	ite of New Mexico	Form C-103
Submrt 3 Copies To Appropriate District ENERGY, Min District I 1625 N French Dr., Hobbs, NM 88240 0 9 2012	nerals and Natural Resources	June 19, 2008
District I 1625 N French Dr., Hobbs, NM 88240 District II FEB 0 9 2012	•	WELL API NO. 30 015 39020
1201 W. Const. Ann. Ant. MA 00210 Oll. CON	SERVATION DIVISION	5. Indicate Type of Lease
District III 1000 Rio Brazos Rd , Azte NMSOCD ARTESIA 20	South St. Francis Dr.	STATE X FEE
<u>District IV</u>	nta Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S St Francis Dr., Santa Fe, NM 87505		
SUNDRY NOTICES AND REPOR	RTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT	O DEEPEN OR PLUG BACK TO A	EMPIRE ABO UNIT
PROPOSALS) 1. Type of Well: (Ma) Well ☐ ☐ Gas Well ☐ Oth	her	8. Well Number 408
2. Name of Operator		9. OGRID Number
APACHE CORPORATION		873
3. Address of Operator 303 VETERANS AIRPARK LN, STE 3000; MIDLAND,	TX 79705	10. Pool name or Wildcat EMPIRE ABO
4. Well Location	•	
Unit Letter O : 140 feet from the S line and 2560 feet from the E line		
	hip 17S Range 28E	NMPM County EDDY
	how whether DR, RKB, RT, GR, etc.,	
3675 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 ABA		-
TEMPORARILY ABANDON CHANGE PLAN	S 🔲 COMMENCE DRI	LLING OPNS. □ P AND A □
PULL OR ALTER CASING MULTIPLE COM	1PL ☐ CASING/CEMEN	T JOB 🔲
DOWNHOLE COMMINGLE		
OTHER [.]	☐ OTHER COMPLE	:HON 💌
OTHER 13. Describe proposed or completed operations. (Clearly state all pertinent details, and	d give pertinent dates, including estimated date
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1	Clearly state all pertinent details, and	
13. Describe proposed or completed operations. (Clearly state all pertinent details, and	d give pertinent dates, including estimated date
 Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET 	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE
 Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE 	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN USS. POOH W/3-1/8" PERF GUNS PU	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE
 Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET 	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'.	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILEI.S 15% HCL NEFE ACID. DROP 30	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS.
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILEI.S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH,
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILER. S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 2	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 10,000g 15# LG, PMP 2500g 15# LG PMP 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PG w/10,000# 20/40 SUPER LC, PMP ISH W/5,246 GAL LINEAR GEL FLU	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID.
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 10 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465 W/10,000# 20/40 SUPER LC, PMP 1/465 W/5,246 GAL LINEAR GEL FLU 1/48" J-55, 2-7/8" DESANDER (D-270	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8"
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 10,000g 15# LG, PMP 2500g 15# LG PMP 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILED. S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 1/46	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8"
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2'	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILED. S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 1/4000# 20/40 SUPER LC, PMP 1/465 GAL LINEAR GEL FLU 1/48" J-55, 2-7/8" DESANDER (D-270 TX 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24'	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH N	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILED. S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 1/4000# 20/40 SUPER LC, PMP 1/465 GAL LINEAR GEL FLU 1/48" J-55, 2-7/8" DESANDER (D-270 TX 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24'	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH N	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. 3 TOOL. RIH w/3-1/2" DUMP BAILED. S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMP 1/465# 1/4000# 20/40 SUPER LC, PMP 1/465 GAL LINEAR GEL FLU 1/48" J-55, 2-7/8" DESANDER (D-270 TX 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24'	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 10 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH W/ 1-27-2012: WOULD NOT PMP.RIH W/ NEW 2" X 10	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILED. S 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/400 MESH, PMP 2500 GAL 15#LG, PMP 1/400 SUPER LC, PMP 1/40	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @
13. Describe proposed or completed operations. (Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN US. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PMS W/10,000# 20/40 SUPER LC, PMP SH W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 " X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' -1/2" X 24' RHBC; WELL PRODUCING Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG.
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTING 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 10 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH W/ 1-27-2012: WOULD NOT PMP.RIH W/ NEW 2" X 10	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN US. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PMS W/10,000# 20/40 SUPER LC, PMP SH W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 " X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' -1/2" X 24' RHBC; WELL PRODUCING Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG.
13. Describe proposed or completed operations. (Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN US. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PMS W/10,000# 20/40 SUPER LC, PMP SH W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 " X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' -1/2" X 24' RHBC; WELL PRODUCING Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG.
13. Describe proposed or completed operations. (Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN US. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PMS W/10,000# 20/40 SUPER LC, PMP SH W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 " X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' -1/2" X 24' RHBC; WELL PRODUCING Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH,PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG.
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTINC 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH V/ 1-27-2012: WOULD NOT PMP.RIH W/ NEW 2" X 1-27 Spud Date: 10/18/2011 I hereby certify that the information above is true and complete the second com	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN US. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMF W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 "X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' RHBC; WELL PRODUCIN Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG. DATE 12/12/2011
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTINC 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH W/ 1-27-2012: WOULD NOT PMP.RIH W/ NEW 2" X 1- Spud Date: 10/18/2011 Type or print name Bev Hatfield Type or print name Bev Hatfield	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN US. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 1/465# 100 MESH, PMP 2500 GAL 15#LG, PMF W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 "X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' RHBC; WELL PRODUCIN Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG. DATE 12/12/2011'
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTINC 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH V/ 1-27-2012: WOULD NOT PMP.RIH W/ NEW 2" X 1-27 Spud Date: 10/18/2011 I hereby certify that the information above is true and complete the second com	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PMP 30 W/10,000# 20/40 SUPER LC, PMP 30 W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 " X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' -1/2" X 24' RHBC; WELL PRODUCIN Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG. DATE 12/12/2011
13. Describe proposed or completed operations. (of starting any proposed work). SEE RULE 1 or recompletion. 1-6-2012: RIH W/CIBP & 3-1/8" PERF GUNS. SET @5500'-02',5550'-52',5600'-02' W/4 JSPF 24 HOLE CLASS CMT RIH W/ BAILER DUMP ON CIBP @ 5 1-10-2012: CIBP PLUG @5740'. POOH w/SETTINC 1-11-2012: ACIDIZE ABO 5500'-5602' w/1373 GAL 1-13-2012: PMP 10,000g LG, PMP 2500g 15#LG w/ PMP 2500g 15#LG, PMP 2500g 15#LG w/2,143# 1/ 15,000g 15# X-LINKED PAD, PMP 10,000g 15# LG PMP 15,000g 15# w/47,249 20/40 SUPER LC, FLU 1-23-2012: RIH W/ 2-7/8" PURGE VLV, 1 JT OF 2-7 TK-99 BLAST JT, 4 JTS OF 2-7/8" J-55 TBG, 5-1/2' 5607.59' RKB W/ 14 PTS. WOULD NOT PMP.RIH W/ 1-27-2012: WOULD NOT PMP.RIH W/ NEW 2" X 1- Spud Date: 10/18/2011 Type or print name Bev Hatfield Type or print name Bev Hatfield	Clearly state all pertinent details, and 103. For Multiple Completions: At CIBP @ 5760' MOVE PERF GUN U.S. POOH W/3-1/8" PERF GUNS PU 760'. G TOOL. RIH w/3-1/2" DUMP BAILE S. 15% HCL NEFE ACID. DROP 30 1/465# 100 MESH, PMP 2500g 15# L 00 MESH, PMP 2500 GAL 15#LG, PMP 30 W/10,000# 20/40 SUPER LC, PMP 30 W/5,246 GAL LINEAR GEL FLU 7/8" J-55, 2-7/8" DESANDER (D-270 " X 2-7/8" TBG TAC, & 174 JTS OF 2 W/ NEW 2" X 1-1/2" X 24' -1/2" X 24' RHBC; WELL PRODUCIN Rig Release Date: 10/30/2011	d give pertinent dates, including estimated date tach wellbore diagram of proposed completion P HOLE PERF ABO SHALE RIH W 3-1/2" DUMP BAILER. MIX 2 SX H R. DUMP 2SX H CMT ON TOP OF CIBP. RCN BALL SEALERS. G, PMP 2500g 15#LG w/1,237# 100 MESH, PMP 2500g 15#LG w/4162 100 MESH, PMP 15,000g 15#LG w/31,196# 2/40 SUPER LC, ID. 5), 2-7/8" X 4' TBG SUB, 2-3/8" SN, 2-7/8" 2-7/8" J-55 TBG. ETD @ 5646.70' RKB. SN @ NG. DATE 12/12/2011