

Existing

KB=16'

Proposed

Harkis 11-2

API: 05-123-21100

Surface Casing/Hole

Casing Size/Depth: 8 5/8", 24#/ft @

Hole Size/Depth: 12 1/4" @

903'

903'

25 sx

80'

700'

Stub Plug Top

Fox Hills Formation Marker

1200'

210 sx

1300'

Shoot off Casing

1400'

Cmt bottom

10 sx

3960'

Top squeeze perf

3990'

50 sx

4080'

Btm squeeze perf

TOC - OD

4100'

Sussex Top

4159'

Sussex Perfs

none

SX producers within 1 mile

6455'

TOC - ID

40 sx

Niobrara Top

6892'

7090'

Codell Perfs

7149' - 7160'

J Sand Perfs

7626' - 7656'

2 sx

7550'

Production Casing/Hole

Casing Size/Depth

4 1/2" x 11.6#/ft @

7903'

Hole Size/Depth

7 7/8" @

7912'

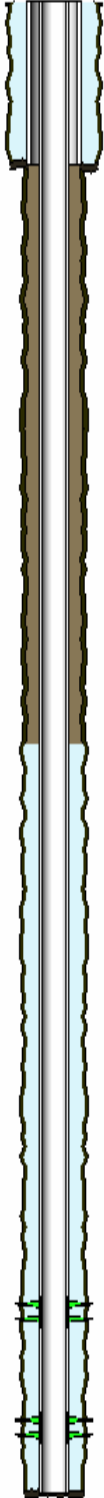
Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
New Cement
Sand Plug

KERR-MCGEE OIL AND GAS ONSHORE LP
HARKIS 11-2
NW NW 2 2N 65W 512' FNL 553' FWL
WELD,COLORADO
12/11/2014

AREA: E2 ROUTE: E24 Spud: 11/22/2002 WINS No.: 88706 AFE/WO#: PENDING-88706 API#: 0512321100

GL: 4842 KB: 4858 MTD: 7912 TVD: 7912 LOG MD: PBMD: 7895 PBTVD:

Directions: CR 22 & CR 41, E 2 8/10, N 1 6/10, W 8/10, NW 2/10 INTO.



<u>HOLE SECTIONS</u>		<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>				
SURFACE		12.25	0	903	12/13/2002				
PRODUCTION		7.88	903	7912	12/13/2002				
<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			0	903
PRODUCTION CASING		Casing		4.50	11.60			0	7903
<u>CEMENT JOBS</u>		<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>		<u>Top D</u>	<u>Btm D</u>	<u>cbf</u>	
SURFACE CASING		PRIM CMT 1ST STAGE	367	LEAD		0	903	No	
PRODUCTION CASING		PRIM CMT 1ST STAGE	440	LEAD		4100	7912	Yes	
<u>PERFORATIONS</u>		<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>	
		CODELL		7149	7160	12/18/2002	PRODUCTION		
		J SAND		7626	7656	12/18/2002	PRODUCTION		

Comments: