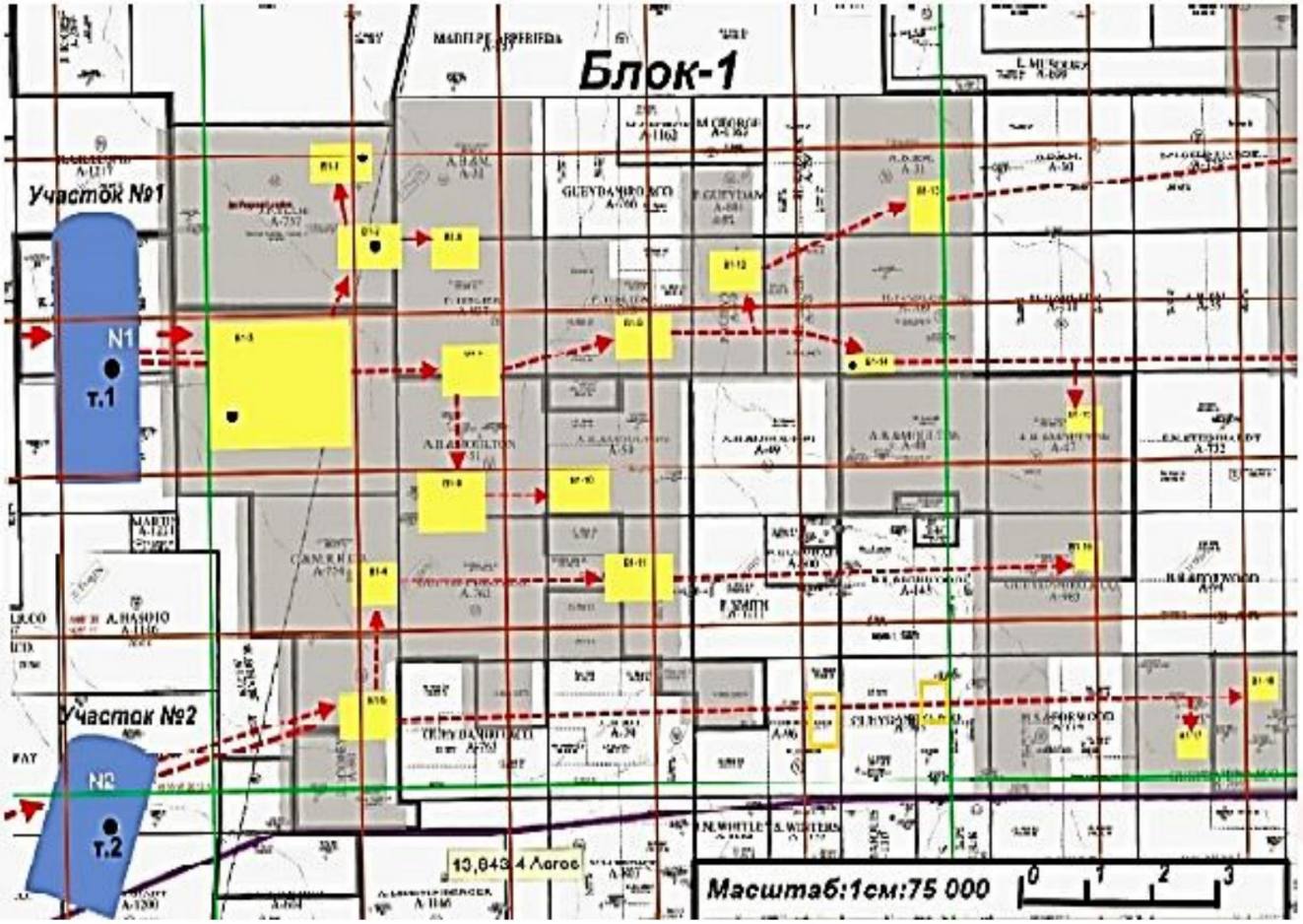
Regards,

Thanigasalam
President Director

CV RUSSTECHNO INDONESIA

Mysal ü çin III. BIRLEŞEN ŞTATLAR.

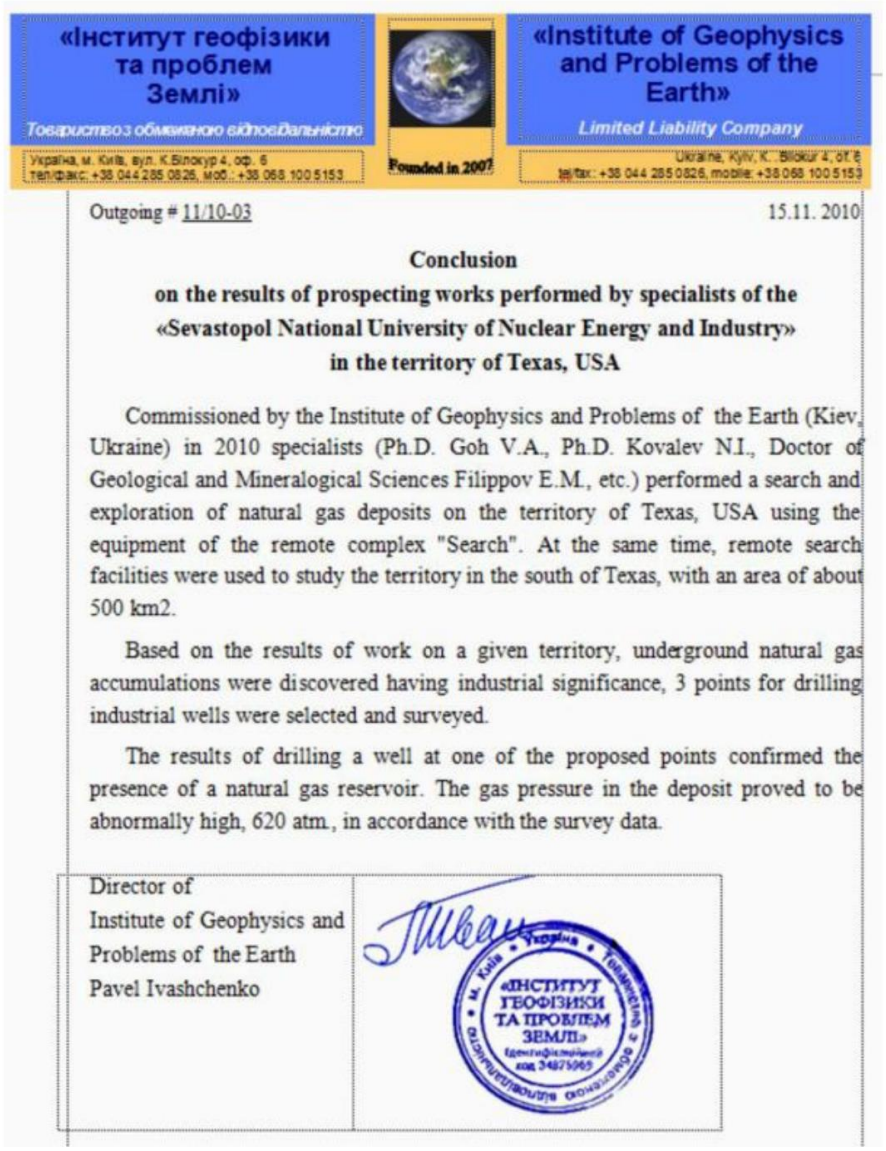
Gaz öndü rý än ý atak



License block in Texas, USA

Well N-1 penetrated shale oil formation as indicated by the corresponding anomaly

III waka. BIRLEŞEN ŞTATLAR. Şaý atlyk



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Founded in 2007

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Outgoing # 11/10-03 15.11. 2010

