Form 3160-5 (August 2007)

## UNITED STATES

DEPARTMENT OF THE INTERIOR RECEIVED
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter(an) 2 2015

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

5. Lease Serial No. 1149IND8463

		EASTÉRN NAVAJO	
F	_	TCII-is CA/A	

6. If Indian, Allottee or Tribe Name

abandoned wes	Bureau of Land Management	EASTERN NAVAJO
SUBMIT IN TRI	PLICATE - Other instructions on reverse gide. Field Office	7. If Unit or CA/Agreement, Name and/or No.
Type of Well     Oil Well	ner	8. Well Name and No. BLANCO 1A
Name of Operator     FOUR STAR OIL GAS COMP	Contact: APRIL POHL	9. API Well No. 30-045-30204-00-C1
3a. Address 332 ROAD 3100 AZTEC, NM 87410	3b. Phone No. (include area code) Ph: 505.333.1941	10. Field and Pool, or Exploratory BLANCO MESAVERDE OTERO CHACRA
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)	11. County or Parish, and State
Sec 1 T27N R9W SWSE 700F	FSL 1900FEL	SAN JUAN COUNTY, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		

12. CHECK APPI	ROPRIATE BOX(ES) TO II	NDICATE NATURE OF	NOTICE, REPORT, OR OTHE	R DATA				
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION							
Notice of Intent  Subsequent Report	☐ Acidize ☐ Alter Casing ☐ Casing Repair	☐ Deepen ☐ Fracture Treat ☐ New Construction	☐ Production (Start/Resume) ☐ Reclamation ☑ Recomplete	☐ Water Shut-Off ☐ Well Integrity ☐ Other				
☐ Final Abandonment Notice	☐ Change Plans ☐ Convert to Injection	☐ Plug and Abandon☐ Plug Back	<ul><li>☐ Temporarily Abandon</li><li>☐ Water Disposal</li></ul>					

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.)

DHC 4686 HAS BEEN COMPLETED. PLEASE SEE ATTACHED.

THE WELL IS CURRENTLY SHUT IN, SCHEDULED TO PUT BACK INTO PRODUCTION 3/3/2015. A SUBSEQUENT 3160-5 FOR ALLOCATION PERCENTAGES WILL BE FILED WITHIN 60-90 DAYS.

OIL CONS. DIV DIST. 3 APR 01 2015

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

	the foregoing is true and correct.  Electronic Submission #293505 verifie  For FOUR STAR OIL GAS CON  Committed to AFMSS for processing by TR	PAŃY, OY SA	sent to the Farmington LYERS on 03/30/2015 (15TS0030SE)			
Name (Printed/Typed	JIM MICIKAS	Title	PRODUTCTION ENGINEER			
Signature	(Electronic Submission)	Date	03/02/2015			
THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved By AC	CEPTED		ROY SALYERS PETROLEUM ENGINEER	Date 03/30/2015		
certify that the applicant h	any, are attached. Approval of this notice does not warrant or olds legal or equitable title to those rights in the subject lease plicant to conduct operations thereon.	Office	Farmington			
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.						

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*



Blancó 1A API 30-045-30204

12/11/2014

MIRU

12/12/2014

SITP - 60#'s, SICP - 120#'s. Bleed down head gas off csg. Pump tbg & csg w/ 5 bbl's 2% KCL each, well on slight vac Set BPV in tbg hanger. ND 2 1/16" X 7 1/16" WH. NU 7 1/16" 3K BOPE. Note: 2 3/8" rams installed prior.

Install 2 3/8" pup it in hanger, test BOP & breaks @ 250 low & 2400#'s high, good test.

Unseat hanger, pull & LD same. POOH w/ prod tbg assem, 139 total Jt's, "X" nipple w/ bumper spring, 2 3/8" pup Jt & WL guide. Tbg & equip looked good, no corrosion.

PU & RIH w/ 4 3/4" bit & csg scraper on prod tbg to 2940', below proposed CBP setting depth of 2850', OK.

POOH LD 2 3/8" prod tbg & bit/scraper.

Change pipe rams fr/ 2 3/8" - 2 7/8". Install test hanger. Test BOP & breaks @ 250 low & 2400#'s high, good test. Pull test hanger. SDFN.

12/13/2014

SICP - 60#'s. RU pump & lines. Check SISCP - 0.

Spot in & RU Halliburton WL unit. NU 7 1/16" flange to bowen conn. PU lubricator. Prep to RIH w/ 5 1/2" CBP.

RIH w/ Halliburton 8K CBP. Correlate to Schlumberger CBL/GR/CCL dtd 27 Mar 2008.

Set CBP @ 2851', OK good set. POOH, pull WL tools into lubricator

Finish fill csg w/ 2% KCL. Test WL lubricator & csg @ 1,000#'s, good. RD WL lube. Test csg & CBP @ 2,600#'s for 10 min, good test. Bleed off test PSI

Change out both 2" threaded tbg head valves. Install 2" VRP nipples & 2" 5K threaded gate valves. SDFN 12/14/2014

SICP - 0#'s. RU pump & lines. Check SISCP - 0.

Re-test 5 1/2" prod csg & tbg head valves changed out PM yesterday, @ 2500#'s, 5 min test 0 psi lost

RU Halliburton WL unit, NU lubricator. RIH w/ Radial CBL/GR/CCL tools. Run log fr/ 2851' to surf, OK. Log indicates no cmt behind the prod csg fr/2300' to 1250'.

Contact workover engineer w/ CBL results, discuss options. Contact NMOCD via voice mail & email. SDFN. 12/15/

SIWP - 0. RU Halliburton WL unit & lubricator.

Having issues w/ squeeze gun configuration, improvise. No safety issues.

RIH w/ 3 1/8" 6 spf squeeze gun, correlate to CBL ran yesterday. Perf squeeze holes @ 2200'. POOH. No shots fired, gun shorted out. Discuss options

RD Halliburton WL unit & WL BOP. PU & RIH w/ 2 7/8" WS to 2130'. POOH w/ WS. SDFN 12/16/2014

SIWP - 0. RU Halliburton WL unit & lubricator.

RIH w/ 3 1/8" 6 spf squeeze guns. Correlate to HES RCBL dtd12/14/2014. Perf 6 holes @ 2200 - 01, well on slight vac. Pull up & perf 2nd set @ 1290 - 91', no change in well noted. POOH. All shots fired. RD HES WL unit & WL BOP.

PU HES's 5 1/2" Composite Cmt Retainer. RIH to 2149'. Circ tbg vol w/ 2% & set CCR @ 2149', good set.

POOH w/ & LD CR setting tool. PU & RIH w/ CR stinger w/ star guide. Space out & engage Composite Retainer.

Use rig pump & attempt to circ 5 1/2" annulus w/ 40 bbls 2%, pumping 3.5 BPM @ 1200#'s into squeeze perfs @ 2200', no circ obtained. Attempt to circ reverse, thru squeeze holes @ 1290', 2.5 BPM @ 1500#'s, no circ obtained. Contact engineers & advisors.

RU HES cmt. Mix & pump 200 sks G cmt blended w/ Had fluid loss @ 15.3 ppg, 1.24 yields, 44 total bbls slurry. Displace w/ 10.5 bbl water. Pump cmt @ 1.6 BPM & 200#'s avg. Wash up pump. Displace cmt w/ 1 bbl water & sting out of retainer w/ 672#'s on squeeze. Pull up 10' & reverse out, recovered 2 bbl cmt slurry. RD HES cmt equip. POOH w/ WS & stinger. SDFN.

12/17/2014

SIWP - 0. RU Halliburton WL unit BOP & lubricator

Wait on WL tools. Assemble & calibrate CBL

RIH w/ CBL. Run CBL/GR/CCL from 2140' to surf, log indicates that cmt job yesterday increased/raised cmt top to 1900'. Contact workover engineer & drilling superintendent. Contact NMOCD.

RIH w/ 3 1/8" 6 spf squeeze gun. Correlate & perf squeeze holes @ 1900'. POOH all shots fired, no change in well noted. RD HES WL. SDFN.

12/18/2014

SIWP - 0. open well up. PU & RIH w/ Halliburton 8K Composite Cmt Retainer to 1880' (squeeze holes @ 1900'). Set CCR, OK.

POOH w/ & LD mech setting tool.

PU & RIH w/ CCR stinger w/ star guide. Space out tbg & engage CCR @ 1880'

Use rig pump & attempt to circ 5 1/2" annulus w/ fresh water. Broke down @ 2,000#'s, pump 3 BPM @ 1800#'s w/ no circ obtained. Pump 40 bbl's total, ISDP: 1,000#'sl. Contact Workover Engineer, discuss options.

Wait on HES cmt equip. Spot in & RU HES Cmt equip & lines. SDFN.

SITP - 0 & SICP - 0. RU HES Cementers. Pressure test pump & lines @ 3,000#'s, good. Check inj rate w/ 5 bbl's fresh water thru CCR @ 1880', 2 BPM @ 1800#'s. Mix & pump 300 sks G cmt w/ adds, 66 total bbls slurry @ 15.3 ppg. Displace w/ 5.5 bbl's fresh. Start hesitation squeeze w/ 5.3 bbl's cmt still in tbg. 30 min wait, pump 1 bbl', 30 min wait pump 1 bbl', starting to pressure up, pump to 1/2 bbl fr/ EOT, sting out of retainer w/ 960#'s on squeeze.

Reverse out w/ 25 bbl's fresh water, 1/2 bbl cmt slurry returned. RD HES Cmt.

POOH w/ & LD retainer stinger. SDFH

1/5/2015

SIWP - 0, verify all valves, annular & rams operational & ice free.

1/6/2015

SIWP - 0. Install test hanger in the head, spot in & RU WSI test unit. Full test BOPE, Kelly & TIW valves @ 250 low & 2400#'s high. All test good. RD WSI.

RU FMC BOP & lubricator. RIH w/ CBL-GR-CCL tools. Tag 10' cmt on top of CCR set @ 1880'. Run log fr/ 1860' to surf, log indicates no gain in cmt top, Note: pump 300 sks cmt into squeeze perfs @ 1900' on 12/19/2014.

Contact & discuss options w/ engineers & advisor.

PU & RIH w/ 3 1/8" 6 -SPF csg squeeze gun. Correlate & perf csg @ 1860'. POOH, all shots fired. SIWP - 80#'s. SDFN. 1/7/2015

SIWP - 80#'s. RU pump & lines, open & bleed down well, straight water. PU Halco 5 1/2"" tension pkr, RIH on 2 7/8" WS to 1320'.

Set pkr @ 1320'. RU & attempt to circ squeeze holes @ 1860' to 1290' w/ rig pump, no circ obtained: Pump 20 bbl's fresh water, 1.7 BPM @ 1700#'s avg, ISDP - 1400#'s & 5 min SITP - 1200#'s. Attempt to reverse circ squeeze holes 1290' to 1860': Pump 20 bbl's fresh water, 3.2 BPM @ 900#'s avg. ISDP - 770#'s, 5 min SICP - 330#'s, no circ obtained.

Note: All indications are that the top squeeze holes @ 1290' are open & flowing, IE 80# SICP this AM.

Release & POOH w/ pkr.

PU & RIH w/ 5 1/2"" Composite Cement Retainer on WS. Set CCR @ 1850', good set. POOH w/ mechanical setting tool. PU & RIH w/ CCR stinger w/ star guide. Space out & engage CCR @ 1850'.

Establish inj rate: 1.7 BPM @ 1700#', pump 10 bbl's superflush, 7 bbl fresh water spacer, 22 bbl cmt slurry @ 15.3 ppg w/ .25% Halad 344 & .1% Calcium Chloride, displace w/ 10 bbls fresh water.

Sting out of CCR. Reverse circ clean, ~2 bbl cmt slurry returned to surf.

Note: No circ obtained during cmt squeeze. POOH w/ WS & stinger. SDFN.

1/8/2015

Rig & equip maint, thawing open top/cement waste tank & trucking fluid to disposal. SDFN.

1/9/2015

SIWP - slight vac. NU FMC WL BOP & PU lubricator. Start assem CBL tools, missing key element of tool string. Wait on tool part & RU FMC.

RIH w - CBL/GR/CCL tool string. Tag 3' cmt on top of CCR set @ 1850'. Run log fr/ 1847' to surf. Squeeze holes @ 1860', CCR @ 1850', squeeze brought cmt up to 1832'.

1/10/2015

Per Conversations w/ Workover Engineer, Advisor & NMOCD, decision made to shoot squeeze holes @ ~1700'.

SIWP - slight vac. RU FMC WL BOP & lubricator. PU & RIH w/ 3 1/8" 6 SPF csg squeeze gun. Correlate & perf csg @ 1720', 6 total shots. No change in well noted. POOH, all shots fired. RD FMC.

PU HES 5 1/2"" tension pkr. RIH on WS, set pkr @ 1320'.

Use rig pump & establish inj rate into new holes @ 1720' w/ fresh wtr, had communication w/ squeeze holes @ 1290'. Pump 4 bbl's OK. Reverse circ w/ 10 bbl's same, 3 BPM @ 900#'s, started losing returns, shut down. Release pkr & reverse circ 15 bbl's fresh, no solids in returns, colored water.

POOH w/ & LD pkr. PU & RIH w/ HES Composite Cmt Retainer, set same @ 1694'.

POOH'w/ & LD mechanical setting tool. PU & RIH w/ CCR stinger w/star guide. Space tbg out & engage retainer @ 1694', OK. RU HES Cmt. Test pump & lines @ 3,000#'s, good.

Est circ w/ 14 bbl's fresh water ahead, 3/4 BPM @ 480#'s avg. Mix & pump 10 bbl's G neat 13.5# lead cmt & 23 bbl's 15.3# tail cmt w/ adds w/ full circ thru out. Displace cmt w/ 8 bbl's fresh & pull out of CCR w/ 1270#'s on cmt job. Note: lost circ 2 bbl's into displacement. Circ clean w/ 40 bbl's fresh water, 16 bbl's into step had 3 bbl cmt in returns & 24 bbl's into step recover 1.5 bbl cmt slurry. Circ 40 bbl's total.

RD HES cmt equip. POOH w/ & LD CCR stinger. SDFN 1/11/2015

SIWP - 0. Open well up. RIH w/ 4 3/4" bit, 6 - 3  $\frac{1}{2}$ " DC's, X/O, 2  $\frac{7}{8}$ " pup jt & 2  $\frac{7}{8}$ " WS to verify csg open prior to logging. Tag 2' cmt on top of CCR set @ 1694', OK. POOH w/ tbg & BHA

RU FMC. PU & RIH w - RCBL/GR/CCL tools. Tag @ 1692' & run logs fr/ 1686' to surf. Log indicates good cmt behind pipe fr/ 1686 - 1170'', 516' new cmt. RD FMC

RIH w/ 4 3/4" bit, 6 - 3 1/2" DC's, X/O, 2 7/8" pup jt & 2 7/8" WS to 1678'. Install rotating rubber & PU power swivel. Drill 2' cmt, 5 1/2" CCR, # 4, @ 1694' & 27' cmt, fell thru @ 1723' ( squeeze holes @ 1720 - 21'). Circ clean. Test csg & top squeeze @ 600#'s, 15 min test - 0 bleed off.

Drill 2' cmt, 5 1/2" CCR, # 3, @ 1850' & 16' cmt, fell thru @ 1868' ( squeeze holes @ 1860 - 61' ). Circ clean. Test csg & both squeezes @ 600#'s, no test, lost 200#'s in 5 min.

ND swivel & rotating rubber. POOH w/ DC's & bit. SDFN

1/12/2015

SIWP - 0, open well up. PU & RIH w/ 5 1/2" csg scraper, tag cmt top @ 1878', OK.

POOH w/ bit & scraper. PU & RIH w/ Miller 5 1/2" FB pkr. Set same @ 1798', squeeze holes @ 1861'.

Check bleed off/inj rate, .5 BPM @ 1300#'s. Test csg fr/ 1798' to surf @ 600#'s, held good

Contact W/O Engineer w/ results. Contact HES, schedule squeeze for AM. SDFN

1/13/2015

RU HES cmt equip. Release 5 1/2" Pkr @ 1798', LD 1 - Jt & reset Pkr @ 1767'. Test csg & Pkr @ 600#'s, good test. Bleed down to 300#'s & shut in to monitor during squeeze work.

Test pump & lines @ 3,000#'s, good test. Pump 5 bbl's fresh wtr ahead & check inj rate into squeeze holes @ 1861': .5 BPM @ 1280#'s.

Mix & pump 50 sks Type III cmt blended w/ Halad 344 & CFR - 3, 12.5 total bbl's slurry @ 14.4 ppg. Pump 12.5 bbl's slurry & displace w/ 10 bbl's fresh wtr - .5 BPM @ 1075#'s avg. Shut down.

Start hesitation squeeze w/ 15 - 30 min wait periods. Pump an additional 1.3 bbl's displacement leaving 1 bbl in csg above the holes. Check for flow back, well flowing, flow back .3 bbl wtr. Shut in & pump .3 bbl. After wait period pump .5 bbl, pressure up to 1440#'s, check flow, very slight. Release Pkr & reverse circ w/ 26 bbl's wtr, no cmt slurry in returns. LD 1 Jt, reset Pkr @ 1736'. Put 1200#'s on squeeze. RD HES Cmt. SDFN

1/14/2015

SITP/squeeze pressure 300#, SICP - 0. RU & test tbg & squeeze @ 600#'s, held, good test

Release 5 1/2"" FB Pkr @ 1736', POOH, LD same. RIH w/ 4 3/4" bit, 3 1/2" DC's & WS. Tag cmt top @ 1756', S/B @  $^{1840'}$ . Install rotating rubber & PU power swivel

Drill cmt fr/ 1756' to 1840', noting that cmt was not that hard & that there were some void spots in cmt column, circ clean. Test csg & squeeze @ 600#'s, held. Contact & inform engineers. Continue D/O cmt 1840' to 1865', fell thru. (Squeeze holes 1860 - 61'). Circ clean. Test csg & squeeze @ 600#'s, losing 20 #'s in 5 min's. Contact & inform engineers. Discuss options.

D/O 2' cmt & CCR @ 1880' & squeeze cmt to 1915, fell thru. ( Squeeze holes 1900 - 01 ). RIH w/ bit to top of cmt on CCR  $\# 1 \otimes 139$ '. Circ clean. Test csg & squeeze @ 600#'s, lost 15#'s in 5 min.

ND power swivel & remove rotating rubber. POOH w/ bit & DC's. SDFN

1/15/2015 SIWP - 0, RU FMC WL. RIH w - CBL/GR/CCL tools to 2139', tag cmt top. Run logs fr/ 2130' to surf. Log indicates very little if any cmt fr/ 1720' to 1800'. RD FMC WL. Contact engineers w/ findings.

Fill & test csg @ 540#'s. 30 min test, lost 160#'s. PU & RIH w/ 5 1/2" FB Pkr to 1888'

Verify squeeze holes @ 1860 - 61 leaking.

