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

State of New Mexico
Energy, Minerals and Natural Resources

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

COPY

HOBBS OCD
DEC 05 2011
RECEIVED

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-03646
5. Indicate Type of Lease STATE [x] FEE [ ]
6. State Oil & Gas Lease No. 34592

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

7. Lease Name or Unit Agreement Name: State "AC"
1. Type of Well: Oil Well [ ] Gas Well [x] Other
8. Well Number 1
2. Name of Operator Aspen Operating Company, LLC
9. OGRID Number 217598
3. Address of Operator 801 Cherry St Ste 810 Unit 23, Fort Worth, TX 76102
10. Pool name or Wildcat SWD ~~South Crossroads~~ Devonian 96101
4. Well Location
Unit Letter N : 660 feet from the South line and 1980 feet from the West line
Section 15 Township 10S Range 36E NMPM County Lea
11. Elevation (*Show whether DR, RKB, RT, GR, etc.*) 4018' GR

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[ ]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	P AND A	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPL	[ ]	CASING/CEMENT JOB	[ ]		
DOWNHOLE COMMINGLE	[ ]						
OTHER:	[ ]			OTHER: Repair Tubing Leak			[x]

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

See attached

SWD-963

Spud Date: [ ] Rig Release Date: [ ]

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

SIGNATURE Carla Cook TITLE Production Assistant DATE 11/23/11

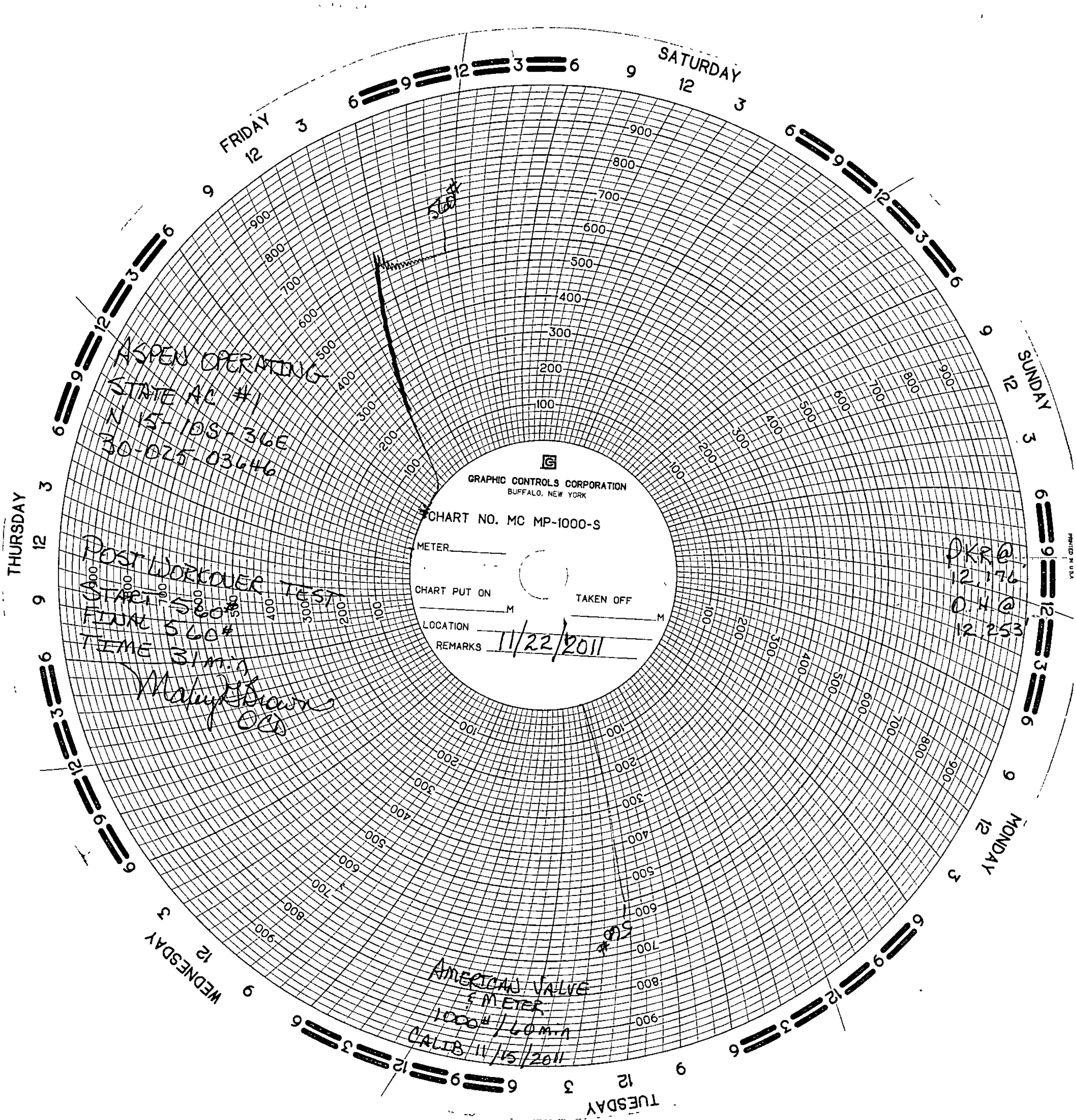
Type or print name Carla Cook E-mail address: ccook@aspen-oil.com PHONE: 817-882-9063

For State Use Only

APPROVED BY: TITLE STAFF MGR DATE 12-12-2011

Conditions of Approval (if any):

DEC 12 2011



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-1000-S
METER
CHART PUT ON
TAKEN OFF
LOCATION
REMARKS 11/22/2011
ASPEN OPERATING
STATE AC #1
N 15-10S-36E
30-025-03646
POST WORKOVER TEST
START 560#
FINAL 560#
TIME 31 min
OCD
PKR @ 12,176
O.H. @ 12,253'
AMERICAN VALVE & METER
1000# / 60 min
CALIB 11/15/2011
SATURDAY
SUNDAY
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY

ASPEN OPERATING CO., LLC

Lease Name: T P State AC
AFE or LOE: N/A
RRC ID No.
TD:
CSG Size: 7"
Job Description (Stage Desc) Repair TBG Leak

Well #: 1 SWD
AFE #:
ACCTNG Property Number: NM0008
Perf Depth:
Tbg Size/EOT: 3.5" Duo-Line/12138
Well Site Supervisor: A. Rowland

T P State AC 1 SWD

9/7/11

MI rig @ 12:45 PM. Rig got stuck on location. Worked rig free after 1.5 hrs. Decided that a rig mat was needed due to depth and weight to be pulled. Made rig ready to RU. SDFN.
***A. Rowland and J. Villa performed test on well to determine the failure point. After getting power repaired to water station, pump was turned on. After ~30 bbls pumped, tbg on vacuum and csg psi increasing. This means that there is only two scenarios to be expected:
1. Hole in tbg.
2. Packer failure.

We will begin pulling tbg in the AM.

9/8/11

Put rig mat in place. RU WTH Inc. pulling unit. NDWH, NU BOP. Began working with pkr in effort to release it. Could not get pkr to release even with hole balanced. Tried multiple tensions and turning with not success. String weight is 122866 lb. Staggered tensions between 120000 and 148000 lb. Will have power swivel and pump truck on location tomorrow in a final effort to release. SI well, SDFN.

9/9/11

Received delivery of power swivel only to find they sent one that was too small. Waited for delivery of 3.5 swivel. MIRU larger swivel. NU on tbg. Work with tubing at different tensions to try to release pkr while rotating. No luck. MIRU Gray Wireline. NU free point equipment and TIH to 1600' and set tools to test. Rig pulled on tbg and torque remaining from previous efforts caused tbg to rotate multiple times, wrapping wire line around tbg line and blocks. Worked with wire line to get free. By the time wireline was back in working order, time would not allow for work to progress. SI well, SDFWE.

9/12/11

MIRU Gray Wireline. Waited for operator to rig to arrive. Pulled on tbg to check for torque, none noted. RU Free point. TIH and test at 1600'. Tested good. TIH to 11921 and stack out in tbg. Logged collars coming up. TIH to test at 11860 and transmission in wireline truck shelled out. SD for repairs. At this time, there is 12680' if wire in the hole with freepoint at

end. Wire is still attached to truck. We are supposed to have the truck back in operation by the AM. SI well, SDFN.

9/13/11 Wireline truck still being repaired. Last report was at 7:00 PM and they had repaired the truck and retrieved all wireline and tools. Work will commence in the AM after restringing rig to 6 line configuration.

9/14/11 Rig put on 6 line by 9:30 AM. Pulled stretch on tbg and tested. Good to proceed. TIH w/ freepoint to 1600'. Set tool and tested. Having trouble with tool staying in place. Worked with tool until working properly. On last stretch, support seal under derrick broke in half. SD and waited for new seal. Seal arrived @ 2:00 PM. TIH w/ free point and stack out @ 12208' (assumed pkr depth). Report showed PKR @ 12165; avg jt of 31.11'. Wireline tag of 12208; avg jt of 31.22'. Pulled free point and showed to be free. TOOH and RU string shot to attempt back off. TIH and set in collar above tool joint. Made 9 rds to left and fired shot. Lost no torque with shot. Continued to try to unscrew with no success. Assume the mandrel of the pkr is turning. TOOH and contact office. Decision made to blast pipe apart. Made up super shot (2.125" OD). TIH and stack out in first collar from surface. During rotation of pipe, it appears the rubber seals in collars have swelled out. SDFN due to darkness. Will have more tool options on location in the AM.

9/15/11 Build string shot on location with 90' 100 grain primer cord. TIH and position in top collar of tool joint. Pulled 30 pts over string weight and shot off. Pipe separated 7' according to collar locator and immediately became stuck again. Worked with pipe trying to get free. Pulled stretch and believe pipe to be free to bottom. Made up light string shot to attempt backoff on collar above tool joint. TIH and attempt with no success. SDFN.

9/16/11 Ran free point again. Pipe tested 80% free @ 9027'. Made up string shot and TIH. Tried to blow off pipe in collar. First shot no luck. Made up 1 11/16" Super Cutter and TIH. Shot is same collar. Still no luck. Made up second string shot and TIH. Stacked out in collar (liner debris) and shot. Pipe finally parted. RD wireline and swivel. TOOH w/ 2 jts and SDFN.

ASPEN OPERATING CO., LLC

Lease Name: T P State AC
AFE or LOE: N/A
RRC ID No.
TD:
CSG Size: 7"
Job Description (Stage Desc) Repair TBG Leak

Well #: 1 SWD
AFE #:
ACCTNG Property Number: NM0008
Perf Depth:
Tbg Size/EOT: 3.5" Duo-Line/12138
Well Site Supervisor: A. Rowland

9/17/11 TOOH w/ 179 jts, laying down. Have not located hole at this time. Collars are extremely tight and requiring hammering on collars to break. Pin ends are showing stressed or pulled threads. Pipe will need to be rethreaded, re-tipped with duoline, and collars bucked and replaced. SDFWE.

9/19/11 TOOH w/ remainder of free tbg. 289 of 391 jts recovered thus far. Personal inspection of tbg indicates that a large amount of work will be required to get tbg back in condition for downhole inj. Threads are pulled or rolled off on 75% of the pins and collars. 90-95% of the Duo-Line tips will have to be replaced. A Duo-Line field inspector will be on location Wednesday to determine the full extent of repairs needed. SI well, SDFN.

9/20/11 Moved 3.5" Duoline from racks and stacked on seals off location. Received delivery of 414 jts 2 7/8 PH-6 4P. Placed catwalk and racks in place and racked tbg. Cut off well head and bell nipple. Replaced bell nipple and installed new well head due to damage to original well head. NU 5 7/8" concave mill, X-over, 6 3.5" collars, X-over, and bit sub (182.99'). TIh w/ 2 jts over BHA, SI well, SDFN.

9/21/11 Continue TIH w/ workstring. Pulling unit operator was suffering from lack of experience resulting in lack of progress. 5 hrs have been removed from the ticket and a new operator will be running the rig tomorrow. TIH with total of 225 joints 2 7/8 PH6. Remainder will be run in the AM. SDFN

9/22/11 TIH w/work string and tag on top of fish. NU swivel. Break circulation after 40 bbls. Begin milling. Milled 4.5' before mill wore out. TOOH and found good wear pattern on mill face indicating tbg began @ 4.25" and cleaned up to 3.5". SI well, SDFN.

9/23/11 NU overshot, 4 collars, jars, bumper sub, accelerators, 2 collars X-over and tbg. Tagged on and caught fish. Began jarring on fish. After 15 minutes, fish began to move slightly. Continued and worked completely free after ~1 hr. TOOH to 3.5" tbg, SI well, SDFN.

ASPEN OPERATING CO., LLC

Lease Name: T P State AC
AFE or LOE: N/A
RRC ID No.
TD:
CSG Size: 7"
Job Description (Stage Desc) Repair TBG Leak

Well #: 1 SWD
AFE #:
ACCTNG Property Number: NM0008
Perf Depth:
Tbg Size/EOT: 3.5" Duo-Line/12138
Well Site Supervisor: A. Rowland

9/26/11 Installed 3.5" tbg elevators and air slips. Began pulling tbg. After 5 jts, string was wet. Waited 3.5 hrs for vac truck to recover water lost from tbg. Finish TOOH and found collar on end of tbg. We have a 3.5" tbg pin looking up at us. SI well, SDFN.

9/27/11 NU 6.25" bit and try to TIH. Could not get bit through bell nipple. Waited 1.5 hrs for 6.125" bit. NU bit and TIH past patch and SD for lunch. Rig is beginning to struggle to get pipe off slips. Power is fading. Called pusher to get mechanic in route to repair rig. TIH with all pipe in derrick and last of tallied pipe on rack. SI well, tallied remainder of work string. SDFN. Rig repairs will begin @ 5:30 PM. Hopefully rig will be ready to work in the AM. If not, we will see what the timing is and determine best way to continue. May have to RDMO and MIRU new rig.

9/28/11 SD for rig repairs.

9/29/11 SD for rig repairs. Making plans to swap rig if repairs are not competed soon.

Update: We are SD until Monday. Could not find replacement rig and current rig is going to undergo major upgrading over the weekend.

10/3/11 TIH w/ bit and tag 80' high. NU swivel, establish circulation after 50 bbl loss in tank. TIH and begin to clean out. Bit immediately plugged off. ND swivel. TOOH until 70 stands from being out and found plugged pipe. SI well, SDFN.

10/4/11 TIH with bit to 2 jts from fill. NU swivel and begin circulating. Had to clean up hole multiple times and could not put any weight on fill as we washed down due to trying to plug off. Got cleaned up to top of fish and circulated bottoms up X 2. Got back large amount of scale and formation shale. ND swivel and TOOH w/ 40 stds to get above 9500'. SI well, SDFN.

ASPEN OPERATING CO., LLC

Lease Name: T P State AC
AFE or LOE: N/A
RRC ID No.
TD:
CSG Size: 7"
Job Description (Stage Desc) Repair TBG Leak

Well #: 1 SWD
AFE #:
ACCTNG Property Number: NM0008
Perf Depth:
Tbg Size/EOT: 3.5" Duo-Line/12138
Well Site Supervisor: A. Rowland

10/5/11 Continue to TOOH. Got to 40 stds from being out of hole and compressor on rig failed. SDFN for repairs.

10/6/11 TOOH with remainder of tbg. NU shoe and wash pipe and find wash pie is swollen on box end of joint 2. Reverse joints and find makeup ok. TIH to ~6000' and wind is increasing causing issues with makeup of tbg. SI well, SDFN.

10/7/11 Continue to TIH and stack out @ 11,214'. NU swivel and try to work through. Can not get to rotate through or wash through. As soon as torque is noted, pipe is stuck. Jarred free and TOOH. Made it out w/ 120 jts before wind got too high. SDFWE.

10/10/11 Finish TOOH to find that wash pipe and shoe was left in the hole. Waited for spear and stop. NU BHA and TIH to 9500' and SDFN.

10/11/11 Finish TIH to fish. Tagged up on top of fish. Engaged spear and pulled on fish. Had to set off jars twice to get free. Fish drug for 60+ feet before coming free. Noticed that draw works are moving up 3" under load. Called mechanic. TOOH and found all wash pipe and shoe were recovered. NU concave mill and TIH w/ mill, collars, and 20 jts tbg. Mechanic arrived for repairs. SDFN. Rig will be back in service by morning.

10/12/11 Rig repaired by 1:30 PM. Started TIH w/ tbg. Got half way in and tongs broke. Unable to continue. SI well, SDFN.

We will be rigging this rig down tomorrow after all pipe is out of derrick. There is a 600 series on standby waiting for this rig to get out of the way. Should be swapped out and milling by mid afternoon.

10/13/11 TIH w/tbg. Mill stacked out @ 11,202'. TOOH laying down 24 jts. TIH w/ remainder of tbg in derrick. RDMO WTH pulling unit. MIRU Choctaw services pulling unit. NU swivel and made ready to wash down in the AM. SI well, SDFN.

ASPEN OPERATING CO., LLC

Lease Name: T P State AC
AFE or LOE: N/A
RRC ID No.
TD:
CSG Size: 7"
Job Description (Stage Desc) Repair TBG Leak

Well #: 1 SWD
AFE #:
ACCTNG Property Number: NM0008
Perf Depth:
Tbg Size/EOT: 3.5" Duo-Line/12138
Well Site Supervisor: A. Rowland

10/14/11 TIH w/ 1 jt and tag on scale. Wash down to top of fish and begin to mill on fish. Made 1.5" and no more progress made. Tried several different methods to make progress and nothing worked. ND swivel and TOOH w/ 24 jts. SI well, SDFN.

10/15/11 TOOH w/ reminder of tbg and find that mill has been completely destroyed. Decision made to NU shoe and wash pipe and TIH. NU BHA and TIH. Stack out at 40' with 6 1/8" shoe. TOOH and ND shoe. Send to machine shop to cut down to 6" OD. SI well, SDFN.

10/16/11 NU shoe and washpipe. TIH to 2 jts above fish. NU swivel and begin washing down to fish. Tagged top of tbg. Milled over tbg in 25 minutes. Continue down over fish, washing scale and fill form around tbg. Tagged up on PKR with shoe. Began milling and tbg plugged off. Worked with tbg to try to flush plug loose. Could not get cleared. ND swivel. Begin TOOH w/ tbg. Pulling wet with 140000 string weight. TBG line began separating on drum. SDFN for repairs. Wire rope company will be on location @ 5:30 AM to replace tbg line.

10/17/11 Rig SD due to wind and repairs.

10/18/11 TOOH w/ remaining tbg. Found all 6 collars filled with scattered plugs of BS and scale. Jars were packed off completely. Inspected shoe and found substantial wear on inside of fluting and tip. Replaced shoe and NU BHA. TIH with tbg to 6500'. SDFN due to darkness.

10/19/11 Finish TIH. NU swivel. Try to establish circulation. Once fluid broke around, noted the volume pumped was much more than returns. Stopped pumping and tbg and csg went on screaming vacuum. Waited for more water. Began pumping down csg and dry drilling on PKR. Found bridge off 8' above PKR. Washed through and continued to PKR. Milled on PKR for 30 minutes making 1.5". Got stuck. Worked with tbg for 1.5 hrs and began to get rotation with 15 pts over string weight. Continued to work with tbg. Acted as though PKR had unset. Pulled up 8' and pumped down both sides. Tbg went on screaming vacuum,

csg stayed stagnant. Tried to TIH and found it would take weight. Pulled up 30' and appeared to be dragging. TOOH to inspect tools for possible pkr recovery. Got shoe to surface and found no part of fish in BHA. SI well, SDFN.

10/20/11 TIH w/ same shoe and BHA. Tag 2' high. Wash down to previous depth after pumping ~60 bbls. Circulation achieved after 90 bbls gone. Continued to mill on PKR. Began getting metal shavings then large amounts of rubber. Shoe stopped cutting with 1 pt. Began fluctuating weight on mill. Could not make more hole. TOOH w/ 30 stds. SI well, SDFWE.

10/25/11 TIH and tag up. Begin milling over PKR. Made ~6" additional to last Thursday. Mill stopped torqueing up. TOOH and found face of mill worn down to metal. Inside of mill shows wear ~16" up. SI well, SDFN. New shoe will be on location in the AM.

10/26/11 TIH w/ new shoe. Landed on fish and began milling. Milled for 3 hrs before wearing out mill. Returns brought back large amounts of rubber with some metal. Made 14" of hole. TOOH w/ ~ ½ of tbg. SI well, SDFN.

10/27/11 Finish TOOH. Change out mill shoe and TIH w/ BHA and 1 std. SD due to weather.

10/28/11 TIH and tag fish. PU swivel and begin drilling. Made ~ 2" and torque stopped. Could not get torque to appear without 14 pts on shoe. With that no hole could be made. After 4 hrs, TOOH w/ ½ of tbg. SDFN.

10/29/11 Finish TOOH. Shoe was not worn at all. This confirms that part of the PKR was spinning with us while supporting the weight we applied. NU 5.75" shoe w/ 6" dressed head and 4.5" fluted ID, concave dressed stop sub and TIH to 20 stds off bottom. SDFN.

10/30/11 TIH w/ remainder of tbg to fish. PU swivel. Begin milling on top of fish. Milled of 4' in the dress off process. TOOH and found good wear pattern on mill face. SI well, SDFN.

10/31/11 NU 5.75" guide w/ 3.5" mill control, 3.45" grapple, jars and collars and TIH. Caught fish. Began jarring. After ~ 12

activations of jars, lost string weight. Began working up hole with heavy drag. Let set for 15 minutes and began working again. Drag is much less. Went back down and tagged up 12" lower than prior and was sticking. TOOH w/ 20 stands and hung up in same area as previous loss of wash pipe @ 11,200'. Worked through tight spot and continue out of hole with total of 25 stds. SI well, SDFN.

11/1/11 Continue to TOOH. Still seeing drag occasionally. Hung up @ 6300'. Worked through and continued out. Drag had stopped after last hang up. Upon getting tools out, it appears we dug the pkr out of the overshot. Replaced grapple w/ 3.40" catch. TIH to 30 stds from bottom. SDFN.

11/2/11 Finish TIH and stack out 2' lower than before. Work over fish and begin to work with it. TOOH w/ tbg to half way out before wind became a major issue. Fish was hanging multiple times on TOOH. SI well, SDFN.

11/3/11 Finish TOOH and find that fish has been recovered. After inspection of pkr, it is very obvious why the pkr would not release. Excessive corrosion and rust has affected the tool. NU 6 1/8 bit and collars and TIH to 30 stds off bottom. SDFWE.

11/8/11 TIH and begin washing down through scale bridge. Fell through after 3'. Continue in hole to TD busting scale off csg wall to EOCsg. Tag up ~ 20' off TD and begin to wash down. Upon reaching TD, lost circulation and tbg plugged off. ND swivel and begin TOOH laying down work string. TOOH w/ 48 jts before dark. SDFN.

11/9/11 Tsg up on scale @ 12202 and begin drilling/washing down. Made it to 8' from TD and lost circulation. Tbg plugged off. Worked with tbg and got moving. Circulated for 30 minutes and TIH. TBG plugged up as soon as we touched TD. Tried to work free with no success. Begin TOOH, laying down work string. Laid down total of 312 jts before dark. SI well, SDFN.

11/10/11 TOOH w/ remainder of tbg and BHA. Laid everything down. SI well. First 4300' of tbg arrived on location. Unloaded and racked. PKR will not be here until the AM. Loaded and returned

work string. Loaded fishing tools and returned. Emptied and jetted out reverse pit. Received 1 drum each of corrosion inhibitor and biocide. Mixed with 10 bbls water and pumped down csg. SI well, SDFN.

