Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD
JUL 09 2014
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-05306 ✓
5. Indicate Type of Lease STATE ☐ FEE ☒ ✓
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Denton SWD ✓
1. Type of Well: Oil Well ☐ Gas Well ☒ Other SWD ✓
8. Well Number 3 ✓
2. Name of Operator: Fasken Oil and Ranch, Ltd. ✓
9. OGRID Number: 151416 ✓
3. Address of Operator: 6101 Holiday Hill Road, Midland, TX 79707
10. Pool name or Wildcat: SWD; Wolfcamp-Penn-Miss-Devonian

4. Well Location
Unit Letter M : 660' (330') feet from the South line and 330' feet from the West line
Section 12 Township 15S Range 37E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3576' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☒	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☒						
OTHER:	☐			OTHER:	☐		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

6-26-14 – 7-1-14

RU pump truck and pressured up to 360 psi and lost 100 psi in 35 minutes. Attempted to test well again two more times with the same results. Please see attached charts. Shut well in and will MIRU as soon as possible to make the necessary repairs. Please see attached procedure.

A closed loop pit system will be used while performing this work.

The Oil Conservation Division MUST BE NOTIFIED 24 Hours Prior to the beginning of operations

Condition of Approval: notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

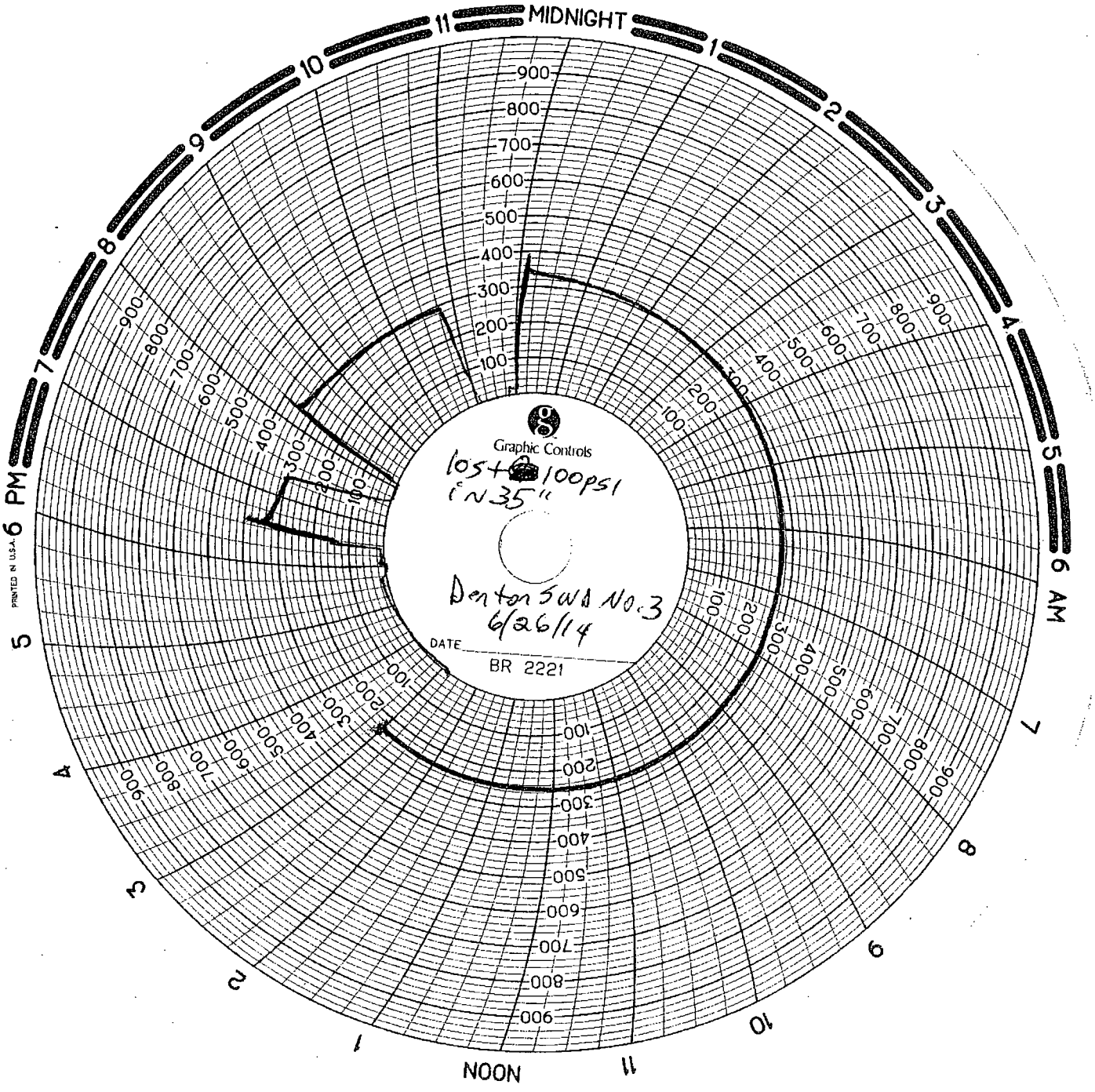
SIGNATURE Kim Tyson TITLE Regulatory Analyst DATE 7-9-2014

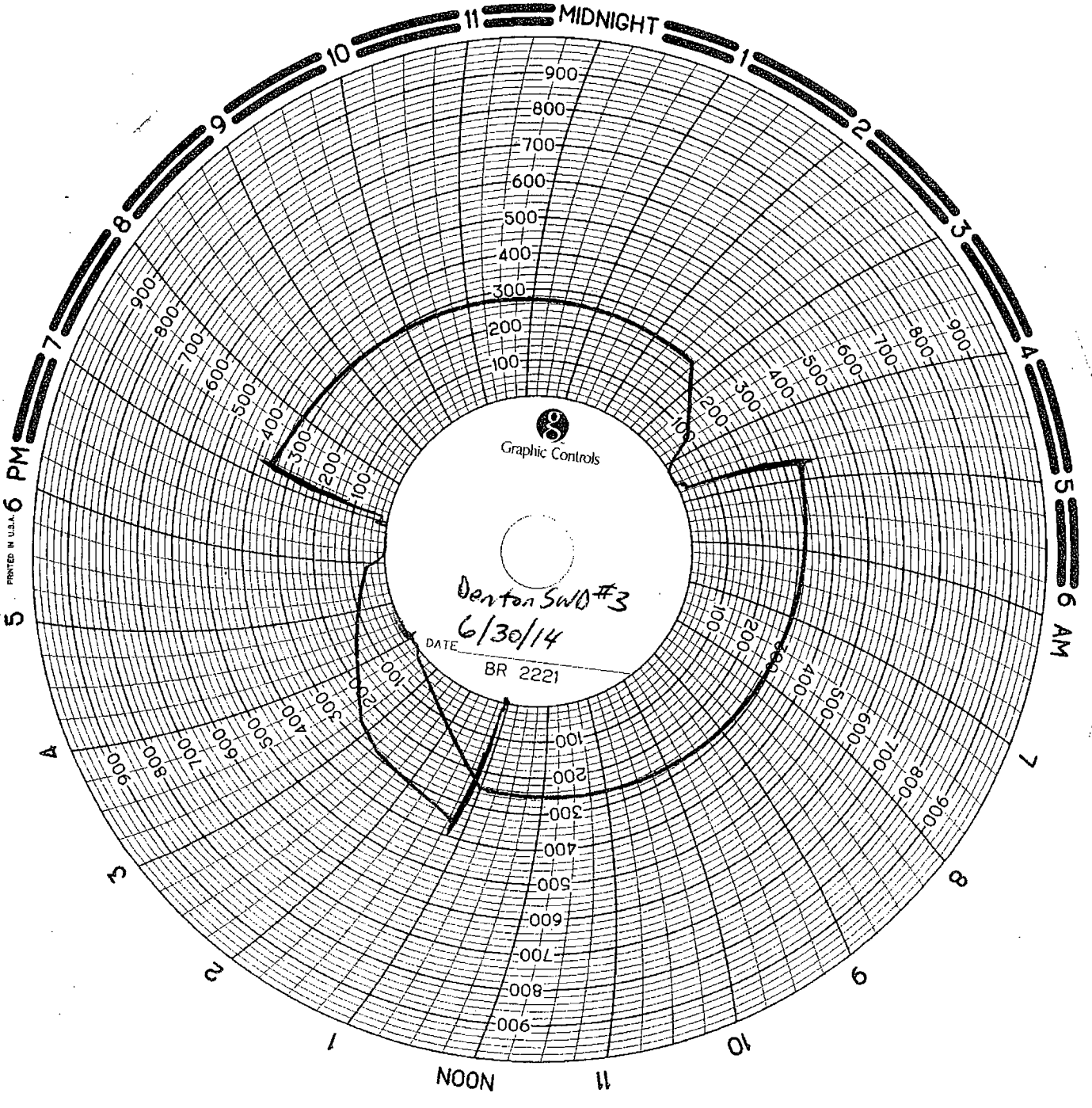
Type or print name Kim Tyson E-mail address: kimt@forl.com PHONE: 432-687-1777

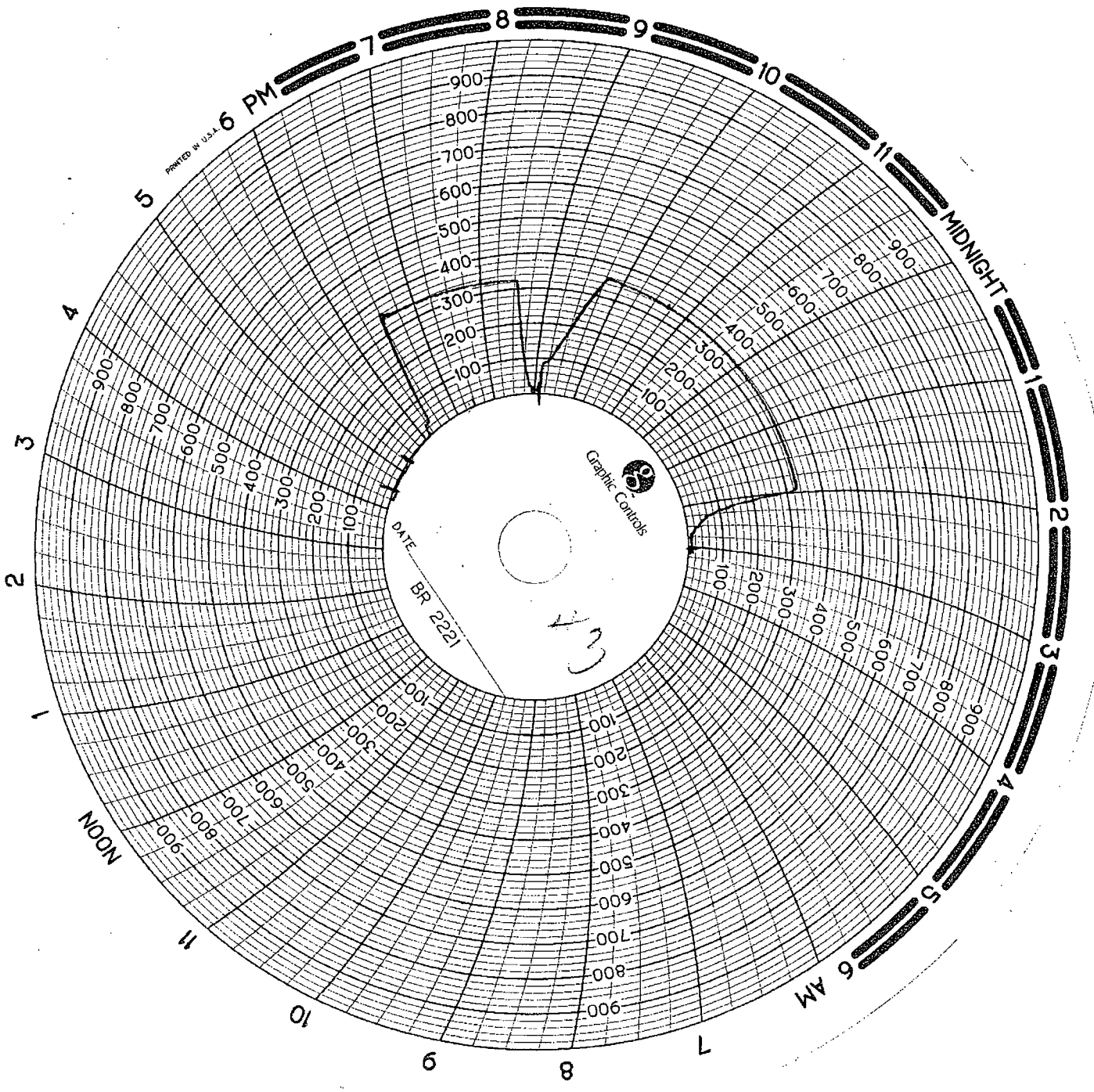
For State Use Only

APPROVED BY: Maley Brown TITLE Dist. Supervisor DATE 7/9/2014
Conditions of Approval (if any):

JUL 10 2014


MIDNIGHT
NOON
6 PM
6 AM
Graphic Controls
105+@100psi
i"N35"
Denton SWD No.3
6/26/14
DATE
BR 2221
PRINTED IN U.S.A.


MIDNIGHT
NOON
6 AM
6 PM
Graphic Controls
Denton SWD #3
6/30/14
DATE
BR 2221
PRINTED IN U.S.A.


6 PM
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Graphic Controls
DATE
BR 2221
PRINTED IN U.S.A.

Denton SWD No. 3
Repair 7" Casing
A.F.E. No 3047
API: 30-025-05306

KB: 16' above GL
TD: 10,100', PBTD: 10,093'
Casing: 13-3/8" 48# @ 406' TOC circulated
9-5/8" 36-40# @ 4784' cemented w/ 3000 sxs. TOC N/A
7" 23,26& 29# liner @ 4573'-9427' cemented w/ 225 sxs. TOC N/A
3 ½" FG perforated liner set @ 9349'-10,093'
Perfs: 9220'-9300' Sqzd May,1988. Bad csg. 6204'-6500' Sqzd. Jan.,2000
Pkr: 7" NP Baker Lok-Set packer @ 9349' with "FL" TOSSD on-off tool
Casing Leaks: 2/00: 6204'-6454' sqz'd three times before successful.
2/09: 977'-1073' sqz'd w/ 3 bbls Flochek, 200 sx Class C w/ 2% CaCl2 and 50 sx Micro Matrix.
2/09: 9056'-9340' (1988 Wolfcamp Perfs sqz'd w/ 150 sx Class H) sqz'd w/ 36 sx MicroMatrix

1. Notify New Mexico OCD office prior to rigging up on well of intent to repair well.
2. Make sure rig mast anchors have been tested and tagged in last 24 months. Need handling tools, pin end thread protectors and casing crew for 4-1/2" EUE 8rd injection tubing (casing)
3. Shut well in overnight prior to rigging up on well.
4. Set 2 rig mats, cat walk and 3 sets pipe racks.
