

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007**S****SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

SEP - 9 2008

2 Name of Operator
BEPCO, L P

OCD-ARTESIA

3a Address
P O. BOX 2760 MIDLAND TX 79702-27603b Phone No (include area code)
(432)683-22774 Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FNL, 1980 FWL, UNIT LTR C, SEC 33, T24S, R31E5. Lease Serial No
LC061672-B

6 If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No
POKER LAKE UNIT8 Well Name and No.
POKER LAKE UNIT #529 API Well No
30-015-2414710. Field and Pool, or Exploratory Area
BIG SINKS (WOLFCAMP) SOUTH11. County or Parish, State
EDDY
NM

12 CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other RE-PERF IN
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	WOLFCAMP &
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PRODUCE

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BEPCO, L. P. RESPECTFULLY WISHES TO REPORT THE WELLWORK ON THE SUBJECT WELLBORE AND IT'S RETURN TO PRODUCTION IN THE WOLFCAMP FORMATION FROM TA'D STATUS. PLEASE SEE THE ATTACHED EXTENDED REPORT OF THE WELL ACTIVITY THROUGH JUNE 17, 2008.

WELL'S BEST PRODUCTION TEST WAS 206 MCFPD, 5 BWPH ON A 12/64" CHOKE, FTP 300 PSI.

WELL IS SHUT-IN PENDING THE APPROVAL OF THE PIPELINE CONSTRUCTION SUNDRY SUBMITTED ON 7-12-2008.

ACCEPTED FOR RECORD

SEP 10 2008

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

ANN MOORE

Title PRODUCTION CLERK

Signature

Ann Moore

Date 07/16/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

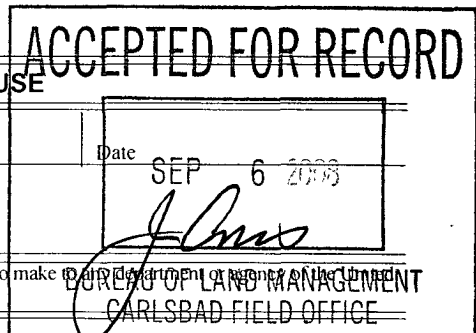
Office

Date

SEP 6 2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



WELL NAME: POKER LAKE UNIT #52 **API:** 30-015-24147

FIELD NAME: BIG SINKS, SOUTH (WOLFCAMP)

LOCATION: 660' FNL & 1980' FWL, SEC 33, T25S, R31E
Eddy County, NM

RECOMPLETE TO WOLFCAMP

11/2-12/2/2007 RIH w/ 2 3/8" jet cutter to 12385' (5' above pkr). PU to 75000# on tbg. Cut tbg to see jump. Wait 2 hrs for u-tube press equalize. POOH w/ wireline. POOH w/ 270 jts 2 3/8" tbg.

12/03/2007 RIH w/ mill assembly, 4- 4 3/4" drill collars, x-o sub & 3 jnts 2-7/8" workstring to have well flowing up tbg. RU Rev pump to csg & pump 60 bbls 2% KCL wtr, unable to kill well. Cont to flow tbg/ csg to tank, pump 60 bbls 10# brine. Cont to flow to tank. RU Pro-Wireline Service, set & test retrievable plug in 2.25 - "F" nipple above tools. RU Stripper head & PU RIH w/ an additional 133 jnts 2-7/8" tbg to leave shoe @ ~4350'.

12/04/07 RU reverse pump & load tbg w/ 22 bbls 2% KCL. Continue to RIH w/ tbg to 8500' & load tbg w/ same. RIH w/ remaining tbg to leave shoe @ 12357' (33' above pkr). Close in csg & RIH w/ slickline (csg pressure built to ~300 psi in 30 min). Attempted to fish plug in "F" nipple w/ no success. POH with slickline. PU & RIH w/ 2" bailer. Recovered rust & pipe dope. POH w/ 4 stands of tbg to leave shoe 66' above TOL. Pro-Wire line tester on location to flow csg to tank overnight. Recovered 26 bbls of fluid in 12-hrs (5 BO & 21 BW).

12/05/07 Decision made to drop cutter bar. Began to RD lubricator to have slickline rams part line. RD Lubricator. POOH w/ 4-jnts tbg to find parted slickline. RU & drop cutter bar. POOH w/ slickline to find part @ ~2674', leave 9273' slickline, 3'- Go Devil wire cutter, 12'-2.25 bailer & 8' (jars & bar) in tbg. POOH w/ 47stands tbg to find slickline. Pro-Wireline tester on location to flow csg to tank overnight. Prep to POOH w/ remaining tbg to "F" nipple in am. Well flowing w/o @ ~ 20 psi (no fluid).

12/06/07 RU Pro-Wireline & drop second cutter bar. POOH w/ remaining slickline(~9273'). POOH w/ tbg to drill collars, LD "F" nipple & slickline tools. Replace "F" nipple & RBIH w/ 60 stands tbg, to have 15 + stands tbg fall across derrick due to high winds. Pro-Wireline tester on location to flow csg to tank overnight, w/o @ ~20 psi (~3 bbls).

12/07/07 RIH w/ remaining tbg to tag TOL @ 12208'. Work mill into liner & Cont RIH to 12357' to tag light fill. RU Power swivel w/ 10-K kelly valve. Break rev cir w/ 180 bbls- 2 bpm @ 400 psi. Switch returns to flowback tank, circ gas off for 1-1/2 hrs & wash down to pkr @ 12390'. Mill on pkr for 5 hrs w/ 800 psi @ 2-1/2 bpm (returns to rev pit). Made ~2.5' of hole. PU mill & circ WB clean. PUH w/ tbg to leave tools above TOL.

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- 12/08/07 RBlH w/ tbg to retag pkr. Break circ w/ 2% KCl. Returns were gas cut. Mill on pkr for 3.5 hours to have same fall free. Circ wellbore clean. Pumped 30 bbls of 2% KCl to kill tbg. Washed down 2 jts w/ swivel to have pkr hang up in perms. Work tbg & rotated for 1 hour to have fall free. Circ wellbore clean. Pumped 70 bbls of 2% KCl down tbg. Well cont to flow back. Pumped 50 bbls of 10# brine down tbg. Washed down 3 jts to have pkr remain free. Cont to RIH w/ tbg to push pkr & tag @ 13660' (545' below bottom proposed perf). Leave tools @ 12014' (194' above TOL).
- 12/10/07 Recover 200 bbls fluid. SI tbg & blow down csg. At 12 pm FCP - slight blow. MI additional 500 frac tank. Empty flowback tanks. Start to fill w/ 800 bbl 10# brine. Fill throughout evening. Leave well flowing overnight w/ tester on location.
- 12/11/07 RU reverse pump to csg. Open tbg through choke manifold. Start pump 10# brine water @ 3 bpm. Caught press after 145 bbls pumped. Open choke & adjust during pumping. Returns of gas changing to fluid. Circ wellbore w/ 900 bbls 10# brine. Have returns of fluid out tbg. Pump 75 bbls down tbg w/ backside open. Still flowing out tbg. SI csg & pump down tbg to have press build to 2500 psi. Open csg to pump additional 40 bbls down tbg. Returns of water, no gas out csg. SD pump. Tbg on vacuum & csg dead. Left milled pkr in hole.
- 12/12/07 Open csg to flowback tank. After 2 hrs FCP - 100 psi. Cont to blow down to see fluid. SI well. RU 5K lubricator. RIH w/ CCL/ junk basket w/ 6.5" gauge ring to 12500'. See FL @ 510'. Correlate on depth using Gearhart Cement Bond Log. RIH w/ 6.31" OD CIBP/ CCL. Correlate on depth as before. Run short strip across setting depth. Set CIBP in 7 5/8" csg @ 12500'.
- 12/13/07 RIH w/ 7 5/8" Baker "Retrievamatic" pkr on 396 jts 2 7/8" workstring. Tag CIBP @ 12500'. Tally corrected to WL +8'. Set pkr @ 12490' (10' above CIBP & 21' below btm perf). Tbg loaded. Press test CIBP to 5000 psi-OK. Release pkr & PUH to 12424' (38' above Wolfcamp perms). Spot 73 bbls 2% KCL water to EOT. Set pkr. Test tbg-csg annulus to 1500 psi-OK. Start pump to establish injection rate w/ same fluid. Steady climb to 5000 psi. 4750 psi @ 1.0 - 1.2 BPM, 4950 psi @ 1.5 BPM. Open bypass on pkr. Wait on tbg - csg balance.
- 12/14/07 POOH w/ tbg & 7-5/8" retrievomatic pkr. RIH w/ Baker 7-5/8" CICR & 2-7/8" tbg to ~12424'. Pump 75 bbls through retainer & set @ 12424'. RU Rev pump to csg & load w/ 18 bbls. Test tbg-csg annulus to 1500 psi-OK.
- 12/17/07 Test treating lines to 5000 psi. PU to close retainer valve & test tbg to 5000 psi. Release from retainer, set back down into retainer & pmp 4 bbls FW w/ 4360 psi @ 1.5 bpm to establish inj rate. Sting out of retainer, pmp 10 bbls FW ahead of 20 bbl cmt slurry & 40 bbls to spot cmt in tbg. Sting back into retainer & squeeze " Wolfcamp" perms @ 12462'-69' w/ 3500 psi @ 1 bpm, walk press up @ ~1/2 bpm to reach sqz press of 6000 psi. SD pump & bleed press off to 4200 psi to get back 1/2 bbl wtr. Pump 1/2 bbl to reach sqz press of 6000 psi w/ 9 bbls cmt in perms. Tbg csg annulus @ ~700 psi during squeeze. Sting out of retainer. Break rev cir w/ 1200 @ 4 bpm & pmp 90 bbls FW to tank. POOH & SBID w/ 2-7/8" tbg.

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12/18/07 ND 7 1/16" 10K BOP. NU 11" 10K BOP. Press test 2 7/8" pipe rams to 9000 psi-ok. NU 4 1/16" tap flange & press test blinds to 9000 psi-ok. RD testers. RIH w/ 6 3/8" rotary bit, 4- 4 3/4" DC's on 100 jts 2 7/8" workstring.

12/19/07 Cont RIH w/ remaining 296 jts 2 7/8" workstring to tag cmt @ 12422'. RU 11" 10K x 7 1/16" 5K spool w/ stripper head. Break rev circ w/ 10# Brine (wellbore previously loaded w/ brine). Start drill out retainer. As drill through top slips on retainer have plug follow bit up hole. Have show of gas as cont drill. Cont drill for 4 hrs. Circ hole clean. PUH to swing bit above liner.

12/20/07 RIH w/ bit to tag @ 12428'. Break rev circ w/ 10# brine. Cont drill on cmt to stop making hole @ 12453'. See returns of bearings from bit (6 3/8" K-Rock "new" skirted mill tooth bit). 16' cmt remains to bottom perf of 12469'. Circ hole to clean up returns. Find 2 missing cones. Wait on delivery of rental magnet. Find circ ports plugged on magnet. Work for 45 mins to try clean up.

12/21/07 RIH w/ 6" magnet, bit sub & 396 jts 2 7/8" N80 tbg. Tag fill @ 12453'. RU swivel. Break conv circ w/ 10# brine & attempt wash debris away from cones. Wash down to take weight. Switch to rev circ w/ same fluid. Work swivel slowly for 30 mins. Successfully fished complete bit cones & pieces of retainer. RIH w/ 6 1/4" new "Varel" mill tooth bit, bit sub, 4 - 4 3/4" DC's, 1- 2 7/8" jt N80 tbg, 2 7/8" "F" profile nipple w/ 2.250" ID, 190 jts 2 7/8" N80 tbg.

12/26/07 RIH w/ tbg to tag cmt @ ~12453'. Break rev cir w/ 10# brine. DO remaining cmt to 12469' & wash down to CIBP @ 12500'. Cir hole @ 2-1/2 bpm w/ 550 psi, until clean returns (1-hr). SD swivel & test csg to 1500 psi-ok-30mins. Bleed press off & break rev cir. Drill on CIPB for 2-hrs to have turn free & lose 20-K string weight. Bit torqueing, saw bearings in returns. PUH 15' & circ gas off for 2-hrs. Pump 30 bbls to kill tbg.

12/27/07 PU on tbg to find remains of plug @ bit w/ 30-K weight loss. Break rev cir @ 2-1/2 bpm w/ 550 psi & circ for 45 mins. RU Swivel & work to free remains of plug, unable to drill on plug due to bit condition (possible loss of cones). Cont to work plug for 1-hr to have fall free. RIH w/ 1-additional jnt tbg (bit @ ~ 12520'), break rev cir @ 2-1/2 bpm w/ 700 psi & circ gas off to reverse pit for 6-hrs.

12/28/07 RIH w/ 2 stands tbg to have plug hang up, work plug down an additional 3-jts to have plug stuck. Break rev cir @ 2-1/2 bpm w/ 550. Drill on plug for 30 mins to have fall free. Work remains of plug down to ~13660'. POOH w/ tbg, LD drill collars & bit (all cones on bit loose & skirts bent in). RBIH w/ new 6-1/4" bit, MI SWACO 6.495" OD "SPS" csg clean up tool & 75 stands 2-7/8" tbg.

12/29/07 Cont to RIH w/ tbg & csg scraper. Tagged plug @ 13660'. PUH 2' off bottom w/ tools. Rev circ wellbore w/ 150 bbls of 10# brine. Had dark water after bottoms. Returns cleaned up after 65 bbls. LD 35 jts of tbg. POOH w/ tbg to leave tools @ 4975'.

12/31/07 POOH & LD csg scraper. Decision made not to run pkr due to increasing high winds. RIH w/ SN on 5000' 2 7/8" workstring.

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01/02/08 POOH & SBID w/ tbg. RBIH w/ pkr assembly (4-1/2" WLEG, 4-1/2" 10K Magnum double glass disk, (1) 40' jt 13.5# P-110 csg, Baker "FA" permanent pkr) & 265 jts tbg (~8,350') to have csg full of fluid. Pump 6 bbls of 10# brine down tbg. Cont to RIH w/ tbg to top of liner @ 12,208'. Worked into liner & continued to slowly RIH w/ tbg to ~12,472' to have pkr prematurely set or stuck. Set down 2K on pkr & pulled up same to have tbg show slight jump. Attempted to work pkr free w/ no success. Pump 60 bbls 10# brine. Worked to free pkr for 1 hr w/ no success (string weight @ 60K, worked up to 85K straight pull & had no movement up or down).

01/03/08 Cont to work pkr free for 1 hr w/ no success. Decision made to set pkr in place @ 12,465' (top of pkr @ 12,465' & bottom of tailpipe or WLEG @ 12,510'). Dropped 1-7/16" setting ball down tbg & waited 1 hr. Load w/ 8 bbls 10# brine, & press tbg to 2,000 psi. PU 25K & bleed press off. Repressured tbg to 2000 psi, PU 20K & walked pressure up to 3,000 psi. Bleed off press, rotate out of pkr, & allowed csg/tbg to equalize. RU rev pump to csg & tested to 600 psi-ok. LD Baker model "B" setting tool & bumper sub. RBIH w/ tbg to leave EOT @ ~5,580'.

01/04/08 POOH & SBID w/ tbg. RIH w/ Gamma ray/ CCL to 12466'. Correlate to get on depth using Gearhart cement bond log (10-23-82), log from 12466' to 11900' to find top of pkr @ 12454', bottom @ 12457'. Bottom of pkr 5' above previously squeezed perfs @ 12462'- 69'. Decision made to leave pkr in place @ 12454'. RBIH w/ 200 jnts 2-7/8" workstring. POOH & LD 200 jnts tbg. RBIH w/ 120 jnts tbg.

01/05/08 RIH w/ remaining tbg. POOH & LD 200 jnts 2-7/8" workstring.

01/07/08 Restrung draw works to 8 lines (240,000# max pull). Unload & rack 334 jts 4 1/2" 13.5# P-110 work-string. Back haul 394 jts 2 3/8" N-80 prod tbg & 3 jts 4 1/2" P-110 csg to McClatchy trk yard, Load & return 14,000' 2 7/8" work string to TFH Rentals. Remove thread protectors, drift WS & clean threads.

01/08/08 Hydril rep on location revealing several boxes & pins w/ slight corrosion & gaulding. PU Baker 4 1/2" seal assembly w/ x-over & RIH w/ 267 jts 4 1/2" work string observing 4000 ft-lbs as max torque, to have 2" water hose for hydromantic fail. Attempt to repair same w/ no success (excessive heat, tbg weighing 110,000#). Secure wellbore w/ EOT @ +/- 11,115' (1342' above top of pkr.)

01/09/08 RIH w/ 30 jts 4 1/2" work string to land EOT @ 12,430' (24' above pkr). RU reverse unit & displace wellbore w/ 900 bbls 2% KCL w/ pkr fluid (46 bbls over cap), (returns clean, no gas). RIH w/ WS & latch seal assembly in pkr, space out same to land in 34,000# comp. PU LD machine. Attempt to test csg, w/ no success, tbg hanger leaking.

01/10/08 Dressed ID of tbg head bowl. Reland tbg as before w/ 34000# comp @ pkr & test csg to 1500 psi w/ 2 % KC-ok. Press same to 6430 psi to est pump in rate @ 1.8 bpm w/ 4 bbls 2%. Inspect lines & equip. Open tbg to tank press bled to 0 psi after 8 min. Press increased to 1800 psi after 15 min. Pumped a total of 13 bbls 2% KCl pkr fluid into perfs. Bled press to 0 psi. RIH w/ 1.75" 4 pt chisel, 2' x 1 .5" weight bar, 3.255" OD fluted No-Go, 1.5" spang jars, & (3) 1.5" weight bars w/ rope socket. Press tbg to 3000 psi & tag glass disk to fall free w/ no change in press.

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- 01/11/08 SI 9 5/8" x 7 5/8" 400 psi. RU SWS w/ 10,000 psi lubricator & RIH w/ 3 3/8" CCL & 5 - 3 3/8" csg guns loaded w/ 22.7 gm super jet charges @ 120° phasing & 2 JSPF. Run tools past EOT (no obstructions). Correlate depths to Gearhart CBL (10/23/82). Cut CCL strip across perf interval & re-perforate the **Wolfcamp @ 13,110 - 15' (10 shots), 13,010 - 15' (10 shots), 12,971 - 76' (10 - shots), 12,948 - 53' (10 - shots) & 12,897 - 902' (10-shots) 50 total.** Monitor tbg & csg press w/ no changes. POH w/tools, (all shots fired). Tbg press decreased from 3100 psi to 1500 psi after 35 min. RD reverse unit & open tbg to flow back tank w/ w/o choke, press bled to 0 psi instantly. Monitor flow for 2+ hrs recovering 1/2 bbl water & flowing w/ 7 psi FTP.
- 01/14/08 Open tbg to Flowback tank w/ choke manifold, press bled to 0 psi after 10 min, recovering good show of gas & 4 bbls wtr. Test lines to 7300 psi. Reload tbg w/ 18.6 bbls produced water break down perfs w/ 5850 psi. Pump 7 bbls P/W @ 6.2 BPM w/ 5660 psi. ISIP 5101 psi & 4870 psi after 5 min. SD 3.5 hrs. RU Protechnics, 3 hr SITP 3651 psi. Switch Cudd to pmp 1000 gals 7 1/2% NEFE HCL acid, tagged w/ Scandium @ 6.3 BPM w/ 5730 psi. Flush acid to bottom perf w/ 213 bbls P/W @ 4850 psi w/ 6.0 BPM, ISIP 4590 psi. SI tbg & load ball gun w/100 - 7/8" 1.3 SG ball sealers. Open tbg & pmp 4000 gals acid same as above dropping sealers (+-1 per bbl), Flush acid & sealers to bottom perf w/ 218 bbls P/W @ 10.5 BPM w/ 5439 psi & ball out perfs w/ 6428 psi after 70 sealers on formation (6500 psi max press). SD, surge tbg to blow down tank, displace remainder of flush @ 10.3 BPM w/ 5590 psi. (cont to see ball action). ISIP-4682 psi. after 5 min- 4612 psi. 10-min 4589 psi & 15 min 4589 psi. (545 total BLTR). Open tbg to blow down tank w/ 4400 psi. @ 2.5-3 BPM. Restraining Draw works on PU to 4 lines. At 6:00 p.m. (+- 3 hrs) flowing w/ 4250 psi on a 7/64" choke @ 21 bbls wtr per hr & gas est @ 1200 MCFPD.
- 01/15/08 Recovered 204 total bbls load wtr overnight, w/ tbg press decreasing to 10 psi after 15 hrs. SI tbg for 3.5 hrs to have press increase to 1200 psi. Open tbg w/o to tank to recover 13 bbls load water. Press bled to weak blow & no recovery after 2 hrs.
- 01/16/08 RIH w/ SpectraScan logging tool. Log wellbore from PBTD @ 13,660' to +- EOT @ 12,499' POOH w/ tools.
- 01/17/08 Open tbg to pit, press bled to weak blow after 25 min to recover good show of gas & 15 bbls load wtr after 3 hrs. RU pump truck to tbg & pump 225 bbls p/w (13 bbls over cap) to displace tbg @ 3.4 bpm w/ 4600 psi.
- 01/24/08 Open tbg to blow down tank through choke manifold, press bled to weak blow after 35 min recovering 33 bbls water. SI tbg & switch csg to manifold, open same press bled to 0 psi after 30 min. Tbg press increased to 2200 psi. Bled press to tank. ND Frac Stack & replace 4 1/2" x 11" Hanger w/ new (Double seal) hanger. RU pump truck to csg & press same to 1500 psi-ok. NU Frac Stack, sub out top of Frac Stack w/ 4 1/2" P-110 subs & TIW valve.
- 01/25/08 NU 10K single Hyd BOP w/ 4 1/2" rams on top Frac valve. Test Frac Stack to 9500 psi. SD & bled press several times repairing misc leaks from Frac Stack to flow back manifold. Run press chart @ 9500 psi for 10 min-ok. Bled press. ND 4 1/2" tbg subs.

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01/31/08 Test lines to 10,000 psi. Set Pop off @ 9330 psi. Install 2" pop off on csg & set same @ 2000 psi. Loaded w/ 2% KCl. Start pre-pad stage @ 24 bpm & 5506 psi. Pad on formation increased rate to 39 bpm & 6770 psi. Increase rate to 53 bpm & 8148 psi. Start 0.25 ppg 40/70 Carbo Prop @ 57 bpm & 7300 psi. Prop on formation to have tbg/csg communicate. Open csg to blow down tank (pop off valve maxed out). Recovered 450 bbls frac fluid. SI w/ 4250 psi. Discover cups on tree saver were torn up.

02/01/08 RU SWS w/ 10,000 psi lubricator. PU 2-3/4" junk basket w/ 3.72" gauge ring, 3-3/8" CCL, & (3) 3-3/8" weight bars & RIH. The CCL revealed the 4-1/2" csg subs were all in place. RIH w/ tools & set down @ 7710' FS. Work w/ tools to discover same stuck. Flow 4-1/2" WS to tank for 5 min & pulled free. RIH w/ tools & set down @ 7656' FS. Work tools free & POOH to 6000' FS w/ tools dragging but coming free. RIH w/ tools & set down @ 7020' FS. POOH w/ tools dragging while flowing 4-1/2" WS @ 1.5 bpm to tank recovering 106 bbls of frac fluid. Tbg press decreased to 700 psi. RBIH w/ tools as before. SI press on WS & csg decreased to 3000 psi. Set down w/ tools @ 6980'. PU straight on tools & came free. Flowing 4-1/2" WS, to tank, @ 1 5 bpm. RIH w/ tools to set down @ same spot. Cont to flow tbg to recover & additional 100 bbls of frac fluid w/ WO choke & press decreasing to 100 psi. RIH w/ tools w/ straight pick up. Press increased to 1000 psi after 8 min & to 3200 psi after 1 hr.

02/04/08 Open tbg to blow down tank w/ choke manifold. Press bled to 130 psi after 1 hr & recovered 90 bbls of frac fluid (no hydrocarbons). SI tbg & the press increased from 130 to 1000 psi after 30 min. ND top frac valve & flow-tee. Restrung pulling unit to 8 lines (260,000# max pull).

02/05/08 NU flow tee & top frac valve. Test lines. Mix 25 bbls 2% KCL W/ red dye & gel. Pump 10 bbls p/w w/4600 psi @ 5 bpm, Open Csg to Blow down tank w/ choke manifold w/ 4100 psi. Switch Cudd to dyed gel, w/ instant dyed returns to tank. Shut in tbg w/ csg flowing to tank w/ good show of gas. Shut in csg. ND top frac valve & flow tee.

02/06/08 Open csg to blow down tank, Press bled to weak blow after 45 min recovering 65 bbls frac fluid. Open bottom frac valve & install 4 1/2" tbg sub w/ TIW valve . ND bottom Frac valve to discover evidence of prop cuts on tbg hanger around 4 1/2" threads. NU 10,000 psi hyd BOPE. ND 4 1/2" sub & PU 3 7/8" Spear. RIH & land same below tbg hanger. POOH w/ same to discover 4 1/2" csg had pulled free from bottom of hanger w/ evidence of prop cutting in several areas around thread area. PU same spear & RIH w/ 4 1/2" tbg subs to tag 4 1/2" csg. 24' below surf. PU on installation to 160,000#. Release 4 1/2" csg from pkr seal assembly @ 12,454' fs. Received hard fluid kick w/ good show of gas up tbg. ND spear assembly w/ all tbg subs & install 4 1/2" x 10,000# TIW Valve. Shut down w/ EOT +- 40' above top of pkr. Recovered 226 bbls through out daily activity's (1295 BLTR).

02/07/08 Check pressure's & location. Clean & backdrag same, transfer fluid & haul 900 bbls 10 ppg brine water.

PLU # 52

02/08/08 Open csg to blow down tank, w/ tbg open to rev unit pit. Press bled to weak blow from csg after 35 min recovering 86 bbls H2O. Tbg bled to 0 psi after 40 min w/ no fluid recovery & 100% gas. Break circ w/ 65 bbls 10 ppg brine water, recovering good show of gas & condensate @ returns. Displace wellbore w/ 925 bbls 10 ppg bw @ 4.5 bpm w/ 450 psi. (66 bbls over cap). Wellbore cont to unload BW to tank. Attempt to RIH w/ junk basket w/ 3.812" gage ring & CCL, to have same set down in TIW valve. LD tools, inspect 4-1/2" x 10-K TIW valve to discover same & cross over's w/ 3.75" ID. Blow tbg to tank ND valve & PU 1st single seal 11" x 4-1/2" tbg hanger & reland 4-1/2" csg as before. NU 11" x 7 1/16" adapter w/ 10-K Frac valve. RIH w/ 3 1/2" junk basket w/ 3.812" gauge ring, 3-1/8" CCL, & 3-1/8" x 7' weight bar. Cut CCL strip across EOT & pkr, (no obstructions). PU Baker 4-1/2" wireline set, tbg retrievable model "WG" 10-K bridge plug & RIH w/ tools as before Repeat same procedure as above & set RBP top @ 12,482' FS. POOH w/ tools slowly bleeding press (540 psi) to tank. ND frac valve & adapters, PU on tbg & LD tbg hanger.

02/11/08 Open csg to blow down tank, w/choke manifold, press bled to 0 psi after 35 min, no fluid recovery. Open tbg to frac tank, press bled to 0 psi after 35 min. (Dry Gas). Unload & rack 70 jts 4-1/2" P-110 LTC w/s. Clean, service & wet mag test pin's & boxes for cracks (Black Light) 33 jts 4 1/2" 563 hydril, & 70 jts 4-1/2" LTC. Tbg started to unload, water & gas. RU same to tank, pump 200 bbls 10 ppg BW down csg w/ BOPE equip open. Receiving 100% returns w/ gas. Switch to pump 20 bbls same down tbg to break circ. Close BOPE & pump 200 bbls same as above w/ 100% returns. Close csg & press same to 1000 psi for 15 min-ok). Open tbg, tbg dead, open csg, csg continued to unload w/ show of gas for 30 min, press bled to 0 psi.

02/12/08 Csg unloaded 42 bbls H2O overnight. POOH w/ 210 jts 4 1/2" WS (pulling 150,000# off bottom) no well control problems. Cont to clean, service, drift & wet mag test pins & boxes. Hydril rep on location inspecting pins & boxes rejecting 98% of WS due to corrosion on nose end & excessive thread galling. Open tbg & csg to tank w/ well watcher on location.

02/13/08 Cont to POOH w/ 4-1/2" work string (91 jts), cleaning, drifting & wet mag inspecting pins & boxes. No failures from mag testing. Hydril rep (Forrest Coy) rejected 288 of 334 jts work string due to corrosion & galling. Load & return to Midland 260 jts 4-1/2" hydril P-110, 12 Subs & 2-X over's, all w/ thread protectors. Unload & rack 402 jts. 2-7/8" 6.5# 8th EUE. Replace 4-1/2" pipe rams in BOPE to 2-7/8". Tally & prepare tbg.

02/14/08 PU 2-7/8" SN w/ wireline re-entry guide & RIH w/ 313 jts 2-7/8" L80 prod tbg (installing collar seals) to land EOT @ 10,018' FS. NU new 2-9/16" x 10K wellhead. Load remainder of 4-1/2" WS (74 jts hydril & 70 jts LTC). Clean location & release rental equip.

04/30/08 RU 10-K flowback manifold to csg. Set blow down tank. Load pit w/10 PPG B/W. Open CSG to tank w/ 10/64" choke flowing 2.300 MCFGPD w/ 3200 psi FCP.

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05/01/08 Well cont to flow overnight w/ 10/64" choke & unloading 110 bbls pkr fluid. Open csg slowly to WO choke to lower csg press to 300 psi. Kill same w/ 85 bbls 10 PPG B/W. Switch to csg & pump 60 bbls same to break circ. Circ wellbore for 4.5 hrs @ 2.5 BPM w/ 450 psi. Receiving hard kicks of gas @ returns, to have wellbore die. Test BOPE to 4000 psi-ok. Bled press & POOH w/ 10 jts 2-7/8" tbg, secure wellbore & turn over to flow back crew. Preparing to POOH w/ remainder of tbg. Unload & rack 185 jts 4-1/2" 13.5# P-110 WS & 4- HYDRIL x LTC x- over's & 2'-4' 6' & 8' LTC TBG subs from PLU #42 & 149 jts.

05/02/08 POOH w/ remainder of 2 7/8" tbg LD (313 total jts). Replace 2 7/8" rams in BOPE to 4-1/2". Test same to 1500 psi-ok. Restraining PU to 8 lines (240,000# max pull). Move 2-7/8" tbg & rack 334 jts 4-1/2" 13.5 # P-110 WS.

05/03/08 PU Baker model K 36 seal assembly w/ x over & RIH w/ 85 jts 4-1/2" P-110 work tbg using stabbing guide & Best Of Life 2000 pipe dope & observing 4000 ft-lbs as max torque. Testing pipe to 10,000 psi above the slips (no failures).

05/04/08 RIH w/ 98 jts 4-1/2" P-110 work tbg using stabbing guide & Best Of Life 2000 pipe dope & observing 4000 ft-lbs as max torque as before. Testing pipe to 10,000 psi above the slips (no failures). Wellbore periodically would unload water & gas damaging testing cups & equip. Preparing to cont to RIH w/ tbg Monday. Note Empty frac tanks & treat same w/ BJ Alpha 133 biocide.

05/06/08 Cont to RIH w/ 4-1/2" P-110 work tbg testing same to 10,000 psi above the slips & observing 4000 # as max torque. RIH w/ 30 jts to have wellbore come in unloading water & gas from csg and tbg. Circ same as before for 1 hr RIH w/ remainder of tbg, (302 total jts) tag pkr @ 12,454' FS. Latch into pkr & attempt to space out same to land 35000# comp w/no success (no subs correct length). Take 10' x/ over to machine shop for fabrication.

05/07/08 PU 4-1/2" x 3.80' 563 Hydril x 8rd LTC x- over & 1 jt 4-1/2" P-110 WS & RIH latch into seal assembly & secure tbg (pulling 154,000#). Space out 4 1/2" WS landing 45,000 # comp (58") @ pkr. Test tbg sub, tbg jt & hanger to 10,000 psi. Bled press. NU 4-1/2" x 2-3/8" 10-K x/ over w/ tbg sub & TIW valve. ND 11" 10-K BOPE & NU 10-K frac valve w/ 11" x 7-1/6" spool. NU 10-K single BOPE equipped w/ 2 3/8" rams. Test BOPE, Frac valve, & 4-1/2" hanger to 9000 psi-ok. Switch to csg & preset pop off valve @ 2600 psi. Load csg w/ 42 bbs 10 PPG b/w & press same to 2000 psi. Attempt to switch to tbg to discover same w/ 1400 psi. Open same to blow down tank, press bled to weak blow after 2 Hrs. NU to tbg & load same w/ 66 bbls 10 PPG B/W. Annulus psi held steady at 2000 psi during pump-in / flow of tbg. Preparing to RIH w/ junk basket/CCL. Unload & rack 421 jts 2-3/8" N-80 WS. Cont to refill frac tanks w/ PW.

05/08/08 Cont to flow overnight w/ 0 psi & unloading 210 BBLS wtr. ND 4-1/2" x 2-3/8" x/ over & NU 4-1/2" x 2' sub w/ thread lock (protecting threads in 4-1/2" hanger). SD 2.5 hrs waiting on WL rams. RIH w/ tools correlating pkr depth to RBP record dated 2/8/08. Log wellbore from 13,145' (30' below bottom PERF) to pkr top @ 12,454'. Tbg press increased to 700 psi after 4 hrs. Bled csg press to 0 psi. Restraining PU to 4 lines & shut down.

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05/09/08 ND 10-K x 2-3/8" BOPE. NU 10-K flow cross & 10-K frac valve. RU same to flow back manifold. Test all valves & connections to 9500 psi. Backhaul 421 jts 2-3/8' N-80 work tbg. Release pump, pit & misc equip. Clean location, cont to refill frac tanks w/ P/W. Note: tbg press increased to 2750 psi through day.

05/13/08 RU kill truck to 9-5/8" x 4-1/2" csg w/ pop off set @ 3500 psi held 1800 to 2100 psi on annulus. Test lines to 10,500 psi Frac Wolfcamp Perfs 12,897'-13,115' down 4-1/2" csg w/ spearhead of 5000 gals 7-1/2% HCL w/ additives followed by 4110 total bbls 20# linear gel & 106,286# 40/70 Carbo Prop. Avg rate & press 54.8 BPM w/ 8794 psi. Job pumped as designed. (Total load to recover 4110 BBLs). Half of seal from isolation tool gone. Open csg to tank w/ manifold @ 4:00 pm w/4450 psi on 8/64" choke & 1500 MCFGPD. Recovered 126 bbls Frac fluid & 1350 MCFGPD.

05/14/08 Note that previous day's gas rates were overstated due to using uncorrected choke coefficient w/ 2-phase flow. Well flowing on 10/64" choke 2650 psi FTP, 27 BWPH & roughly est gas rate of 500 MCFPD.

05/15/08 Cont to flowback tbg w/ 2500 FTP, 10/64" choke, recovering 25 BW/HR, @ a gas rate of 1380 MCFD. Increase choke to 12/64". Well flowing @ a rate of 1162 MCFD, 17 BW/HR, FTP 1450 psi, 12/64" choke. Recovered 577 bbls. Returns showing evidence of gas & condensate.

