Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

5. Lease Serial No.
NMNM27506

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
PORTER BROWN 1H

2. Name of Operator
CHEVRON U.S.A. INC.
Contact: DENISE PINKERTON
E-Mail: leakejd@chevron.com

9. API Well No.
30-025-40802

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-687-7375

10. Field and Pool, or Exploratory
SALADO DRAW; BONE SPRING

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 19 T26S R33E Mer NMP 340FSL 340FEL

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

Please find attached, the daily activities for completion of this well.
Reports are from 01/11/2013 through 03/19/2013

THE FINAL REPORTS FOR PRODUCTION WILL BE FILED AFTER THE PUMP/RODS HAVE BEEN INSTALLED.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #202135 verified by the BLM Well Information System
For CHEVRON U.S.A. INC., sent to the Hobbs

Name *(Printed/Typed)* DENISE PINKERTON — Title REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 03/21/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Petroleum Engineer Date MAR 29 2013

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, make 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

APR 02 2013

Chevron

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Report Start Date: 1/11/2013	
	Com
HOLD SAFETY MTG. DISCUSSED TIF, SWA, CONTINGENCY PLANS, PINCH POINTS, COMMUNICATION, LOCATION HAZARDS, CRANE OPERATION, TAG LINES, SUSPENDED LOADS AND JOB PROCEDURES, JSAS.	
NO PRESSURE ON WELL. ND ABANDONMENT CAP. NU SECONDARY 1-13/16" 10K CSG VALVES ON EACH SIDE OF TBG HEAD. NU 7-1/16" 10K BOTTOM FRAC VALVE. REMOVE BPV. NU TOP 7-1/16" 10K FRAC VALVE AND FLOW CROSS W/NIGHTCAP.	
RU GREENE'S ENERGY TEST PUMP. LOAD SURFACE CSG WITH FRESH WATER. ATTEMPT TO PRESSURE UP ON INTERMEDIATE TO 800 PSI. STARTED PUMPING IN AT 350 PSI. BLED DOWN TO 250 PSI IN 5 MINUTES. CLOSE BOTTOM FRAC VALVE. TEST TOP SECTION FRAC STACK TO 8000 PSI. CONSULT WITH HOUSTON. DECIDE TO TEST CSG TO 7500 PSI. TEST CSG TO 7500 PSI FOR 15 MIN. RD GREENE'S ENERGY. SWFN.	
Report Start Date: 1/12/2013	
	Com
Have safety meeting with Petro,Greens,Halliburton,PWR,and 3Rivers. Talked about TIF,SWA,JSA, Emergency Plans, Communication, Pinch Points, Pressure, Use of spotter, and E-Line operations.	
MIRU Halliburton E-Line and PWR Crane. R/U Lubricator and all associated equipment. M/U 4.50" gauge ring and junk basket.	
Test Lubricator to 3000 psi. Grease fitting on BOP's leaking and Pack off leaking. Attempt to tighten up grease fitting and still leaking. Have to wait on new BOP's and pump for pack off to arrive from hobbs.	
Waiting on New BOP's and Pump for pack off to arrive.	
Install new W/L Bop's and test lubricator to 3000 psi.	
GIH with junk basket and 4.50" gauge ring tagging up 7' below well head try and work through unable to work through tight spot. P/U 3 3/8" GR tool and run through tight spot to 60' pooh. P/U 4.35" GR and junk basket tag up in the same spot. Attempt to work through multiple times unable to get past tight spot. Appears to be tagging up in pup Jt below 5 1/2" Csg hanger. Lay down tools and lubricator and SWFN.	
Report Start Date: 1/13/2013	
	Com
Have safety meeting with Petro,Greens,Halliburton,PWR,and 3Rivers. Talked about TIF,SWA,JSA, Emergency Plans, Communication, Pinch Points, Pressure, Use of spotter, and E-Line operations and Working in cold weather.	
M/U W/L BOP'S and Lubricator.	
P/U 3.97" Gauge ring and GIH run to 60' get past tight spot. Lay down GR and P/U 4.05" Blank gun barrel get past tight spot. L/D and P/U 4.35" Gauge ring GIH and tag up in tight spot 6' below WH.	
P/U 3.97" Guage ring and junk basket. Test Lubricator to 3K. GIH no problems. Set down at 9405' ~72 deg. POOH and lay down GR/Junk Basket.	
P/U Halliburtn CCL/GR/RCBL Logging tool and gih run to 5800' and corrolate tools in free pipe. RIH to 9050' and log up to 7400' with 0psi. Drop down to 9050' pressure up to 2500 psi and log 30' min to 1000'. Find short Jt at 8370' and Top of CEMENT at 6294'. Corrolate Back to SLB DSI/GR Dated 12/17/12.	
Bleed off Pressure. Lay down RCBL tools and R/D E-Line unit.	
Report Start Date: 1/14/2013	
	Com
Have PJSM with Petro,Halliburton,Greens,and 3 Rivers. Talked about TIF,SWA,JSA, PPE,Pressure, Heavy Lifting,Communication,Pinch Points,Emergancy Plans and Cold Weather.	
R/U Halliburton OH Logging truck and all associated equipment. M/U CCL/GR/and 6 Arm Caliper tool. M/U to well and test lubricator to 1000 psi.	
RIH with CCL/GR/and 6 arm caliper. 3.625" OD. Make 3 Passes through restriction 1st pass 7 ¼'-4.58" ID 7 ¾'-4.68"ID 2nd pass 7 ¼'-4.62"ID 3rd pass 7 ¼'-4.62"ID 6 ¾'-4.59" ID 6 ½'-4.63"ID 2 ¼'-5.18"ID (believe to be top of csg hanger). RIH with CCL/GR/Caliper log to 8818' log out of hole at 30'min. See no restriction in well bore.	
R/D E-Line and Associated equipment. SWFN	
Build Lined Berm for Acid and flow back tanks.	
Report Start Date: 1/15/2013	
	Com
Have safety meeting with Petro,Dimond D RWI,and basic talked about TIF,SWA,JSA, Pinch Points Pressure , Weather, Use of Spotter, And emergancy plans.	
Basic Setting Flow Back and Acid Tanks. RWI Building Berm for Acid Tanks and close in Flow back Berm. Dimond D Rigging up they did not bring correct X-Over to well Head have to Wait 4Hrs for X-Over. Hobbs anchor setting rig anchors. Oil states running flow back lines and manifold.	
M/U Lubricator and test to 500 psi. RIH with Span Jars,15' of 1 1/4" stem and 4.5" Impression Block. Tag up 6' Below well Head. Lay down Impression block and see ring in impression block. 4.28" OD. Discuss finding with office.	
Make decision to Clean off impression block and make second run. Contunue Rigging up FLow back Lines.	