Conclusion

on the results of prospecting works performed by specialists of the «Sevastopol National University of Nuclear Energy and Industry» in the territory of Texas, USA

Commissioned by the Institute of Geophysics and Problems of the Earth (Kiev, Ukraine) in 2010 specialists (Ph.D. Goh V.A., Ph.D. Kovalev N.I., Doctor of Geological and Mineralogical Sciences Filippov E.M., etc.) performed a search and exploration of natural gas deposits on the territory of Texas, USA using the equipment of the remote complex "Search". At the same time, remote search facilities were used to study the territory in the south of Texas, with an area of about 500 km2.

Based on the results of work on a given territory, underground natural gas accumulations were discovered having industrial significance, 3 points for drilling industrial wells were selected and surveyed.

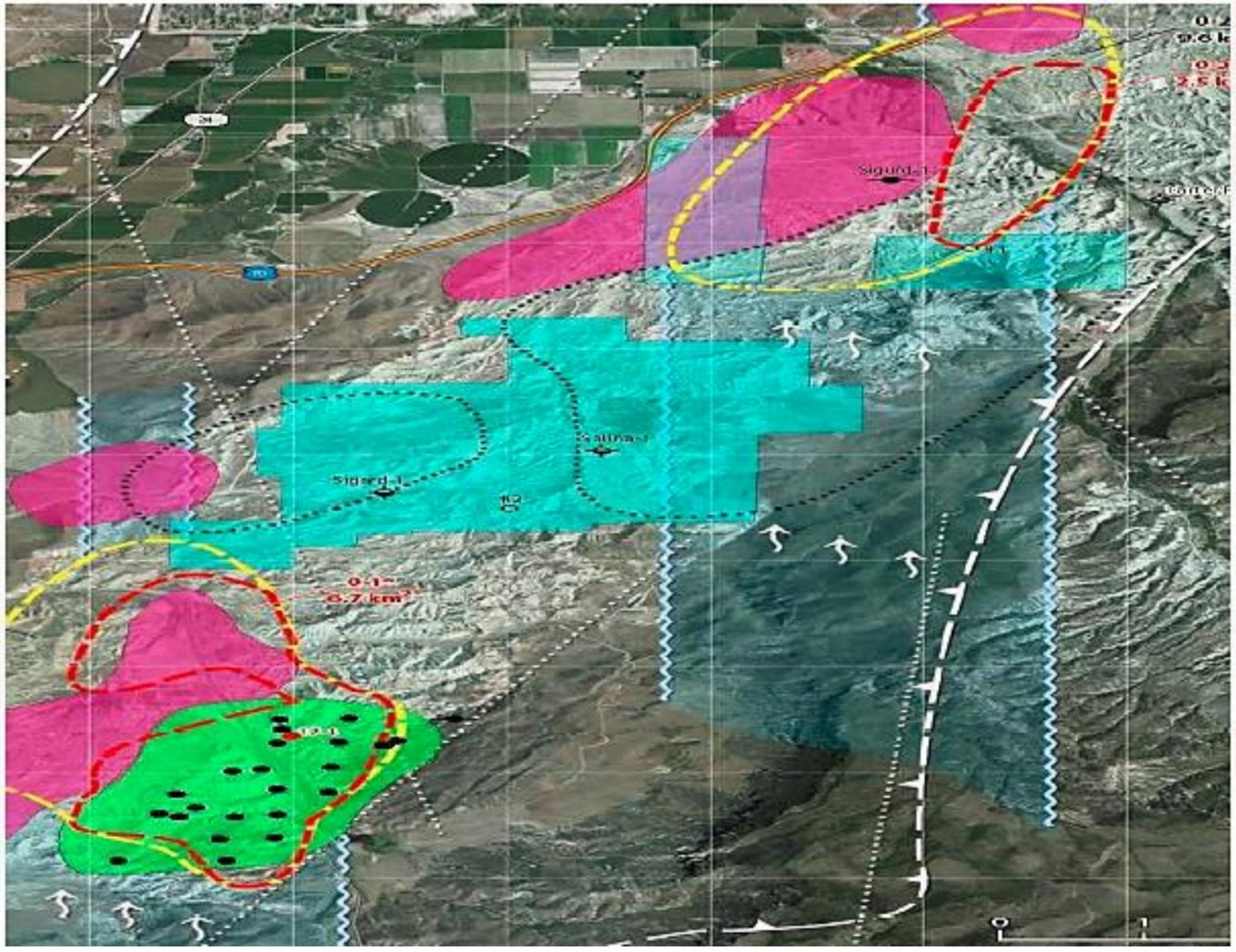
The results of drilling a well at one of the proposed points confirmed the presence of a natural gas reservoir. The gas pressure in the deposit proved to be abnormally high, 620 atm., in accordance with the survey data.

