

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
SL: LC 061616A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Poker Lake Unit NMMN 71016X

8. Well Name and No.
Pierce Canyon 3 Federal SWD 1

9. API Well No.
3001540135

10. Field and Pool, or Exploratory Area
Poker Lake (Devonian)

11. County or Parish, State
Eddy, New Mexico

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BOPCO, L. P.

3a. Address
P. O. Box 2760 Midland, TX 79702

3b. Phone No. (include area code)
432-683-2277

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWSE, UL O, 814' FSL & 1630' FEL, Sec 3, T25S-R30E, Lat:N32.154556, Long:W103.865008

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BOPCO L.P. respectfully requests to change the surface and 1st intermediate casing designs. The changes are as follows:

Conductor: A 30" conductor will be drilled with 20" conductor pipe set @ 120' (GL)

Surface: The surface hole will be changed from a 26" to a 18-1/8" hole with 16", 84 ppf, J-55, BTC set @ 1,336'. The casing safety factors will be as follows:

Tension: 14.01 Collapse: 2.15 Burst: 1.91

1st Intermediate: The first intermediate hole will be changed from a 17-1/2" to 14-3/4" with 13-3/8", 68 ppf, UFJ set @ 4,000'. The casing safety factors will be as follows:

Tension: 4.63 Collapse: 1.24 Burst: 2.25

The cement slurries that were approved in the original 8pt drilling program will remain the same. The calculated volumes for the new hole sizes will be as follows:

Surface: Lead - 430 sks, Tail - 370 sks

1st Intermediate: Lead - 2,180 sks, Tail - 585 sks

tes 12/14/2012

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jeremy Braden

Title **Engineering Assistant**

Signature

Jeremy Braden

Date

11-30-12

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

DEC 13 2012

/s/ Chris Walls

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

TECHNICAL DATA SHEET

13 3/8 " • 68.00 # • L-80 HC

ULTRA-FJ™ Premium Connection

ULTRA Premium Oilfield Services is one of North America's leading manufacturers of Premium threaded connections for the global exploration and recovery of Oil and Gas. **ULTRA** connections date back to the early 1990's, when two engineers, the late Erich F. Klementich, PE and ULTRA's Ed Banker, PE designed a unique full contact thread form with run-in/run-out threads to produce the strongest connections in the industry today.

The **ULTRA FJ** Flush-joint casing connection has the highest tensile efficiency of any true flush-joint connection. The connection's compression efficiency is equal to or greater than it's tensile efficiency.

Connection Parameters

Efficiency - Tension:	68.0%	%
Efficiency - Compression:	70.0%	%
Optimum Torque:	53,000	ft-lb
Yield Torque:	84,800	ft-lb
Max. Uniaxial Bend:	18	deg/100ft
Minimum Internal Yield Pressure:	100%	psi
Collapse Pressure:	100%	psi

Maximum uni-axial bending is the calculated value at which the connection would yield in simple 2-dimensional bending.

Note:

The information in this Technical Data Sheet is for general information only. It should not be used or relied upon for any specific application without being independently verified by competent professional examination for accuracy, suitability and applicability. Anyone utilizing the information contained herein does so at their own risk.

Tel: 281-949-1023

Toll free: 888-258-2000



TECHNICAL DATA SHEET

13 3/8 " • 68.00 # • L-80 HC

ULTRA FJ™ Premium Connection

Pipe Dimensions

Size:	13.375	inches
Nom Wt-ft:	68.00	lbs/ft
Grade	L-80 HC	
PE Weight:	66.10	lbs/ft
Wall Thickness:	0.480	inches
Nominal OD:	13.375	inches
Nominal ID:	12.415	inches
Drift Diameter:	12.259	inches
Avg. Pipe Body Area:	19.546	sq-inches

Pipe Parameters

Min. Yield:	80,000	psi
Min. Tensile:	95,000	psi

Pipe Body Performance

Yield Load:	1,563,700	lbs
Tensile Load:	1,856,900	lbs
Min. Internal Yield Pressure:	5,020	psi
Collapse Pressure:	2910	psi

Connection Parameters

Connection OD:	13.442	inches
Pin ID (bored):	12.437	inches
Critical Section Area:	13.282	sq-inches
Yield Load in Tension:	1,062,500	lbs
Fracture Load:	1,114,400	lbs
Yield Load in Compression:	1,094,300	lbs
Make-Up Loss:	4.628	inches
Max. Uniaxial Bend Rating:	18	deg/100ft
Min. Internal Yield Pressure:	5,020	psi
Collapse Pressure:	2,910	psi
Minimum Make-Up Torque:	47,700	ft-lb
Optimum Make-Up Torque:	53,000	ft-lb
Maximum Make-Up Torque:	58,300	ft-lb
Yield Torque:	84,800	ft-lb
Efficiency-Tension:	68.0%	%
Efficiency-Compression:	70.0%	%

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