Report Printed: 3/20/2013

Chevron

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
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Com
M/U Lubricator and GIH with same BHA. 4.48" OD Impression block. Tag up at 6' with impression block. POOH and lay down tools Inspect Impression block have concentric ring around one side of impression block looks like over torqued pin.
R/D slick line unit. SWFN Filling pump down tanks with fw
Report Start Date: 1/16/2013
Com
Have safety meeting with Petro,Halliburton,Target,3 Rivers, PWR, & Greens. Talked about TIF, SWA, JSA, Tenet of the day, Weather, Pinch Points, Pressure, Over head lifts, Using flagger and spotter and emergancy plans.
Lay down Target Duck Ponds. Spot and R/U Halliburton 2" Coil Unit, 200T PWR Crane and all associated equipment.
Have safety meeting with halliburton,greens,pwr,oilstates,and baker before RIH.
P/U Baker BHA Coil Connector, Pull Test to 30K. Dual BPV, 2 7/8" Accelerator jars, Hydraulic Disconnect, Circulating su sub Baker XTream Navi Drill Motor and 4.554" tapered string mill. Test Motor 2BPM 900 psi. N/U to WH and test lubricator to 3K.
RIH with baker BHA tag tight spot at 6' below well head. Bring pumps up to 1BPM and Tag tight spot. Put 300# down and mill through tight spot in 10 Min. Pass throught spot 3 times. Shut pumps down and pass through spot. Run to 60' see no obstruction.
N/D from well head. Lay down mill.N/U to well head and flush coil with 10# brine to keep from freezing over night. N/D from well head and install night cap.
R/U Greens pump and pressure test casing. 7450 psi 15 Min Good test. SWFN
Report Start Date: 1/17/2013
Com
Have safety meeting with Petro,Halliburton,PWR,Oil States,Greens and 3 Rivers. Talked about TIF,SWA,JSA,Tenet #7, Emergancy Plans, Communication,PPE,Pressure,Pinch Points,Heavy Lifting,and using a spotter.
Lay down Acclerator Jars. P/U Baker BHA BPV,Hyd Disconnect,Circulating Sub, Tempress Hydro Pull, 2.88" X Tream Air Navi Motor and 4.5" JZ Rock Bit. Test Motor 2BPM 2600 Psi. N/U to well Head and Test Lubricator to 5K.
RIH with Baker BHA Rolling pumps. Get to 12500' and bring rate up to 2.5 BPM. Take weight at 13150' drill through cement stingers from 13150 to 13380'. Tag up on float collar at 13381' p/u 30' and go back down tag FC at 13381' confirm depth. P/U 10' and start pumping acid.
Pump 24BBLS (1000 Gal) of 7.5% NeFe acid circulater around bit 2BPM pump 10 BBL gel sweep and start displacing hole with fresh water and clay web .5Gal/1000/Gal. Get sweep out of coil and start pooh.
Start POOH 40' min pumping clay web 2.5BPM. Drop rate to .5bpm in vertical. Get fluid weight 8.35ppg.
N/D from well head. Lay down Baker BHA.
N/U to WH and blow coil dry with Nitrogen
Report Start Date: 1/18/2013
Com
Have safety meeting with Petro,Halliburton,Greens,and PWR. Talked about TIF,WSA,JSA,Tenet of the day,Hazard Wheel,Heavy lifting, Over Head Lifts, Pressure and communication.
R/D Coil unit, Lubricator and Injector Head. Rig Coil pump up to intermediate csg.
Tie into Intermediate and get injection test with FR and Clay/Web. 1BPM 375 Psi, 1.5Bpm 390Psi, 2bpm 310 psi, 3Bpm 350Psi. Pump total of 20bbls.
R/U halliburton E-Line lubricator and all associated equipment.
Test Lubricator 200/3000 Psi.
GIH with 4.50" Gauge Ring/Junk Basket and CCL. Tag up at 5150' pull up and start to pull wt.Pull multiple times and get free. POOH lay down and inspect gaige ring. See small scrapes on one side and junk basket is tore up from pulling.
Have to get Diffrent gauge ring and new junk basket sent from midland.
P/U CCL/Junk Basket and 4.375" Gauge Ring RIH see no indication of obstruction RIH to 9170' at take wt due to deviation. POOH lay down tools. Secure well for Night.
Report Start Date: 1/19/2013
Com
PJSM with Petro,Halliburton,Greens,PWR. Talked about TIF,SWA,JSA,Emergency Plans,Pressure,Pinch Points,Communication, and being aware of surroundings.
P/U and RIH with 4.475" Gauge ring and junk basket. Run past spot at 5150' no problems. RIH see small blip at 7946' Run 9179' and take wt to deviation. POOH see small blip at 5150' run through spot multiple times and see nothing. Pooh and lay down tools.
P/U 4.5" Gauge ring and RIH tag up at 5150'. Unable to get past restriction. Pooh.
M/U Logging tools as follows: Well Tec Tractor CCL/GR/RCBL/HAL CAST-M Tool with 4-Centralizers. Calibrate, test logging tools and tractor on surface. P/U Into Lubricator and M/U to WH. Test Lubricator 250/3500 Psi. Open well and stat in hole.
RIH with Logging tools Set down at 1823' p/u 3 times and try to get past spot unable to get past 1823. See a lot of drag on tools 400 lbs between P/U and S/O wt. Pooh and inspect tools and centralizers.
Discuss with engineer. Decide to take bow spring centralizer off at see if that is the problem why we cannot get down.
RIH with Tools string without bow spring centralizers. See no drag or restrictions run to 4000'. Bow Spring Centralizer is the problem. (Cast-M tool will not work properly in lateral without bowspring centralizer as per halliburton). Halliburton to find smaller centralizer.POOH. SWFN.
Report Start Date: 1/20/2013
Com
Have safety meeting with Petro,Halliburton,Well Tec,Greens & 3 Rivers. Talked about TIF,SWA,JSA Emergancy Plans,Communication,Heavy lifting,Pressure, Pinch Points and Overhead Lifts and use of perf guns.