Director of
Institute of Geophysics and
Problems of the Earth
Pavel Ivashchenko

«ІНСТИТУТ ГЕОФІЗИКИ ТА ПРОБЛЕМ ЗЕМЛІ»

Mysal IV. BIRLEŞEN ŞTATLAR.

Nebit öndü rmek ý atagy



License block in Utah, USA

The oil accumulations and wells locations have proved the delineated anomalies. Recommendations were made to drill new wells at the identified anomalies to the north-east.

IV waka. BIRLEŞEN ŞTATLAR. Şaý atlyk

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Limited Liability Company
470 E 3900 So Suite104, Salt Lake City, Utah 84107
Off.801-293-3314 Fax:801-303-0720
Cell:801-380-2087 ttvol333@gmail.com

"КАРПАТІЯ", ТОВ
Товариство з Обмеженою Відповідальністю
Cell:8063-740-4071 ttvol333@gmail.com

FINAL REPORT
On Presentation-Demonstration of "Deep Vision" Model

"CARPATHIA", LLC, represented by Vasyl Lyubarets, as a party representing "Deep Vision" Model of discovering natural resources that being tested, and Kelly Alvey, as a party participating in the test, have executed this Final Report concerning final results of testing unique Model "Deep Vision".

Results of inspection of objects, located on the territory of the state of Utah, USA **Dated** 25 **of February 2009**

Object #	Kelly Alvey's data	"Deep Vision" data	Comparison %	CONCLUSION
X "0"	Nothing	Nothing	100 %	Matching results
X 1	Nothing	Nothing	100 %	Matching results
X 9/1	6380	6150-6450	100 %	Matching results
X 9/2	6380	6150-6420	100 %	Matching results
X 9/3	6500; 9500-10000	6040-6420; 9450-9750	98 %	Matching results

Director of "Institute of Geophysics and Problems of the Earth",
Technical Director of "Benif International" Corporation — Pavlo N. Ivashchenko