11/11/11 Received delivery of remainder of inj string. NU Patriot Arrow Set PKR and TIH. Stacked out @ 40' and could not work through. Called out Basic Fishing and Rental in Artesia, NM. 8 hrs later, NU 6-1/8" string mill, jars, bumper sub, and 1 4-3/4" collar. Tagged on tight spot. Milled off barbs. TOOH and lay down tools. TIH w/ PKR and tbg. Made it in with 40 jts N80 IPC tbg. SI well, SDFN.

11/12/11 Continue TIH w/ PKR and tbg. Stacked out @ 8581.4'. Found record of 32# pipe being used. Drift pn 32# is 5.92. OD of PKR is 6" with current configuration. TOOH to change out all parts with 6" OD. SDFN.

11/13/11 NU re-dressed pkr for 32# csg. TIH. Started taking weight @ 8581'. Continued to drag and stack out for 30 jts. Fell through and continued in with no other issues. **Set PKR @ 12179.4'.** Loaded backside with 2% KCL for pre test. Pressured to 850 psi and held for 30 minutes with no leak off. Blew down and released on/off tool. SI well SDFN.

***Down hole configuration:** Nickel plated Arrow Set 2-7/8"x7" 32# w/ carbide slips (Right hand set and release), 2.31X Profile Nipple, Nickeled J-Lock On/Off tool (Left hand release), 40 jts (1282.46') 2-7/8 8rd EUE N80 white band IPC, 160 jts (5028.31') 2-7/8 8rd EUE J55 triple yellow band rice lined, 184 jts (5928.53').

11/14/11 Pumped 490 bbls pkr fluid. Circulation began 115 bbls into job. Open BOP. TIH and latch back on to on/off tool. Waited for well head parts and acid trucks. NU well head w/ 20 pts pulled into pkr. MIRU Petroplex Acidizing. Began pumping acid. TP was @ 3200 psi w/ 21 bbls gone. Csg began pressuring up. Opened csg valves to monitor flow. Slight trickle seen while pumping that would completely stop occasionally. Acid on formation @ 73 bbls with 2600 psi @ 2.5 BPM. After acid hit perfs, TP fell to 850#. Increased rate to 4.5 BPM and tp stabilized @ 1650

through remainder of job. Closed csg valves a few times during job and CP would climb rapidly. Ended job with ISIP of 790 psi. Had 600 psi on csg that fell off at same rate of tbg. 15 min, 180 psi. Flowed down well. Hooked on to csg and pressured to 600 psi using 25 bbls water. Stopped pump and psi fell to 0 in 1 minute. NDWH and picked up on tbg. Found that pkr has failed to stay in place. Pulled up 12' before catching again. NUWH, SI well, SDFN.

9/15/11 TIH and try to reset PKR in same spot. Could not get to set. Continued to try every few feet coming out with top jt. Finally got to set @ 1 jt out. Loaded and pretested. Held good. Release on/off tool and TOOH 3'. Pumped 390 bbls PKR fluid down csg. Did not establish circulation throughout entire job. TIH and latch on to PKR. PKR slid down 2'. Pulled into PKR 30 pts over and held. NUWH. Loaded backside and began to work air out. After multiple attempts, SI well w/ 600 psi on the csg. SDFN. Hope to see air work out by morning.

11/16/11 Found csg on vacuum. Loaded with 65 bbls pkr fluid. Attempted to test @ 600 psi. Not test. Released PKR and TOOH w/ ½ of joint. Set and loaded w/ 40 bbls pkr fluid. Trickled water in while allowing foam to escape. Pack off well and test. Failed. Tried 5 more times with same result. TOOH to next collar and repeat procedure with same results. TOOH with one more jt and have same procedure and results. Determine something is wrong with PKR. Begin TOOH. Made it past previous tight spot @ 8200 to 8700 with no drag or hanging up. SI well, SDFN.

11/17/11 TOOH w/ remainder of tbg and PKR. Found middle gland torn half off and upper gland wore down. Slips and drag blocks looked new. NU csg scraper, jars and collars. **TIH to 12237.21'** and back out. Felt no restriction through tight spots from previous trip with PKR. SI well, SDFWE.

Aspen

ASPEN OPERATING CO., LLC

Lease Name: T P State AC
AFE or LOE: N/A
RRC ID No.
TD:
CSG Size: 7"
Job Description (Stage Desc) Repair TBG Leak

Well #: 1 SWD
AFE #:
ACCTNG Property Number: NM0008
Perf Depth:
Tbg Size/EOT: 3.5" Duo-Line/12138
Well Site Supervisor: A. Rowland

11/21/11 NU ArrowSet 7"32#X2 7/8" Nickel coated PKR w/ on/off tool. TIH w/ PKR and 385 jts 2 7/8 tbg. Pumped 225 BBLS pkr fluid. Csg loaded. Could not get pkr to set @ 12208'. Lay down 1 jt and **get pkr to set @ 12179.36**. Loaded backside with pkr fluid and let air escape. Packed off wellhead and pressured to 600 psi. Held good. Could see air movement in csg. Bled down to 300 psi and SI well. SDFN.

11/22/11 Found well w/ 800# SICP. Bled air off to pit. RU reverse unit and load hole w/6.5 bbls. Pressured to 600 psi and held for 20 minutes. Slight fall off. Bled back and pressured up again. Held 600 psi steady. Bled down, RU chart recorder. Maxey Brown of the NM OCD was on location to witness test. Pressured well to ~600 psi and SI well. After stabilizing, psi was @ 560#. Held for 32 minutes with no bleed off at all. Stopped test with passing results per OCD instruction. Bled off well. Released all service companies and associated equipment. **RDMO.**

ASPEN OPERATING CO., L.L.C.

			BBLS/FT.	Depth	TTL Vol.
LEASE:	T P State	CSG VOL	0 0382	12494	477.3
WELL :	AC 1 SWD	ANULAR VOL	0 0302	9448 51	285 3
DATE	11/11/2011	TBG VOL	0 00524	9448 51	49 5
TD	12494	VOL BELOW TBG	0 0382	3045 49	116 3
PERFS	12253-12494				
KB	4				

