



Provision of Tubular, Drilling Bits,
Drilling Equipment, Rig Accessories
and Execution of EPD/EPC projects



About Us

Pishro Energy Almas Kish Company

(PEAK), a Drilling company active in oil and gas upstream and downstream as well as energy sector to play its role as a professional Company in Sepas Holding Group, actively engaged to execute its projects in upstream oil and gas & energy by cooperation and collaboration with its domestic and foreign JVs and Partnerships.

The company has carried out numerous projects in the fields of engineering, design, supervision, execution, and the supply of drilling equipment, materials, drilling bits and etc.

Pishro Energy Almas Kish has recently been approved as a member of the vendor list certified by the National Iranian Oil Company (NIOC).

Certificate

شماره: ۱۹۳۰۶۸
تاریخ: ۱۳۰۲/۰۳/۲۹
پیوست:



دستگاه مرکزی وزارت نفت
کمیته فنی بازرگانی

ارزیابی صلاحیت سازنده کان و تامین کننده کان در شرکت ملی نفت ایران

سازمان کنترل ارزیابی توئین

مدیر عامل محترم شرکت پیشرو انرژی الماس کیش

موضوع: حضور در فهرست بلند منابع دستگاه مرکزی وزارت نفت AVL

با سلام و احترام.

عطاف به نامه شماره PEAK-LT-PIK-0090 مورخ ۱۴۰۴/۰۴/۲۴ به اطلاع می‌رساند؛ پرونده ارزیابی صلاحیت شرکت پیشرو انرژی الماس کیش در هفتاد و هفتمین جلسه کمیته تخصصی فنی بازرگانی منابع تجهیزات حفاری و شانزدهمین جلسه کمیته اصلی فنی بازرگانی ارزیابی صلاحیت مناقصه‌گران دستگاه مرکزی وزارت نفت در شرکت ملی نفت ایران مطرح و بعنوان تامین‌گننده مته‌های حفاری جاهای نفت و گاز مورد تأیید قرار گرفت.

ضمناً فرآیند ثبت آن شرکت در سامانه دستگاه مرکزی وزارت نفت نیز در دست اقدام می‌باشد.

سید
سید علی‌محمد
برزو قمری صدیوی
نائب رئیس



تهران - خیابان سپهبد قریب مددوی پستی ۱۵۸۱۵/۱۷۷۵
تلفن: ۸۲۰۱۹

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شماره: ۱۹۳۰۶۸
تاریخ: ۱۳۰۲/۰۳/۲۹
پیوست:



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کمیته فنی بازرگانی

ارزیابی صلاحیت سازنده کان و تامین کننده کان در شرکت ملی نفت ایران

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تهران - خیابان سپهبد قریب مددوی پستی ۱۵۸۱۵/۱۷۷۵
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TOTAL P.01

► Drill Pipe



unit:mm

Technical requirements

The product conforms to API SPEC 5DP PSL-2 (latest version) and API SPEC 7-2 (latest version) standards.

1. Phosphate treatment of joint threads.
2. Joint hardness HB285-341.
3. The outer surface of the drill pipe is sprayed with black protective paint.
4. Thread protector.
5. Internal Coating: LPC3000P.
6. Flush Hardbanding: ARNCO 100XT 3x1". ★
7. Cold Worked (CW).

检验专用章 (Inspection Special Seal)

DRAWING	NAME	DATE	NO	LW/MCH139.7-LWDS55-528
CHECK			PAGE	1
EXAMINE			PIPE BODY GRADE	G105
WEIGHT			TOOL JOINT MATERIAL	4137H
QUANTITY			HEBEI LONGWAY PETROLEUM EQUIPMENT CO.,LTD	

LONGWAY PETROLEUM

► PDC Bits



- **Optimized bit profile** for efficient drilling in soft to medium formations
- **Higher ROP** (Rate of Penetration) in softer formations
- **Superior overall performance** thanks to high-quality PDC compacts
- **Enhanced bit penetrability** through advanced technical design
- **Vibration** absorption to protect compacts and extend bit life

► Rock Bits

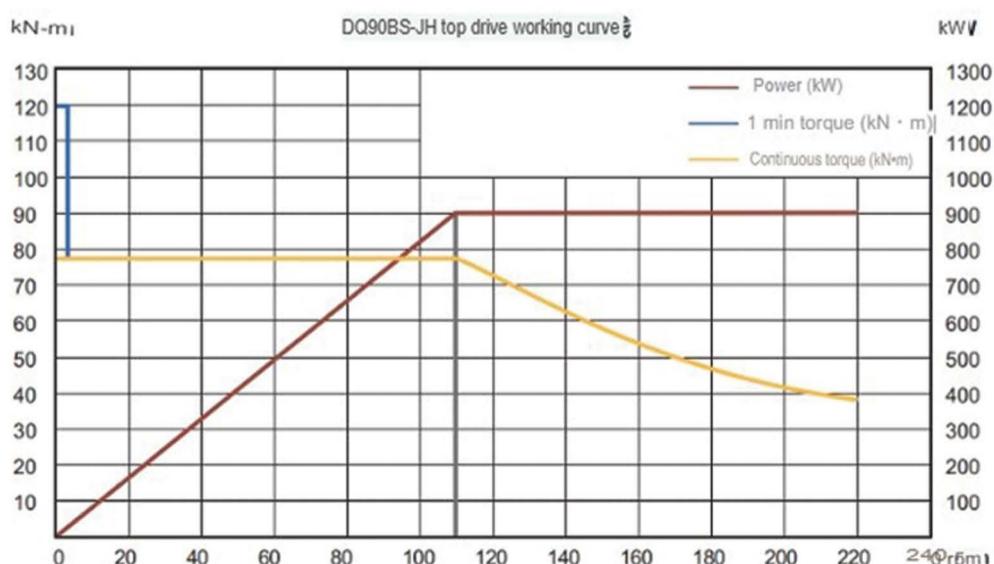


- Designed for soft to medium formations (shale, medium-soft limestone, medium-soft sandstone, and formations with medium-hard or abrasive interbeds)
- Durable Tungsten Carbide Inserts (TCI) cutting structure for high wear resistance
- Optimized bearing system for extended bit life in challenging drilling conditions.
- Gauge protection with hard-facing and carbide inserts to minimize wear
- Advanced hydraulic design with jet nozzles for efficient hole cleaning and cooling
- Available in both sealed roller bearing and journal bearing configurations

► Top drive



DQ90BS-JH		
Project	Metric System	Imperial
Drive Mode	AC frequency conversion drive (AC VFD)	
Rated Cutting load	6,750 kN	750 ton
Rated power (continuous)	450 kW*2	600 HP*2
Power Supply	600 VAC/50 hz (Optional Configuration of 60 Hz)	
Speed Range	0-220 rpm	
maximum continuous drilling torque (<110 rpm)	78 kN·m	57,530 lbf·ft
maximum shackle torque (intermittent)	120 kN·m	88,507 lbf·ft
Inner diameter of spindle center channel	89 mm	3.5 in.
Spindle center and rail center	950 mm	37.4 in.
Body Height	5,940 mm	19.5 ft
Body Weight	18 ton	39,683 lb
Main body dimensions	5,940 mm*1,850*1,840mm	233.9 in*72.8 in*72.4 in



► Casing

Provision of Various size and types of Casing (Tenaris, TMK, TPCO) for NIOC contractors. (30", 26", 18 5/8", 13 3/8", 10 3/4", 9 5/8" 7" 5" 4 1/2" 3 1/2" & 2 7/8")