Chevron

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
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Com
Lay down and rig down Halliburton CAST-M tool assembly.
P/U Well-Tec Tractor, CCL,GR,RCBL tools. Calibrate tools on surface.M/U to well test lubricator 250/3000 psi. Open well and GIH.
RIH with E-Line Tractor,CCL/GR/RCBL 200 fpm in vertical. Take wt at 9238' to deviation. Start up tractor and tractor down hole 60 fpm to 13281'.
Pressure up on Csg to 2500 psi start logging lateral out the hole 60' per min to 6132' find top of cement at 6294' find short jt at 8370'. Cement in lateral section looks good.(Corrolate back to GR on Chevron composit log dated 1-17-13. Tie in at 12450'.)
Lay down RCBL tools and tractor. Test tractor on surface. M/U, CCL/Tractor and (3-1/8 Max Force Charges, 6SPF, 60° Phasing Total 8 Shots) Gun. M/U lubricator and test 250/3500psi. Start In Hole
RIH with CCL/Well TecTractor and (3-1/8 Max Force Hollow Carrier, 6SPF, 60° Phasing Total 8 Shots) Gun. Run 450' in vertical get to 9250' ft and set down to deviation let tractor take over RIH 55' Min to 13284' P/U to 13224' and perforate. Pooh with tool string.
Lay down E-Line tool string and lubricator. R/D E-Line unit and all associated equipment.
Report Start Date: 1/21/2013
Com
Have Safety meeting with petro, Halliburton,Greens,Talked about TIF,SWA,JSA, Emergancy Plans, Pinch points,Pressure and communication.
R/U Halliburton Acid Pump and data van to pump DFIT. Install Spyder Gauges on each side of CSG valve.
Test Lines to 8000 psi. Find leak fix leak. Test Lines to 8000 psi. Good Test. Open well up have SIWH pressure of 190 Psi. Bring pump on line pumping 3BPM Pressure increased to 7550 psi have to drop rate due to pressure.Drop rate to 1.5BPM See no real brake back. Pump 9BBLS at 1.5 bpm and shut down. ISIP 7572 5Min-3872psi 10Min-2649psi 15Min-2175psi. Shut well In. Pumped a total of 20bbls of FW with Clay Web .5Gal/1000Gal. 11BBLS for break down and 9bbls for prescribed amount.
Rig down pump, Lines and Data van. Halliburton checked Spyder gauges to confirm working properly. Wrap WH with insulating blanket to prevent from freezing. Leave well shut in for DFIT test. Monitoring pressure from Spyder gauges every second.
Report Start Date: 1/22/2013
Com
Carrying Cost
Report Start Date: 1/23/2013
Com
Carrying Cost
Report Start Date: 1/24/2013
Com
Carrying Cost
Report Start Date: 1/25/2013
Com
Carrying Cost
Report Start Date: 1/26/2013
Com
Carrying Cost
Report Start Date: 1/27/2013
Com
Carrying Cost
Report Start Date: 1/28/2013
Com
Carrying Cost
Report Start Date: 1/31/2013
Com
Carry Cost (3) days
Report Start Date: 2/1/2013
Com
PJSM. Discussed Tenet 1 (Always operate within design and environmental limits). Discussed cool weather conditions, location traffic, truck backing, spotters, hoisting equipment, manlift & forklift ops, fall protection, dropped objects, overhead lifts, pressure control, striking hazards, communication, 4 pts, emergency response.
RU Halliburton acid pump & lines.
Primed up pump. Flushed lines. Tested to 8000 psi. Set KO @ 7500 psi. Opened well. SIWHP 1004 psi. Brought pumps online @ 2.0 bpm. Pressure increased to 7450 psi. Lowered rate to 1.8 bpm. Pressure continued to rise. Dropped rate to 1.5 bpm. Maintained rate w/ pressure @ 7430 psi for 5 minutes. Pressure rising slowly. Shut down pumps. Total fluid pumped - 23 bbls fresh water w/ 0.5 gal / 1000 ClayWeb.
Shut in and secure well. Rig down pump truck. Download SPDR gauges.
Report Start Date: 2/4/2013
Com
Carrying Cost (3 Days)
Report Start Date: 2/7/2013
Com
Carry Cost
Report Start Date: 2/8/2013

Report Printed: 3/20/2013

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
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Com
Carry Cost
Report Start Date: 2/10/2013
Com
Carry cost
Report Start Date: 2/11/2013
Com
Safety meeting prior to removing spyder gauges from casing . Discuss tenet # 1 for operations. Disucss possible pressure and containment of any fluid leaking out of casing valve upon removal of guages.
Remove spyder guages from casing vlave
Spot fresh water tanks for frac job.
Report Start Date: 2/12/2013
Com
Carrying Cost
Report Start Date: 2/13/2013
Com
Basic Energy completed moving frac tanks to location. Halliburton preloaded cement in Field storage bin for squeeze job.
Report Start Date: 2/14/2013
Com
PJSM with Halliburton cement crew. Discussed TIF and Tenets. Discussed MIRU procedure.
MIRU Halliburton Cement Equipment
Safety meeting. Reviewed JSA for Job Procedure. BLM was notified of squeeze operations 2/12/13 @ 0900 a.m.
PSI Tested surface treating lines to 3,000 psi. Set kickouts @ 1,500 psi.
Established injection rate of 5 bpm @ 315 psi. Mix and pump 710 sks Econocem (245 bbls) @ 12.7#/gal with a 1.94 cuft/sk yield. Displaced with 185 bbls fresh water. psi dropped to 50 psi. Open well up. Flowed back six bbls. Reinject 6 bbls and shut well in with 50 psi..
RDMO Cement equipment
Continue to prep site.
Safety meeting. Reviewed JSA and discussed tenets. Discussed job plan
PWR delivered 200 ton crane to location. Unload counter weights and matting boards. SDFN
Report Start Date: 2/15/2013
Com
PJSM. Reviewed JSA's and discussed job plan with Halliburton Wireline crew and Greene's NU crew.
MIRU Halliburton WLU. Rehead Wireline.
PSI WL lubricator to 3000 psi. Good test. Equalize wellhead to 1,000 psi.
RIH with CBL tool. Log from 8,850' to 3,850'. Showed top of cement @ 4,070'. POOH with CBL tool.
SWI. RDMO WLU.
Report Start Date: 2/16/2013
Com
Waiting on Coiled Tubing Unit.
Report Start Date: 2/17/2013
Com
Wait on CTU to arrive on location
Safety meeting. JSA. Safety walk through location.
Spot CTU and PWR crane on location. SDFN.
Report Start Date: 2/18/2013
Com
PJSM. Reviewed JSA with Boots & Coots Coiled tubing crew, Baker toolman and PWR crane Crew. Discussed TIF, SWA Key principles and Tenet of the day.
MIRU CTU.
MU Coil Connector. Pull Test Connector to 20K. Good Test. PSI coneection to 3K. Good test. MU xtreme motor, 4.5" string mill and 4.5" mill. Function test. motor. Good Test. Flange up BOP and Lubricator to Wellhead.
PSI BOP and lubricator to 3,000 psi. Good Test.
SICP 1,050 psi. OWU and RIH with BHA. Tagged @ 4,368'. 20 minutes to mill thru. Continue in hole to 8,600'. Pump 10 bbl sweep. Displace with 45 bbls.
POOH with BHA , Shut well in , Secured well , SICP 40 psi.
Report Start Date: 2/19/2013
Com
PJSM with Halliburton , Baker , 3 Rivers , PWR , Petro Safety , and Chevron Reps. , Discussed operational hazards for day.
LD Milling BHA , PU TCP Guns
RIH w/ TCP guns , Tagged PBTD @ 13,379' , Circ. ball down , Finish perforating stage 1 , Shut perf clusters 13,359' , 13,289' , 13,170' & 13,112' , (6 spf) (60 deg phasing) (8 holes per cluster)