5. Receive and set half-frac workover tank on location and 3000# Hydraulic BOP equipped with 4-1/2" pipe rams and blind rams. Will need to also have set of 2-7/8" pipe rams on location. Build flowline from wellhead to workover tank.
6. Set frac tank and fill with 450 barrels 10 ppg brine water. Make sure to weigh water with mud scales after 1st load is put into tanks to ensure weight is 10 ppg.
7. RUPU.
8. RU full reverse unit. Weigh water in frac tank and if needed roll tank before pumping into well. Make sure the water is 10 ppg.
9. RU on top of injection tee on top of 4-1/2" tubing and pump 80-100 barrels of 10 ppg brine water down 4-1/2" tbg to kill well. SD 30 minutes to let well stabilize.
10. ND wellhead and injection valve.
11. PU 4-1/2" X 2" swedge and 4-1/2" casing lift sub from Denton yard and move to location.
12. ND valve on top of 4-1/2" and screw 4-1/2" lift sub into top of extended neck hanger flange. Install 4-1/2" X 2" swedge with ball valve in top of lift sub. PU set 4-1/2" slips under flange and slack off leaving weight hanging in slips. Remove sub from top of flange and break off flange. Install lift sub in top of hanger mandrel and PU high enough to remove hanger mandrel from top joint of casing. Install collar on top joint of casing.
13. NU 3000# BOP with 4-1/2" pipe rams and blind rams. .
14. Attempt to release 7" big bore Arrowset 1X packer holding right hand torque while sitting down and picking up to 4-8K over string weight working right hand torque down to packer.
15. If needed kill tubing again. Attempt to release 7" Arrowset packer. If unable to get packer to release then release TOSSD overshot and will run in with workstring and get packer loose.

