Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

HOBBS OCD
NOV 28 2012
RECEIVED

5. Lease Serial No.
NMNM052

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891007465B NM70989C

1. Type of Well
☒ Oil Well ☐ Gas Well ☒ Other Injection

8. Well Name and No.
MRU 351

2. Name of Operator
LINN OPERATING INCORPORATED
Contact: TERRY B CALLAHAN
E-Mail: tcallahan@linnenergy.com

9. API Well No.
30-025-20302-00-S1

3a. Address
600 TRAVIS STREET SUITE 5100
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 281-840-4272

10. Field and Pool or Exploratory
PEARL Queen

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 35 T19S R34E NESE 1980FSL 560FEL
Unit I

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Workover Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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.)

1. Test anchors prior to RU.
2. MIRU WO rig & record csg & tbg pressure.
3. Bleed pressure off well.
4. NUBOP
5. Unseat pkr & TOOH w/ tbg & pkr.
6. RIH w/ workstring & bit to TD & circ clean. POOH LD bit.
7. PU & TIH w/ 4" D&L csg pkr (for cement job), 4" cementing pump out sleeve, 4" crossover, 4", 11.6#, L-80, Ultra Flush Joint Casing to 4605'.
8. Establish circulation wtih brine fluid to load the hole.
9. Set pkr at 4550'.
10. Drop ball to open port and establish circ w/ brine fluid.
11. RU cement company.

SUBJECT TO LIKE APPROVAL BY STATE

APPROVED
NOV 27 2012
Jennifer Mason
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Eng. Review See attached COA 11/27/12-JAM

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #150144 verified by the BLM Well Information System
For LINN OPERATING INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by WESLEY INGRAM on 09/19/2012 (12WWI0049SE)

Name *(Printed/Typed)* TERRY B CALLAHAN — Title REGULATORY SPECIALIST III

Signature (Electronic Submission) — Date 09/13/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title — Date

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. — Office

DEC 12 2012

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #150144 that would not fit on the form

32. Additional remarks, continued

12. Pump Class "C" cement until circ is obtained and then displace with wiper plug and brine water. Shut BH valve prior to bumping plug.
13. NDBOP
14. Set slips for 4" csg.
15. Install bowl for 2-3/8" tbg.
16. NUBOP
17. WOC
18. Bleed well pressure down or kill well as necessary.
19. PU & RIH w/ 2-3/8" workstring and pkr to 4525'.
20. Perform Acid job.
21. POOH & LD workstring & pkr.
22. PU 1 jt of 2-3/8" IPC tail pipe, 4" injection pkr (Arrowset with on/off tool), 2-3/8" IPC injection tbg, and TIH w/ pkr landed at 4525' (unset).
23. NDBOP
24. Circ pkr fluid.
25. Set pkr @ 4525'.
26. NUWH
27. Conduct ~~mock~~ MIT to 500 psi.
28. Notify foreman that the well is ready for a witnessed MIT.
29. RDMO

Liner Information attached.

MRU #351

LEA COUNTY, NM

30-025-20305

09/11/2012

Project Scope: Install 4" Flush Joint Liner from top perforation to surface

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Non Routine Equipment Needs:

4", 11.6#, L-80 Ultra Flush Joint – Purchased
4" wiper plug, ball, 4" crossover, 4" cementing pump out sleeve, 4" D&L casing packer (for cement job)
Lift Nubbins and Stabbing Cup – Rental
4" Packer
New Wellhead components for 4" Liner
Casing Crew
Cementing Services

Procedure:

1. Test anchors prior to rigging up.
2. MIRU WO Rig and record casing and tubing pressure.
3. Bleed pressure off of well.
4. NU BOP.
5. Unseat packer and TOOH with tubing and packer.
6. RIH with workstring and bit to TD and circulate clean. POOH LD bit.
7. PU and TIH with 4" D&L casing packer (for cement job), 4" cementing pump out sleeve, 4" crossover, 4", 11.6#, L-80, Ultra Flush Joint Casing to 4550'.
8. Establish circulation with brine fluid to load the hole.
9. Set packer at 4550'.
10. Drop ball to open port and establish circulation with brine fluid.
11. Rig up cement company.
12. Pump Class "C" cement until circulation is obtained and then displace with wiper plug and brine water. Shut BH valve prior to bumping plug.
13. ND BOP
14. Set slips for 4" casing.
15. Install bowl for 2-3/8" tubing.
16. NU BOP.
17. WOC.

Contact Information:

Jennifer Charbonneau – Asset Engineer
Cell – 281-785-4090
Office – 281-840-4050

Bob Akin - Foreman
Cell – 575-390-8007

18. Bleed well pressure down or kill well as necessary.
19. PU and RIH with 2 3/8" workstring and packer to 4525'.
20. Perform Acid Job
21. POOH and LD workstring and packer.
22. PU 1 jts of 2-3/8" IPC tail pipe, 4" injection packer (Arrowset with on off tool), 2-3/8" IPC injection tubing, and TIH with packer landed at 4525' (unset).
23. ND BOP.
24. Circulate packer fluid.
25. Set packer at 4,525'.
26. NU WH.
27. Conduct ~~mock~~ MIT to 500 PSI.
28. Notify foreman that the well is ready for a witnessed MIT.
29. RDMO.

See COA

Contact Information:

Jennifer Charbonneau – Asset Engineer
Cell – 281-785-4090
Office – 281-840-4050

Bob Akin - Foreman
Cell – 575-390-8007

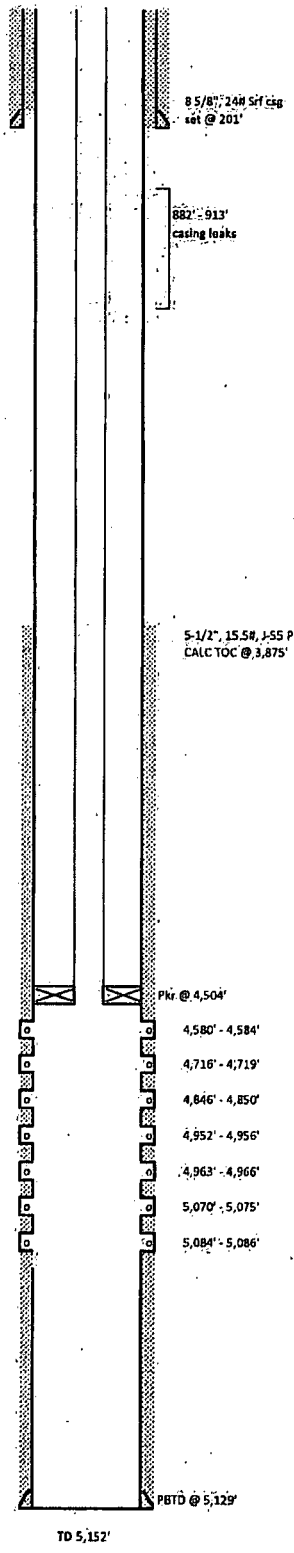
Well Name: **Mescalero Ridge Unit #351**

	Location:
Location	1980 FSL, 560 FEL SEC35-T19S-R34E
Section:	35
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Mescalero Ridge Unit
	Elevations:
GL:	3,703'
DF:	3,712'
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	History

Current Wellbore Diagram



Well Name:	Mescalero Ridge Unit #351
API No:	30-025-20302
Spud Date:	
WBD Update:	9/11/2012 M. Lake

Hole Size:	12 1/4"
Surf Csg:	8 5/8", 24# Surface csg
Cement Blend:	Cmt w/125 sxs
Returns:	
TOC:	Circ to Surface

Hole Size:	
Int Csg:	
Cement Blend:	
Returns:	
TOC:	

Details of Perforations

4,580' - 4,584' (4 Ft)
4,716' - 4,719' (3 Ft)
4,846' - 4,850' (4 Ft)
4,952' - 4,956' (4 Ft)
4,963' - 4,966' (3 Ft)
5,070' - 5,075' (5 Ft)
5,084' - 5,086' (2 Ft)

Tubing Detail	
Joints	Description
142	2-3/8", IPC 4.7#, J-55
Pkr Depth	4,504'

Rod Detail (top to bottom)	
Rods	Description

Pumping Unit:

Hole Size:	7 7/8"
Prod Csg:	5 1/2" 15.5# J-55
Capacity (bbl/ft):	
Cement Blend:	Cmt w/250 sxs
Returns:	
TOC:	3,875'
Hole Size:	
Prod Csg:	
Capacity (bbl/ft):	
Preflush:	
Depth	5,129'
Lead Cement Blend:	
Tail Cement Blend:	

