Submit 3 Copies To Appropriate District	State of New Me			Form C-103
Office District I	Energy, Minerals and Natur			May 27, 2004
1625 N. French Dr., Hobbs, NM 87240		1	WELL API NO.	204
District II 1301 W. Grand Ave., Artes 2, NM 82210	OIL CONSERVATION		30-015-28 5. Indicate Type of Le	
District III 1000 Rio Brazos Rd., Aztec, Na	1220 South St. Fra	uicis Di.		FEE 🗆
District IV	Santa Fe, NM 8			
1220 S. St. Francis Dr., Sant 3, 187505		OCD-ARTES	6. State Oil & Gas Le SIA - 9706	ease No.
SUNDRY NOTIC	ES AND REPORTS ON WEL		7. Lease Name or Un	it Agreement Name:
I (DO NOT USE THIS FORM FOR PROPO	SALS TO DRILL OR TO DEEPEN (OR PLUG BACK TO A	North Indian Basi	
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	ATION FOR PERMIT" (FORM C-10	1) FOR SUCH	NMNM709998A	
1. Type of Well:		[8	8. Well Number	
Oil Well Gas Well X	Other		20	
2. Name of Operator		!	9. OGRID Number	
Marathon Oil Company			14021	
3. Address of Operator	77050 0407		10. Pool name or Wil	
P.O. Box 3487 Houston, TX 4. Well Location	//253-348/	<u>L</u>	<u>Indian Basin Morr</u>	ow (78960)
4. Well Location				
Unit Letter K:	1650 feet from the Sou	th line and	2310 feet from t	he <u>West</u> line
Santian 2	The	D 00F	ND 4703-4	C
Section 2	11. Elevation (Show whether			County Eddy
		736'		14.000
Pit or Below-grade Tank Application	or Closure			
Pit type Depth to Groundwater .	Distance from nearest fresh	n water well Dista	nce from nearest surface	water
Pit Liner Thickness: mil	Below-Grade Tank: Volume	bbls; Construction	Material	
12 Cha-l- A	nnranriata Day ta Indianta	Noture of Notice I	Panart or Other D	N-4-
12. Check A	iddiodiale box to mulcate	HNALINE OF INDUCE, I	COUL OF OTHER D	vala
	Appropriate Box to Indicate		•	
NOTICE OF INTE	ENTION TO:	SUBS	SEQUENT REPO	RT OF:
NOTICE OF INTE	ENTION TO: PLUG AND ABANDON —	SUBS REMEDIAL WORK	SEQUENT REPO	ORT OF: ALTERING CASING —
NOTICE OF INTE	ENTION TO:	SUBS	SEQUENT REPO	ORT OF: ALTERING CASING PLUG AND
NOTICE OF INTE	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND	SEQUENT REPO	ORT OF: ALTERING CASING —
NOTICE OF INTE	ENTION TO: PLUG AND ABANDON CHANGE PLANS	SUBS REMEDIAL WORK COMMENCE DRILLIN	SEQUENT REPO	ORT OF: ALTERING CASING PLUG AND
NOTICE OF INTERPERSON TEMPORARILY ABANDON DULL OR ALTER CASING	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB	GEQUENT REPO	ORT OF: ALTERING CASING PLUG AND ABANDONMENT
NOTICE OF INTERPERSON PERFORM REMEDIAL WORK TEMPORARILY ABANDON DULL OR ALTER CASING OTHER:	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t	GEQUENT REPO	ORT OF: ALTERING CASING PLUG AND ABANDONMENT
NOTICE OF INTERPERSON TEMPORARILY ABANDON DULL OR ALTER CASING	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all pe	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to	GEQUENT REPORTS IG OPNS. CO Morrow Description of the control o	PLUG AND ABANDONMENT
NOTICE OF INTERPERSON PERFORM REMEDIAL WORK TEMPORARILY ABANDON DULL OR ALTER CASING OTHER: 13. Describe proposed or completed	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all pe	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to	GEQUENT REPORTS IG OPNS. CO Morrow Description of the control o	PLUG AND ABANDONMENT
NOTICE OF INTERPERSON REMEDIAL WORK TEMPORARILY ABANDON DULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion.	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all per SEE RULE 1103. For Multiple	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t	GEQUENT REPORTS OF SEQUENT	PLUG AND ABANDONMENT Altering Casing PLUG AND ABANDONMENT Ing estimated date roposed completion
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon 0il Company has	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see the see t	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t rtinent details, and give to the completions: Attach with the complete to the	GEQUENT REPORTS IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production
NOTICE OF INTERPERSON REMEDIAL WORK TEMPORARILY ABANDON DULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion.	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see the see t	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t rtinent details, and give to the completions: Attach with the complete to the	GEQUENT REPORTS IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon 0il Company has	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see the see t	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t rtinent details, and give to the completions: Attach with the complete to the	GEQUENT REPORTS IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon 0il Company has	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see the see t	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t rtinent details, and give to the completions: Attach with the complete to the	GEQUENT REPORTS IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon 0il Company has	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see the see t	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t rtinent details, and give to the completions: Attach with the complete to the	GEQUENT REPORTS IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon 0il Company has	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see the see t	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete t rtinent details, and give to the completions: Attach with the complete to the	GEQUENT REPORTS IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON TEMPORARILY ABANDON TO THER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon Oil Company has of from the Morrow formation.	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION Toperations. (Clearly state all persent see attachment for Please see attachment for	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to the completions: Attach with the completions of performance details of performance details of performance complete the complete the completions of performance details d	GEQUENT REPORT IG OPNS. CO Morrow Pertinent dates, include wellbore diagram of properties of the p	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production obs.
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING OTHER: 13. Describe proposed or completed of starting any proposed work). or recompletion. Marathon 0il Company has	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see attachment for present see attachment for present strue and complete to the proverse true and complete to the	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to the completions: Attach with the completions of performance details det	GEQUENT REPORTS OF THE PORTS OF	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production obs.
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON TEMPORARI	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persent see attachment for present see attachment for present strue and complete to the proverse true and complete to the	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to rtinent details, and give to completions: Attach with the completions of performance of the completions of performance of the completions of	GEQUENT REPORT OF A STATE OF A ST	PLUG AND ABANDONMENT Ing estimated date roposed completion O on production obs.
NOTICE OF INTERPERSORM REMEDIAL WORK TEMPORARILY ABANDON TEMPORARI	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persecond	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to the completions: Attach with the completions: Attach with the completions of performance of the completions of th	GEQUENT REPORT IN THE PORT IN	PLUG AND ABANDONMENT Ing estimated date roposed completion on production obs. It with that any pit or belowitive OCD-approved plan ATE 06/08/2007
NOTICE OF INTERPERFORM REMEDIAL WORK TEMPORARILY ABANDON TEMPORARI	ENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPLETION I operations. (Clearly state all persecond	SUBS REMEDIAL WORK COMMENCE DRILLIN CASING TEST AND CEMENT JOB OTHER: Complete to the completions: Attach with the completions: Attach with the completions of performance of the completions of th	GEQUENT REPORT IN THE PORT IN	PLUG AND ABANDONMENT In gestimated date roposed completion O on production obs. The color observed plan ATE 06/08/2007

_ TITLE_

_DATE __

For State Use Only

APPROVED BY_

Conditions of Approval, if any:

FOR RECORDS ONLY

North Indian Basin Unit No 20 Complete to Morrow Formation

 05/04/2007 MIRU PU. RIH w/ 7" casing scraper & bit on 75 jts 2 3/8" tbg. SI well. 05/07/2007 Pick up RIH w/ 149 jts 3 ½" L-80 tbg. Tag top of liner @ 7195". POH laid down 7" csg scrapper & bit. PU RIH w/ 3 7/8" bit on 4 ½" csg scrapper on 75 jts 2 3/8" tbg, and 149 jts 3 ½" tbg. Tag cement @ 7635. Clean out to 7672" SI well. 05/08/2007 Drill out cement to float collar @ 7672" on scab liner. Drill and clean liner to 9420", unable to drill past this point. POOH w/ bit. Bit worn out. Laid down 2 3/8" tbg. RIH w/ 3 ½" tbg for kill string. SI well. 05/09/2007 POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3 ½" tbg to 9420". Drill out to float collar on original liner @ 9558". Drill collar and clean out to PBTD @ 9608". Bottom of liner @ 9660". 05/10/2007 RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. 05/11/2007 Pickled tubing only. SI well. 05/14/2007 Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 js 2 7/8" tbg, XO, 7104.74" of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. 05/15/2007 Picked up tbg 19.3" to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. 05/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire	05/04/2007	мірпрітрі	H w/ 7" casing s	craper & hit on	75 its 2 3/8" tha SI well		
down 7" csg scrapper & bit. PU RIH w/ 3 7/8" bit on 4 1/2" csg scrapper on 75 jts 2 3/8" tbg, and 149 jts 3 1/2" tbg. Tag cement @ 7635. Clean out to 7672" SI well. Drill out cement to float collar @ 7672" on scab liner. Drill and clean liner to 9420°, unable to drill past this point. POOH w/ bit. Bit worn out. Laid down 2 3/8" tbg. RIH w/ 3 1/2" tbg for kill string. SI well. O5/09/2007 POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3 1/2" tbg to 9420°. Drill out to float collar on original liner @ 9558°. Drill collar and clean out to PBTD @ 9608°. Bottom of liner @ 9660°. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. O5/11/2007 Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74" of C 1/2" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. O5/15/2007 Picked up tbg 19.3" to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. Wo slick line. Fished firing bar. SI Well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. Wo slick line. Fished firing bar. SI Well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. Wo							
2 3/8" tbg, and 149 jts 3 ½" tbg. Tag cement @ 7635. Clean out to 7672" SI well. Drill out cement to float collar @ 7672" on scab liner. Drill and clean liner to 9420', unable to drill past this point. POOH w/ bit. Bit worn out. Laid down 2 3/8" tbg. RIH w/ 3½" tbg for kill string. SI well. POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3½" tbg to 9420'. Drill out to float collar on original liner @ 9558'. Drill collar and clean out to PBTD @ 9608'. Bottom of liner @ 9660'. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74" of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi. Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator too	03/07/2007						
O5/08/2007 Drill out cement to float collar @ 7672 " on scab liner. Drill and clean liner to 9420 , unable to drill past this point. POOH w/ bit. Bit worn out. Laid down 2 3/8" tbg. RIH w/ 3 ½" tbg for kill string. SI well. POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3 ½" tbg to 9420°. Drill out to float collar on original liner @ 9558 °. Drill collar and clean out to PBTD @ 9608 °. Bottom of liner @ 9660 °. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. O5/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. O5/15/2007 Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi. Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/							
9420', unable to drill past this point. POOH w/ bit. Bit worn out. Laid down 2 3/8" tbg. RIH w/ 3 ½" tbg for kill string. SI well. POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3 ½" tbg to 9420'. Drill out to float collar on original liner @ 9558'. Drill collar and clean out to PBTD @ 9608'. Bottom of liner @ 9660'. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram c	05/08/2007						
2 3/8" tbg. RIH w/ 3 ½" tbg for kill string. SI well. POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3 ½" tbg to 9420". Drill out to float collar on original liner @ 9558". Drill collar and clean out to PBTD @ 9608'. Bottom of liner @ 9660'. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. O5/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9	03/00/2007						
POH w/ killstring. RIH w/ new bit, on 73 jts 2 7/8" L-80 tbg. Cont in hole w/ 3 ½" tbg to 9420". Drill out to float collar on original liner @ 9558". Drill collar and clean out to PBTD @ 9608". Bottom of liner @ 9660". 8U Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. 9OOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74" of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3" to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi. Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. O5/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.			-	<u> </u>			
w/ 3 ½" tbg to 9420'. Drill out to float collar on original liner @ 9558 '. Drill collar and clean out to PBTD @ 9608 '. Bottom of liner @ 9660 '. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. O5/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. O5/15/2007 Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi. Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. O5/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	05/00/2007						
collar and clean out to PBTD @ 9608'. Bottom of liner @ 9660'. RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. 05/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. 05/15/2007 Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. 05/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. 05/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass we severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	03/09/2007						