05/20/08 RU w/ 5K lubricator (tbg press increased to 1000 psi after 2 hrs). PU junk basket w/ 3.625" gauge ring & RIH w/ weight bars & CCL. RIH & tag obstruction @ 450' FS. Work w/ tools w/ no success. POOH w/ tools & inspect junk basket. Open tbg & flowed well @ 3.5 - 4.0 MMCFD rate to tank for 10 min (no recovery). RIH w/ tools as before to set down @ 290' FS. Work w/ tools w/ no success. Pump 40 bbls of 10 ppg BW @ 1 bpm. RIH w/ tools pushing obstruction down hole. RIH w/ tools to 13,180' (65' below bottom perf). POOH w/ tools & LD junk basket. PU Baker 4-1/2" x 10K Hornet pkr, w/ On/Off tool, 2-3/8" x 8' L-10 tbg sub, 2-3/8" x 1.875" "F" profile nipple, 2-3/8" x 6' L-10 tbg sub, 2-3/8" glass disk sub, & 2-3/8" wireline reentry guide. RIH w/ tools as before. Cut short CCL strip across pkr & set pkr at 12,485' (15' from end of 4-1/2" tailpipe) landing EOT @ 12,506'. Open tbg to tank press bled from 1500 psi to 0 psi after 2 hrs. Load tbg w/ 65 bbls of 10 ppg BW & test same to 1000 psi-ok. Bled press.

05/21/08 Test to 3500 psi. PU & release 4-1/2" WS from seal assembly (148,000#). POOH w/ 302 jts 4 1/2" work string LD after reinstalling thread protectors. RU Pump truck @ PLU 52 battery to BEPCO 2 3/8" high press gas line to El Paso Natural pipeline. RU catch truck @ pipeline. Attempt to flush & press test same w/ no success. Reposition pump truck @ PLU 60 & reattempt same as above w/ same results. +- 7200'

05/22/08 Replace 4-1/2" BOPE rams to 2-3/8" test same to 3500 psi - ok. Load & haul 334 jts 4-1/2" P-110 work string & subs. Load & haul 402 jts 2-7/8" L-80 tbg to Midland stock. Unload & rack 388 jts 2-3/8" 4.7# L-80 tbg. Tally & prepare same. PU Baker model L-10 on-off tool, 1 jt 2-3/8" prod tbg, 2-3/8" "F" profile nipple & RIH w/ 160 jts 2-3/8" tbg.

PLU # 52

05/23/08 RIH w/ remainder of 2-3/8" tbg (384 total jts), tag top of 7-5/8" pkr @ 12,454' work w/ same for 20 min to enter same. Tag 4-1/2" pkr @ 12,485' attempt to latch on w/ no success. Break rev circ w/ 10 ppg B/W w/ BJ Techni – HIB 606 as pkr fluid. Circ same for 3 hrs @ 2.5 BPM w/ 400 psi. Recovered several small pieces of rubber @ returns. Latch onto pkr & space out to land 2000# comp on pkr. Test csg.

5/24/2008 RIH w/ 3 1-1/2" x 5' weight bars, 1 1/2" x 4' oil jars, 1 1/2" x 5' spang jars, 1 1/2" drive down bailer. Press csg to 500 psi & tbg to 2000 psi. Tag top of glass disks @ 12,508' beat for 20 min w/ no success. POOH w/ tools & inspect bailer to recover several small pieces of rubber. RIH w/ 1" fluted chisel. Beat on disks for 10 min to have press increase to 2500 psi. Tools stuck. Set off jars several times w/ no success, flow tbg to tank for 3 min to free tools. RIH to 13,145'. POOH w/ tools. Tbg press increased to 2800 psi. Open tbg to tank w/ 12/64" choke to recover 56 bbls pkr fluid w/ press increasing to 5550 psi. Reduce choke to 6/64" attempting to maintain flow @ 1000 MCFGPD. Replace valves & piping on existing battery oil & water tanks. Set rental 3 stage stac pac w/ flare unit. Restrung rig to 4 lines. At 7:00 pm 4100 psi FTP w/ 8/64" choke & 1400 MCFGPD w/ no fluid recovery. Open choke to 12/64" to have tbg begin to unload water. Switch flow to 3 stage tester.

05/25/2008 Replace back press valve & gas meter on 3 phase tester. Cont to flow well through day on a 12/64" choke w/700 psi w/ 340 MCFGPD & 15 BBLS H2O per hr. Recovered 352 bbls.

05/28/2008 Cont to flow well throughout day on a 12/64" choke w/ 320 psi FTP & 290 MCFGPD & 4.4 BWPH. Open tbg to tank w/ manifold w/ w/o choke for 15 min to recover 2-3 BW & 20 psi FTP. Shut well in for 2 hrs. Press built to 800 psi. Replaced dry flow gas meter on 3 phase tester w/ BEPCO ELEC Meter. Recovered 114 BBLS. Cont w/ flowback. Set 750,000 BTU gas unit & install water & condensate lines.

06/03/2008 Cont to flow well throughout day 12/64" choke & 340 psi FTP w/ 134 MCFGPD, recovered 41 BBLS. Test lubricator to 4000 psi - ok bled press. PU 1 1/2" x 15' weight bar, 1 1/2" x 4' spang jars w/ 1 3/4" blind box & RIH to tag top of fill @ 13,713' FS (598' below bottom perg). PU BEPCO dual Electronic gauges programmed @ 1 sample every 3-seconds. RIH w/ tools making 5 min gradient stops @ surf, 2000, 4000, 6000, 8000, 10,000, 12,000 & 1.875" "F" profile nipple @ 12,451' FS release recorders & POOH w/ tools & RD wireline.

06/17/2008 RIH w/ tools & retrieve Press recorders @ 12,451' FS. POOH w/ same making 5 min gradient stops @ 12000', 11000', 10000', 8000', 6000', 4000', 2000' and @ surface.

06/18/2008 Well Shut-In Pending approval of Pipeline Sundry