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Com
RIH Spot acid across perfs , Pulled up hole to 13,050' , acidized perfs w/ 2000 gals 15% FE HcL @ 2 bpm , pres broke over @ 2600 psi. , FTP 2200 PSI. , Circ 1000 gals acid to surface , close backside back in , pumped additional 20 bbl. in perfs.
POOH , LD TCP guns , all shots fired , NU to well , Blow coil dry w/ N2 , Secure well for night.
Report Start Date: 2/20/2013
Com
PJSM with Halliburton , PWR , Petro Safety , 3 Rivers , and Chevron Reps, Discussed Operational Hazards of Rigging Down
RDMO Halliburton 2" CTU and Associated Equipment , Haul fluid off Flowback tanks.
Report Start Date: 2/27/2013
Com
Safety meeting with Halliburton Acid crew. Reviewed JSA, Discussed job plan.
Halliburton mixed water, chemicals and acid into two acid storage tanks on location
MIRU PWR crane and grease injection equipment. MIRU Isolation tool and goat head. MIRU Halliburton sand equipment. NU Isolation tool and frac head. Loaded sand.
Secure well. SDFN.
Report Start Date: 2/28/2013
Com
Safety meeting. Reviewed JSA's. Discussed job plan.
MIRU Secondary containment. MIRU Frac equipment.
Safety meeting. Reviewed JSA's. Discussed job plan and assignments.
Set relief valve , RU Wireline , Prime up pumps , Pressure Test
Opened well , SICP 940 psi, Acidized perfs w/ 3000 gals 7.5% NeFe HcL , Started Pad , Only able to get 67 bpm 6750 psi , Max Pres 7200 psi, , Started .5 ppg 100 mesh sand , when sand hit perfs well screened out , kicked pumps out , was able to get back into some rate , flushed well @ 38 bpm 6450 psi , overflushed 100 bbl. ISIP showed .80 FG Pumped step down - Calc. showed no prefs open , Secured well for night , will try 15% HcL in am.
Report Start Date: 3/1/2013
Com
Wait on 15% NE/FE HCL to be delivered to location.
PJSM. Reviewed JSA's. Discussed job plans.
Prime up pumps. Test lines to 9,000 psi. Repaired several leaks. Set pop-off to 8,000 psi. Achieved good test. PSI up annulus to 1,000 psi.
SICP= 1060 psi. Bring pumps on at 5 bpm. Increased rate to 60 bpm. Worked up to 73.3 bpm. Started .5# sand. Screened out. Pumped 1500 gals 15% NEFE HCL. Worked rate to 64.7 bpm @ 8,000 psi. started .25# sand. Unable to achieve frac rates. Over Displaced to top perf with100 bbls treated water.

Max rate	73.4	bpm	
Avg rate		46.9	bpm
Max pressure	8001	psi	
Avg pressure	7307	psi	
Max prop conc	0.5	ppg	
Prop Pumped	7068	lb	
Pr White 20/40	7068	lb	
CRC 20/40	0	lb	
Gel Pumped	0	lb	
Treated Water	0	gal	
AquaStimUR	142335	gal	
Water Fr GR(15)		4108	gal
7.5% HEFE	3000	gal	
ISIP	0	psi	
5 min	0	psi	
10 min	0	psi	
15 min	0	psi	
Frac Gradient	.92	psi/ft	
Breakdown	6571	psi	
Load to Recover	149443	gal	

RU Halliburton Wireline , RIH w/ Baker CFP & (5) 3 1/8 guns , Set plug @ 13,090' , Pressure tested plug to 4000 psi , Good Test , Perf Stage 2 (12,839' - 13,071") 5 clusters 6 spf 60 deg phasing 40 holes , POOH
Upper master valve on Oil States Isolation tool not holding psi. ND frac lines. ND Frac head and Upper Master Valve. NU new Master Valve and frac head. NU frac lines.
PJSM. Reviewed JSA's. Discussed job plans with all service companies.

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska,

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
SICP= 1160 psi. Prime up , Pressure Test , Good Test , Pumped 2000 gals 15% NeFe HcL , Worked rate up to 80 bpm @ 5850 psi, Frac Stage 2 , Flushed to top Perf,

Max rate	80.8	bpm
Avg rate	80.3	bpm
Max pressure	6811	psi
Avg pressure	5686	psi
Max prop conc	2.15	ppg
Prop Pumped	251940	lb
100 Mesh	47900	lb
White 40/70	204040	lb
Gel Pumped	188	lb
Treated Water	0	gal
AquaStimUR	314356	gal
Water Fr GR(15)	2134	gal
7.5% HEFE	1500	gal , 2000 gals 15% HeFe
ISIP	1922	psi
5 min	1611	psi
10 min	1544	psi
15 min	1509	psi
Frac Gradient	0	psi/ft
Breakdown	6914	psi
Load to Recover	319990	gal

RU Halliburton Wireline , RIH w/ Baker CFP & (5) 3 1/8" Perf Guns
Report Start Date: 3/2/2013

Com
Continue RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 12,810' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 3 (12,549' - 12,781") (5) clusters (6) spf (60) deg phasing (40) holes , POOH
SICP= 1260 psi. Prime up , Pressure Test , Good Test , Pumped 2486 gals 15% & 1500 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 6300 psi, Frac Stage 3 , Flushed to top Perf,

Max rate	81	bpm
Avg rate	80.4	bpm
Max pressure	6814	psi
Avg pressure	5782	psi
Max prop conc	2.2	ppg
Prop Pumped	253400	lb
100 Mesh	57047	lb
White 40/70	196353	lb
Gel Pumped	202	lb
Treated Water	0	gal
AquaStimUR	320069	gal
Water Fr GR(15)	2130	gal
7.5% HeFe	1500	gal 2,486 gals 15% HeFe
ISIP	1918	psi
5 min	1681	psi
10 min	0	psi
15 min	0	psi
Breakdown	6914	psi
Load to Recover	326185	gal

PJSM. Reviewed JSA's. Discussed job plans with all service companies , TIF , SWA , Job Hazards
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 12,520' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 4 (12,259' - 12,491") (5) clusters (6) spf (60) deg phasing (40) holes , POOH.