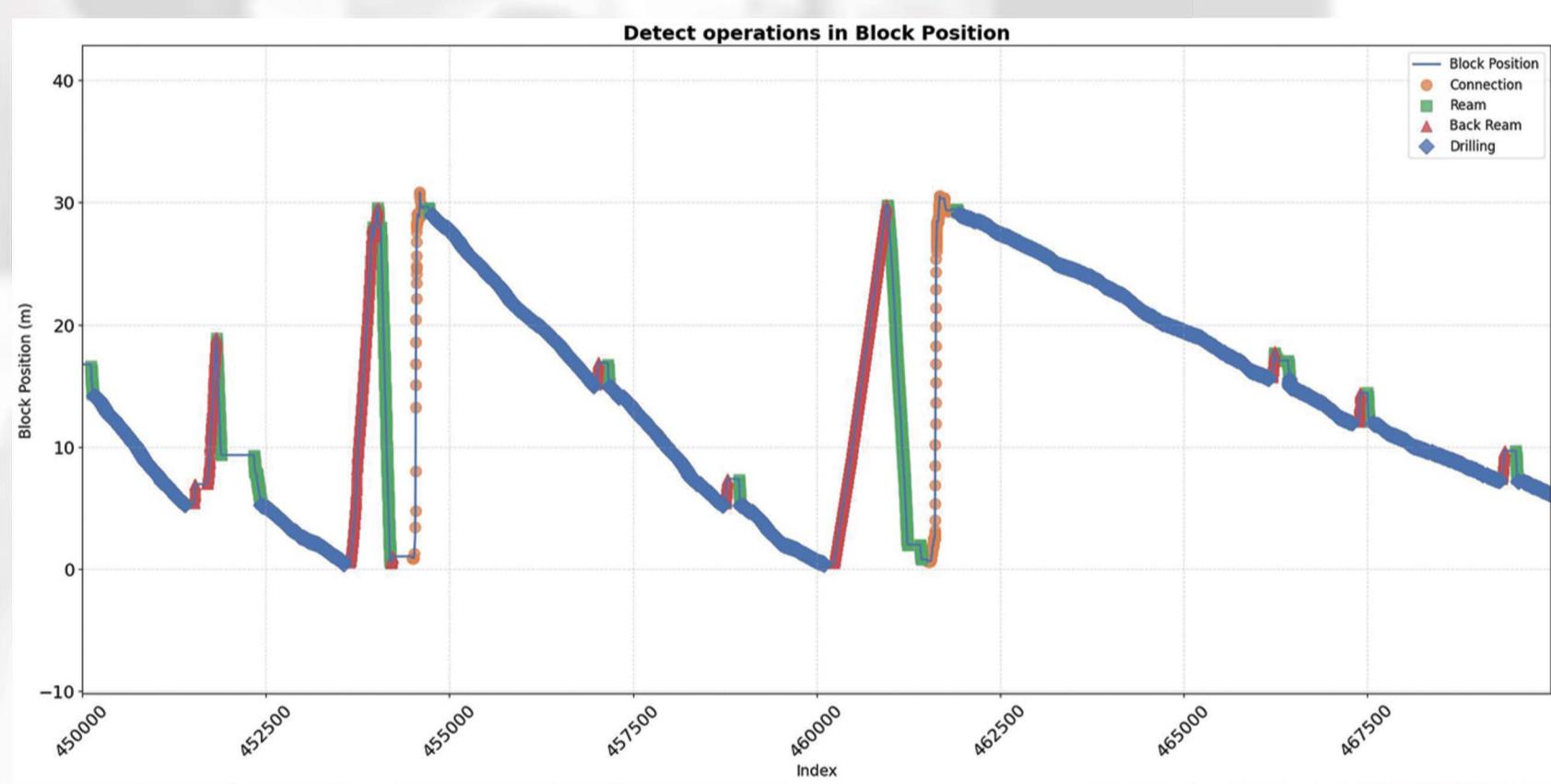
► Products

Drilling Optimization (Drill AI)

