

KERR-MCGEE OIL AND GAS ONSHORE LP

HARKIS 12-2

SW NW 2 2N 65W 1,860' FNL 660' FWL

WELD,COLORADO

03/05/2015

AREA: E2

ROUTE: E24

Spud: 07/10/2003

WINS No.: 88745

AFE/WO#: 2105272

API#: 0512321565

GL: 4851

KB: 4866

MTD: 7904

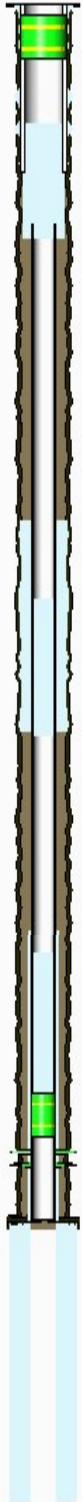
TVD: 7904

LOG MD:

PBMD: 7873

PBTVD: 7873

Directions: CR 49 AND CR 22, W 1-1/10, N 1-6/10, W 8/10 SOUTHWEST INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	10	901	07/10/2003
PRODUCTION	7.88	10	7904	07/10/2003

<u>TUBULARS</u>	<u>Tool Type</u>	<u>Joints</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Top D</u>	<u>Bottom D</u>
SURFACE CASING	Casing		8.63	24.00			10	911
BRIDGE PLUG	Cast Iron Bridge Plu	1	4.50				7530	7531
PRODUCTION CASING	Casing		4.50	11.60			1302	4864
	Cement Stage Too		4.50				4864	4865
	Casing		4.50	11.60			4865	7904
BRIDGE PLUG	Cast Iron Bridge Plu	1	8.63				80	82

<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>	<u>Top D</u>	<u>Btm D</u>	<u>cbl</u>
PRODUCTION CASING	PRIM CMT 1ST STAGE	275	LEAD CEMENT	6340	7904	Yes
	PRIM CMT 2ND STAGE	280	LEAD-2 CEMENT	3470	4870	Yes
SURFACE CASING	PRIM CMT 1ST STAGE	371	LEAD CEMENT	10	901	No
PRODUCTION CASING	ABANDONMENT PLUC	70	LEAD FRESH WATER	6500	7530	No
PRODUCTION CASING	ABANDONMENT PLUC	70	LEAD FRESH WATER	4040	4905	No
PRODUCTION CASING	ABANDONMENT PLUC	240	LEAD FRESH WATER	555	1400	No

<u>PERFORATIONS</u>	<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>
	J SAND		7588	7640	08/12/2003	PRODUCTION	

Comments: