

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

WELL API NO. 30-045-30818
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Kaempf
8. Well Number 1E
9. OGRID Number 20808
10. Pool name or Wildcat Blanco Mesa Verde

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.)

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

2. Name of Operator  
San Juan Resources, Inc

3. Address of Operator  
1499 Blake Street, 10C, Denver, CO 80202

4. Well Location  
Unit Letter A : 1490 feet from the South line and 1133 feet from the East line  
Section 19 Township 30N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
5698' KB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material :

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☒

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

San Juan Resources, Inc has recompleted the subject well in the Mesa Verde fm as per the attached.

RCVD MAR 18 '08

OIL CONS. DIV.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OGD approved plan ☐.

SIGNATURE Dean C. Collins TITLE Agent DATE 3/17/2008

Type or print name Dean C. Collins

E-mail address: collinsd@zianet.com

Telephone 505-320-6425

No. For State Use Only

Deputy Oil & Gas Inspector,

APPROVED BY: H. Villanueva TITLE District #3 DATE MAR 18 2008

Conditions of Approval (if any):

- see last page -

B

**San Juan Resources, Inc**  
**Kaempf 1E Recompletion**  
**API No: 30-045-30818**

12/29/07 SITP 150 psi. FICP 150 psi. MIRU rig, pump and pit. Blew down casing. ND WH. NU BOP. TOO H w/ 101 stds 2-3/8" tbg and SN. PU tbg set CIBP and TIH 57 w/ stds. Secured well and SDFN.

12/30/07 Finished TIH w/ 95 stds 2-3/8" tbg. Set CIBP @ 6217'. Circulated hole full of 2% KCl water. Tested casing and CIBP to 1000 psi without loss. Bled off pressure and TOO H. Topped off casing w/ 2% KCl water. RU BlueJet to log. Ran GR-CBL/VDL from top of CIBP to 3800'. Excellent bonding over entire interval. Top of cement @ 2970'. RD BlueJet. LD 202 jts 2-3/8" tbg. Secured well and SD until 1/2/08.

1/02/08 ND BOP. NU tree. RD rig and equipment. Moved rig, pump and pit to Mesa yard.

Waited on frac design and weather.

1/21/08 Began hauling in frac tanks and filling with 2% KCl water. Hauled in flow-back tank.

1/23/08 ND WH. Installed frac head, frac manifold and lines to flowback tank. Tested casing, frac head and line to frac manifold to 4000 psi without loss.

1/25/08 MIRU BlueJet w/ mast truck. RIH and perforated Pt Lookout 4511-14', 4566-70', 4596-98' and 4623-26', 2 spf, 0.34" holes. POOH. RD BlueJet.

1/29/08 RU Schlumberger to frac well. One nitrogen pumper became stuck on location. Waited on rigup truck. PCMUnit broke down. Made repairs and pulled nitrogen truck free. Started treatment @ 1130 hrs. Held safety meeting. Pressure tested lines to 5753 psi. Broke down formation w/ slickwater. Pumped 1000 gals 15% HCl and displaced with 70 bbls water @ 10 to 20 BPM. No noticeable affect. Shut down. ISIP 579 psi. 5 min SIP 395 psi.. Pumped 23,459 gals pad, 22,940 gals WL20 fluid containing 0.5 ppg sand, 22444 gals WL20 fluid containing 1.0 ppg sand, 21,513 gals WL20 fluid containing 2.0 ppg sand, 21,076 gals WL20 fluid containing 2.5 ppg sand, 20,254 gals WL20 fluid containing 3.5 ppg sand and 19,866 gals WL20 fluid containing 4.0 ppg sand – all 75 Quality nitrogen foam. Last 23,750 lbs of sand contained PropNet. Displaced with 70.1 bbls water. Job complete @ 1159 hrs. Re-spotted equipment. RU BlueJet. RIH w/ composite BP to set @ 4490'. Stopped @ 4195'. Could not work deeper – appeared to be losing hole. POOH. Pumped 15 bbls water. RIH w/ junket basket.. Went to 4500'. POOH. SD for night

1/30/08 SICP 700 psi. Broke ice out from above frac valve and dumped in methanol. Worked frac valve open. Rigged up BlueJet. RIH and set composite frac plug w/ bioball @ 4490' POOH. Pressure tested plug to 4000 psi – ok. RIH and perforated upper Pt Lookout 4348-51', 4371-74', 4386-88', 4397-99', and 4456-58', 2 spf, 0.34" holes. Started treatment @ 0916 hrs. Held safety meeting. Pressure tested lines to 5250 psi. Broke down formation w/ slickwater. Pumped 1000 gals 15% HCl and displaced with 67 bbls water @ 8 to 15 BPM. Broke from 3200 psi to 2100 psi at end of displacement. Shut down. ISIP 281 psi. 5 min SIP 150 psi.. Pumped ClearFRAC XT pad and sand @ 0.5 ppg, 1.0 ppg, 1.5 ppg, 2.0 ppg, 2.5 ppg, 3.5 ppg and 4.0 ppg sand – all 70 Quality nitrogen foam. Last 56711 lbs of sand is 20/40 Super LC resins coat, remainder 20/40 Jordan Displaced with 67.6 bbls water. Job complete @ 1213 hrs. RU BlueJet. RIH w/ composite BP to set @ 4160'. POOH. Pressure tested plug to 4000 psi – ok. RIH and perforated Menefee 3997-4000', 4033-36' and 4113-17', 2 spf, 0.34" holes. POOH. Prep to frac 3<sup>rd</sup> stage. Started breakdown. Pressured up to 4000 psi and could not get breakdown. Surged well six times without success. Waited for 30 gals 28% HCl to spot with dump bailer. When rigging up for bailer run noted 550 psi on casing. Unsafe to run bailer. Plan to set new plug, run bailer to spot acid and reperf if necessary in am. SD for night.

1/31/08 SICP 700 psi. Spent entire morning to work open frozen frac valve. Called out WSI for assistance. Rigged up BlueJet. RIH and set composite frac plug w/ bioball @ 4148' POOH. Pressure tested plug to 4000 psi – ok. Bled off pressure. Pressure increased to 550 psi. Bled off twice more with same pressure increase. Bio ball appears to be leaking. Waited for new perforating guns to be delivered (they have been loaded but are not on location RIH and reperforated Menefee 3997-4000', 4033-36' and 4113-17', 2 spf, 0.34" holes. POOH. RD and released BlueJet. Started treatment @ 1603 hrs. Held safety meeting. Pressure tested lines to 5250 psi. Broke down formation w/ slickwater @ 4201 psi. Pumped 1000 gals 15% HCl and displaced with 67 bbls water @ 8 to 15 BPM, 2500-3200 psi. No noticeable break. Shut down. ISIP 1696 psi. 5 min SIP 1492 psi.. Pumped WF120 pad. Final pressure 3800 psi. Pumped WF120 w/ 2000 lbs sand and displaced thru perms. Rate increased to 45 BPM downhole @ 75 Quality, 3151 psi. Pumped sand @ 0.5 ppg, 1.0 ppg, 1.5 ppg, 2.0 ppg, 2.5 ppg, 3.5 ppg and 4.0 ppg sand @ 75 Quality nitrogen foam. All sand is 20/40 Jordan.. Last 9269 lbs contained PropNet. Displaced to perms with 61.0 bbls water. Job complete @ 1721 hrs. RD Schlumberger. Opened well to flowback tank @ 1800 hrs. Initial flow pressure 1500 psi. Well flowed until 2300 hrs when choke froze. Flowing pressure at 2300 hrs 1700 psi. Recovered ~50 bbls load water.

2/1/08 Flowline from choke to flowback tank frozen. Cleaned out line and opened well on 1/4" choke. Pressure declined to 500 psi by 1800 hrs and flowed @ 500 – 550 psi overnite. Recovered 150 bbls water during last 24 hrs. Total load recovered 200 bbls. Will go to 1/2" choke this am.

2/2/08 Continued flowing well back on 1/4" choke recovering nitrogen, natural gas and a little water.. Pressure stable @ 500 psi. Changed choke to 1/2" @ 1030 hrs. Initial flowing pressure 300 psi declining to 250 psi @ 1800 hrs. Pressure @ 0600 hrs 2/3/08 225 psi – 1400 Mcspd. Recovered 55 bbls water during the last 24 hrs. Total load recovered 255 bbls.

2/3/08 Continued flowing well back on ½" choke recovering nitrogen, natural gas and a little water. Pressure declined to 200 psi @ 1800 hrs. Pressure stable overnite @ 200 psi – 1200 Mcspd. Recovered 5 bbls water during the last 24 hrs. Total load recovered 260 bbls.

2/4/08 Continued flowing well back on ½" choke recovering nitrogen, natural gas and a little water. Pressure stable @ 200 psi. Recovered bbl water. Total load recovered 261 bbls. SI well @ 1015 hrs. ISIP 225psi. 5 min SIP 325 psi, 10 min SIP 400 psi, 15 min SIP 475 psi, 30 min SIP 500 psi, 1 hr SIP 520 psi, 2 hr SIP 700 psi, 3 hr SIP 775 psi and 4 hr SIP 825 psi. Cracked valves and blew out lines

Waited on weather and road conditions

2/20/08 Drive to location, lead wireline crew, kill truck and well head personal to location. Check well pressure: 1300 psi. Safety Meeting w/ all personal on location. Rig up Wireline Truck, nipple up full lubricator, pressure test lubricator. Run in hole with composite bridge plug, check casing collar @ 3818'. Pull up to 3800' and set CBP under 1300 psi. Pull wireline tools out of hole. Attempt to blow well down. Well making a good blow & will not blow down. Possible plug failure. Pick up 2<sup>nd</sup> composite bridge plug and run in hole. Set 2<sup>nd</sup> CBP @ 3700'. Pull out of hole, rig down wireline truck. Pressure test 2<sup>nd</sup> bridge plug and casing to 2500 psi / 10 min. with kill truck. WSI nipple down frac head. Unable to pull "B" section off braden head. Nipple frac head back up on well. Will have to have larger boom truck to finish job. Kill truck became struck at entrance to location blocking road. Call for blade operator to be on location to pull trucks off location due to large mud hole at entrance to location. Completion rig attempting to move to location, became struck in large wash, pull rig out with road blade. Completion rig returned to yard. Road into location impassable.

2/29/08 Drive to location. WSI checked casing for pressure – very slight blow. ND frac head. NU tubing head. Tested secondary seals to 1000 psi for 5 min – OK. NU spool on top of tubing head. Connected spool to frac manifold and flowback tank. Trucks not available to move equipment to location for cleanout until Monday.

2/3/08 Moved in tubing, rig pump and pit (rig moved in 3/1) and air package. Rigged up rig and air package. NU BOP. Waited on welder to raise work platform (casing originally set about 2' high). SICP 0 psi. Filled casing w/ ~15 bbls water. Tested blind rams and manifold to 2000 psi – 200 psi bled off in 5 min. PU mill and bit sub. PU 107 jts 2-3/8" tbg and RIH to 3498'. Tested pipe rams to 2000 psi – bled off 200 psi in 5 min. Secured well and SIFN.

2/4/08 Started rig. Held safety meeting. Started air. Unloaded hole @ 1500 psi. PU and RIH 6 jts to CBP @ 3699'. PU power swivel. Drilled out CBP @ 3699' w/ air @ 1200 xcfm, 10 bph mist. No increase in returns when CBP drilled out. RIH 3 jts to CBP @ 3800'. Drilled on CBP. When 2' of plug drilled up (total length 2.5') Flowback manifold pressure increased from 0 psi to 300 psi, decreasing to 180 psi in 1 hr. Cut air. Manifold pressure decreased to 180 psi after 1 hr. Well flowing natural gas with light mist of water and oil, no sand. Secured well and SIFN.

2/5/08 SICP 1400 psi. Opened well on ½" choke @ 0700 hrs. FCP @ 0800 hrs 840 psi, @ 0900 hrs 750 psi, @ 1000 hrs 570 psi. At 1030 hrs FTP 525 psi. Opened well on 2" line. Pressure decreased to 200 psi. Well started making light to moderate sand. Started air unit and finished drilling out CBP @ 3800' w/ 750 scfpm air, 10-12 BPH mist. Sand light. RIH to composite frac plug @ 4148'. Drilled plug to 4150'. Air injection pressure increased from 600 psi to 1250 psi. Checked surface lines – nothing plugged. Stood back power swivel and prepared to TOOH. TOOH 50 stds. Pumped 40 bbls 2% KCl water down casing to kill well. TOOH w/ remaining tbg and mill. Found mill, bit sub plugged w/ rubber that appeared to be lining from Kelly hose. Waited on new mill and string float. Killed well and TIH w/ 3-7/8" mill, bit sub and string float on 59 stds tbg. Replaced Kelly hose. Turned well over for flowback. Well flowing dry gas at 6:00 am.

2/6/08 CP 750 psi. Not flowing. Found flow lines and manifold frozen. Thawed out lines and manifold. Opened well. Pressure bled to 0 psi then started to unload. Flowed 40 bbls water to flowback tank. RIH to 4150' and finished drilling out frac plug w/ 750 scfpm air, 10-12 BPH mist. Well making light sand. RIH to composite frac plug @ 4160'. Drilled on plug w/ 750 scfpm air, 10-12 BPH mist. When almost through lost 4 pts string weight, air injection pressure increased from 600 psi to 1100 psi and well started unloading water. SD air and flowed well to flowback tank. Manifold pressure 50 to 100 psi, making 40 the 50 BPM, sand light.. POOH 5 stds. Turned well over for flowback. Well flowed 250 bbls water in 11 hrs overnight. Total flowback water recovered for day 490 bbls. Shut well in @ 0500 hrs – tank full. Hauled out 5 loads water – 400 bbls.

3/7/08 SICP 800 psi. Hauled out 1 load water. Blew down well. RIH w/ 5 stds tbg. PU power swivel. Started air and drilled out remainder of frac plug @ 4160' w/ 750 scfpm air, 10-12 BPH mist. Blew hole clean. RIH tagging top of fill @ 4374' (116' fill, 2nd stage perfs 4386-88', 4397-99', 4456-58' below fill). Cleaned out sand fill to 4490' w/ 1250 scfpm air, 10-12 BPH mist. Circulated hole clean w/ air. POOH 10 stds. Turned well through ½" choke for flow test @ 1550 hrs. Tested well for 2 hrs. Pressure stabilized @ 300 psi – 1878 MCFPD. Well produced no water. Turned well over for flowback. Flowed well overnite through 2" line. Casing pressure @ 0600 hrs 150 psi. Recovered 170 bbls water in 12 hrs overnight. Hauled out 6 loads water – 480 bbls.

3/8/08 FCP 150 psi. RIH w/ 10 stds tbg. Tagged fill @ 4482' – 8'. Started air and cleaned out fill to composite frac plug @ 4490' w/ 1250 scfpm, 10-12 BPH mist. Drilled out frac plug @ 4490'. Circulated hole clean. Did not recover any water, sand is very light. Hung back power swivel. PU and RIH w/ tbg to top of fill @ 6070' (147' fill on top of CIBP @ 6217'). PU power swivel. Started air. Cleaned out sand fill to CBP @ 6217' w/ 1250 scfpm, 10-12 BPH mist. Circulated hole clean w/ air. Hung back power swivel. POOH 36 stds. Turned well through ½" choke for flow test @ 1500 hrs. Tested well for 2 hrs. Pressure stabilized @ 220 psi – 1377 MCFPD. Well produced no water. SI well. Will open to flowback tank in am – no one to flow back available. Hauled 3 loads water to disposal.

3/9/08 SICP 475 psi. Opened well to flowback tank through 2" line @ 0730 hrs. Flowed well until 1800 hrs. Final flowing pressure 0 psi. Well appears to have loaded up. Recovered ~6 bbls water during day.

3/10/08 SICP 920 psi. Opened well to flowback tank through 2" line. RIH' Tagged 20' fill. Started air. Cleaned out fill w/ / 1250 scfpm, 10-12 BPH mist. Circulated hole w/ air/mist. Well making ~5 bph water, light sand. SD air. TOO H w/ 40 stds. Killed well w/ 40 bbls 2% KCl water. Fin TOO H w/ tbg, bit sub and mill. Pumped 10 bbls water down casing. PU 2-3/8" exp check, 6' pup jt, 1.78" ID F nipple and RIH 59 stds. Started air. Unloaded 10 bbls water. SD air. Flowed well to FB tank through 2" line. Well flowing @ 100 psi manifold pressure, moderate mist, trace sand. Turned well over for flowback. Hauled out 2 loads flowback water. At 0600 hrs well flowing @ 50 psi manifold pressure. Well produced 130 bbls water overnite.

3/11/08 Well flowing through 2" line @ 50 psi. SI well. RIH and tagged 20' fill. Started air. Cleaned out fill w/ /1250 scfpm, 10-12 BPH mist. Circulated hole w/ air/mist. Well making very little water, light sand. SD air. TOO H w/ 25 stds. Circulated well with air /600-700 scfpm, 10-12 BPH mist recovering very little water. Light sand. SD and turned well over for flowback. Hauled out 2 loads flowback water. At 0600 hrs well flowing @ 50 psi manifold pressure, very light sand Well produced 70 bbls water overnite.

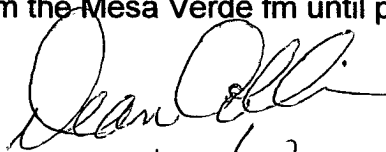
3/12/08 Well flowing through 2" line @ 50 psi. SI well. RIH and tagged 18' fill. PU off bottom. Opened well on 1/2" choke @ 0930 hrs.. Manifold pressure immediately increased to 200 psi. Pressures as follows:

0930 hrs	200 psi	water mist
1000 hrs	160 psi	water mist
1030 hrs	140 psi	water mist
1100 hrs	160 psi	water mist
1130 hrs	175 psi	water mist

Well produced no measurable water during 2 hour period. RIH and tagged 6' fill. POOH laying down 50 jts tbg. Landed tbg w/ tail to 4587', 1.78" "F" nipple @ 4579'. ND BOP and kill spool. Installed WH. Dropped ball and pumped out expendable check @ 750 psi. Circulated hole w/ air. Flowed well up casing and tbg to purge well of air. RD rig and equipment. Released rig @ 1630 hrs 3/12/08.

Well ready to produce. Will produce from the Mesa Verde fm until pressures decline.

→ Need size + wt Grade  
Tubing

  
3/17/08