RU Halliburton acid trucks. Spot 1000 gals 15% HCL down tbg. Could not pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. 05/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. 05/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. 05/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
pump. Reverse acid back to truck. Spotted acid down casing annulus and reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. 105/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. 105/14/2007 Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. 105/15/2007 Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. 105/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. 105/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	05/10/2007						
reversed through tbg due to partially plugged bit jets. Circ Clean RD Halliburton. Pickled tubing only. SI well. 105/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. 105/14/2007 Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. 105/15/2007 Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. 105/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. 105/17/2007 RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	03/10/2007						
Pickled tubing only. SI well. POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
O5/11/2007 POOH w/ bit and mill. RIH w/ killstring. SI well. Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.		Pickled tubing	only SI well	really plugged o	it jets. ene clean RD Hamourton.		
Strapped Tbg & 3 3/8" tubing guns. RIH w/ guns, firing head, sub, ported sub, glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	05/11/2007			killstring SI we	-11		
glass disc, 2' sub, WN profile, PLS packer, on/off tool, 2 jts 2 3/8" tbg, XO, 71 jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. 05/15/2007 Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. 05/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
jts 2 7/8" tbg, XO, 7104.74' of C ½" L-80 tbg. Hydrotested in hole to 9000 psi. RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
RIH w/ ccl and gamma tool to correlate on depth using Baker Atlas OHL.SI well. Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
Picked up tbg 19.3' to get on depth w/ logs. Nipple up FMC 5000 series frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
frac assembly. Set pkr and nipple up frac valve. Load casing w/ 7% KCL water and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	05/15/2007						
and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
down discharge lines, but lines would not blow down frac valve leaking. SD w/ attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.		and test pkr to 1000 psi. RU Halliburton Nitrogen. Test lines to 2000 psi Opened frac valve and loaded tbg, pressured up to 1500 psi. Attempted to blow down discharge lines, but lines would not blow down frac valve leaking. SD w/					
attempt to blow down over night. SI well. O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
O5/16/2007 Changed out frac valve. RU HES N2. Press up tbg to 1500 psi. Dropped bar to perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
perforate. Guns did not fire. WO slick line. Fished firing bar. SI Well. RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
RU HES coiled tbg unit. Installed Baker Pneumatic actuator unit. RIH w/ coiled tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	05/16/2007						
tbg and tool. RU N2 unit & jetted f/ 9300' down to vent assemble glass actuator. Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 °phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
Ensured glass ws severed. Cont below vent to fill above firing head. Jetted appx 6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 ophasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	05/17/2007						
6' fill off firing head. Press tbg to 1500 psi w/ N2. Fired guns w/ Baker actuator tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
tool. TP climbed to 3000 psi in 20 min. POOH w/ coil tbg. Released Halliburton N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 "phasing 6 JSPF, in 2 intervals 9480"-9488 & 9492-9512".							
N2 and CT crews. Opened well to flowback. Perforated w/ 3 3/8" EHC w/ 25 gram charges in 60 ophasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.							
gram charges in 60° phasing 6 JSPF, in 2 intervals 9480'-9488 & 9492-9512'.	•						
			om oo phasing	0 JSI F, III 2 III	ter vais 9400 -9400 & 9492-9312 .		
05/19/2007 RU Halliburton frac equip. Test lines to 11000 psi. Pumped CO2 frac treatment	05/19/2007						
		w/ 20/40 Ceramic Proppant as follows.					
Stage 1 Pad 11000 gals 50% Q foam					50% O foam		
Stage 2 .5# Propant 2500 gals 50% Q foam			.5# Propant	_	-		
Stage 3 1# Propant 3000 gals 50% Q foam		Stage 3	1# Propant	3000 gals	50% Q foam		
Stage 4 1.5# Propant 4000 gals 50% Q foam		Stage 4	1.5# Propant	4000 gals	50% Q foam		
• • • • • • • • • • • • • • • • • • • •		Stage 5	2# Propant	5000 gals	50% Q foam		
Stage 5 2# Propant 5000 gals 50% Q foam		Stage 6	2.5# Propant	5000 gals	50% Q foam		
Stage 5 2# Propant 5000 gals 50% Q foam Stage 6 2.5# Propant 5000 gals 50% Q foam		Stage 7	3# Propant	2500 gals	50% Q foam		
Stage 5 2# Propant 5000 gals 50% Q foam Stage 6 2.5# Propant 5000 gals 50% Q foam Stage 7 3# Propant 2500 gals 50% Q foam		Stage 8	Flush	3300 gals	50% Q foam		
		Stage 5	2# Propant	5000 gals	50% O foam		
Stage 5 2# Propant 5000 gals 50% Q foam		Stage 6	2.5# Propant	5000 gals	50% Q foam		
Stage 5 2# Propant 5000 gals 50% Q foam Stage 6 2.5# Propant 5000 gals 50% Q foam		_	•	•	_		
Stage 5 2# Propant 5000 gals 50% Q foam Stage 6 2.5# Propant 5000 gals 50% Q foam Stage 7 3# Propant 2500 gals 50% Q foam		Stage 8	riusn	3300 gais	50% Q toam		