			Length	Weight
CSG SZ	7"	Csg lb/ft	26	
TBG SZ	2 875	Tbg lb/ft	6 7	
BHA	9 3		800	

JT/STD	JT/STD LENGTH	TBG LENGTH	EOT LENGTH	TBG WEIGHT	STRING WEIGHT	TBG VOLUME	ANNULAR VOLUME	JT/STD	JT/STD. LENGTH	TBG LENGTH	EOT LENGTH	TBG WEIGHT	STRING WEIGHT	TBG VOLUME	ANNULAR VOLUME	JT/STD	JT/STD LENGTH	TBG LENGTH	EOT LENGTH	TBG WEIGHT	STRING WEIGHT	TBG VOLUME	ANNULAR VOLUME
1	3265	32 65	37.95	219	1019	0 20	1 15	76	3227	2413.02	2418.32	16167	16967	12.67	73.03	151	3096	4780 41	4785.71	32029	32829	25.08	144.53
2	3128	63 93	69 23	428	1228	0 36	2 09	77	3095	2443 97	2449 27	16375	17175	12 83	73 97	152	3122	4811 63	4816 93	32238	33038	25 24	145 47
3	3268	96 61	101.91	647	1447	0.53	3 08	78	3128	2475.25	2480.55	16584	17384	13.00	74.91	153	3103	4842.66	4847.96	32446	33246	25 40	146 41
4	3248	129 09	134 39	865	1665	0 70	4 06	79	3101	2506 26	2511 56	16792	17592	13 16	75 85	154	3159	4874 25	4879.55	32657	33457	25.57	147.36
5	3270	161.79	167.09	1084	1884	0.88	5 05	80	3255	2538 81	2544.11	17010	17810	13.33	76 83	155	3145	4905.7	4911	32868	33668	25 73	148 31
6	3255	194 34	199 64	1302	2102	1 05	6 03	81	3141	2570 22	2575 52	17220	18020	13 50	77.78	156	3128	4936 98	4942.28	33078	33878	25.90	149.26
7	3247	226.81	232.11	1520	2320	1.22	7 01	82	3228	2602.5	2607.8	17437	18237	13 66	78 76	157	3100	4967.98	4973 28	33285	34085	26 06	150.19
8	3245	259 26	264 56	1737	2537	1 39	7 99	83	3150	2634	2639 3	17648	18448	13 83	79.71	158	3161	4999 59	5004 89	33497	34297	26 23	151 15
9	3268	291 94	297.24	1956	2756	1.56	8.98	84	3246	2666 46	2671 76	17865	18665	14.00	80 69	159	3148	5031.07	5036 37	33708	34508	26.39	152.10
10	3262	324 56	329 86	2175	2975	1 73	9 96	85	3142	2697 88	2703 18	18076	18876	14 16	81 64	160	3145	5062 52	5067 82	33919	34719	26 56	153 05
11	3260	357 16	362 46	2393	3193	1.90	10 95	86	3208	2729.96	2735 26	18291	19091	14.33	82.60	161	3035	5092.87	5098 17	34122	34922	26 71	153 96
12	3263	389 79	395.09	2612	3412	2 07	11.93	87	3243	2762 39	2767 69	18508	19308	14 50	83 58	162	3148	5124 35	5129 65	34333	35133	26 88	154 92
13	3270	422 49	427 79	2831	3631	2.24	12 92	88	3149	2793.88	2799.18	18719	19519	14.67	84.54	163	3120	5155.55	5160 85	34542	35342	27 04	155.86
14	3265	455 14	460.44	3049	3849	2 41	13.91	89	3250	2826 38	2831 68	18937	19737	14 84	85 52	164	3102	5186 57	5191 87	34750	35550	27 21	156 79
15	3262	487 76	493 06	3268	4068	2.58	14 89	90	3222	2858.6	2863 9	19153	19953	15 01	86.49	165	3127	5217.84	5223.14	34960	35760	27 37	157.74
16	3272	520.48	525 78	3487	4287	2 76	15.88	91	3224	2890 84	2896 14	19369	20169	15 18	87 46	166	3111	5248 95	5254 25	35168	35968	27.53	158.68
17	3265	553 13	558 43	3706	4506	2.93	16.86	92	3184	2922 68	2927 98	19582	20382	15.34	88 42	167	3103	5279.98	5285.28	35376	36176	27.69	159.62
18	3245	585 58	590.88	3923	4723	3 10	17 84	93	3145	2954.13	2959 43	19793	20593	15.51	89.37	168	3150	5311 48	5316 78	35587	36387	27 86	160 57
19	3243	618 01	623 31	4141	4941	3 27	18.82	94	3118	2985 31	2990 61	20002	20802	15 67	90 32	169	3125	5342 73	5348.03	35796	36596	28.02	161.51
20	3255	650.56	655 86	4359	5159	3 44	19 81	95	3257	3017.88	3023 18	20220	21020	15.84	91 30	170	3104	5373 77	5379 07	36004	36804	28 19	162 45
21	3245	683 01	688 31	4576	5376	3.61	20.79	96	3165	3049.53	3054.83	20432	21232	16 01	92.26	171	3144	5405.21	5410 51	36215	37015	28 35	163.40
22	3255	715.56	720 86	4794	5594	3 78	21 77	97	3259	3082 12	3087 42	20650	21450	16 18	93 24	172	3105	5436 26	5441 56	36423	37223	28 51	164 34
23	3240	747 96	753.26	5011	5811	3.95	22.75	98	3100	3113.12	3118.42	20858	21658	16 34	94.18	173	3119	5467.45	5472.75	36632	37432	28.68	165.28
24	3115	779 11	784 41	5220	6020	4 11	23 69	99	3116	3144 28	3149 58	21067	21867	16 50	95 12	174	3140	5498 85	5504 15	36842	37642	28 84	166 23
25	3110	810.21	815.51	5428	6228	4.27	24.63	100	3055	3174.83	3180.13	21271	22071	16.66	96.04	175	3094	5529.79	5535.09	37050	37850	29.00	167.16
26	3235	842 56	847 86	5645	6445	4 44	25 61	101	3145	3206 28	3211 58	21482	22282	16 83	96 99	176	3142	5561.21	5566.51	37260	38060	29 17	168 11
27	3260	875.16	880 46	5864	6664	4.61	26 59	102	3214	3238.42	3243.72	21697	22497	17.00	97.96	177	3145	5592.66	5597 96	37471	38271	29 33	169.06
28	3260	907 76	913 06	6082	6882	4 78	27.57	103	3152	3269 94	3275.24	21909	22709	17 16	98.91	178	3104	5623 7	5629	37679	38479	29.50	170.00
29	3060	938.36	943 66	6287	7087	4 94	28.50	104	3112	3301 06	3306 36	22117	22917	17.33	99.85	179	3103	5654.73	5660.03	37887	38687	29.66	170 93
30	3022	968 58	973 88	6489	7289	5 10	29 41	105	3243	3333 49	3338 79	22334	23134	17.50	100 83	180	3070	5685 43	5690 73	38092	38892	29 82	171 86
31	3130	999 88	1005 18	6699	7499	5.27	30.36	106	3115	3364.64	3369.94	22543	23343	17.66	101.77	181	3064	5716.07	5721.37	38298	39098	29.98	172.79
32	3172	1031.6	1036 9	6912	7712	5 43	31 31	107	3252	3397 16	3402 46	22761	23561	17 83	102.75	182	3167	5747 74	5753 04	38510	39310	30 15	173.74
33	3134	1062.94	1068.24	7122	7922	5.60	32 26	108	3255	3429.71	3435.01	22979	23779	18 00	103 74	183	3152	5779.26	5784.56	38721	39521	30 31	174 69
34	3134	1094 28	1099 58	7332	8132	5.76	33 21	109	3152	3461.23	3466 53	23190	23990	18.16	104 69	184	3074	5810	5815 3	38927	39727	30.47	175.62
35	3164	1125.92	1131 22	7544	8344	5.93	34.16	110	3112	3492 35	3497.65	23399	24199	18.33	105 63	185	3126	5841.26	5846.56	39136	39936	30.64	176 57
36	3156	1157 48	1162.78	7755	8555	6 09	35 12	111	3218	3524 53	3529 83	23614	24414	18 50	106 60	186	3149	5872 75	5878 05	39347	40147	30 80	177 52
37	3158	1189 06	1194.36	7967	8767	6.26	36 07	112	3133	3555.86	3561.16	23824	24624	18.66	107.55	187	3087	5903 62	5908.92	39554	40354	30.96	178.45
38	3080	1219 86	1225 16	8173	8973	6 42	37.00	113	3112	3586 98	3592.28	24033	24833	18 82	108 49	188	3123	5934 85	5940 15	39763	40563	31 13	179 39
39	3100	1250.86	1256.16	8381	9181	6.58	37.94	114	3260	3619 58	3624 88	24251	25051	18.99	109.47	189	3151	5966.36	5971.66	39975	40775	31 29	180.34
40	3160	1282 46	1287.76	8592	9392	6 75	38 89	115	3258	3652 16	3657 46	24469	25269	19 17	110 46	190	3142	5997 78	6003 08	40185	40985	31 46	181 29
41	3120	1313 66	1318 96	8802	9602	6.91	39.83	116	3216	3684.32	3689.62	24685	25485	19 33	111.43	191	3143	6029.21	6034 51	40396	41196	31.62	182.24
42	3065	1344.31	1349 61	9007	9807	7 07	40.76	117	2675	3711 07	3716 37	24864	25664	19 47	112 23	192	3104	6060 25	6065.55	40604	41404	31 78	183.18
43	3106	1375.37	1380.67	9215	10015	7.23	41.70	118	3120	3742.27	3747.57	25073	25873	19.64	113 18	193	3151	6091.76	6097.06	40815	41615	31.95	184.13
44	3255	1407 92	1413 22	9433	10233	7.41	42 68	119	3150	3773.77	3779 07	25284	26084	19 80	114.13	194	3150	6123 26	6128 56	41026	41826	32.11	185 08
45	3212	1440.04	1445 34	9648	10448	7.57	43.65	120	3191	3805 68	3810 98	25498	26298	19 97	115 09	195	3127	6154.53	6159.83	41235	42035	32.28	186.03
46	3189	1471 93	1477 23	9862	10662	7.74	44 61	121	3000	3835 68	3840 98	25699	26499	20.13	116 00	196	3154	6186 07	6191 37	41447	42247	32 44	186 98
47	3115	1503.08	1508 38	10071	10871	7 90	45.55	122	3176	3867.44	3872.74	25912	26712	20 29	116.96	197	3147	6217.54	6222.84	41658	42458	32.61	187.93
48	3130	1534 38	1539 68	10280	11080	8 07	46 50	123	3133	3898.77	3904 07	26122	26922	20.46	117 90	198	3151	6249 05	6254 35	41869	42669	32 77	188 88
49	3263	1567.01	1572.31	10499	11299	8.24	47.48	124	3293	3931 7	3937	26342	27142	20 63	118.90	199	3104	6280.09	6285.39	42077	42877	32.94	189.82
50	3211	1599 12	1604 42	10714	11514	8.41	48 45	125	3248	3964.18	3969 48	26560	27360	20.80	119.88	200	3068	6310 77	6316 07	42282	43082	33.10	190 75
51	3163	1630 75	1636.05	10926	11726	8 57	49.41	126	3040	3994 58	3999.88	26764	27564	20.96	120.80	201	3138	6342.15	6347.45	42492	43292	33 26	191.69
52	3256	1663.31	1668 61	11144	11944	8.74	50 39	127	3148	4026.06	4031 36	26975	27775	21 12	121.75	202	3145	6373 6	6378 9	42703	43503	33.43	192 64
53	3109	1694 4	1699.7	11352	12152	8 91	51.33	128	3160	4057.66	4062 96	27186	27986	21.29	122.70	203	3127	6404.87	6410.17	42913	43713	33 59	193.59
54	2938	1723.78	1729 08	11549	12349	9 06	52.22	129	3125	4088 91	4094.21	27396	28196	21.45	123.65	204	3142	6436.29	6441 59	43123	43923	33 75	194.54
55	3258	1756 36	1761.66	11768	12568	9.23	53 20	130	3225	4121.16	4126.46	27612	28412	21 62	124 62	205	3082	6467.11	6472.41	43330	44130	33 92	195.47
56	3167	1788.03	1793 33	11980	12780	9 40	54 16	131	3171	4152 87	4158.17	27824	28624	21 79	125.58	206	3134	6498.45	6503 75	43540	44340	34 08	196.41
57	3024	1818.27	1823.57	12182	12982	9.56	55 07	132	3287	4185 74	4191 04	28044	28844	21 96	126.57	207	3007	6528 52	6533 82	43741	44541	34.24	197.32
58	3156	1849 83	1855.13	12394	13194	9 72	56.02	133	3254	4218 28	4223 58	28262	29062	22 13	127.55	208	3043	6558.95	6564.25	43945	44745	34 40	198 24
59	3144	1881.27	1886.57	12605	13405	9.89	56.97	134	3069	4248.97	4254.27	28468	29268	22.29	128 48	209	3161	6590.56	6595 86	44157	44957	34.56	199.19
60	3102	1912 29	1917 59	12812	13612	10 05	57 91	135	3160	4280 57	4285 87	28680	29480	22 46	129.43	210	3078	6621.34	6626 64	44363	45163	34 72	200 12
61	3133	1943.62	1948.92	13022	13822	10.21	58.86	136	2923	4309.8	4315.1	28876	29676	22.61	130 32	211	3135	6652 69	6657 99	44573	45373	34.89	201 07
62	3250	1976 12	1981 42	13240	14040	10 38	59 84	137	3156	4341 36	4346 66	29087	29887	22 78	131 27	212	3124	6683.93	6689 23	44782	45582	35.05	202 01
63	3251	2008.63	2013.93	13458	14258	10.55	60.82	138	3112	4372.48	4377.78	29296	30096	22.94	132.21	213	2947	6713 4	6718.7	44980	45780	35 21	202.90
64	3105	2039.68	2044 98	13666	14466	10 72	61 76	139	3148	4403 96	4409 26	29507	30307	23 10	133 16	214	3122	6744 62	6749 92	45189	45989	35.37	203 85
65	3128	2070 96	2076.26	13875	14675	10.88	62.70	140	3122	4435.18	4440.48	29716	30516	23.27	134.10	215	3085	6775.47	6780.77	45396	46196	35 53	204.78
66	3070	2101 66	2106.96	14081	14881	11 04	63 63	141	3127	4466 45	4471 75	29925	30725	23 43	135 05	216	3153	6807	6812 3	45607	46407	35.70	205 73
67	3065	2132.31	2137.61	14286	15086	11.20	64.56	142	3147	4497.92	4503.22	30136	30936	23 60	136.00	217	3125	6838 25	6843.55	45816	46616	35.86	206.68
68	2966	2161 97	2167 27	14485	15285	11.36	65 45	143	3139	4529 31	4534 61	30346	31146	23.76	136 95	218	3041	6868.66	6873 96	46020	46820	36.02	207 59
69	3120	2193.17	2198.47	14694	15494	11.52	66.39	144	3158	4560.89	4566.19	30558	31358	23 93	137.90	219	3138	6900 04	6905.34	46230	47030	36.18	208.54
70	3058	2223 75	2229 05	14899	15699	11 68	67.32	145	3104	4591 93	4597 23	30766	31566	24.09	138 84	220	3120	6931.24	6936 54	46439	47239	36.35	209 48
71	3118	2254 93	2260.23	15108	15908	11.84	68.26	146	3147	4623.4	4628.7	30977	31777	24.25	139.79	221	3140	6962 64	6967.94	46650	47450	36.51	210 43
72	3174	2286 67	2291 97	15321	16121	12 01	69.22	147	3155	4654 95	4660 25	31188	31988	24.42	140 74	222	3112	6993 76	6999 06	46858	47658	36.68	211 37
73	3117	2317.84	2323.14	15530	16330	12.17	70.16	148	3150	4686.45	4691.75	31399	32199	24 58	141.69	223	3145	7025.21	7030.51	47069	47869	36.84	212.32
74	3166	2349 5	2354 8	15742	16542	12 34	71 11	149	3148	4717 93	4723.23	31610	32410	24 75	142 64	224	3123	7056.44	7061.74	47278	48078	37 00	213.26
75	3125	2380.75	2386.05	15951	16751	12.50	72.06	150	3152	4749.45	4754.75	31821	32621	24.91	143.59	225	3056	7087	7092.3	47483	48283	37 16	214.19

ASPEN OPERATING CO., L.L.C.

			BBLS/FT.	Depth	TTL Vol.	CSG SZ:	7"	Csg lb/ft	26
LEASE:	T P State	CSG VOL	0 0382	12494	477 3	TBG SZ:	2 875	Tbg lb/ft	6.7
WELL :	AC 1 SWD	ANULAR VOL	0 0302	0	0.0				
DATE	11/11/2011	TBG VOL	0.00524	0	0 0		Length	Weight	
TD	12494	VOL BELOW TBG	0 0382	12494	477 3	BHA	9.3	800	
PERFS	12253-12494								
KB	4								

JT/STD	JT/STD LENGTH	TBG LENGTH	EOT LENGTH	TBG WEIGHT	STRING WEIGHT	TBG VOLUME	ANNULAR VOLUME	JT/STD	JT/STD LENGTH	TBG LENGTH	EOT LENGTH	TBG WEIGHT	STRING WEIGHT	TBG VOLUME	ANNULAR VOLUME	JT/STD	JT/STD LENGTH	TBG LENGTH	EOT LENGTH	TBG WEIGHT	STRING WEIGHT	TBG VOLUME	ANNULAR VOLUME
226	3118	7118 18	7123 48	47692	48492	37 33	215 13	301	3254	9475.75	9481 05	63488	64288	49.68	286 33	376	3242	11916	11921 3	79837	80637	62 47	360 02
227	3123	7149 41	7154 71	47901	48701	37 49	216 07	302	3241	9508 16	9513 46	63705	64505	49 85	287 31	377	3258	11948 6	11953 9	80055	80855	62 64	361 01
228	3117	7180.58	7185 88	48110	48910	37.65	217.01	303	3265	9540.81	9546 11	63923	64723	50 02	288 29	378	3238	11981	11986 3	80272	81072	62.81	361 98
229	3132	7211 9	7217.2	48320	49120	37 82	217 96	304	3244	9573 25	9578.55	64141	64941	50 19	289 27	379	3245	12013 4	12018.7	80490	81290	62 98	362.96
230	3165	7243.55	7248 85	48532	49332	37.98	218 92	305	3273	9605.98	9611 28	64360	65160	50 36	290 26	380	3268	12046 1	12051 4	80709	81509	63.15	363 95
231	3055	7274 1	7279 4	48736	49536	38 14	219.84	306	3251	9638 49	9643.79	64578	65378	50 53	291 24	381	3260	12078.7	12084	80927	81727	63 32	364 94
232	3125	7305.35	7310 65	48946	49746	38.31	220 78	307	3263	9671.12	9676 42	64797	65597	50.70	292 23	382	3254	12111 2	12116 5	81145	81945	63.49	365 92
233	3026	7335 61	7340 91	49149	49949	38 47	221 70	308	3245	9703 57	9708 87	65014	65814	50 87	293 21	383	3042	12141 6	12146 9	81349	82149	63 65	366 84
234	3078	7366.39	7371 69	49355	50155	38 63	222 63	309	3253	9736.1	9741 4	65232	66032	51.04	294 19	384	3242	12174.1	12179.4	81566	82366	63 82	367 82
235	3121	7397 6	7402.9	49564	50364	38 79	223 57	310	3265	9768 75	9774 05	65451	66251	51 22	295.18	385		12174 1	12179 4	81566	82366	63 82	367 82
236	3000	7427 6	7432 9	49765	50565	38 95	224 47	311	3240	9801.15	9806 45	65668	66468	51.39	296 15	386		12174.1	12179.4	81566	82366	63 82	367.82
237	3145	7459 05	7464 35	49976	50776	39 11	225 42	312	3268	9833 83	9839 13	65887	66687	51 56	297 14	387		12174 1	12179 4	81566	82366	63 82	367 82
238	3019	7489 24	7494 54	50178	50978	39 27	226 34	313	3264	9866.47	9871 77	66105	66905	51.73	298.13	388		12174 1	12179 4	81566	82366	63.82	367 82
239	3143	7520 67	7525 97	50388	51188	39 44	227 28	314	3244	9898 91	9904.21	66323	67123	51 90	299 11	389		12174 1	12179.4	81566	82366	63 82	367 82
240	3022	7550 89	7556 19	50591	51391	39 59	228 20	315	3276	9931 67	9936 97	66542	67342	52.07	300.10	390		12174 1	12179 4	81566	82366	63.82	367.82
241	3044	7581 33	7586 63	50795	51595	39 75	229.12	316	3238	9964 05	9969.35	66759	67559	52 24	301 07	391		12174 1	12179 4	81566	82366	63 82	367 82
242	3055	7611 88	7617 18	51000	51800	39.91	230 04	317	3244	9996.49	10001 8	66976	67776	52 41	302.05	392		12174 1	12179 4	81566	82366	63.82	367.82
243	3110	7642 98	7648.28	51208	52008	40 08	230 98	318	3243	10028 9	10034 2	67194	67994	52 58	303 03	393		12174.1	12179 4	81566	82366	63 82	367 82
244	3110	7674 08	7679 38	51416	52216	40.24	231.92	319	3268	10061.6	10066.9	67413	68213	52 75	304.02	394		12174 1	12179 4	81566	82366	63.82	367.82
245	3109	7705 17	7710.47	51625	52425	40 40	232 86	320	3256	10094 2	10099 5	67631	68431	52.92	305 00	395		12174.1	12179 4	81566	82366	63 82	367 82
246	2958	7734 75	7740 05	51823	52623	40 56	233.75	321	3262	10126 8	10132.1	67849	68649	53.09	305 99	396		12174 1	12179 4	81566	82366	63 82	367 82
247	3074	7765.49	7770.79	52029	52829	40.72	234 68	322	3235	10159 1	10164 4	68066	68866	53 26	306 97	397		12174.1	12179 4	81566	82366	63 82	367 82
248	3147	7796 96	7802 26	52240	53040	40 88	235.63	323	3235	10191 5	10196 8	68283	69083	53.43	307 94	398		12174 1	12179.4	81566	82366	63.82	367.82
249	3168	7828 64	7833 94	52452	53252	41.05	236 58	324	3240	10223.9	10229 2	68500	69300	53 60	308.92	399		12174.1	12179 4	81566	82366	63 82	367 82
250	3128	7859 92	7865.22	52661	53461	41 21	237.53	325	3270	10256 6	10261 9	68719	69519	53.77	309 91	400		12174 1	12179 4	81566	82366	63.82	367 82
251	3126	7891 18	7896 48	52871	53671	41 38	238 47	326	3257	10289.2	10294.5	68937	69737	53 94	310 89	401		12174 1	12179.4	81566	82366	63 82	367 82
252	3120	7922.38	7927.68	53080	53880	41.54	239.42	327	3273	10321.9	10327.2	69157	69957	54.11	311.88	402		12174.1	12179.4	81566	82366	63.82	367.82
253	3120	7953 58	7958 88	53289	54089	41 70	240.36	328	3255	10354 4	10359 7	69375	70175	54 28	312 86	403		12174 1	12179 4	81566	82366	63 82	367 82
254	3174	7985.32	7990.62	53502	54302	41.87	241.32	329	3236	10386.8	10392.1	69591	70391	54 45	313.84	404		12174.1	12179.4	81566	82366	63 82	367.82
255	3157	8016 89	8022.19	53713	54513	42 04	242 27	330	3271	10419 5	10424 8	69811	70611	54.63	314 83	405		12174 1	12179 4	81566	82366	63.82	367 82
256	3132	8048 21	8053.51	53923	54723	42 20	243.22	331	3265	10452 2	10457.5	70029	70829	54.80	315 81	406		12174 1	12179 4	81566	82366	63.82	367 82
257	3121	8079 42	8084 72	54132	54932	42.36	244 16	332	3266	10484 8	10490 1	70248	71048	54 97	316 80	407		12174 1	12179 4	81566	82366	63 82	367.82
258	3082	8110.24	8115.54	54339	55139	42.53	245 09	333	3260	10517.4	10522 7	70467	71267	55.14	317.79	408		12174.1	12179 4	81566	82366	63.82	367.82
259	3144	8141 68	8146 98	54549	55349	42 69	246 04	334	3275	10550 2	10555 5	70686	71486	55.31	318 77	409		12174 1	12179 4	81566	82366	63 82	367 82
260	3124	8172 92	8178.22	54759	55559	42.85	246 98	335	3251	10582 7	10588	70904	71704	55 48	319 76	410		12174 1	12179.4	81566	82366	63.82	367.82
261	3152	8204.44	8209.74	54970	55770	43 02	247 93	336	3265	10615 3	10620 6	71123	71923	55 65	320.74	411		12174.1	12179 4	81566	82366	63.82	367 82