Set Pkr & test 1888' to 2139' @ 500#'s, good test. Pull Pkr & set @ 1856', Test csg to surf @ 500#'s, good test. Test tbg fr/ 1856' to 2139' @ 500#'s, lost 110#'s in 5 min. Release Pkr & POOH, LD same. RIH w/ 2 7/8" WS to 1882', open ended RU HES Cmt pump & lines

Mix & pump balanced cmt plug w/ 18 sks FineCem cmt mixed @ 12.5 ppg, 2.5 bbl's slurry.

LD 3 Jt's tbg, reverse clean w/ 20 bbl's fresh wtr, .25 bbl cmt slurry in returns. RD HES cmt equip. POOH w/ tbg

PU & RIH w/ 5 1/2" FB Pkr, set same @ 1734'

Test csg @ 500#'s, good. Pressure up on cmt plug to 500#'s & STI. SDFN

1/16/2015

SITP - 30#'s (PSI left on cmt squeeze) & SICP - 0. RU WSI testing unit. Pre-test csg fr/ surf to Pkr set @ 1734', @ 540#'s. Good test.Wait on NMOCD inspector. Perform MIT on csg fr/ surf to Pkr set @ 1734', @ 560#'s for 30 min. Good test, witnessed & passed by NMOCD inspector. Release & POOH w/ 5 1/2" Pkr, LD same.

RIH w/ 4 3/4" bit & DC's on 2 7/8" WS to 1780'. Install rotating rubber & PU power swivel

Did not tag solid cmt, 36 hr set time. Circ balanced plug slurry to mud tank, fr/ 1792 - 1882'. RIH to cmt top @ 2139'. Circ hole volume. Test csg @ 500#'s, 0 bleed off in 5 min.

ND swivel, pull rotating rubber. POOH LD 2 7/8" WS, 6 - 3 1/2" DC's & 4 3/4" bit. SDFWE

1/17-21/2015 Inactive on well

1/22/2015

MI, Spot & RU HES E-Line, RU Lub, RIH w/ 3 1/8" guns, loaded 4 SPF, 90 deg, Perforate the Fruitland Coal in 3 runs from 1915-1930, 1940-1955 and 1970 - 1984, No psi on well, Fluid level dropped 200'. POOH, RDMO HES E-Line Offload 3.5" frac string. PU & RIH w/ 5 1/2" Hornet pkr on 57 jts and 10' pup, 3.5", 9.3#, N,L-80 tbg, Set pkr @ 1805 (middle pkr element) Btm @ 1810', Landed in 8K compression. Had 2 way check in hangar. Tested valves and connections to 3K, Pull two way check. Load backside, test csg, pkr to 500 psi. Test good RD Tongs, Floor, ND BOP's NU WSI 7 1/16" 5K Frac tree, RD AESC # 8"

1/29/2015

Spot flowback equipment, start rigging up same, Spot HES mountain mover. Loading sand, rigging up flowback, spotting HES Frac Equipment. R/U HES flowback equipment

1/30/2015

Winter storm, wait on HES N2 equipment, Spot and R/U same, Finish R/U line restraints

Open well, 86 psi, PI w/ 2000 gal 15% HCL, dropped 260 balls on final 1500 gal, Pumping @ 6.5 bpm and 900 psi, Saw no ball action. Start pad, pumped pad, Never got N2 lined out, SD Pump. Troubleshoot, Diagnose N2 flowrate discrepancies

Bring pumps online w/ treated wtr, switch over to linear gel, switch to X-Ling, Pumping @ 32 bpm combined rate, 3450 psi, Start sand, Adjusting N2 and fluid rate attempting to maintain 65-70% foam quality, Pump sand in 6 stages starting w/ 0.5 ppg working to 5.0 ppg.

SD pumps, ISIP- 1715 psi, 5 min - 1558 psi, 10 min - 1543 psi, 15 min - 1557 psi. Pumped 2000 gal 15% HCL, Max psi - 3676, Max prop conc - 5.6 ppg, Avg quality - 65%, Total N2- 2101843 scf, At avg rate of 16385 scf/m, FG - 1.312 psi/ft, 27% pad, 227660#20/40 Premium White pumped and in formation, Total fluid volume 63288

RDMO N2 equipment, RD treating line on tree, RD Isolation tool, Frac equipment will remain on location 1/31/2015

Flowtest well w 24 hr supervision, Water to tank, No gas yet, As of 1800 hrs well flowing 288 bwpd rate on 20/64 choke w/ 420 psi FWHP, Recover total of 308 bbls of 1507 bbl load, Trace sand. Note: Opened well at 12:30 A.M. SI pressure was 1400, Opened on 10/64 choke

2/1/2015

Flow test well w/ 24 hr supervision, water to open tank, No gas or N2, Trace sand. At 0000 hrs well flowing on 18/64, 480 psi FWHP, 244 BWPD rate, No gas, Trace sand, At 1100 hrs, 18/64, 175 psi FWHP, 72 BWPD rate Trace sand, Open well to unload fluid, At 1500 hrs, WHP - 0 psi, 0 BWPD rate, SI Well, 5 hr Build up - 440 psi, Open well on 10/64, As of 2000 hrs recovered 413 bbls of 1507 bbl load.

2/2/2015

Flow testing w/ 24 hr supervision, water to tank, No gas, from 0000 hrs to 0500, Flow well on12/64, Small gurgle at tank, WHP fell from 360 psi to 260, no fluids, Trace LEL in tank, Increase to 14/64 choke, At 0600, WHP - 200 psi, No fluid, Change choke to 48/64, Began making fluid immediately, At 0700 hrs, 48/64, WHP - 200 psi, 432 BWPD rate, At 0800 hrs, 48/64, WHP - 60 psi, 144 BWPD rate, At 0900 hrs, 48/64, WHP - 40 psi, 96 BWPD rate, Recovered total of 441 bbls of 1507 bbl load, SI well, Weatherford released.

2/5/2015

Check well pressure: SICP 450psi. SI lower master & bled off wellhead. R/U lubricator & install 3-1/2" BPV - had difficulty operating lubricator. Bled off frac tree, BPV holding properly. Will finish N/D frac tree in the morning 2/6/2015

Check well pressure: Opsi. Opened up well, N/D frac tree. Installed top flange w/ 2-3/8" 8rd outlet thread, swedge to 2" line pipe, 2" 3k ball valve, bull plug, needle valve. Shut In & load out equipment

#### 2/19/2015

MIRU. Stump test BOP's to 250/2400 psi

Attempt to pump thru BPV, Pumped 1 bbl fluid and pressured up to 2400 psi. ND Dry hole flange, NU BOP's, blind, pipe and annular, RU floor, tongs, NU Lubricator, Remove two way check, 400 psi on well. RD Lubricator

SITP - 400 psi, Bleed down to zero, recovering N2 & water. Pump down tbg w/ 20 bbls 2% KCL, well on vacuum Rig up hard lines to flowback tank, Set catwalk, pipe racks, RU Air Unit, Winterize & Secure well, SDFN. 2/20/2015

Check well, SITP - 350 psi, SICP - 320 psi, csg bleeds right off, Kill down tbg w/ 15 bbl

Change out rams to 3 1/2, Re-kill w/ 10 bbls, Release pkr, let equalize, POOH, LD 57 jts 3 1/2, LD pkr

Swap out pipe racks w/ workstring, tally. Change out rams to 2 7/8", PU & RIH w/ 4 3/4" bit, 6 - 3.5" DC's on 2 7/8" workstring, Tag @ 2019'.