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
SICP= 1,154 psi. Prime up , Pressure Test , Good Test , Pumped 0 gals 15% & 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 6500 psi, Frac Stage 4 , Flushed to top Perf, Max rate 80.8 bpm Avg rate 80 bpm Max pressure 6821 psi Avg pressure 5801 psi Max prop conc 2.35 ppg Prop Pumped 239315 lb 100 Mesh 48804 lb White 40/70 190511 lb Gel Pumped 202 lb Treated Water 0 gal AquaSlimUR 238663 gal Water Fr GR(15) 32732 gal 7.5% HeFe 3000 gal 0 gals 15% HeFe ISIP 2137 psi 5 min 1733 psi 10 min 0 psi 15 min 0 psi Breakdown 4235 psi Load to Recover 266023 gal
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 12,225' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 5 (11,969' - 12,201") (5) clusters (6) spf (60) deg phasing (40) holes , POOH.
SICP= 1,344 psi. Prime up , Pressure Test , Good Test , Pumped 0 gals 15% & 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 6406 psi, Frac Stage 5 , Flushed to top Perf, Max rate 80.49 bpm Avg rate 79.94 bpm Max pressure 6671 psi Avg pressure 5672 psi Max prop conc 2.418 ppg Prop Pumped 245582 lb 100 Mesh 46373 lb White 40/70 199209 lb Gel Pumped 486 lb Treated Water 0 gal AquaSlimUR 234303 gal Water Fr GR(15) 20575 gal 7.5% HeFe 3000 gal 0 gals 15% HeFe ISIP 2252 psi 5 min 1813 psi 10 min 0 psi 15 min 0 psi Breakdown 6625 psi Load to Recover 257878 gal
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 11,940' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 6 (11,679' - 11,911") (5) clusters (6) spf (60) deg phasing (40) holes , POOH.
PJSM. Reviewed JSA's. Discussed job plans with all service companies , TIF , SWA , Job Hazards

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com

SICP= 1,400 psi. Prime up , Pressure Test , Good Test , Pumped 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 5500 psi, Frac Stage 6 , Flushed to top Perf.

Max rate	80.49	bpm
Avg rate	80.24	bpm
Max pressure	6833	psi
Avg pressure	5640	psi
Max prop conc	2.41	ppg
Prop Pumped	250406	lb
100 Mesh	46201	lb
White 40/70	204205	lb
Gel Pumped	690	lb
Treated Water	0	gal
AquaStimUR	209363	gal
Water Fr GR(15)	17360	gal
7.5% HeFe	3000	gal
ISIP	2037	psi
5 min	1625	psi
10 min	0	psi
15 min	0	psi
Breakdown	6571	psi
Load to Recover	229723	gal

RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 11,653' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 7 (11,389' - 11,621') (5) clusters (6) spf (60) deg phasing (40) holes , POOH.

Report Start Date: 3/3/2013

Com

SICP= 1,330 psi. Prime up , Pressure Test , Good Test , Pumped 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 5925 psi, Frac Stage 7 , Flushed to Top Perf.

Max rate	80.7	bpm
Avg rate	80.3	bpm
Max pressure	6529	psi
Avg pressure	5480	psi
Max prop conc	2.1	ppg
Prop Pumped	249633	lb
100 Mesh	48250	lb
White 40/70	201348	lb
Gel Pumped	679	lb
Treated Water	0	gal
AquaStimUR	245242	gal
Water Fr GR(15)	21107	gal
7.5% HeFe	3000	gal
ISIP	1849	psi
5 min	1658	psi
10 min	0	psi
15 min	0	psi
Breakdown	5035	psi
Load to Recover	269349	gal

RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 11,360' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 8 (11,099' - 11,331') (5) clusters (6) spf (60) deg phasing (40) holes , POOH.

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
SICP= 1,350 psi. Prime up , Pressure Test , Good Test , Pumped 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 6430 psi, Frac Stage 8 , Flushed to Top Perf. Max rate 80.7 bpm Avg rate 80.3 bpm Max pressure 6793 psi Avg pressure 5202 psi Max prop conc 2.1 ppg Prop Pumped 255097 lb 100 Mesh 50679 lb White 40/70 204418 lb Gel Pumped 703 lb Treated Water 0 gal AquaSlimUR 244298 gal Water Fr GR(15) 2074 gal 7.5% HeFe 3000 gal ISIP 2061 psi 5 min 1698 psi 10 min 0 psi 15 min 0 psi Breakdown 5800 psi Load to Recover 268330 gal
PJSM. Reviewed JSA's. Discussed job plans with all service companies , TIF , SWA , Job Hazards
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 11,070' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 9 (10,809'-11,041') (5) clusters (6) spf (60) deg phasing (40) holes , POOH.
SICP= 1,494 psi. Prime up , Pressure Test , Good Test , Pumped 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 5,633 psi, Frac Stage 9 , Pre-gel blender plugged 1600 sxs short design, flushed well, and serviced blender from 1130-1300. Stimulation van overheated @1300, operations brought back online @1530. Continued design stimulation and flushed to Top Perf. Max rate 84.9 bpm Avg rate 79.9 bpm Max pressure 6320 psi Avg pressure 5352 psi Max prop conc 2.45 ppg Prop Pumped 237060 lb 100 Mesh 28116 lb White 40/70 208944 lb Gel Pumped 818 lb Treated Water 0 gal AquaSlimUR 246288 gal Water Fr GR(15) 37689 gal 7.5% HeFe 3000 gal ISIP 1851 psi 5 min 1502 psi 10 min 0 psi 15 min 0 psi Breakdown 6320 psi Load to Recover 286977 gal
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 10,780' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 10 (10,519'-10,751') (5) clusters (6) spf (60) deg phasing (40) holes , POOH.
PJSM. Reviewed JSA's. Discussed job plans with all service companies , TIF , SWA , Job Hazards

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
SICP 1,500 psi. , Prime up , Pressure Test , Good Test , Pumped 3000 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 5590 psi, Frac Stage 10 , Flushed to Top Perf.

Max rate	81.8	bpm	
Avg rate		80.6	bpm
Max pressure	6441	psi	
Avg pressure	5016	psi	
Max prop conc	2.26	ppg	
Prop Pumped	268637	lb	
100 Mesh	47920	lb	
White 40/70	220717	lb	
Gel Pumped	780	lb	
Treated Water	0	gal	
AquaStimUR	220555	gal	
Water Fr GR(15)		32744	gal
7.5% HeFe	3866	gal	
ISIP	2001	psi	
5 min	1596	psi	
10 min	0	psi	
15 min	0	psi	
Breakdown	6441	psi	
Load to Recover	257165	gal	

RIH w/ Baker CFP & (5) 3 1/8" Perf Guns , Attempted to Set plug @ 10,490' for Stage 11 , Setting tool mis-fired , Plug didn't set , POOH.
Report Start Date: 3/4/2013
Com
Continue POOH w/ Wireline , Setting tool mis-fired on plug. Changed out Setting tool.
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @ 10,490' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 11 (10,229' -10,461') (5) clusters (6) spf (60) deg phasing (40) holes , POOH , Pump spot acid away.
Waiting on water transport into reserve pit for stimulation of stage 11.
SICP 1,095 psi. , Prime up , Pressure Test , Good Test , Pumped 4,500 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 4,212 psi, Frac Stage 11 , Flushed to Top Perf.

Max rate	81.8	bpm	
Avg rate		79.1	bpm
Max pressure	6284	psi	
Avg pressure	1490	psi	
Max prop conc	2.3	ppg	
Prop Pumped	247362	lb	
100 Mesh	36459	lb	
White 40/70	210903	lb	
Gel Pumped	806	lb	
Treated Water	0	gal	
AquaStimUR	247848	gal	
Water Fr GR(15)		20769	gal
7.5% HeFe	4500	gal	
ISIP	1756	psi	
5 min	1490	psi	
10 min	0	psi	
15 min	0	psi	
Breakdown	N/A	psi	
Load to Recover	273117	gal	

Waiting on water transport into reserve pit for remaining job.
Report Start Date: 3/5/2013
Com
Waiting on water transport into reserve pit for remaining job.
PJSM with Petro,Halliburton,Baker,PWR,Tetra. Discuss TIF, SWA, JSA, Tenet#5 Emergancy Plans,Overhead Lifts, Pinch Points, Pressure. Good Communication, and Team work/
RIH w/ Baker CFP & (5) 3 1/8" Guns , Set plug @10200 ' , Pressure Tested Plug to 4000 psi , Good Test , Perf Stage: 12 (10,171' -9939') (5) clusters (6) spf (60) deg phasing (40) holes , POOH , Pump spot acid away. 1500 Gal 7.5% NeFe

Chevron

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
SICP 1,329 psi. , Prime up , Pressure Test , Good Test , Pumped 4,500 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 5050 psi, Frac Stage 12 , Flushed to Top Perf.

Max rate	81.2	bpm	
Avg rate		80.7	bpm
Max pressure	6488	psi	
Avg pressure	5050	psi	
Max prop conc	2.36	ppg	
Prop Pumped	256573	lb	
100 Mesh	48343	lb	
White 40/70	208230	lb	
Gel Pumped	434	lb	
Treated Water	0	gal	
AquaStimUR	44969	gal	
Water Fr GR(15)		18189	gal
7.5% HeFe	3000	gal	
ISIP	2360	psi	
5 min	1560	psi	
10 min	0	psi	
15 min	0	psi	
Breakdown	N/A	psi	
Load to Recover	242000	gal	

RIH w/ Baker CFP & (5) 3 1/8" Guns. Start taking wt at 4020' pull up and bring pumps up to 3Bpm RIH get to 4200' and start taking wt p/u and pull free RIH to 4300' and take wt. Attempt to pooh with plug. Unabe to go up or down. Have to set plug at 4300'. Pooh and lay down guns and setting tool.
R/D E-Line, Lubricator, R/D Treating iron form WH and remove Isolation tool. Install Crown Valve.
Report Start Date: 3/6/2013
Com
Move in and spot coil tubing equiptment
PJSM Discuss SWA, JSA , Emrgemcy Plan. Over head lifts. SimOps. TIF. Tenent of the Day Maintain Intergerty of dedicated systems.
Rig up coil tubing unitt.
Make up coil conector and pull test 20 K then picked up BPV Hyd. disconnect and circulating sub and Surface test 3000 psi. Continue picking up assembly Hydrio pull tool , Motor, sub and 4 1/2" JZ Bit. Test assembly in lubricator to 4000 psi
Run in hole with Coil tubing hold 1100 psi on casing . Get to plug set at 4300' and drill out. . At 8000' get pick up weight and continue in hole. At 8050' swivel packing appears to go out. Shut down pump and pull up in casing to 5000' .
Have to shut down to repair CT. Seal on 90 going to swivel packing failed.
With seal repaired start back in hole circulating 3 bpm spotting sweep pill . Go in hole to 9975' then pull up to 9900' and circulate out with Clay web treated water at .5 gal/1000 gal. and criculate any fill encountered while holding 1100 psi on casing.
Pul out of hole circulating at 3 bpm holding 1100 psi on casing while ciruclating out well. Pull up into lubricator and secure well.
Report Start Date: 3/7/2013
Com
Discussed coil tubing operation.Discussed JSA, TIF, Pinch point hazzards, Tenent # 7 , and SWA, communication, over head lifts, emergency plan , heavy lifts.
Upon inspection noticed turbo charger was out.Have to wait on Halliburton tractor for Coil Tubing unit .
PJSM Tail gate meeting to discuss removing Baker drill out assembly and replacing it with Baker plug assy.
Make up Baker Pkr. plug assy including coil connector. BPV , Universal disconnect , 2 3/8 reg. x 2 3/8 8rd X-O BxP J setting tool and Baker Composite plug.
After making up plug assy. attempt to pull it up inside lubricator and partailly set plug because 4 3/8 setting sleeve would not go inside of 4 1/16" Flange. Lay down baker setting tool and partailly set plug then flange back up to well.
Report Start Date: 3/8/2013
Com
PJSM. Discuss JSA, Hazzards, SWA , TIF. Discuss operation to take place and potentials hazzards perfoming the task at hand.
P/U Baker plug assy.Coil connector, BPV, Universal disconnect, X/O 2 3/8 reg x 2 3/8 8rd BxP J-Setting tool , Composite Plug.
RIH with Baker Plug assy. and set plug at9900'
Plug on depth 9900' CTM Drop 5/8" setting . Set plug with 3600 psi on CT . Pull up off plug and then slack off on it to insure set. Pull up 50' test plug to 3000 psi . Bleed off casing and start out hole.
Pull out hole and lay down running tool .
PJSM to pick up gun assy. Discuss explosive, pinch points, heavy lifts SWA , emergency muster, TIF.
Pick up Halliburton BHA pick up. Coil connector, BPV,Universal Disconnect, X-O Sub, 5 ea. 60 deg. phase. 8 spf guns.
RIH with guns to perforate stage 13
Perforate Stage. 13 Stop and perforate 9871,9813,9755,9697,9639. Fire guns with 3500 psi on CT then pressure bleed off as we move up hole.
Spot down 7 1/2% HCL Spear head acid across then pull up above acid and bull head in perfs. Pressure break back at 1 bpm 2740 psi then fall to 1 1/2 bpm at 2200 psi.

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
Pull out of hole rolling pump as we come out of the hole.
R/D Coil tubing
Report Start Date: 3/9/2013
Com
Complete rigging down coil tubing
Shut down
Spot isolation stinger tool.
PJSM. Discuss operation Hazzards,SWA,TIF, JSA for the job proceedure,Pinch points, Change in job, Tenent # 9 Emergnecy response, New idling truck policy.
Set Isolation tool and R/U Frac iron to well head.
ISIP 1,449 psi. , Prime up , Pressure Test , Good Test , Pumped 4,500 gals 7 1/2% HeFe HcL , Worked rate up to 80 bpm @ 4,212 psi, Frac Stage 11 , Flushed to Top Perf.

Max rate	81.8	bpm
Avg rate	80.4	bpm
Max pressure	6197	psi
Avg pressure	4747	psi
Max prop conc	2.4	ppg
Prop Pumped	264068	lb
100 Mesh	55008	lb
White 40/70	209060	lb
Gel Pumped	500	lb
Treated Water	0	gal
AquaStimUR	57658	gal
WaterFrac R(15)	19735	gal
7.5% HeFe	7500	gal
ISIP	2124	psi
5 min	1549	psi
10 min	0	psi
15 min	0	psi
Breakdown	4872	psi
Load to Recover	274345	gal

Total water to recover from entire frac 81,436 bbls.

Rig down 90% of Frac Iron. Unable to rig down completly due to high wind.
Report Start Date: 3/10/2013
Com
PJSM. Discuss operation Hazzards,SWA,TIF, JSA for the job proceedure,for rig down of remaining frac iron and rigging up Coil tubing,Pinch points, b, Tenent #10 Involve the right people in decisions that affect proceedures and equiptment.
R/D remaining frac iron and remove unneeded containment mats.
PJSM Tor R/U Coil tubing and Plug catcher manifold. JSA, TIF . Pinch points,Heavy Suspended loads.
R/U Coil tubing ,Pumps, and flow back iron..
Pick up Baker BHA including coil connector,Pull test connector 20 K, BPV Hyd. Disconnect circulating sub. Test circulating sub 2000 psi.Hydro pull tool,Extreme Motor ,Test motor 3000 psi @ 3 bpm X-O and JZ bit. Test iron to 4500 psi.
Report Start Date: 3/11/2013
Com
PJSM . Discussed drill out operations for drill out. Tenent # 1 JSA, TIF,Emergency response,pinch points, heavy suspended loads, Pressure and communication.
RIH with Coil after testing iron to 4500 psi
Drill out plugs at 9990' 29 minutes to cut thru it, CT pressure 3150 psi return rate WH pressure 750 psi Pump rate 3 bpm return rate 4 bpm pumping .5gal Clay Web/1000 gal.and 10 bbl Brazan sand Pill after each plug. Drill out plug @10200' 8 minutes to cut thru it, CT pressure 3150 psi return rate WH pressure 750 psi Pump rate 3 bpm return rate 4 bpm pumping .5gal Clay Web/1000 gal.and 10 bbl Brazan sand Pilll after each plug,Drill out plug @ 10490 in 13 'minutes to cut thru it, CT pressure 3150 psi return rate WH pressure 750 psi Pump rate 3 bpm return rate 4 bpm pumping .5gal Clay Web/1000 gal and 10 bbl Brazan sand Pill after each plug.,When 10 bbl pill hits bottom Spot 20 bbl Brazan sand Pill as we make short trip to 8820;. Then GIH and drill out plug at 10780 9 minutes to cut thru it, CT pressure 3150 psi return rate WH pressure 750 psi Pump rate 3 bpm return rate 4 bpm pumping .5gal Clay Web/1000 gal.and 10 bbl Brazan sand Pill after each plug.'Drill out plug 11070 10 minutes to cut thru it, CT pressure 3150 psi return rate WH pressure 750 psi Pump rate 3 bpm return rate 4 bpm pumping .5gal Clay Web/1000 gal.and 10 bbl Brazan sand Pill after each plug. 11360' 11 minutes to cut thru it, CT pressure 3150 psi return rate WH pressure 750 psi Pump rate 3 bpm return rate 4 bpm pumping .5gal Clay Web/1000 gal.and 10 bbl Brazan sand Pillll after each plug, continue in hole and tag #7 plug at 11653' . Spot 20 bbl Brazan sand sweep pill and POOH
POOH with Baker drill out assy.Bump up with tools. N/D from well head Inspect Baker BHA. N/U to wellhead. Secure well for night.
Report Start Date: 3/12/2013
Com
PJSM, Discuss Tenent # 2 Operate in a safe and controled condition. Discuss JSA, TIF, Hazzards associated with job, Pressure , Heavy suspended lifts, Moving equiptment, working at heights.
Test lurbricator to 4500 psi. WH press. 800 psi RIH with Baker Drill out assy. to drill out plug # 7,8,9,10,11,12 T rolling pumps holding 800 psi on WH

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
Drill out plugs Plug # 7 @ 11653' Time to D/O 10 min. CT pressure 3250 psi WH Pressure 790 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 10 bbl.Brazan sand pill Plug # 8 @ 11940' Time to D/O 15 min. CT pressure 3250 psi WH Pressure 790 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 10 bbl.Brazan sand pill Plug # 9 @ 11940' Time to D/O 7 min. CT pressure 3128 psi WH Pressure 745 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 10 bbl.Brazan sand pill Tag Plug # 10 @ 12520' Send 20 bbl Brazan sand pill and Short trip to 8820' RIH Plug # 10 @ 12520' Time to D/O 9 min. CT pressure 3150 psi WH Pressure 720 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 10 bbl.Brazan sand pill Plug # 11 @ 12810' Time to D/O 14 min. CT pressure 3250 psi WH Pressure 710 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 10 bbl.Brazan sand pill Plug # 12 @ 13090' Time to D/O 11 min. CT pressure 3200 psi WH Pressure 650 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 10 bbl.Brazan sand pill Tag F/C at 13379' CT pressure 3350 psi WH Pressure 590 psi Pump Rate 3 bpm Return Rate 4 bpm Sweep pill 20 bbl.Brazan sand pill
Pull out of hole circulating at 3 bpm down coil taking 4 bpm returns up csg. Coil pressure 3350 psi WH pressure. 590 psi P/U wt. 25 K
Lay down Baker BHA and nipple back up to well . Blow down Coil tubing with nitrogen.
Report Start Date: 3/13/2013
Com
PJSM. Discuss rigging down CT unit and rigging up for flow back. Went over JSA, TIF, SWA, Hazzards accosiated with Task at hand . Discussed Tenent # 3 Ensure safety devices are in place and functioning.
R/D CT and Target Duck ponds

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
PJSM for R/U of testing and flow back equiptment. Discuss JSA, TIF, Tennent # 3 Ensure safety devices are in place and working. Discussed the operation and means of mitigating hazzards of working around moving equiptment heavy lifts.
Rig up WT flow back iron , seperator, flare . Spot Oil flow back tanks in berm and run lines.
Report Start Date: 3/14/2013
Com
PJSM with WT well testers,petro. Talkad about TIF,SWA,JSA, Emergancy plans, Muster Point, Spill plans,Pressure, and flow testing well.
Check Pressure; SICP 800 Psi. Open well up at 9am on 8/64th Pos Choke. Flow testing well with 24Hr supervision. 5Pm Reading: WHP----------775 psi WHT----------76 F CHOKE--------8/64" positive MCF/D--------0 Mcf/D BWPH--------- 10Bbls BWPD---------240 Bbls BOPH----------0 Bbls BOPD---------- 0 Bbls TWR----------88 Bbls TOR----------0 Bbls LTR----------81436 Bbls SAND---------- N/A Chlorides-----N/A ppm
Change choke from 8/64th to 10/64th. Continue flow testing well with 24hr supervision.
Report Start Date: 3/15/2013
Com
Flow testing well change choke from 10/64th to 12/64th
Change choke to 14/64th pos.
Change Choke to 16/64th pos.
Reading at 6PM WHP--------600 psi WHT----------77F CHOKE--------16/64" positive MCF/D--------0 Mcf/D BWPH--------- 41 Bbls BWPD---------397 Bbls BOPH----------0 Bbls BOPD---------- 0 Bbls TWR----------709 Bbls TOR----------0 Bbls LTR----------80,727 Bbls Chlorides----- 51,233 ppm
Report Start Date: 3/16/2013
Com
Flow testing well on 16/64 Choke
Flow testing well on 18/64 Choke

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
Flow testing well on 20/64 Choke Reading at 6PM Changed choke to 20/64 at 9am. WHP--------560 psi WHT---------90F CHOKE-------20/64" positive MCF/D-------0 Mcf/D BWPH--------- 60 Bbls BWPD--------- 669 Bbls BOPH---------0 Bbls BOPD--------- 0 Bbls TWR---------- 1926 Bbls TOR----------0 Bbls LTR----------79,510 Bbls Chlorides--- 59,497 ppm Sand: light Hauled 4 loads to Flow Back SWD Getting trace of oil .

Report Start Date: 3/17/2013

Com
Flow well on 20/64 choke.
Flow well on 22/64 choke Reading at 6PM Changed choke to 22/64 at 7am. WHP--------650 psi WHT---------84F CHOKE--------22/64" positive MCF/D--------0 Mcf/D BWPH--------- 56 Bbls BWPD--------- 693 Bbls BOPH---------0 Bbls BOPD--------- 0 Bbls TWR---------- 3257 Bbls TOR----------0 Bbls LTR----------78,179 Bbls Chlorides---- 59,497 ppm Sand: light Hauled 5 loads to SWD

Report Start Date: 3/18/2013

Com
Flow well on 22/64 choke
Flow well on 24/64 choke
Go to sperator and start 3 phasing , sperating water, oil and flaring gas
Continue flowing thru separator on 26/64" choke, flaring gas

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
Rates @ 18:00 WHP--------800 psi WHT---------90F CHOKE--------26/64" positive MCF/D--------533 Mcf/D BWPH--------- 69 Bbls BWPD--------- 1,656 Bbls BOPH---------21 Bbls BOPD---------- 504 Bbls TWR-----------4614 Bbls TOR----------212 Bbls LTR----------76,822 Bbls Chlorides--- 59,497 ppm Sand: light Oil on Location: 212 bbls Oil Hauled: 0 H2O Hauled: 8 Oil Gravity: 46 @ 91 degrees Continue flowing w/ 24 hr supervision

Report Start Date: 3/19/2013

Com
Continue flowing thru test separator w/ 24 hr supervision. Gas to flare
Rates @ 18:00 WHP--------810 psi WHT---------94F CHOKE--------30/64" positive MCF/D--------935 Mcf/D BWPH--------- 70 Bbls BWPD--------- 1,680 Bbls BOPH---------20 Bbls BOPD---------- 480 Bbls TWR----------6080 Bbls TOR----------545 Bbls LTR----------75,356 Bbls Chlorides---- 59,497 ppm Sand: light Oil on Location: 571 bbls Oil Hauled: 0 H2O Hauled: 7 Oil Gravity: 47 @ 76 degrees Continue flowing w/ 24 hr supervision

Report Start Date: 3/20/2013

Com
Continue flowing thru test separator w/ 24 hr supervision. Gas to flare

Chevron

Summary Report

Completion
Complete
Job Start Date: 1/11/2013
Job End Date: 1/28/2013

Well Name	Lease	Field Name	Business Unit
PORTER BROWN 1H	Porter Brown	Bone Spring	Mid-Continent/Alaska

Ground Elevation (ft)	Original RKB (ft)	Current RKB Elevation	Mud Line Elevation (ft)	Water Depth (ft)
3,203.00	3,228.00	3,228.00, 11/12/2012		

Com
Rates @ 18:00 WHP-------800 psi WHT---------93F CHOKE--------34/64" positive MCF/D-------1529 Mcf/D BWPH--------- 85 Bbls BOPH---------27 Bbls Water last 12 hrs 858 Oil last 12 hrs 232 TWR----------7723 Bbls TOR----------922 Bbls WLTR----------73,713 Bbls Chlorides---- 59,497 ppm Sand: light Oil on Location: 922 bbls Oil Hauled: 0 H2O Hauled: 7 Oil Gravity: 46 @ 68 degrees Continue flowing w/ 24 hr supervision

Report Start Date: 3/21/2013

Com
Continue flowing through test separator w/ gas to flare. Set & plumbed demulsifying unit & pump. Built additional lined berms. Spotted 8 additional oil storage frac tanks. Hauled off 3 loads of oil (550 bbls).
Rates @ 18:00 WHP--------850 psi WHT---------94F CHOKE--------38/64" positive MCF/D--------2028 Mcf/D BWPH--------- 65 Bbls BOPH---------41 Bbls Water last 12 hrs 769 Oil last 12 hrs 473 TWR----------9402 Bbls TOR----------1862 Bbls WLTR----------72,034 Bbls Chlorides---- 67,760 ppm Sand: light Oil on Location: 1312 bbls Oil Hauled: 550 H2O Hauled: 6 Oil Gravity: 46 @ 84 degrees Continue flowing w/ 24 hr supervision

Pinkerton, J. Denise (leakejd)

From: Well Information System [wis-submission@blm.gov]
Sent: Thursday, March 21, 2013 11:03 AM
To: Pinkerton, J. Denise (leakejd)
Subject: EC Document Submitted
Attachments: WIS_PRINT_SUBMITTED_202135.pdf

Your EC Transaction 202135, Serial Number 00770-45352, was submitted to the Hobbs, NM BLM Office. You may wish to view this action by clicking https://www.blm.gov/wispermits/wis/SP/show-form.do?FormId=770&FormInstanceNumber=45352.