262	3116	8235.6	8240.9	55179	55979	43 18	248.88	337	3230	10647 6	10652 9	71339	72139	55.82	321 72	412		12174.1	12179.4	81566	82366	63 82	367.82
263	2916	8264 76	8270 06	55374	56174	43 34	249.76	338	3270	10680 3	10685.6	71558	72358	55 99	322 71	413		12174 1	12179.4	81566	82366	63 82	367 82
264	3160	8296.36	8301.66	55586	56386	43.50	250.71	339	3252	10712.8	10718.1	71776	72576	56 16	323.69	414		12174.1	12179.4	81566	82366	63 82	367 82
265	3146	8327.82	8333 12	55796	56596	43 67	251 66	340	3238	10745.2	10750 5	71993	72793	56.33	324 67	415		12174.1	12179 4	81566	82366	63 82	367 82
266	3151	8359.33	8364.63	56008	56808	43.83	252.61	341	3262	10777 8	10783.1	72212	73012	56.50	325 65	416		12174.1	12179.4	81566	82366	63 82	367.82
267	3128	8390 61	8395 91	56217	57017	43.99	253.56	342	3261	10810 5	10815.8	72430	73230	56 67	326 64	417		12174 1	12179 4	81566	82366	63 82	367.82
268	3130	8421.91	8427.21	56427	57227	44.16	254.50	343	3261	10843.1	10848 4	72649	73449	56.85	327.62	418		12174.1	12179 4	81566	82366	63.82	367.82
269	3007	8451 98	8457 28	56628	57428	44 32	255 41	344	3234	10875 4	10880 7	72865	73665	57.01	328 60	419		12174 1	12179 4	81566	82366	63 82	367 82
270	3037	8482 35	8487 65	56832	57632	44.48	256 33	345	3235	10907 8	10913.1	73082	73882	57.18	329.57	420		12174 1	12179.4	81566	82366	63 82	367.82
271	3127	8513 62	8518 92	57041	57841	44 64	257 27	346	3248	10940 2	10945 5	73300	74100	57.35	330 56	421		12174.1	12179 4	81566	82366	63.82	367 82
272	3048	8544 1	8549 4	57245	58045	44.80	258.19	347	3237	10972.6	10977.9	73516	74316	57.52	331.53	422		12174 1	12179.4	81566	82366	63 82	367.82
273	3142	8575.52	8580.82	57456	58256	44 96	259 14	348	3271	11005.3	11010 6	73736	74536	57.70	332 52	423		12174.1	12179 4	81566	82366	63.82	367 82
274	3151	8607.03	8612.33	57667	58467	45.13	260.09	349	3237	11037.7	11043	73952	74752	57.87	333.50	424		12174 1	12179.4	81566	82366	63 82	367.82
275	3128	8638 31	8643 61	57877	58677	45 29	261 04	350	3270	11070 4	11075 7	74172	74972	58.04	334 49	425		12174.1	12179 4	81566	82366	63.82	367 82
276	3146	8669.77	8675.07	58087	58887	45.46	261.99	351	3260	11103	11108.3	74390	75190	58.21	335.47	426		12174.1	12179.4	81566	82366	63.82	367.82
277	3124	8701 01	8706 31	58297	59097	45 62	262.93	352	3245	11135 4	11140 7	74607	75407	58.38	336 45	427		12174 1	12179 4	81566	82366	63 82	367 82
278	3146	8732.47	8737.77	58508	59308	45.79	263 88	353	3245	11167.9	11173.2	74825	75625	58.55	337.43	428		12174.1	12179 4	81566	82366	63.82	367.82
279	3140	8763 87	8769 17	58718	59518	45 95	264.83	354	3241	11200 3	11205 6	75042	75842	58.72	338 41	429		12174 1	12179 4	81566	82366	63 82	367 82
280	3135	8795.22	8800.52	58928	59728	46.11	265 78	355	3265	11232.9	11238.2	75261	76061	58.89	339.39	430		12174.1	12179 4	81566	82366	63.82	367.82
281	3143	8826 65	8831 95	59139	59939	46.28	266 72	356	3255	11265 5	11270 8	75479	76279	59 06	340 38	431		12174 1	12179.4	81566	82366	63 82	367 82
282	3126	8857 91	8863.21	59348	60148	46.44	267.67	357	3245	11297.9	11303 2	75696	76496	59 23	341.36	432		12174 1	12179 4	81566	82366	63.82	367 82
283	3147	8889 38	8894 68	59559	60359	46.61	268 62	358	3256	11330 5	11335 8	75914	76714	59 40	342 34	433		12174.1	12179.4	81566	82366	63 82	367.82
284	3266	8922.04	8927 34	59778	60578	46.78	269.61	359	3242	11362 9	11368 2	76132	76932	59.57	343 32	434		12174 1	12179 4	81566	82366	63.82	367 82
285	3262	8954 66	8959.96	59996	60796	46 95	270 59	360	3258	11395 5	11400.8	76350	77150	59 74	344 30	435		12174 1	12179 4	81566	82366	63.82	367.82
286	3265	8987.31	8992.61	60215	61015	47 12	271.58	361	3246	11428	11433.3	76567	77367	59.91	345 28	436		12174.1	12179.4	81566	82366	63.82	367.82
287	3252	9019 83	9025 13	60433	61233	47 29	272 56	362	3257	11460.5	11465 8	76786	77586	60.08	346.27	437		12174.1	12179 4	81566	82366	63.82	367.82
288	3255	9052.38	9057.68	60651	61451	47.46	273.54	363	3237	11492.9	11498.2	77002	77802	60 25	347 25	438		12174.1	12179.4	81566	82366	63 82	367.82
289	3235	9084.73	9090 03	60868	61668	47 63	274 52	364	3253	11525 4	11530.7	77220	78020	60.42	348 23	439		12174.1	12179 4	81566	82366	63.82	367 82
290	3257	9117 3	9122 6	61086	61886	47.80	275.50	365	3258	11558	11563 3	77439	78239	60 59	349 21	440		12174.1	12179.4	81566	82366	63 82	367 82
291	3262	9149 92	9155.22	61304	62104	47 97	276 49	366	3230	11590 3	11595.6	77655	78455	60.76	350 19	441		12174 1	12179 4	81566	82366	63.82	367 82
292	3263	9182.55	9187 85	61523	62323	48.14	277.47	367	3269	11623	11628 3	77874	78674	60.93	351.17	442		12174.1	12179.4	81566	82366	63.82	367.82
293	3241	9214 96	9220 26	61740	62540	48 31	278 45	368	3254	11655 5	11660.8	78092	78892	61.10	352 16	443		12174 1	12179 4	81566	82366	63.82	367 82
294	3266	9247.62	9252.92	61959	62759	48 49	279.44	369	3255	11688 1	11693 4	78310	79110	61.27	353.14	444		12174 1	12179.4	81566	82366	63 82	367.82
295	3263	9280 25	9285 55	62178	62978	48 66	280 42	370	3260	11720 7	11726	78529	79329	61 44	354 12	445		12174.1	12179 4	81566	82366	63.82	367 82
296	3267	9312 92	9318.22	62397	63197	48.83	281.41	371	3255	11753 2	11758 5	78747	79547	61.61	355.11	446		12174 1	12179.4	81566	82366	63 82	367.82
297	3266	9345 58	9350 88	62615	63415	49 00	282 40	372	3266	11785 9	11791.2	78966	79766	61.79	356 09	447		12174.1	12179 4	81566	82366	63.82	367 82
298	3253	9378.11	9383.41	62833	63633	49.17	283.38	373	3245	11818.4	11823 7	79183	79983	61 96	357.07	448		12174 1	12179.4	81566	82366	63 82	367.82
299	3235	9410 46	9415 76	63050	63850	49 34	284 36	374	3270	11851 1	11856.4	79402	80202	62 13	358.06	449		12174 1	12179 4	81566	82366	63.82	367 82
300	3275	9443 21	9448.51	63270	64070	49 51	285.35	375	3252	11883 6	11888.9	79620	80420	62.30	359.04	450		12174.1	12179.4	81566	82366	63.82	367.82

Aspen Operating Co., L.L.C.

Wellbore Diagram

Well Name: TP State AC #1
County/State: Lea, New Mexico
Location: 660' FSL & 1980' FWL
Section 15, Twp. 10 S, Range 36 E

API: 30-025-03646
Field: Crossroads South SWD
Elevation: 4018' (GR)