RU Swivel, Start air, establish circulation. Pumping 1200 cfm, 10 bwph mist, PSI built to 450, well started unloading fluid, PSI fell to 250 psi

PU Swivel, Clean out sand to 2139', Drill Cmt from 2139-49, Drill CCR from 2149-51, Drill Cmt from 2151 to 2217, fell thru, RIH, tag CBP @ 2849', circ clean Recovering frac sand, 1 cup/5 gal sample RD swivel, POOH w/ 32 jts tbg. SDFN.

2/21/2015

Check well, SITP - 350 psi, SICP - 400 psi, Open well to flowback tank. RIH w/ bit, to CBP

Start air, Establish circulation @ 450 psi, Pumping 12 bwph mist, Pump sweeps, Sand falling off to trace, Making very little fluid, SD air, Load csg from perfs to CBP w/ 40 bbls. POOH w/ bit, DC's & tbgPU & RIH w/ 5 1/2 fullbore pkr on 2 7/8" tbg, Could not get pkr past 1920', Pkr OD - 4 3/4", Order out 4.5" OD pkr and string mill, Note: Did not see a tight spot when pulling 4 3/4" bit. POOH w/ pkr and tbg

Kill well w/ 15 bbls, RiH w/ 4.5" OD Fullbore, Set pkr @ 2003'

Test below pkr to CBP @ 2851, Slow bleedoff, repair surface leaks, retest, put on chart and tested to 600 psi. Chart showed gain from 600 to 635. Temp. TBGPULL. Release pkr, POOH. SDFN 2/22/2015

Check well, SICP - 400 psi, Bleed well to tank. Kill well w/ 20 bbls, RIH w/ 4.5" OD Fullbore pkr, set pkr @ 2003' on 63 jts Fill tbg, Test casing from 2003 to 2851' on chart, Test witnessed by Paul Wiebe w/ NMOCD, Tested to 680 psi, PSI rose to 710 psi, State Passed test. Bleed down. Release pkr, POOH, LD Pkr.

RIH w/ 4 3/4" bit, 6 3.5" DC's. Tag fill @ 2824', RU Power Swivel

Start air, attempt to establish circ, press up to 2500 psi, tbg plugged, Found DC's full of cement chips, LD DC's RIH w/ 4 3/4" bit, x-o on 2 7/8"tbg, Tag fill

Start air, Establish circ, Clean out from 2824' to CBP @ 2851, Drill out CBP, Circ clean Swivel in, Retag @ 4516', Clean out to PBTD - 4538', Circ clean. Kill well w/ 15 bbls, RD Swivel, POOH w/ 43 stands, Secure well, SDFN 2/24/2015

Check well, SITP - 350 psi, SICP - 350 psi, Open well to flowback tank. RIH w/ bit, Tag for fill @ PBTD-4538. POOH, LD 144 jts 2 7/8" workstring, bit. Swap out strings, Load 2 3/8 prod tbg on racks, tally same, change out rams and handling equipment to 2 3/8". PU & RIH w/ SN, 6' Pup Jt, 123 Jts 2 3/8, 4.7#, L-80 EUE tbg, 13 jts 2 3/8 L-80 w/ cap string banded on outside, Hangar, Land Hangar, EOT-4366.14, 418' cap string banded to tbg. RD Floor, tongs, ND BOP's, Annular, Pipe and Blinds, NU WH, Test void to 1500 psi, Test good.

2/27/2015

RDMO.