16. RU casing crew, POW and LD top joint of casing. Have reverse unit trickle brine water down annulus while POW and LD 4-1/2" IPC tubing. ***MAKE SURE TO INSTALL GOOD PIN END THREAD PROTECTORS ON 4-1/2" ICP TUBING WHILE LD PIPE. Have rag on floor and wipe each pin end clean while pulling out of well. Check for any damaged or cracked coating while pulling pipe. Discard any bad pipe off to side of racks.***
17. Don't let pipe turn in slips while breaking out casing. Do not allow pipe to turn to the left or TOSSD overshot can release and leave packer in well.
18. POW with 4-1/2" tubing and LD packer and send packer and TOSSD in for repairs. Send 4-1/2" in for repairs to IPC as needed.
19. Receive on separate pipe racks than casing +/-10,200' of 2-7/8" EUE 8rd N80 workstring. If you were unable to release Arrowset 1X casing packer with 4-1/2" IPC tubing then will fish packer with workstring.
20. If needed RIW with TOSSD overshot and engage Arrowset 1X packer and release packer. POW and LD packer and TOSSD.
21. RIW with 7" 23-29# RBP and packer on 2-7/8" EUE 8rd N80 workstring and set RBP at +/-9350' and pressure test to 1500 psi.
22. POW and isolate casing leak to within 30' if possible. Establish pump in rate if possible up to 1000 psi.
23. A squeeze cement recommendation will follow after a pump in rate is determined.
24. Squeeze casing leak as per cement company recommendation and drill out squeeze with 6-1/8" mill toothed bit, bit sub, 6 – 4" drill collars, x-o and 2-7/8" workstring. Circulate well clean with 10 ppg brine water.
25. Pressure test squeeze to 400 psi on chart recorder for 35". If test is successful, RIW and wash sand off of RBP. POW and LD BHA.
26. RIW with RBP retrieving head and workstring and recover RBP. POW and LD tools.
27. RIW with repaired injection packer and workstring and set packer 1' above previous set point 11' above 7" Lok-Set packer at 9371'.
28. Pressure test tubing/casing annulus to 400 psi on chart recorder for 35" to be sure packer is holding. If test is successful, then POW and LD workstring.
29. Take delivery of repaired 4-1/2" 11.60# LT&C IPC casing and RU pick up machine and casing crew and RIW with TOSSD and 4-1/2" casing. Tag packer and space out to land 4-1/2" in 20K compression.
30. Pick up 1' above injection packer and reverse circulate well with 10 ppg brine water containing 1% CI-811 for packer fluid and engage TOSSD.
31. ND BOP, NUWH and pressure test tubing/casing annulus to 400 psi for 35" on chart recorder. If test is successful then schedule test with NMOCD.
32. RDPU and clean location and release all rental equipment.
33. Return well to injection after approval received from NMOCD.

PROVIDE 24hrs NOTICE PRIOR TO CHART TEST. MSS.

SRF

7-7-14

(AFE_3047_Denton SWD 3_Repair Casing Leak pro070714.doc)