

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS
N.M. Oil Cons. DIV-Dist. 2
1000 W. Grand Avenue
Artesia NM 88210

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

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.

NM18293

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Government AA Com 2

9. API Well No.

30-015-33283

10. Field and Pool, or Exploratory Area
Burton Flat Wolfcamp, N.

11. County or Parish, State

Eddy NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

JAN 04 2005

DOB-ARTEZIA
192463

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA WTP Limited Partnership

3a. Address

P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

190 FNL 350 FWL NWNW(D) Sec 23 T20S R28E

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

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Completion</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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 recompleate 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 recompleation 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 final site is ready for final inspection.)

See Attached

ACCEPTED FOR RECORD

DEC 30 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

12/22/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

Office

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

GOVERNMENT AA COM #2

07/23/2004 CMIC: henrich

miru halliburton coil tbg. unit, rih w/2.25 od x .70 jet nozzle

2.91 od x .63 x/o	2.88 od x .50 x/o
3.625 od x 1.67 fixed centralizer	2.88 od x .63 x/o
2.375 od x 32.40 jt. of tbg.	2.875 od x .50 x/o
3.625 od x 1.77 fixed centralizer	2.88 od x 2.02 disconnect
2.88 od x 4.63 deployment bar	2.88 od x 1.97 bpv
2.88 od x 1.64 lockable swivel	2.88 od x .90 ct connector
total bha = 49.96	

connect to 1 3/4" coil tbg. & rih to 8000', sisd!

07/24/2004 CMIC: henrich

continue in hole from 8000', break circ. @ 1 bpm, tag up @ 8906' & pump 5 bbl. sweep, circ. bottoms up while trying to work past obstruction, made several attempts w/no success, pooh, lay dummy tool down, had slight marks on bottom of bottom centralizer, order motors & 3.875" to 3.900" tapered mill, order additional lubricator from sps, order larger crane, got everything on loc, pull test ct connector to 10000#(OK), install 2.88" dual bp, install 2.88" universal disconnect, install 2.88" dual circulating sub, test tools to 3500#(OK) install 3.625" fixed centralizer, install 2.89" & 2.91" x - overs, install 2.88" vip mud motor, install 3.155" x - over, install 3.900" tapered mill, test motor @ surface(OK), finish rigging up, rih while pumping @ .2 bpm, tag up @ 8906', pu & increase rate to 1.9 bpm, set down & motor stalled @ 8700#, made several attempts to drill past obstruction w/no success, pooh, mill missing 3/4" off of nose, had wear @ 7.5" to 10.5" up from bottom of mill, discuss w/Joe Fleming, decide to run 3 3/4" impression block, call for tools & con't next day!

07/25/2004 CMIC: henrich

pressure test 4 1/2" csg. to 2000#(OK), install 3.625" fixed centralizer, install 2.89" x - over, install impression block, pull & pressure test tools(OK), rih while pumping .2 bpm, tag up @ 8913'(ctm) @ 50 fpm & set down 5000# compression, pooh, block showed light circular marks on bottom of block & one mark on side of block that looked like it may have tried to go past obstruction, rih w/2.25" wash nozzle, 2 x - overs, disconnect, bpv & ct connector, largest od is 2.88", tag up @ 8909' try to work wash nozzle past obstruction w/no success, pooh, sisd!

07/26/2004 CMIC: henrich

0# sip, cut tools off ct, cut off 100' of ct, install 2.88" ct connector, pull test to 10,000#(OK), install bpv, universal disconnect, dual circ. sub, single knuckle joint. test tools to 3500#(OK), install 2.88" vip mud motor, x - overs & 3.795" tapered mill, rih while circ. @ .2 bpm, tag up @ 8909', increase rate to 1.8 bpm, start milling @ 8909', motor stalled out, pull up hole, took approx. 5000# over to pull free, set back down, tag up @ 8906'(lost 3' of hole), con't milling, not making any hole, mix 130 bbls. of friction reduced water, bring rate up to 2.3 bpm w/sweep, start milling, not making any hole, mill till we pumped all of sweep, no success, pooh w/ct & bha, mill was worn almost smooth on nose of mill & slight wear on sides, rd & release ct, crane & baker, sisd!

07/27/2004 CMIC: henrich

move in & set ramp for pulling unit, spot & rig up p/u, unload, rack & tally 436 jts. 2 3/8" P-110, 5.95#, PH-6 work string, move in & ru reverse unit, nd frac valve, latch onto 4 1/2" csg., nd top mud cross & annular, nd bop, remove 8' x 4 1/2" pup jt., reland 4 1/2" csg. on doughnut in wh, nu bop, sisd!

07/28/2004 CMIC: henrich

change rams in bop, rih w/3 3/4" impression block on 285 jts. 2 3/8" ph-6 tbg., tag up @ 8913', set 20,000# down on block, pooh, block showed no marks on bottom, had 1 mark on side of block 1/2" wide & 3/4" long & approx. 1/32" deep, sisd!

07/29/2004 CMIC: henrich

rih w/3 7/8" smooth od mesh id kut-rite shoe w/1 row of wires, top bushing, 20 jts. 2 3/8" ph-6 tbg., 3 1/2" bowen jars, 6 - 3 1/8" drill collars & 258 jts. 2 3/8" ph-6 tbg., tag up @ 8904', ru power swivel, break circ., work shoe thru bent jt. of 4 1/2" csg., rih to 8913'(top of receptical), try to cut way into liner for 6 hrs. w/no success, touch bottom w/shoe & swivel would stall out, not getting any cuttings in returns, pu above bent jt. @ 8904', sisd!

07/30/2004 CMIC: henrich

pooh w/tbg., drill collars, jars, tailpipe & shoe, shoe was rolled in on bottom edge, kut-rite had not cut on anything, rih w/2 3/8" tbg. open ended to 8913', tag up, pu 1', displace hole w/clean fresh water, miru rotary w/rih w/dhv, camera blacked out @ 3000', pump 20 bw, still no picture, pooh, clean lens, pump tbg. volume, rih to 8912' sat down, try to work camera out bottom of tbg. w/no success, pooh, rih w/spud bars, tag obstruction @ 8912', knock obstr. out of tbg. in 2 hits, pooh, rih w/dhv, could see mill marks @ 8908', obstruction in csg. @ 8913', can not distinguish what obstruction is, pooh, rd wl, will pooh w/tbg. @ daylight!

07/31/2004 CMIC: henrich

pooh w/open ended tbg., rih w/3 5/8" concave mill, 20 jts. 2 3/8" ph-6 tbg., 3 1/2" hyd. jars, 6 - 3 1/8" drill collars & 258 jts. 2 3/8" ph-6 tbg., ru power swivel, break circ., tag up @ 8913', mill 1' in 1 hr. & mill started turning free & making hole, push obstruction from 8913' to 8987'(taking 5 to 8 pts. to push) stop @ 8987', chc, pooh to 8829', sisd!

08/01/2004 CMIC: henrich

finish pooh w/tbg. & bha, mill had wear on outside edge & very center of mill, rih w/3 3/4" kut-rite shoe w/smooth od w/4 rows of wires & same bha, tag up @ 8913', try work thru w/no success, ru power swivel, break circ., try to work shoe past 8913', shoe would torque up & stall swivel out & stick, having to set jars off to pull free, pooh w/tbg. & bha, sisd!

08/03/2004 CMIC: henrich

rih w/8' x 2 3/8" mule shoed pup jt. tack welded to 3 7/8" string mill, 20 jts. 2 3/8" ph-6 tbg., 3 1/2" jars, 6-3 1/2" drill collars & 258 jts. 2 3/8" ph-6 tbg., ru power swivel, break circ., tag up @ 8913' w/string mill (pup jt. went thru ok) mill from 8913' to 8917' in 2 1/2 hrs. & fell free, rih & tag @ 8927', mill from 8927' to 8929' in 45 min., chc, rih to 9000' w/bottom of mule shoed pup jt. (did not tag anything) pooh w/tbg. & bha, mill was 50% worn out, sisd., send mill in to be redressed.

08/04/2004 CMIC: henrich

rih w/redressed 3 7/8" string mill, mill thru intervals 8915' - 8916' & 8927' - 8929', chc, pooh, mill worn down about 1/32", rih w/3 3/4" kut-rite shoe w/4 rows of wires, 156 jts. 2 3/8" ph-6 tbg., 3 1/2" jars, 6-3 1/8" drill collars & 125 jts. 2 3/8" ph-6, took 2 to 3 points to go thru bad spot @ 8913'-17', did not see spot 8927'-29', pooh to 8801', sisd!

08/05/2004 CMIC: henrich

rih w/tbg., took 5 pts. for shoe to slide thru bent jt., 3 pts. to slide thru spot @ 8913'-17', nothing to slide thru spot @ 8927'-29', shoe stopped @ 9253', ru power swivel, break circ., wash & rotate from 9253' to 9271' in 15 min. w/pump press. @ 700# (norm.), wash & rotate to 9335', plugged off, believe fish to be in shoe, rd swivel, pooh w/tbg. to drill collars, bottom drill collar, jars & c/o's plugged solid w/metal cuttings, lcm fiber & rust, leave jars & collars out & rih w/tbg. & shoe to 8913' & tag up, ru power swivel, break circ., mill for 1 hr. & made only 5", chc, rd swivel, pooh w/tbg. & shoe, id of kut-rite scarred, first three rows of wires smashed, looked like something had been up in shoe about 6", sisd!

08/06/2004 CMIC: henrich

nd bop, remove bit guide from top of 4 1/2" csg., miru kill truck, load 4 1/2" w/20 bw & test to 4000# for 10 min. (OK), rd kt, reinstall bit guide, nu bop, rih w/3 3/4" concave mill & 285 jts. 2 3/8" ph-6 tbg., ru power swivel, push mill thru bent jt. @ 8906', did not see tight spot @ 8913'-17', circ. down to 9215', tagged loose junk & mill started plugging off, unplug mill, chc, pooh w/tbg. & mill, sisd!

08/07/2004 CMIC: henrich

rih w/redressed 3 3/4" kut-rite shoe & 294 jts. 2 3/8" ph-6 tbg., push shoe thru bent jt. & tight spot w/3 pts., ru power swivel, break circ., wash down to 9482', chc, alot of lcm in returns, rih w/10 jts. to 9793', chc, slick water & very little lcm in returns, rih to 11,729', chc, slick water & glass beads in returns, rih to 13,702', ru power swivel, break circ., tag circ. sleeve @ 13,708', chc, attempt to stick junk in shoe, rd swivel, pooh & lay down 100 jts. tbg., sisd!

08/08/2004 CMIC: henrich

lay down 37 more jts. on rack, finish pooh w/tbg. & shoe, rec. one piece of cone shaped metal (2 1/4" long x 1 3/4" wide x 1/4" thick), one piece of kut-rite from a large shoe (1 5/8" long x 1 5/8" wide x 1/2" thick), nine smaller pieces of paper thin metal. No indication of junk being any farther than 5 1/2" up inside of shoe. rih w/shifting tool, 1 jt. 2 3/8" 8 rnd. tbg., shifting tool & 303 jts. 2 3/8" ph-6 tbg., did not see spot @ 8913', set down @ top of sleeve @ 9455' 3 times & shifting tool went thru, pull up & open sleeve, get injection rate of 1/2 bpm @ 2300#, stop pumping & press. fell to 1500# in 5 min., close sleeve & test to 3000# (OK), pooh w/tbg. & shifting tools, sisd!

08/10/2004 CMIC: henrich

nd bop, remove wear bushing from top of 4 1/2", install 6' x 4 1/2" pup jt., nu bop & hydril, install screw on landing flange & frac valves, nu on top of hydril, change rams in bop to 4 1/2", test 4 1/2" to 3000# (OK), sisd!

08/11/2004 CMIC: henrich

ru halliburton coil tbg. unit, rih w/shifting tools to 2000' & depthometer quit working, pooh & repair, rih, run thru receptical @ 8913' & top sleeve @ 9455', tag up on #2 sleeve @ 9836', try to work thru sleeve for 4 hrs. w/no success, ct plugged off, pooh, od of shifting tools scarred from junk iron & small pieces of metal wedged in shifting tools, stand by for orders!

08/12/2004 CMIC: henrich

miru reentry pit w/shale shaker, get 300 bbls. of high viscosity mud hauled in to frac tank, rih w/up jet wash tool on coil tbg. to 8000', sisd!

08/13/2004 CMIC: henrich

finish rih w/wash tool to 13,707', displace hole w/high vis. mud, start washing, pu 50' & try to go back down & could'nt, appeared something was following us up hole, wash all the way out of liner to 8800', run back in hole to 12,615', tag up, try work past spot for several hrs. w/no success, drop ball & activate upward facing wash jets, wash out of hole, rih w/3 3/4" shoe w/smooth od, diamonds & 3 rows of wires on coil tbg., work shoe thru top 5 sliding sleeves, tag sleeve #6, try to work thru w/no success, pulling out of hole @ report time!

08/14/2004 CMIC: henrich

pooh w/coil tbg. & shoe,had a few gauges on outside bevel & a couple of dents on bottom edge of shoe,but did not show to have had anything go up inside of shoe. rih w/shifting tools on coil tbg.,work thru top 5 sleeves,tag sleeve #6 @ 11,752',try to work thru w/no success,displace mud out of hole w/fresh water,sisd!

08/15/2004 CMIC: henrich

ru halliburton,open sleeve #5 @ 11,026',frac as follows.

stage 1;pmp. 6080 gals. x-Linked gel pad,atp 4180#,air 15.0 bpm
stage 2;pmp. 3749 gals.17% hcl acid,atp 2803#,air 14.2 bpm
stage 3;pmp. 3225 gals.10% zca x-linked acid,atp 4154#,air 19.9 bpm
stage 4;pmp. 3754 gals.17% hcl acid,atp 3547#,air 20.3 bpm
stage 5;pmp. 3111 gals.10% zca x-linked acid,atp 2586#,air 20.2 bpm
stage 6;pmp. 3766 gals.17% hcl acid,atp 2543#,air 19.4 bpm
stage 7;pmp. 7875 gals. slick water,atp 2421#,air 19.1 bpm
isip 560# close & test sleeve,open sleeve #4 @ 10,561'
stage 1;pmp. 5969 gals. x-linked gel pad,atp 4438#,air 17.7 bpm
stage 2;pmp. 3182 gals.17% hcl acid,atp 4271#,air 15.8 bpm
stage 3;pmp. 3150 gals.10% zca x-linked acid,atp 4360#,air 19.8 bpm
stage 4;pmp. 3459 gals.17% hcl acid,atp 2425#,air 20.9 bpm
stage 5;pmp. 2885 gals.10% zca x-linked acid,atp 2122#,air 20.1
stage 6;pmp. 3466 gals.17% hcl acid,atp 2063#,air 20.5 bpm
stage 7;pmp. 7647 gals. slick water,atp 1817#,air 20.2 bpm
isip 325# close & test sleeve,open sleeve #3 @ 10,219'
stage 1;pmp. 6246 gals. x-linked gel pad,atp 3259#,air 18.6 bpm
stage 2;pmp. 3108 gals.17% hcl acid,atp 3629#,air 19.6 bpm
stage 3;pmp. 3018 gals.10% zca x-linked acid,atp 3425#,air 19.8 bpm
stage 4;pmp. 3506 gals.17% hcl acid,atp 2588#,air 20.4 bpm
stage 5;pmp. 3013 gals.10% zca x-linked acid,atp 2063#,air 20.3 bpm
stage 6;pmp. 3430 gals.17% hcl acid,atp 1900#,air 20.9 bpm
stage 7;pmp. 7426 gals. slick water,atp 1837#,air 20.3 bpm
isip 280# close & test sleeve,open sleeve #2 @ 9840'
stage 1;pmp. 6000 gals. x-linked gel pad,atp 4591#,air 17.8 bpm
stage 2;pmp. 3020 gals.17% hcl acid,atp 4821#,air 19.3 bpm
stage 3;pmp. 3019 gals.10% zca x-linked acid,atp 4587#,air 20.1 bpm
stage 4;pmp. 3580 gals.17% hcl acid,atp 3974#,air 20.6 bpm
stage 5;pmp. 3030 gals.10% zca x-linked acid,atp 3356#,air 20.4 bpm
stage 6;pmp. 3566 gals.17% hcl acid,atp 2423#,air 20.6 bpm
stage 7;pmp. 7191 gals. slick water,atp 1919#,air 19.7 bpm

08/16/2004 CMIC: henrich

nd frac valve,nu 4 1/16" 10k mud cross,4 1/16" 10k x 7 1/16" 10k spool & 7 1/16" 10k single bop,top of stack to tall to be able to run pipe out of derrick,nd stack,remove hydril & mud crosses off 4 1/2" csg.,land 4 1/2" csg. on top of 7 1/16" 5k bop,nu 10k mud cross,frac valve & single bop,miru catwalk p/u machine,rih w/3 3/4" conventional shoe w/diamonds & wires & 376 jts. 2 3/8" ph-6 tbg.,tag up on #6 sleeve,work shoe thru sleeves #6,#7 & #8,did not see #9,stop w/shoe @ 13,686'on 438 jts.,rd catwalk machine,sisd!

08/17/2004 CMIC: henrich

shoe @ 13,691',ru halliburton,break circ.,chc @ 7.5 bpm,pu to sleeve #9 @ 13,613',chc,pu to sleeve #8 @ 13,140',chc,pu to sleeve #7 @ 12,518',chc,pu to sleeve #6 @ 11,752',chc,rih & tag up @ 13,699',work shoe down to 13,714'(by tbg. tally)chc,pooh,shoe hung up @ sleeve #4 @ 10,559',work free,shoe hung up again @ 10,387'(between sleeve #3 & #4)work free & finish pooh,shoe has dents on bottom edge,one of these being bad enough to push id of shoe in about 1/16",shoe also has 4 deep cut running the length of shoe on od,shoe also has 2 cuts 1 1/2" long across from each other in id,rih w/shifting tools & tbg. to sleeve #4 @ 10,559' & tagged up,try to work tools thru sleeve w/no success,pooh w/tbg. & shifting tools,tools did not have any marks on them,sisd!

08/18/2004 CMIC: henrich

rih w/3 3/4" kut-rite shoe w/6 small diamonds 1/2" from bottom of shoe,(smooth od,mesh id)& 338 jts. 2 3/8" ph-6 tbg.,tag junk @ sleeve #4 @ 10,559',pushed junk thru sleeve #4 & #5,did not see #6 or #7,pushed thru #8,did not see #9,tag bottom @ 13,714',ru power swivel,start pumping,could not catch circ.,set down on junk several times,could not tell if getting junk pushed into shoe,start rotating shoe,start lightly cutting on junk,after approx. 10 min.,swivel torqued up,p/u & came free,set back down & did not tag up @ 13,714',rih to 13,756'(td)apparently down jet circ. sleeve unscrewed off bottom of csg.,rd power swivel,pooh to 8820',had to work way back into bottom of csg.@ 13,714' & seen shoe come thru every sleeve,receptical & bent jt.,sisd!

08/19/2004 CMIC: henrich

pooh w/tbg. & shoe,recovered 1 piece of whipstock 2.5" long & 3.5" wide,rih w/3 3/4" concave mill & tbg.,tagged 1st sleeve @ 9455',pu & went back down,did not tag anything,tag again @ 10,387',pu & went

back,did not see anything,tag up solid @ 13,680,try to work thru spot w/no success,decide to pooh to 8880',felt spot @ 10,387' & @ sleeve #2,run back in hole,tag hard @ 11,390'(between sleeve #5 & #6)pu & went back down & did not see anything,tag solid again @ 13,680',try to work past w/no success,pooh to 8880',hung up @ 11,460' work free,hung up good @ 11,377',work free,hung up @ 9847',work free,stop pulling @ 8880',sisd!

08/20/2004 CMIC: henrich
finish pooh w/tbg. & concave mill,rih w/rih w/redressed 3 3/4" smooth od kut-rite shoe w/6 small diamonds & 2 rows of wires & 2-3/8" ph-6 tbg.,tag up on #2 sleeve @ 9836',pu & pump 150 bbls. water @ 4.5 bpm(well did not load)rotate shoe thru sleeve,(seen a bobble going thru)finish rih,seen bobble @ #6 sleeve,tag up @ 13,680',pu,ru power swivel,start pumping @ 4.5 bpm(no circ.)rotate down to 13,680',set 4 pts. on junk & shoe torqued up to 1700# for about 20 sec. & fell free,rih to 13,723',pump 160 bw @ 4.5 bpm @ 550#,no returns,rd swivel,pull up into csg.(did not feel shoe reenter bottom)pu to 13,566'(47' above #9 sleeve)did not have any drag,sisd!