### **Wellbore Schematic**

	1A	Flad Name Blanco Mesa Verde					Business Unit Mid-Continent				
	Land - Original	i Hole, 3/2/2015 8:08:05 AM	Job Details			Y					
MD	minus commence to a commence of the commence o	and the second s	Job Category								iase Date
H)	Ve	rtical schematic (actual)	Major Rig Wo	rk Over (M	IRWO)		12/11	/2014		2/24/2015	
			Casing String	gs							
0.0		Tubing Hanger; 12-13; 0.80; 7 1/16;	Cag Des		OD (lin)	58.00	Len (lib/ft)	~	rade	Top Thread	Set De (MD) (ft)
121		0.000; 2-1 Casing Hanger; 12-13; 1.20; 5 1/2;	Surface	•		5/8	32.00	-	auc.	LTC 8	(mo) (m
124		4.950; 2-1	Production C	aring	5		15.50	J-55		LTC 8R	4
121		Casing Joint; 12-335; 323.00; 8 5/8; 77.906; 1-1	Tubing Strin	-		172	10.00	10-00		LIGUIL	7,
		Tubling-w/ cap string banded: 13-430;	Tubing - Pro		t at 4 36	S 4ftOT	H on 4/4	/2015 1	13.00		
995.0		417.41, 230, 1995, 2-2	Tubing Description	uuction sc	it at 4100	no. IIIO I	Run Date		String La	ing th (ft)   Set D	epth (MD)
1984	***************************************		Tubing - Prod	luction			1/1/2	2015		4,354.14	4,3
550.1	The Last Last		and the second second second second	item Des		Uts	OD (in)	VVI (IID/II)	Grade		Btm (ft0)
L+6.0			Tubing Hang				7 1/16			0.80	
			Tubing-w/ cap	p string bar	nded	13	100000000000000000000000000000000000000	4.70		417.41	4
190.1			Tubing			123	2 3/8	4.70		3,928.70	4,3
661.1		medic or actional basis both hold of the boulear tool are early	Tubing Pup J			1	2 3/8	4.70	L-80	6.13	4,3
7999	7 1		Pump Seating	Nipple			2 3/8			1.10	4,3
290.0			Perforations								
		Shaped Charge; 1,290-1,291; 12/15/2014				Shot Dens	SCHOOL STREET,	ed Shot			
.091.0			Date	Top (flOTH)	Btm (flOT)	f) (shots/	tt) To	itali .		Zone & Comple	Ton
7207		Shaped Charge: 1,720-1,721;	12/15/2014	1,290.0	1,291		.0	6			
721.1		1/10/2015	1/10/2015	1,720.0	1,721	1000	.0	6			
784.1			1/6/2015	1,860.0	1,861	000	.0	6		part services and	
			12/17/2014	1,900.0	1,901	0 6	.0	6			
AZRA		Shaped Charge; 1,860-1,861;	1/22/2015	1,915.0	1,930	.0 4.	.0	60	Fruitlar	nd Coal, Origin	nal Hole
440.8		1/5/2015	1/22/2015	1,940.0	1,955	0 4	.0		CONTRACTOR OF THE STATE OF THE	nd Coal, Origin	A CONTRACTOR OF THE PARTY OF TH
44+4		AND IN HERE AS DESCRIPTION OF THE SECOND STATE	1/22/2015	1,970.0	1,984	2000	.0	56 F	Fruitlar	nd Coal, Origin	nal Hole
444.0		and the transfer of the second	12/15/2014	2,200.0	2,201	.0 6.	.0	6			
900.9		Shaped Charge; 1,900-1,901; 12/17/2014	4/2/2008	2,972.0	3,144.	10/8				i, Original Hole	
	last sol	The same is the same of the sa	7/28/2000	3.916.0	4.103.	0 2.	0	32 1	Marque	erde, Original I	Jala
				3,510.0	7,100.				SECTION AND DESIGNATION OF		THE REAL PROPERTY AND ADDRESS OF THE PARTY AND
1.818.0		Shaped Charge; 1,915-1,930;	7/28/2000	4,164.0	4,480				SECTION AND DESIGNATION OF	erde, Original I	THE REAL PROPERTY.
8184		Shaped Charge; 1,915-1,930; 1/22/2015	7/28/2000 Other Strings	4,164.0	4,480.	0 2.	.0		SECTION AND DESIGNATION OF	erde, Original I	NAME OF TAXABLE PARTY.
8184 8801		1/22/2015	7/28/2000 Other Strings Run Date	4,164.0 8 Pull Da	4,480 te Si	0 2. et Depth (fic	0 (тн)		SECTION AND DESIGNATION OF		THE REAL PROPERTY AND ADDRESS OF
18150 18101 18100			7/28/2000 Other Strings Run Date 1/15/2015	4,164.0 8 Pull Da 1/16/2015	4,480 te Si	0 2. et Depth (fic	.0		SECTION AND DESIGNATION OF	erde, Original I	THE REAL PROPERTY AND ADDRESS OF
9150 9901 9400		1/22/2015 Shaped Charge; 1,940-1,955;	7/28/2000 Other Strings Run Date	4,164.0 8 Pull Da 1/16/2015	4,480.	0 2. et Depth (ft0 1,73	0 (тн)		SECTION AND DESIGNATION OF	erde, Original I	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND
9150 9501 9501		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole	4,164.0 8 Pull Da 1/16/2015	4,480. te Si	0 2. et Depth (#0 1,73	OTH) 34.0	28 1	SECTION AND DESIGNATION OF	erde, Original I	Hole
18184 1800 T		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String	4,164.0 8 Pull Dat 1/16/2018	4,480.	0 2.  at Depth (ft0 1,73	0 34.0 Run Date 24/2015	28 1	Mesave	Com Co	Hole m
8154 8801 8800 8851 8701		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Dase Cap String Cmt on top of	4,164.0 8 Pull Dat 1/16/2018	4,480.	0 2.  at Depth (ft0 1,73	OTH) 34.0	28 1	Mesave	Com Com Com	Hole m
8184 8201 8400 8581 8701 8408		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/2/15/2014 Casing Joint; 13-4,538; 4,524,81; 5	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4	4,164.0 8 Pull Dat 1/16/2018 3 Top (ft	4,480.	0 2.  at Depth (fit) 1,73  Bitm 0TH) 418.0 2/	0 (TH) (34.0 (Run Date 24/2015 (11/2015	28 I	Mesave	Com	m CR after
\$150 \$400 \$400 \$55 \$701 \$400 \$200 \$200		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 5 1/2" Compo	4,164.0 s Pull Dai 1/16/2018 Top (ft	4,480.	0 2.  at Depth (fit) 1,73  Bitm 0TH) 418.0 2/	0 34.0 Run Date 24/2015	28 I	Mesave	Com Com Com	m CR after
815.0 890.7 890.0 855.4 870.4 890.9 890.9		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/21/5/2014 Casing Joint; 13-4,538; 4,524,81; 5  1/2, 4,950; 2-2	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4	4,164.0 s Pull Dai 1/16/2018 Top (ft	4,480.	0 2.  at Depth (fit) 1,73  Bitm 0TH) 418.0 2/	0 (TH) (34.0 (Run Date 24/2015 (11/2015	28 I	Mesave	Com	m CR after
8186 - 820 -		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/21/5/2014 Casing Joint; 13-4,538; 4,524,81; 5 / 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer,	4,164.0 s Pull Dai 1/16/2018 3 Top (ft 1,65 site 1,65	4,480.	0 2.  at Depth (#0  1,73	0 (TH) (34.0 (Run Date 24/2015 (11/2015	28 I	Mesave	Com	m CR after
815.0 850.7 850.0 855.7 870.7 860.8 200.7 200.7	<b>数</b> 体	1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014  Casing Joint; 13-4,538; 4,524,81; 5 1/24,950; 2-2 Tubing; 430-4,559; 3,928,70; 2,36;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Dase Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015	4,164.0 s Pull Dai 1/16/2015 Top (ft 1,65	4,480.  4,480.  6 Signature	2. st Depth (ff0 1,73 stm 27H) 418.0 2/694.0 1/7721.0 1/7	O (TH) (34.0)  Run Date (24/2015) (11/2015) (10/2015)	28   Pull 1/11//	Date (2015)	Com	m CR after
818.0 860.0 852.1 870.1 860.0 860.0 860.0 860.0 860.0 860.0 860.0 860.0 860.0 860.0		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/21/5/2014 Casing Joint; 13-4,538; 4,524,81; 5 / 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Das Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm	4,164.0 s Pull Dai 1/16/2015 Top (ft 1,65	4,480.  4,480.  6 Signature	2. st Depth (ff0 1,73 stm 27H) 418.0 2/694.0 1/7721.0 1/7	O   O   O   O   O   O   O   O   O   O	28 1 Pull 1/11// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1// 1/1// 1/1// 1/1// 1/	Date (2015)	Com	m CR after
8+84 8400 822+ 870+ 8200 822- 870+ 8200 820+ 1288 872+ 1280 872+	<b>数</b> 体	1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/21/5/2014 Casing Joint; 13-4,538; 4,524,81; 5 / 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Date Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm	4,164.0 s Pull Dat 1/16/2018 s Top (ft 1,68 site 1,68 1,73	4,480.  te Si  OTH) (no.0 4  92.0 1,6  94.0 1,7  34.0 1,7	0 2.  at Depth (#0 1.73  btm 0 1.73  btm 0 1.73  con 1.7	O   O   O   O   O   O   O   O   O   O	28   1   Pull   1/11// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1/1// 1// 1/1// 1//	Mesave 11 Date 12015 12015 12015 12015	com  Com  Com  Com  Comt left on Consqueeze job  Halliburton Constant left on Consqueeze job  Constant left on Consqueeze	m CR after CR,#4
5150 5150 5150 5150 5150 5150 5150 5150		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/21/5/2014 Casing Joint; 13-4,538; 4,524,81; 5 / 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 1,73 t 1,78	4,480.  te Si  OTH) (http://doi.org/10.00/14.00/	0 2.  at Depth (no. 1,73  btm 07th) 1418.0 2/ 594.0 1/ 696.0 1/ 721.0 1/ 737.0 1/	Run Date 224/2015 111/2015 115/2015 115/2015	28 1 1/11/2 1/11/2 1/11/2 1/16/2	Date	com  Com  Com  Com  Comt left on Consqueeze job  Halliburton Constant left on Consqueeze job  Balanced Com	m CR after CR,#4
9150 9150		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/21/5/2014 Casing Joint; 13-4,538; 4,524,81; 5 / 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Date Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 1,73 t 1,78	4,480.  te Si  OTH) (http://doi.org/10.00/14.00/	0 2.  at Depth (no. 1,73  btm 07th) 1418.0 2/ 594.0 1/ 696.0 1/ 721.0 1/ 737.0 1/	Run Date 24/2015 111/2015 15/2015	28 1 1/11/2 1/11/2 1/11/2 1/16/2	Mesave 11 Date 12015 12015 12015 12015	com  Com  Com  Com  Comt left on Consqueeze job  Halliburton Consqueeze job  Halliburton Consqueeze job  Frac pkr on 3	m CR after CR, # 4
173.0 173.0 170.1 17		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/2/15/2014 Casing Joint; 13-4,538; 4,524,81; 5 1/12, 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/6; 1,995; 2-3  Perf; 2,972-3,144; 4/2/2008	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Date Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 1,73 t 1,78 1,80	4,480.  te Si  OTH) (http://doi.org/10.00/14.00/	0 2.  at Depth (no. 1,73  btm 07th) 1418.0 2/  594.0 1/  721.0 1/  737.0 1/  8882.0 1/  810.0 1/	Run Date 224/2015 111/2015 115/2015 122/2015	28 1 Pull 1/11// 1/11// 1/16// 1/16// 2/20//	Mesave    Date    2015     2015     2015     2015     2015	com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm  Frac pkr on 3 fracstring	m CR after CR, # 4
13.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014  Casing Joint; 13-4,536; 4,524,81; 5 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3  Pert; 2,972-3,144; 4/2/2008	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Date Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 51/2" Pkr, 1/16/2015 Balanced Cm Plug 51/2" Hornet 1/22/15 Pkr squeeze 0	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 t 1,73 t 1,78 t 1,80 cmt 1,84	4,480.  te Si  OTH) (http://doi.org/10.00/14.00/	0 2.  at Depth (no. 1,73  btm 07th) 1418.0 2/ 594.0 1/ 737.0 1/ 737.0 1/ 882.0 1/ 882.0 1/ 882.0 1/	Run Date 224/2015 111/2015 115/2015 122/2015 113/2015 113/2015	28 1 Pull 1/11// 1/11// 1/16// 1/16// 1/14//	Mesave   Date	com  Com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm Frac pkr on 3 fracstring Cmt in csg	m CR after CR, # 4
1750 1750		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 12/15/2014 Casing Joint; 13-4,538; 4,524,81; 5 1/12: 4,950; 2-2  Tubing; 430-4,359; 3,928,70; 2 3/8; 1,996; 2-3  Part; 2,972-3,144; 4/2/2008  Pert; 3,916-4,103; 7/28/2000  Tubing Pup Joint; 4,359-4,365; 5,13; 2	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cmt 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze ( Cmt on top of	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 t 1,73 t 1,78 t 1,80 cmt 1,84	4,480.  te Si  OTH) (http://doi.org/10.00/14.00/	0 2.  at Depth (no. 1,73  btm 07th) 1418.0 2/  594.0 1/  721.0 1/  737.0 1/  8882.0 1/  810.0 1/	Run Date 224/2015 111/2015 115/2015 122/2015 113/2015 113/2015	28 1 Pull 1/11// 1/11// 1/16// 1/16// 1/14//	Mesave    Date    2015     2015     2015     2015     2015	Com  Com  Com  Com  Comt left on Come squeeze job  Halliburton Come balanced Commerce processes for the commerce processes for th	m CR after CR, # 4
#20 #20 #20 #20 #20 #20 #20 #20 #20 #20		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014  Casing Joint; 13-4,538; 4,524,81; 5 1/2; 4,950; 2-2 Tubing; 490-4,359; 3,928,70; 2,3/8; 1,995; 2-3  —Pert; 2,972-3,144; 4/2/2008  —Pert; 3,916-4,103; 7/28/2000  —Publing Pup Joint; 4,359-4,955; 6,13; 2,3/8; 1,995; 2-4	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 site 1,73 st 1,75 st 1,86 cmt 1,84 st 1	4,480.  16 Signature  17 October 1 (in the second s	1,73  Bitm   1,73	Run Date 24/2015 11/2015 15/2015 12/2015 13/2015 17/2015	28 1 Pull 1/11// 1/11// 1/16// 2/20// 1/14// 1/11//	Mesave   Date    2015    2015    2015    2015    2015    2015    2015    2015	com  Com  Com  Com  Comt left on Come squeeze job  Halliburton Come balanced Commerce processes for the composition of the comp	m CR after CR, # 4