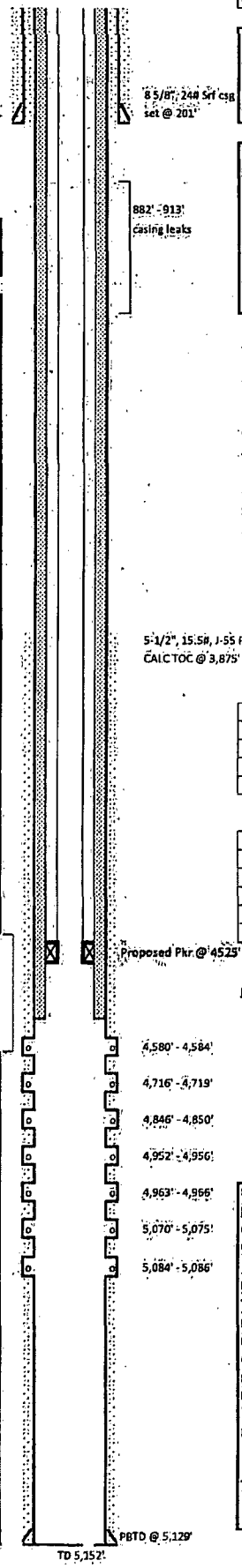
Well Name: **Mescalero Ridge Unit #351**

	Location:
Location	1980 FSL, 560 FEL SEC35-T19S-R34E
Section:	35
Block:	
Survey:	
County:	Lea
Lat/Long:	
Field:	Mescalero Ridge Unit
	Elevations:
GL:	3,703'
DF:	3,712'
KB-GL Calc:	
ck w/log?	

Logging Requirements:

Date	History

Proposed Wellbore Diagram



Proposed Liner Casing
4", 11.6#, L-80 Flush Joint Set @ 4550'

Well Name:	Mescalero Ridge Unit #351
API No:	30-025-20302
Spud Date:	11/16/1963
WBD Update:	9/11/2012 M. Lake

Hole Size:	12 1/4"
Surf Csg:	8 5/8", 24# Surface csg
Cement Blend:	Cmt w/125 sxs 24#
Returns:	
TOC:	Circ to Surface

Hole Size:	
Int Csg:	
Cement Blend:	
Returns:	
TOC:	

Details of Perforations

1 - 0.76 jet per foot
4,580' - 4,584' (4 Ft)

1 - 0.33 jet per foot
4,716' - 4,719' (3 Ft)
4,846' - 4,850' (4 Ft)
4,952' - 4,956' (4 Ft)
4,963' - 4,966' (3 Ft)
5,070' - 5,075' (5 Ft)
5,084' - 5,086' (2 Ft)

Tubing Detail	
Joints	Description
142	2-3/8", IPC 4.7#, J-55
Pkr Depth	4,504'

Rod Detail (top to bottom)	
Rods	Description

Pumping Unit:

Hole Size:	7 7/8"
Prod Csg:	5 1/2" 15.5# J-55
Capacity (bbl/ft):	
Cement Blend:	Cmt w/250 sxs
Returns:	
TOC:	3,875'
Hole Size:	
Prod Csg:	
Capacity (bbl/ft):	
Preflush:	
Depth	5,129'
Lead Cement Blend:	
Tail Cement Blend:	

TECHNICAL DATA SHEET

4" • 11.60# • L-80

ULTRA FJ™ Premium Connection

Pipe Dimensions		
Size:	4.000	inches
Nom Wt-ft:	11.60	lbs/ft
Grade	L-80	
PE Weight:	11.34	lbs/ft
Wall Thickness:	0.286	inches
Nominal OD:	4.000	inches
Nominal ID:	3.428	inches
Drift Diameter:	3.303	inches
Avg. Pipe Body Area:	3.355	sq-inches
Pipe Parameters		
Min. Yield:	80,000	psi
Min. Tensile:	95,000	psi
Pipe Body Performance		
Yield Load:	268,400	lbs
Tensile Load:	318,700	lbs
Min. Internal Yield Pressure:	10,010	psi
Collapse Pressure:	10,280	psi
Connection Parameters		
Connection OD:	4.020	inches
Pin ID (bored):	3.419	inches
Critical Section Area:	2.283	sq-inches
Yield Load in Tension:	182,600	lbs
Fracture Load:	210,600	lbs
Yield Load in Compression:	188,000	lbs
Make-Up Loss:	3.447	inches
Max. Uniaxial Bend Rating:	62	deg/100ft
Min. Internal Yield Pressure:	10,010	psi
Collapse Pressure:	10,280	psi
Minimum Make-Up Torque:	2,800	ft-lb
Optimum Make-Up Torque:	3,100	ft-lb
Maximum Make-Up Torque:	3,400	ft-lb
Yield Torque:	4,900	ft-lb
Efficiency-Tension:	68.0%	%
Efficiency-Compression:	70.1%	%

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

IPSCO

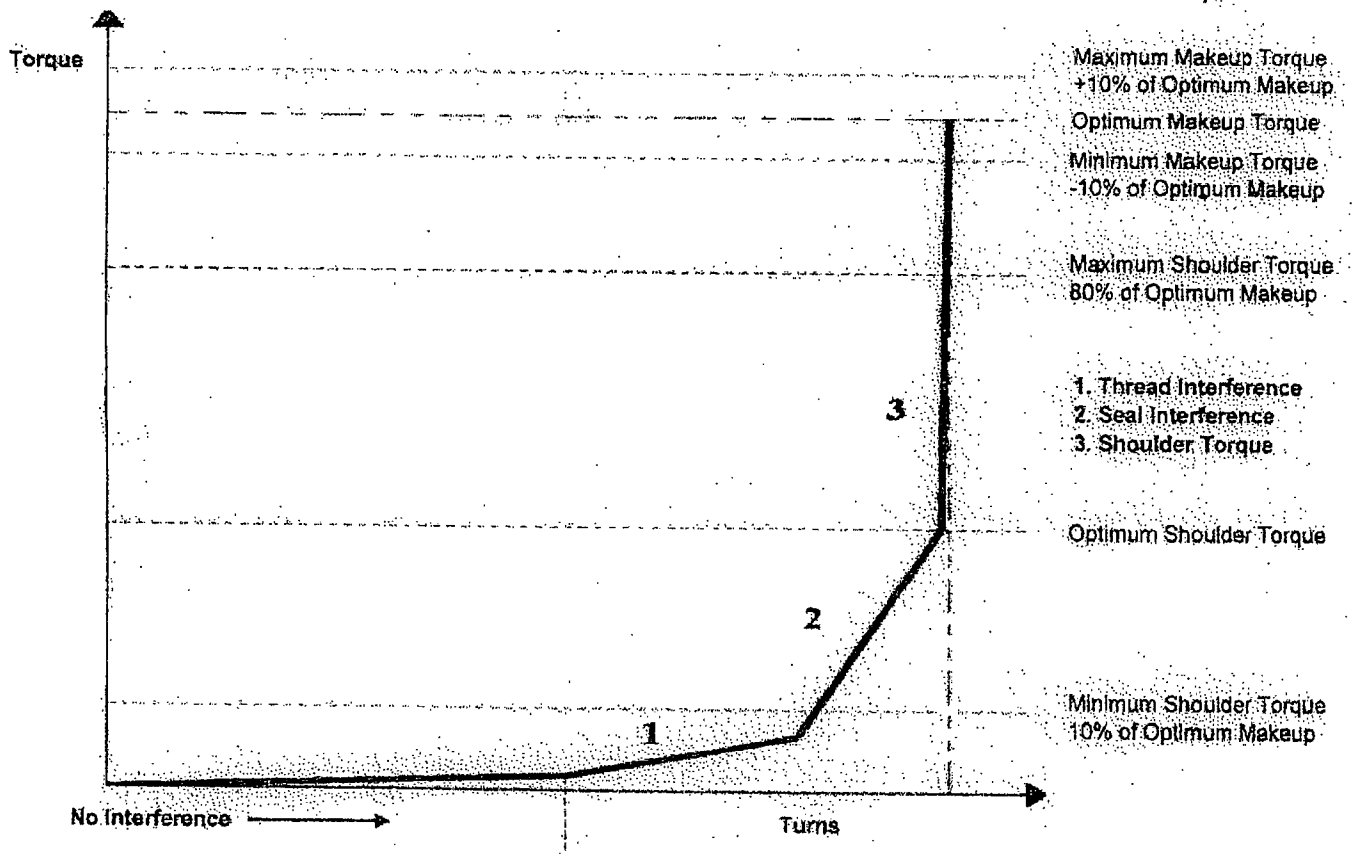
TECHNICAL DATA SHEET

4" • 11.60# • L-80

ULTRA FJ™ Premium Connection

Make-Up Torque (Ft-Lbs)

Minimum	Optimum	Maximum	Yield
2,800	3,100	3,400	4,900



For Help Please Call Our ULTRA Field Service Manager:

Mobile (432) 557-1916 **Office (432) 367-3201** **Fax (432) 332-5019**

Tel: 281-949-1023
Toll free: 888-258-2000

IPSCO

ULTRA Flush Joint Blanking Dimensions

ULTRA

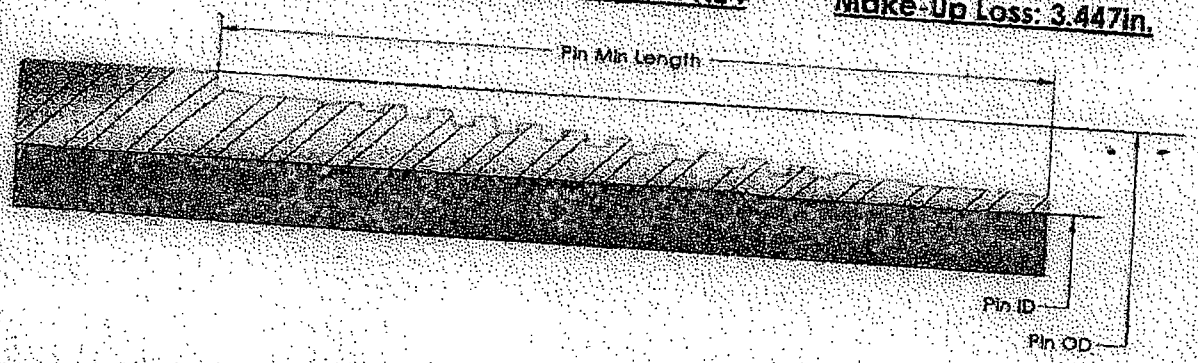
premium oilfield services

ULTRA Premium Oilfield Services
3333 Brazos Avenue
Odessa, TX 79764

(432) 337-2109 (432) 580-6607 Fax (432) 332-5019

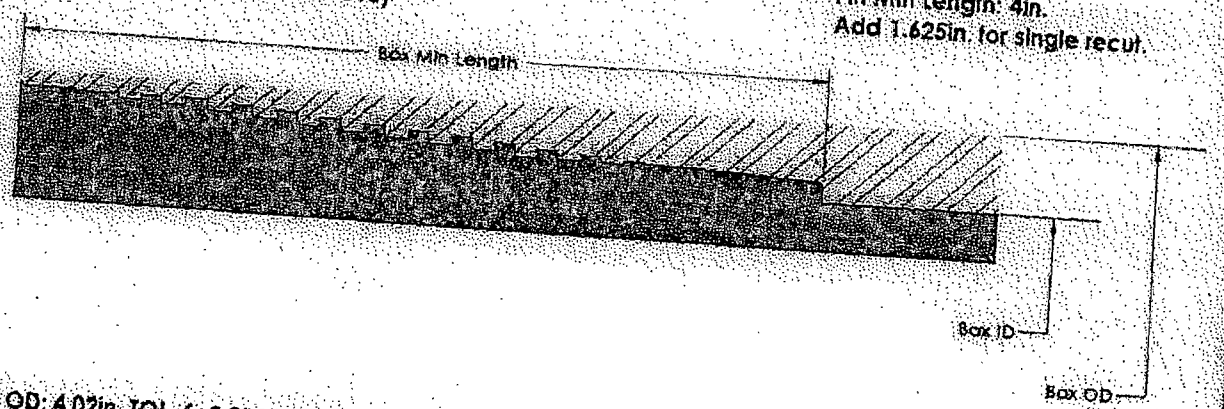
Size (inch)	Weight (#)	Wall Thickness (in.)
4	11.60	0.286

Drift Diameter: 3.303in. Plain End Weight: 11.34 Make-Up Loss: 3.447in.



Pin OD: 4.02in. TOL. (+0.030, -0.000)
Pin ID: 3.419in. TOL. (+0.000, -0.016)

Pin Min Length: 4in.
Add 1.625in. for single recut.



Box OD: 4.02in. TOL. (+0.030, -0.000)
Box ID: 3.448in. TOL. (+0.000, -0.030)

Box Min Length: 4in.
Add 1.25in. for single recut.

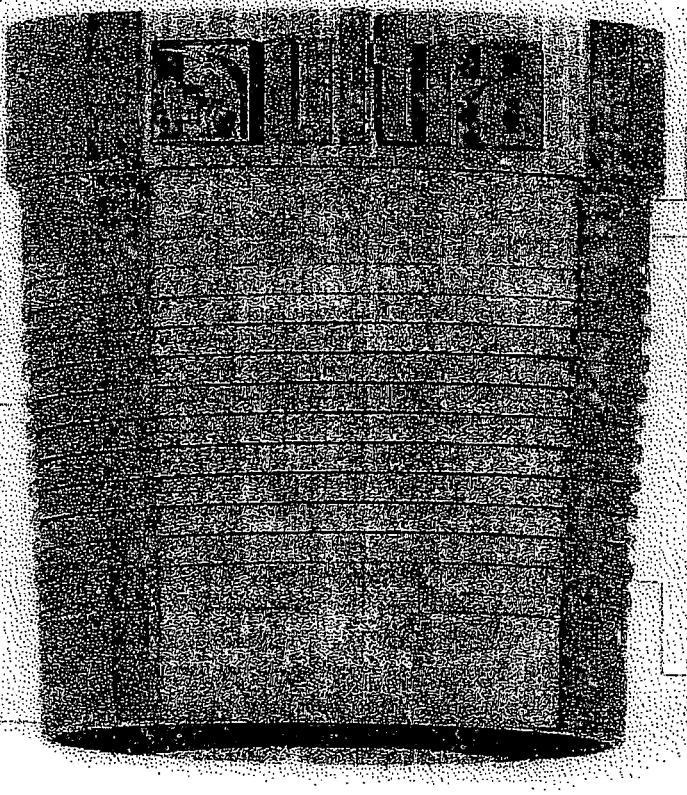
ULTRA Odessa
3333 Brazos Avenue
Odessa, Texas 79764
Tel: 432-337-2109

ULTRA Houston
8218 Miller Road #3
Houston, Texas 77049
Tel: 281-456-8400

TECHNICAL DATA SHEET

ULTRA FJ™ Premium Connection

The Strongest Flush-Joint Connection



FullContact™ Threads
- Compression Efficiency
- High tension and bending capacity
- Deep, easy stabbing and quick, easy make-up with no cross threading risk

Sphere-and-Cone Internal Metal Seal
- External factors (axial loads, temperature, dope, make-up torque) do not affect seal performance
- Connection can be tripped multiple times

Positive Torque Stop
- Reliability and connection performance

External Metal Seal
- Pressure Integrity

Run-in/Run-out Threads
- Maximum critical section area
- Increases overall connection strength.

Tel: 281-949-1023
Toll free: 888-268-2000

IPSCO

ACTIVITY:

Running Procedure – ULTRA Services Flush Joint (FJ)

General

The rig crew with supervision of a certified Field Service Technician shall conduct all running operations in accordance with API Recommended Practice 5C1. Additionally, they should observe all generally accepted good running practices and handling procedures for premium casing and proprietary connections when running casing with ULTRA-FJ connections. This includes, but is not limited to.

- Certified Field Service Technician supervision.
- Proper Equipment. (Note: ULTRA-FJ is not interchangeable between different weights of the same OD; all running equipment must be sized correctly and equipped with the correct threads.)
  - Drift.
  - Safety subs.
  - Handling subs.
  - Stabbing guide.
  - Any required cross-overs.
- Assembly tools:
  - Power Tongs properly calibrated and installed, with size specific jaws to grip the pipe evenly. (All torques provided in ft-lbs.)
  - Torque-turn monitor with a minimum sample rate of 500 samples per turn.
- Connections cleaned and visually inspected.
  - Do not clean with diesel as a solvent.
  - Do not use wire brushes.
- Connections properly doped (**important**, refer to doping instructions).
- Clean thread protectors reinstalled.
- Correct rig handling:
  - Soft lines or single joint elevators.
  - A stabber in the derrick.
  - Stabbing guide used during running.
  - Elevators unlatched during assembly.

ACTIVITY

Doping Procedure for ULTRA-FJ Connections

Prior to running, the crew should clean and dry both pin and box connections. This may be performed in separate operations. If so, an approved light lubricating oil and corrosion inhibitor may be applied to prevent surface rust. Thread dope may be applied directly to the connections without removing the light oil base, with supervision of the certified Field Service Technician.

After cleaning, the certified Field Service Technician should apply a **light, even coat** of API modified thread compound or equivalent (Best OF Life 2000).

- To the Threads and Seal Area of the Box.
- To the Seal Area of the Pin.

[Note: "API modified thread compound", refer to API Bulletin 5A2.]

[Note: "light coat" means that the machined thread profile can be clearly and distinctly seen, with no more than 30% of the thread grooves filled with dope.]

Recommended Make-up Torque for ULTRA-FJ

The operator shall assemble the connection to the torque specified by ULTRA Premium Oilfield Services. The torque specification shall be given by:

- A minimum torque.—the minimum torque to which the connection shall be assembled. (10% less than optimum torque).
- An optimum torque.—the nominal torque for best performance.
- A maximum torque. —highest recommended torque for normal operations. (10% greater than optimum torque).

A torque shoulder must be clearly visible. The shoulder torque should be greater than 10% and less than 80% of specified optimum torque. A sample torque turn chart accompanies this Recommended Procedure (**Figure 1**).

When using thread lock, add 10% to the assembly torque for proper make up.

Assembly Anomalies

If either of the following conditions occur, the certified Field Service Technician may: 1), breakout the connection, visually inspect the pin and box, and if judged to be in good condition, re-assemble the connection; or 2), contact ULTRA Premium Oilfield Services for further instructions.

- The shoulder torque is less than 10% or greater than 80% of specified optimum torque.
- The assembly torque exceeds the specified maximum torque.

Re-Assembly of ULTRA-FJ

If for any reason the crew disassembles the connection, even partially, they should completely disassemble, clean, and visually inspect the pin and box. A certified Field

ACTIVITY

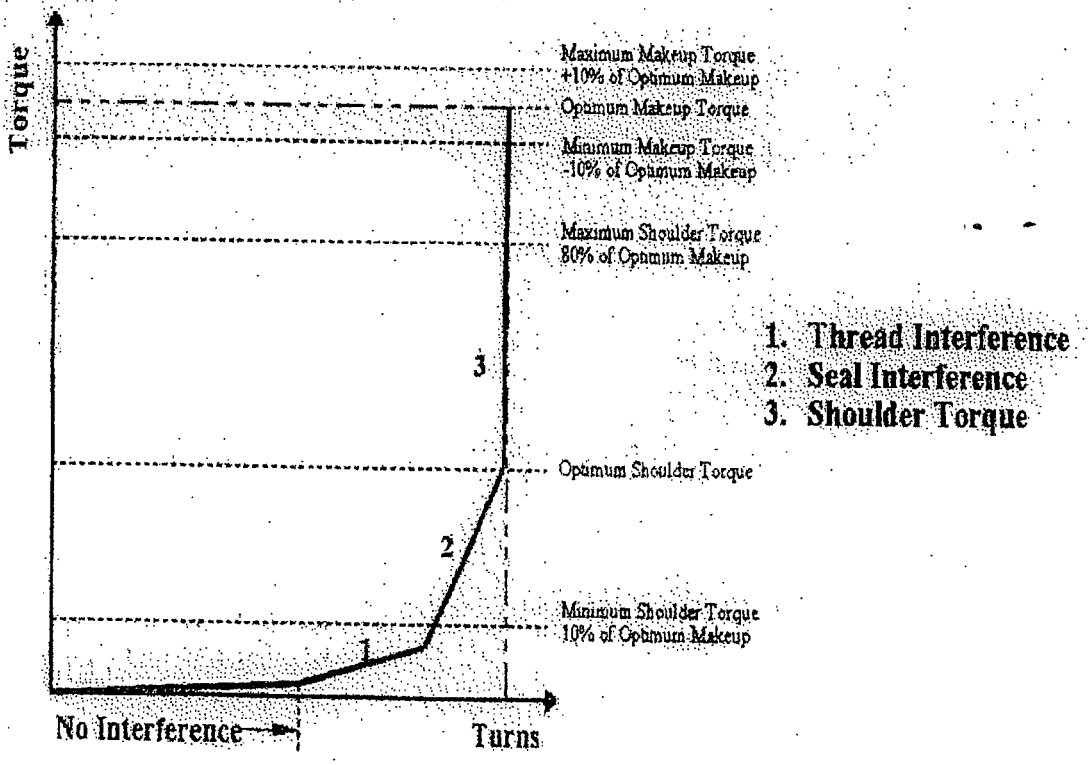
Service Technician may repair any minor tears or galls in the thread with: a file, stone, appropriate abrasive tool, and "Scotchbrite" or equivalent. The certified technician **may not repair the seal surfaces.**

If a qualified inspector determines that the connection is serviceable, the certified Field Service Technician shall spray the connection with an even coat of molybdenum disulfide spray (dry-moly), allow moly to dry, then re-dope the connection and re-assemble. This process may be done as many times as necessary.

Any subsequent make-up of the connection must be to a torque greater than the previous torque to which the connection has experienced. If a different pin is made-up into a box, the make-up torque must be greater than that which either pin or box member has experienced.

Figure 1.

Slope 1 => thread interference
Slope 2 => seal interference
Slope 3 => torque shoulder reached (Delta Torque)



ACTIVITY:

Field Service Technician Support Group:

Ultra Premium Oilfield Services, Odessa, Texas:
Fred Roberson; Office: (432) 367-3201. Cell: (432) 557-1916
24/7 (432) 580-6607

Ultra Premium Oilfield Services, Longview, Texas:
James Pittinger; Office: (903) 663-3499. Cell: (903) 399-9305

THANK YOU FOR CHOOSING THE ULTRA CONNECTION!

TECHNICAL DATA SHEET

4" • 11.60# • L-80

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:	88.0%	%
Efficiency - Compression:	70.1%	%
Optimum Torque:	3,100	ft-lb
Yield Torque:	4,900	ft-lb
Max. Uniaxial Bend:	62	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.

Tel: 281-949-1023
Toll free: 888-258-2000

IPSCO

Conditions of Approval

Linn Operating Incorporated
Mescalero Ridge Unit - 351
API 3002520302, T19S-R34E, Sec 35

November 26, 2012

1. This well's recorded activity has been inactive/shut-in for more than 30 days without authorization. An inactive/shut-in well bore is a non-producing completion that is capable of production in **paying quantities** or of service use. Should the mechanical integrity test fail or not be conducted submit a procedure to plug and abandon the well for BLM approval on or before 01/20/2013. A legitimate request is necessary for extension of that date.
2. Subject to like approval by the New Mexico Oil Conservation Division.
3. Surface disturbance beyond the existing pad shall have prior approval.
4. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
5. Functional H_2S monitoring equipment shall be on location.
6. A 2000 (2M BOPE to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 (attachment 1, 2M diagrams of choke manifold equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
7. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
8. Approval is granted for disposal of water produced from the lease or communitization/unit agreement of this well only. An additional request (including authorization from the surface owner) is required for the well to receive other disposal fluids.
9. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.

Well with a Packer - Operations

1) Conduct a Mechanical Integrity Test of the tubing/casing annulus after a tubing, packer or casing seal is established. Repair that seal any time more than five barrels of packer fluid is replaced within 30 days.
2) The minimum test pressure should be 500 psig for 30 minutes or 300 psig for 60 minutes, with 200 psig differentials between tubing and casing pressure (at test time) but no more than 70% of casing burst pressure as described by Onshore Order 2.III.B.1.h. (The tubing or reservoir pressure may need to be reduced). An alternate method for a BLM approved MIT is to have the fluid filled system open to atmospheric pressure and have a loss of less than five barrels in 30 days witnessed by a BLM authorized officer.
3) Document the pressure test on a calibrated recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.
4) At least 24 hours before the test: In Lea County email Andy Cortez acortez@blm.gov, (phone 575-393-3612 or 575-631-5801). Note the contact notification method, time, & date in your subsequent report.
5) Submit a subsequent Sundry Form 3160-5 relating the MIT activity. Include a copy of the recorded MIT pressure chart. List the name of the BLM witness, or the notified person and date of notification. NMOCD is to retain the original recorded MIT chart.
6) Use of tubing internal protection, tubing on/off equipment just above the packer, a profile nipple, and an in line tubing check valve below the packer or between the on/off tool and packer is a "Best Management Practice". The setting depths and descriptions of each are to be included in the subsequent sundry. List (by date) descriptions of daily activity of any previously unreported wellbore workover.
7) **Submit the original subsequent sundry with three copies to BLM Carlsbad.**
8) Compliance with a NMOCD Administrative Order is required, submit documentation of that authorization.
   a) Approved injection pressure compliance is required.
   b) If injection pressure exceeds the approved pressure you are required to reduce that pressure and notify the BLM within 24 hours.
   c) When injection pressure is within 50 psig of the maximum pressure, install automation equipment that will prevent exceeding that maximum. Submit a subsequent report (Sundry Form 3160-5) describing the installed automation equipment within 30 days.
9) Unexplained significant variations of rate or pressure to be reported within 5 days of notice.
10) The casing/tubing annulus is required to be monitored for communication with injection fluid or loss of casing integrity. A BLM inspector may request verification of the annular fluid level at any time.

11) A "Best Management Practice" is to maintain the annulus full of packer fluid at atmospheric pressure. Equipment that will display on site, continuous open to the air fluid level is necessary to achieve this goal.
12) Loss of packer fluid above five barrels per month indicates a developing problem. Notify BLM Carlsbad Field Office, Petroleum Engineering within 5 days.
13) A suggested format for monthly records documenting that the casing annulus is fluid filled is available from the BLM Carlsbad Field Office.
14) Gain of annular fluid requires notification within 24 hours. Cease injection and maintain a production casing pressure of 0psia. Notify the BLM's authorized officer ("Paul R. Swartz" <pswartz@blm.gov>, cell phone 575-200-7902). If there is no response phone 575-361-2822.
15) Submit a (Sundry Form 3160-5) subsequent report (daily reports) describing all wellbore activity and Mechanical Integrity Test as per item 1) above. Include the date(s) of the well work, and the setting depths of equipment: internally corrosive protected tubing, tubing on/off equipment just above the packer, and an in-line tubing check valve below the packer or between the on/off tool and packer. The setting depths and descriptions of each are to be included in the subsequent sundry. List (by date) descriptions of daily activity of any previously unreported wellbore workover.

Access information for **use of Form 3160-5** "Sundry Notices and Reports on Wells"

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.