Shut down Halliburton. Initial SI TP 3200 psi. Bled down in 30 minutes.

05/20/2007	Initial TP 3200 w/ est 610 bbls fluid to recover. We flowed back 814 bbls water.
	Well loading up and dying. SI well for 7 hrs. Well built up to 400 psi in 3 hours.
05/21/2007	RU Swab. Made 18 swab runs in 3 1/2" tbg. IFL @ 1400'. FL after swabbing @
	1800'. SI Well.
05/22/2007	RU Arc Wireline. RIH w/ sinker bar tagged TD @ 9510. Possible fill over
	bottom perf @ 9512'. POOH w/ sinker bar. RIH w/ X dart to profile nipple @
	9426'. Set Dart Load and test tbg to 1000 psi. RD Arc. Released tbg f/ on/off
	tool. Tripped out of hole w/ work string. Laying down 3 ½" tbg. SI well.
05/23/2007	Cont out of hole w/ work string. RIH w/ on/off tool on 183 jts 2 3/8" tbg. SI well.
05/24/2007	Cont in hole w/ 2 3/8" tbg. Latched on w/ on/off tool. Load and test tbg to 1000
	psi. Load casing annulus w/ 35 bbls packer fluid. RU Arc wireline. RIH w/
	retrieving tool to setting tool. Allowed pressure to equalize. TIH to dart –pulled
	dart. RD wireline. SI Well.
05/25/2007	TP=1750 psi. Blew dn to frac tank for 6 hrs. Unloaded 6 bbls water w/ FTP=25
	psi. SI well. Well waiting on surface facility set up.
05/31/2007	Well turned to production facilities @ 5:00 pm.