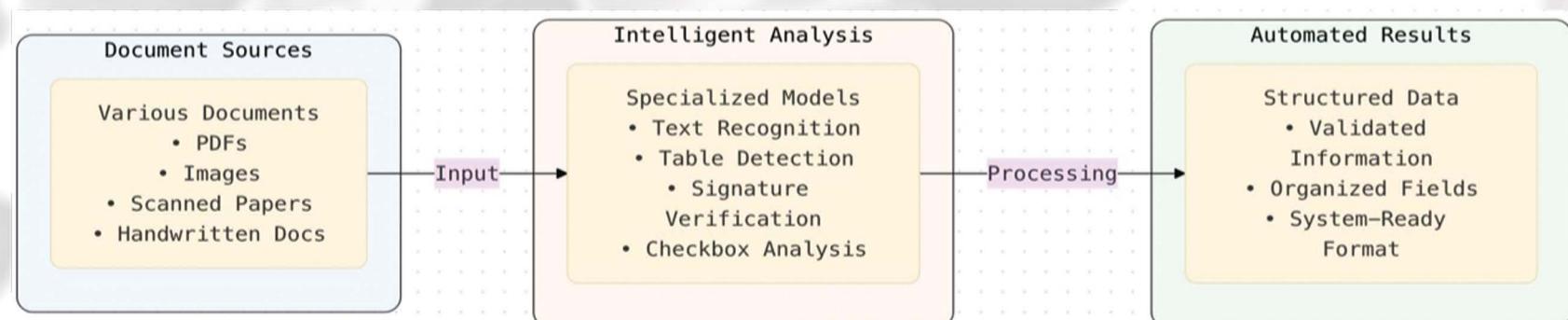
DrillAI: Intelligent Software for Optimizing Drilling Operations

The oil and gas industry, as the backbone of global energy supply, demands smart, fast, and precise solutions to enhance efficiency and reduce costs. Considering that drilling operations account for over 65% of the cost of each well, optimizing this process plays a crucial role in project success.

The image below shows an example of the software's performance in identifying various drilling operations:



The images below illustrate the different stages of the Document Recognition module as well as a sample output from an actual test of this module, including general field information and well data.



► Products

Bit Selection Optimization Using Artificial Intelligence Technology

The main goal of this module is to increase efficiency and reduce drilling costs by selecting the most accurate and optimal bit type based on geological conditions, wellbore size, and hole dimensions. This is achieved by predicting the success probability of each bit type and performing economic evaluations, ensuring that drilling operations are carried out with minimal risk and maximum efficiency.



► Products

Bit Selection Software IADC Library

- 17 Drilling Bit Manufacturers
- 15 types of Drilling Bits
- In 6 Formation hardness category (From Soft & Sticky to Extremely Hard)
- More than 3200 Bit types
- More than 250 IADC codes
- With Recommended WOB & Rotary Speed
- All Special Features/Usage Recorded

Manufacturer	Bit type	Formation category	Bit name/model number	IADC code	Size range, in.	Recommended WOB, lb/in. diameter	Recommended rotary speed, rpm	Special features/usage
Baker Hughes	Steel tooth roller cone bits	Soft and Soft Sticky	VMD-1	117	83/4, 121/4	2,100-5,000	350-80	BCGMSW
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	A1SA	111	81/2	1,000-5,000	80-300	GMXW
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	QHN1	111	121/4-131/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XN1	111	121/4-23	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XN1G	111	16-26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XN1GC	111	16-24	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XN1K	111	26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	A1GRC	115	143/4-26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	A1GSC	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1DR	115	143/4-26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1DS	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1DSC	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1GR	115	143/4-26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1GRC	115	26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1GRC	115	24	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1GS	115	16-20	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1GSC	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1G-SCL	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1G-SLC	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	EBXT1C1GR	115	141/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1	115	171/2-28	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1A1GRC	115	22	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1C	115	22	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1DR	115	16-28	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1DS	115	161/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1G	115	24	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GR	115	141/2-28	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GS	115	151/2-25	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GSC	115	16	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1G-SCL	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GSLC	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GSR	115	26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1R	115	141/2-28	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1S	115	141/2-28	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1SC	115	141/2-171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GRC	115	26	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GSL	115	171/2	1,000-5,000	80-300	GMXWC
Halliburton	Steel tooth roller cone bits	Soft and Soft Sticky	XT1GR	115	143/4	1,000-5,000	80-300	GMXWC

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