08/21/2004 CMIC: henrich
pooh w/shoe,had to work shoe thru sleeve #6 @ 11,752',worked shoe up & down thru sleeve several times & spot cleaned up,pump 60 bw @ 5.5 bpm down csg.,rih w/tbg. to 13,680' & stack out,p/u & go back down,did not see anything,rih to 13,723',pooh,did not see anything @ 13,680',slight bobble @ sleeve #9,,slight bobble @ sleeve #7,did not see anything rest of way out off hole.(shoe had small indentation @ top of box indicating possible junk had gotten on top of tool),rih w/4.5" 10k hyd. set cibp to 8852',sisd!

08/22/2004 CMIC: henrich
finish rih w/cibp to 13,675',drop ball & let fall for 30 min.,pump ball rest of way down,plug appeared to have sheared & set,pu on tbg. & plug was not set,repeat pumping process 2 more times & plug still would not set,pooh to 13,656' & plug hung up,appears to be bottom of csg.,could not work back up into csg.,shear off plug & leave @ 13,656', pooh w/tbg. & setting tool,sisd!

08/23/2004 CMIC: henrich
rih w/cibp & 2 3/8" ph-6 tbg. to 13,650',drop ball & let fall for 20 min.,pump ball rest of way to plug,plug appeared to have set,pu on tbg. & plug had not set,repeat pump process 2 more times w/no success,pooh,did not have any drag & string pulled wet,top slips gone off plug indicating plug was in open hole @ 13,650',sisd!

08/24/2004 CMIC: henrich
rih w/hyd. set 10k cibp & 424 jts. 2 3/8" ph-6 tbg.,pump thru plug w/48 bw,drop ball,wait 30 min.,pump 30 bw to seat ball,set plug @ 13,252' & shear off plug,load csg.w/36 bw,could not get test,apparently one or more sleeves are open,got inj. rate of 4.5 bpm @ 900#,pooh w/tbg. & setting tool,sisd!

08/25/2004 CMIC: henrich
rih w/shifting tools & 2 3/8" ph-6 tbg.,went thru all 8 sleeves & they appeared to be in shut position,tag plug @ 13,252',pu to 13,220',load csg. w/16 bw,pump 28 bw @ 4 bpm & press. slowly climbed to 2500#,drop rate to 2 bpm & pump another 30 bw @ 1100#,quit pumping & pull up to sleeve #8,go thru motions of opening & closing sleeve,test csg.,get pir of 1 3/4 bpm @ 1100#,pull up to sleeve #7,open/close & test,pir 1 3/4 bpm @ 1100#,pu to #6,open/close & test,pir 1 3/4 bpm @ 1100#,pu to #5,open/close & test,pir 1 3/4 bpm @ 1100#,pu to #4,open/close & test,pir 1 3/4 bpm @ 900#,pu to #3,open/close & test,pir 1-3/4 bpm @ 1000#,pu to #2,open/close & test,pir 5 bpm @ 800#,pu to #1,open/close & test,pir 5 bpm @ 500#,sisd!

08/26/2004 CMIC:
sd waiting on orders

08/27/2004 CMIC: henrich
run shifting tools back to pbtd @ 13252', pooh w/ tbg & shifting tools leaving sleeves open, nd 10k bop stack, latch onto 4.5" csg, release on/off tool from bottom lateral, pull up to top window @ 8839', work on/off tool into window & rih to 8864', pump 145bw @ 4 bpm w/ 0#, try to latch onto receptical w/ no success, pu to 8844', sisd.

08/28/2004 CMIC: henrich
tag receptical & pump 137bw @ 5.5 bpm, start trying to latch onto receptical while con't to pump @ 4bpm, could not get latched on (total water 362 bbls.) pooh laying down 165 jts. 4.5" csg, sisd.

08/29/2004 CMIC: henrich
finish pooh w/ 4.5" csg, bottom jt was parted @ pin leaving 5" od c/o & 5-7/8" od on/off tool in hole, parted csg is thin & split 1' long on one side & 1.5' on opposite side bend 1jt 2-3/8" ph-6 tbg & 2 jts csg for window entry, change rams in bop, rih w/ 5-7/8" on/off tool, 1 bent jt. Tbg & 82 jts 2-3/8" ph-6 tbg, sisd.

08/30/2004 CMIC: henrich
finish running on/off tool, went into bottom window @ 8883', p/u out of window, went down dtraight hole & tag cibp or junk @ 8952' & push down 2', pu & work way into window @ 8839', rih & tag @ 8873' (9' deep by tbg tally) pump 150bw @ 2 bpm while trying to latch onto receptical w/ no success, pooh w/ tbg & on/off tool, seals in on/off tool were scarred up, upper most marker inside of tool was 1'4" up from bottom of tool, sisd. (found 17 bad pins & 2 bad collars on 4.5" csg)

08/31/2004 CMIC: henrich
rih w/ 4.5" box tap w/ max catch of 4.250", 1 bend jt of 2-3/8" ph-6 tbg, 3-1/2" bumper sub, 2 3-1/8" drill collars, 3-1/2" hyd. Jars & 280 jts 2-3/8" ph-6 tbg, tag @ 8873', try to work box tap over fish for 1.5 hrs w/ no success, pooh, box tap had 1-1/2" long X 1-1/4" wide section missing off bottom, had 2 slices 3/4" deep, 1 slice 2-7/8" deep, 1 slice 2" deep, 1 piece 1" wide X 3" long folded in, sisd.

09/01/2004 CMIC: henrich

rih w/6" od x 5 3/8" id, smooth od, mesh id kut-rite shoe w/wires & diamonds, 1 bent jt. 2 3/8" ph-6 tbg., 3 1/2" bumper sub, 2-3 1/8" drill collars, 3 1/2" hyd. jars & 280 jts. 2 3/8" ph-6 tbg., work shoe into window @ 8839', work shoe down to 8863', had to knock shoe to 8873' w/bumper sub, taking 20 pts. osw to pull thru a couple of spots between 8863'-73', lost 3' of hole up to 8870' & could not work back down to 8873', pooh, shoe had 2 scratches on outside 9" long, no other marks on shoe, sisd!

09/02/2004 CMIC: henrich

miru computalog wl, rih w/wl set 7" rbp, correlate to open hole log & set @ 8857', pooh, rih w/dump bailer & cap rbp w/3 sacks of sand, pooh, rd wl, rih w/1 bent jt. of 2 7/8" 8 rnd. tbg., 1 straight jt. 2 7/8" 8 rnd. tbg. & 278 jts. 2-3/8" ph-6 tbg. to 8766', sisd!

09/03/2004 CMIC:

rih w/2 jts. tag @ 8827' w/3' out on jt. #280 (top of sand should have been 8844', load hole w/75 bw, wash sand out to top of rbp @ 8837' (should have been 8857') (decide rbp above window) pooh/rih w/retrieving tool & tbg., latch onto rbp, release & pooh, send rbp in for repairs, sisd!

09/04/2004 CMIC: Bobby Cone

Rig up computalog pu 7" wireline set RBP Run in hole. Tie into Baker Hughes Dual Laterolog/Micro Laterolog / Gamma Ray Log Dated 14 may 2004. Attempt to set RBP no success pull out of hole rope socket shorted. Repair tools & run in hole w/ RBP tie into Baker Hughes log Attempt to set RBP No success pull out of hole. Close well in & repair wireline tools.

09/05/2004 CMIC: Bobby Cone

Ru Computalog pick up 7" wireline set RBP & run in hole. Tie into Baker Hughes log set RBP @ 8860' pull out of hole pick up bailer w/ 2 sacks sand & run in hole RBP not in place slid down hole. Pull out of hole & wait on RBP Did not get to location Close well in.

09/06/2004 CMIC: Bobby Cone

Rig up Computalog pick up 7" wire line set RBP run in hole tie into Baker Hughes Dual Laterolog/ Miceo Laterolog/ Gamma Ray Dated 14 may 2004, set RBP @ 8855' Pull out of hole with wire line pick up bailer with 2 sacks of sand & run in hole tag RBP & dump sand pull out of hole & rig down wire line. Pu 1 bent joint 27/8" tbg, 1 strait jt. 27/8" tbg. & 181 jts 23/8" tbg work into lateral . Displace hole with 500 bbls. Clean fresh water. Close well in

09/07/2004 CMIC: Bobby Cone

Rig up Computalog & down hole Video run in hole with down hole camera unable to get thru bend in 27/8" tbg pull out of hole with camera, run in hole with 7' sinker bar unable to get thru bend in 27/8" tbg. Tri out of hole with tbg. Pick up bent joint of 41/2" csg. Cross overs 1 jt. Of 27/8" tbg. & run in hole work into lateral & tag @ 8873' Close well in

09/08/2004 CMIC: Bobby Cone

Displace tbg. With clean fresh wtr. Rig up Computalog & down hole Video run camera in hole get pictures of fish Appears that rec. is egged & split on one side with a piece of metal folded in. Also some debris on side of hole. Pull out of hole with wire line, rig down Computalog & down hole Video Trip out of hole with tbg. Close well in.

09/09/2004 CMIC: Bobby Cone

No rig activity today evaluating well bore after taking pictures.

09/10/2004 CMIC: Bobby Cone

Change rams in bop, bend jt. Of 41/2" csg. 1 bend 10' from collar & 1 10' above pin Ru csg. Crew & lay dn. Machine run 41/2" csg. Work thru window run shoe to 8864' space out & land 41/2" in wellhead. Close blind rams & shut down.

09/11/2004 CMIC: Bobby Cone

Change rams in BOP, Install well head guide nipple up mud cross nipple up BOP, pick up 3.9 taper mill run in hole, mill from 8864' to 8866' until no torque run down 18' circ hole clean, trip out of hole, mill worn down below 33/4" close well in

09/12/2004 CMIC: Bobby Cone

Redress taper mill (3.9) Trip in hole tag middle of mill @ 8865', mill to 8867' mill until no torque, trip out of hole. Pick up 33/4" shoe & run in hole tag @ 9280' wash down to 9383'. Getting excessive amount of metal cuttings back in returns, tbg. Trying to plug. Circ hole clean & lay down 4 jts. Tbg. Close well in

09/13/2004 CMIC: Bobby Cone

Ran 2 stands to 9383' Wash down to 9508' metal cuttings, large pieces of cement, & LCM in returns. Ran 124 Jts. With out circ. Circ down 31/2 jts. To 13485', circ hole & displace with clean water pull up hole to 2000' & close well in

09/14/2004 CMIC: Bobby Cone

No rig activity today setting up acid job

09/15/2004 CMIC: Bobby Cone

Finish trip out of hole, Pick up Peak tools & trip in hole, Open Sliding sleeve @ 13399' Nipple up stripper & close well in, wait on Halliburton to Acidize.

09/16/2004 CMIC: Bobby Cone

Roll acid in tanks & add some get ready to acidize

09/17/2004 CMIC: Bobby Cone

Rig up rev. unit to 7 $\frac{1}{2}$ csg. Kill truck to 41/2 $\frac{1}{2}$ & Halliburton to tbg. Load 7 $\frac{1}{2}$ with 19 bbls water Halliburton blender broke down wait on Halliburton to fix blender 8 hrs. Spot acid to btm of tbg. & 5 bbls out in csg. Try to break down formation went to 1000 psi unable to pump into formation. Close sleeve work psi up to 1500# 100# at a time very slight leak off. Open sleeve # 8 attempt to pump into formation work pressure up to 1500 psi on csg. Unable to pump into formation. Pressure up & close in over night.

09/18/2004 CMIC: Bobby Cone

Tbg. On vacuum 41/2 $\frac{1}{2}$ full but on pressure 7 $\frac{1}{2}$ full but no pressure. Spot acid to end of tbg. w/ 5 bbls. Out. Close csg. Open sleeve #8 & pump acid start @ 0.5 bpm @ 1717# flush @ 3.8 bpm @ 1313# Run down hole to sleeve & spot acid across sleeve #9 close csg. Pressure up to 1200# open sleeve pump acid start @ 1.5 bpm @ 1427# flush @ 4.2 bpm @ 1313#. Close sleeve & move to sleeve # 7 spot acid across sleeve close csg. Pressure to 1200# open sleeve pump acid @ 1.0 bpm @ 1441# flush @ 4.2 bpm @ 772# close sleeve & move to sleeve # 6 spot acid across sleeve close csg. Pressure up to 1200# open sleeve pump 9 bbls @ 1.2 bpm @ 1441# shut down close well in.

09/19/2004 CMIC: Bobby Cone

Load 41/2 $\frac{1}{2}$ & 7 $\frac{1}{2}$ with 25 bbls. Water rig up Halliburton pump acid into sleeve #6 @ 12012' @ 4.9 bpm @ 933# csg. Pressure flush @ 4.9 bpm @ 1263# csg. Psi pumping 0.4 bpm dn 41/2 $\frac{1}{2}$ pump 10 bbls wtr. Dn. 41/2 $\frac{1}{2}$ move to sleeve #5 spot acid with 5 bbls out of tbg. pressure up to 1391# open sleeve #5 open sleeve pump acid @ 2.2 bpm @ 1419# on csg. Flush @ 5.2 bpm on vac. Close sleeve move to sleeve # 4 attempt to estab. Circ. No success run down hole & open & close sleeve # 6 attempt to circ. No success unable to get wireline truck until Monday will run tracer survey

09/21/2004 CMIC: Bobby Cone

Run tbg. Below sleeve @ 13399' pull out opening all sleeves pull out of hole with tbg. Nd bop pull guide out of head nu bop change rams to 41/2 $\frac{1}{2}$. Lay down 108 Jts. 41/2 $\frac{1}{2}$ csg. Sion

09/22/2004 CMIC: Bobby Cone

Finish laying down 41/2 $\frac{1}{2}$ change rams in BOP pick up retrieving tool for RBP & trip on the hole, wash sand off & rel. RBP trip out of hole. Lay down RBP run 51 stands tbg. In hole with ret tool.

09/23/2004 CMIC: Bobby Cone

Finish trip in hole tag @ 8947' set 15,000# down no movement pull out of hole & lay down RBP, pick up 6 $\frac{1}{2}$ wash over shoe x-over & 4 drill collars & trip in the hole tag @ 8952' rig up swivel mill for 1 1/2 hours did not make any hole, pumpine 1 bpm with no returns

09/24/2004 CMIC: Bobby Cone

Tbg. & csg. On vac. Run 6 jts. Tbg to 8950' mill on cibp plug moved down hole to 8999' mill on plug turned loose. Had to beat plug down hole for 250' then plug went down smooth to 9480' tagging solid @ 9480'. Poh lay down 300 jts. 23/8" tbg. & drill collars & shoe cibp wedged in shoe. Ru 144 jts. Tbg. Out of derrick. Cion

09/25/2004 CMIC: Bobby Cone

Finished LD workstring. Racked and tallied 2-7/8 production tbg. RIH w/ tbg as follows:

1- BP MUD jt	32.85
1- 2-7/8 perf sub	6.10
1- 2-3/8 SN	1.65
5- jts 2-7/8 N-80 tbg	158.25
1- 2-7/8x7" TAC	2.33
282- jts 2-7/8 N-80 tbg	8747.48
Total pipe	8948.66
KB	17.00
Btm pipe @	8965.66

SI till Monday.

09/28/2004 CMIC: Bobby Cone

50 SITP Bled well down. ND BOP Set TAC 20pts. NU WH Loaded tbg w/ 36 bbl and flushed tbg w/ another 20 BW. Could pump below 4'. NDWH NU BOP released TAC. POOH w/ 1 st jt looked like blind rams had been closed on tbg. Replace jt. ND BOP Reset TAC. RIH w/ pump and 6 rods. Had to SI due bad weather.

09/29/2004 CMIC: Bobby Cone

RIH w/ new pump OXH750 20x175x24' on 236 3/4" Norris 97, 118 7/8" Norris 97. Loaded tbg long stroked pump had good P/A. RD Lined up trucks to snub unit down off ramp.

09/30/2004 CMIC: Bobby Cone

Moved Unit and ND ramps.

10/09/2004 CMIC: Davis

Xcell connected power to transformer pole and installed meter. Dixie finished underground connection. Two transformers failed on power up. SI till Saturday.

10/10/2004 CMIC: Davis

Installed 3 new transformers well tagging to hard raised rods 19". Left well pumping to battery 128" stroke @ 10.1 spm.

10/11/2004 CMIC: Davis

Well tagging to hard. Raised rods 11" could not get well pumping. SI till Monday.

10/13/2004 CMIC: Davis

24 hrs 242 BO, 539 BW and 560 MCF gas 18 hrs on gas volume. Left well on sales at report time.

10/14/2004 CMIC: Davis

24 hrs test 393 BO, 487 BW, 1484 MCF gas on 16/64 choke 1" orifice

10/15/2004 CMIC: Davis

24 hrs test 309 BO, 370 BW 1469 MCF gas on 20/64 choke on well head csg. @ 1800 hrs duke checked dew point on gas sample showed 80 to 90# should be around 7#. Had to reduce csg choke back to 8/64. Will test again in this AM.

10/16/2004 CMIC: Davis

24hrs test 435 BO, 444 BW 1325 MCF gas on 26/64 choke on well head csg.

10/17/2004 CMIC: Davis

24hrs test 612 BO, 569 BW 3230 MCF gas 767# FCP on 36/64 choke on well head csg.

10/18/2004 CMIC: Davis

24hrs test 625 BO, 361 BW 3182 MCF gas 767# on 28/64 choke on well head csg.

10/19/2004 CMIC:

24hrs test 590 BO, 233 BW 2420 MCF gas 622# FCP on 28/64 choke on well head csg.

10/20/2004 CMIC: Davis

24hrs test 607 BO, 227 BW 2523 MCF gas 517# FCP on 28/64 choke on well head csg.

10/21/2004 CMIC: Davis

24hrs test 564 BO, 260 BW 2442 MCF gas 464# FCP on 28/64 choke on well head csg.

10/22/2004

24hrs test 389 BO, 116 BW 1531 MCF gas 593# FCP on 28/64 choke on well head csg. Duke changed out meter attempting to establish communication to wonderware.

10/23/2004 CMIC: Davis

24hrs test 544 BO, 130 BW 2695 MCF.

10/24/2004 CMIC: Davis

24hrs test 560 BO, 234 BW 2864 MCF.

10/25/2004 CMIC: Davis

24hrs test 643 BO, 103 BW 2559 MCF. 434#FTP

10/26/2004 CMIC: Davis

24hrs test 642 BO, 53 BW 2433 MCF. 419#FCP

10/27/2004 CMIC: Davis

24hrs test 497 BO, 28 BW 2128 MCF. 583#FCP open choke

10/28/2004 CMIC: Davis

24hrs test 511 BO, 28 BW 1785 MCF. 399#FCP reduced to 28/64 choke on casing at 8:00 am. Baird backpressure valve on tbg had 570#.

10/29/2004 CMIC: Davis

24hrs test 575 BO, 44 BW 1951 MCF. 573#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 563#.

10/30/2004 CMIC: Davis

24hrs test 539 BO, 25 BW 1944 MCF. 351#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 480#.

11/01/2004 CMIC: Davis

24hrs test 540 BO, 41 BW 1936 MCF. 350#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 439#.

11/02/2004 CMIC: Davis

24hrs test 550 BO, 35 BW 1941 MCF. 371#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 519#.

11/03/2004 CMIC: Davis

24hrs test 512 BO, 33 BW 1999 MCF. 346#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 427#.

11/04/2004 CMIC: Davis

24hrs test 534 BO, 17 BW 1892 MCF. 501#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 597#.

11/05/2004 CMIC: Davis

24hrs test 472 BO, 22 BW 1922 MCF. 337#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 449#.

11/06/2004 CMIC: Davis

No test Duke having trouble with gas sales line.

11/07/2004 CMIC: Davis

Duke gas sales line had two valves shut increasing line pressure and causing high low to shut in well.

11/08/2004 CMIC: Davis

24hrs test 667 BO, 33 BW 2294 MCF. 477#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 508#.

11/09/2004 CMIC: Davis

24hrs test 618 BO, 61 BW 2267 MCF. 499#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 632#.

11/10/2004 CMIC: Davis

24hrs test 563 BO, 61 BW 1863 MCF. 546#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 581#.

11/11/2004 CMIC: Davis

24hrs test 574 BO, 44 BW 1997 MCF.

11/12/2004 CMIC: Davis

24hrs test 525 BO, 31 BW 1936 MCF. 352#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 499#.

11/15/2004 CMIC: Davis

24hrs test 447 BO, 42 BW 2053 MCF. 496#FCP on 28/64 choke on casing. Baird backpressure valve on tbg had 605#.