Inventor of "Deep Vision" Model
Professor — Vitaly A. Gokh

Inventor of "Deep Vision" Model
Professor — Mykola I. Kovalyov

Signatures of Witnesses

Vasyl O. Lyubarets, Leader-President of "CARPATHIA", LLC

Kelly Alvey

Rex W Hardy, Lawyer

Roy Moore, Wolverine Gas and Oil Company of Utah, LLC. Landman

Ray Beckham, BYU Professor

Jeffrey F. Chivers, "ENDEAVOR" Capital Group, LLC

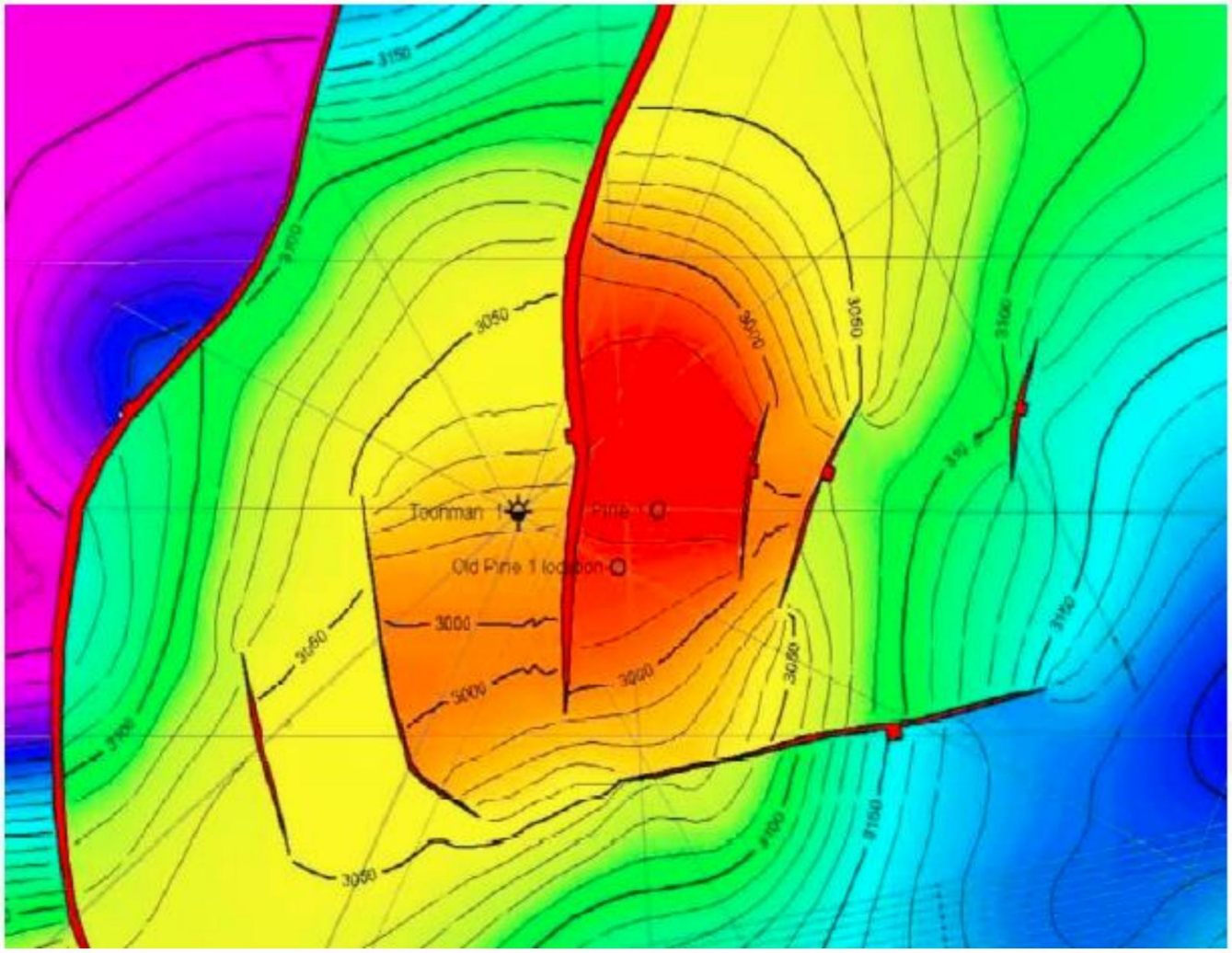
Brad Whittaker, CEDO Executive Director

Edward W. Fail, P.G.UT Government Department of Natural Resources

Arbitrator — Elizabeth Goryunova, Director of International Relations, Salt Lake Chamber of Commerce

Mysal ü çin Awstraliý a.

Nebit öndü rmek ý atagy



License block Pel-105 in Australia

Well Pine-1 location was changed as suggested the identified anomaly. The well has been drilled and proved to be productive.

GROUP POISK

СЕВАСТОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

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