750 750 750 750 750 750 750 750 750 750		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 12/15/2014 Casing Joint; 13-4,538; 4,524,81; 5 1/12: 4,950; 2-2  Tubing; 430-4,359; 3,928,70; 2 3/8; 1,996; 2-3  Part; 2,972-3,144; 4/2/2008  Pert; 3,916-4,103; 7/28/2000  Tubing Pup Joint; 4,359-4,365; 5,13; 2	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cmt 51/2" Pkr, 1/16/2015 Balanced Cmplug 51/2" Hornet 1/22/15 Pkr squeeze ( Cmt on top of CCR # 3 51/2" Compo	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 t 1,79 t 1,80 cmt 1,84 site 1,88 site 1,8	4,480.  16 Signature  17 October 1 (in the second s	0 2.  at Depth (no. 1,73  btm 07th) 1418.0 2/ 594.0 1/ 737.0 1/ 737.0 1/ 882.0 1/ 882.0 1/ 882.0 1/	Run Date 24/2015 11/2015 15/2015 12/2015 13/2015 17/2015	28 1 Pull 1/11// 1/11// 1/16// 2/20// 1/14// 1/11//	Mesave   Date	Com  Com  Com  Com  Comt left on Come squeeze job  Halliburton Come balanced Commerce processes for the commerce processes for th	m CR after CR, # 4
13.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014 Casing Joint; 13-4,538; 4,524.81; 5 /1/2; 4,950; 2-2 Tubing; 490-4,359; 3,928.70; 2,3/6; 1,995; 2-3  Perf; 2,972-3,144; 4/2/2008  Perf; 3,916-4,103; 7/28/2000 Tubing Pup Joint; 4,359-4,365; 5,13; 2,3/6; 1,995; 2-4 Pump Seating Nipple; 4,365-4,365;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole Des Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3	4,164.0 s Pull Date 1/16/2018 s Top (th 1,68 site 1,68 t 1,79 t 1,80 cmt 1,84 site 1,88 site 1,8	4,480.  16 Signature  17 October 1 (in the second s	1,73  Bitm   1,73	Run Date 24/2015 11/2015 15/2015 12/2015 13/2015 17/2015	28 1 Pull 1/11// 1/11// 1/16// 2/20// 1/14// 1/11//	Mesave   Date    2015    2015    2015    2015    2015    2015    2015    2015	com  Com  Com  Com  Comt left on Come squeeze job  Halliburton Come balanced Commerce processes for the composition of the comp	m CR after CR, # 4
915.0 910.0 910.0 910.1 91		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014 Casing Joint; 13-4,538; 4,524.81; 5 /1/2; 4,950; 2-2 Tubing; 490-4,359; 3,928.70; 2,3/6; 1,995; 2-3  Perf; 2,972-3,144; 4/2/2008  Perf; 3,916-4,103; 7/28/2000 Tubing Pup Joint; 4,359-4,365; 5,13; 2,3/6; 1,995; 2-4 Pump Seating Nipple; 4,365-4,365;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Dase Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cmt 51/2" Pkr, 1/16/2015 Balanced Cmplug 51/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 51/2" Compo Cmt Retainer,	4,164.0 s Pull Day 1/16/2018 3 Top (th 1,68 1,73 t 1,86 1,73 t 1,86 Cmt 1,84 site 1,88	4,480.  16 Sept.  16 Sept.  17 On 4 Sept.  18	1,73  Bitm   1,73	Run Date 24/2015 11/2015 15/2015 13/2015 7/2015 7/2015	28 1 Pull 1/11// 1/11// 1/16// 2/20// 1/14// 1/11//	Mesave  1 Date  2015  2015  2015  2015  2015  2015  2015  2015	com  Com  Com  Com  Comt left on Come squeeze job  Halliburton Come balanced Commerce processes for the composition of the comp	m CR after CR, # 4
8120 8000 8000 8000 8000 8000 8000 8000		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014 Casing Joint; 13-4,538; 4,524.81; 5 /1/2; 4,950; 2-2 Tubing; 490-4,359; 3,928.70; 2,3/6; 1,995; 2-3  Perf; 2,972-3,144; 4/2/2008  Perf; 3,916-4,103; 7/28/2000 Tubing Pup Joint; 4,359-4,365; 5,13; 2,3/6; 1,995; 2-4 Pump Seating Nipple; 4,365-4,365;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Date Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 3	4,164.0 s Pull Day 1/16/2018 3 Top (ft 1,68 1,73 t 1,86 Cmt 1,84 site 1,88	4,480.  16 Si  16 Si  17 (In the second seco	882.0 1/8852	Run Date 24/2015 11/2015 15/2015 13/2015 7/2015 7/2015	28 1 Pull 1/11// 1/11// 1/16// 1/16// 1/16// 1/11// 1/11// 1/11// 1/11//	Mesave    Date     2015     20	com  Com  Com  Com  Comt left on Come squeeze job  Halliburton Come balanced Commerce processes for the composition of the comp	em t Plug 1/2 CR after CR,# 3
17.5.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0 17		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Snaped Charge; 2,200-2,201; 2/15/2014  Casing Joint; 13-4,538; 4,524,81; 5 1/2; 4,580; 2-2  Tubing; 430-4,359; 3,928,70; 2 3/6; 1,995; 2-3  Pert; 2,972-3,144; 4/2/2008  Pert; 3,916-4,103; 7/28/2000  Tubing Pup Joint; 4,359-4,965; 6,13; 2 3/6; 1,995; 2-4  Pump Seating Nipple; 4,355-4,365; 1,10; 2 3/6; 1,780; 2-5	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Des Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 51/2" Pkr, 1/18/2015 Balanced Cm Plug 51/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 51/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 3 51/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 2	4,164.0 s Pull Da 1/16/2018 s Top (th 1,69 s) site 1,69 1,73 1,80 Cmt 1,84 1,85 1,87 1,87 1,87 1,87 1,87 1,87 1,87 1,87	4,480.  4,480.  16 Sept.  16 OTH) (filt of the content of the cont	882.0 1/8852	Run Date 24/2015 11/2015 15/2015 13/2015 17/2015 77/2015	28 1 1/11// 1/11// 1/16// 1/16// 1/11// 1/11// 1/11//	Mesave    Date     2015     20	com  Com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm  Frac pkr on 3 fracstring  Cmt in csg  Cmt left on C squeeze job  Halliburton C	em t Plug 1/2 CR after CR,#3
8184 8201 8400 8581 8701 8408		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 12/15/2014 Casing Joint; 13-4,538; 4,524,81; 5 1/12, 4,950; 2-3  Tubing; 430-4,359; 3,928,70; 2,3/8; 1,996; 2-3  Part; 2,972-3,144; 4/2/2008  Pert; 3,916-4,103; 7/28/2000  Tubing Pup Joint; 4,359-4,355; 6,13; 2,3/6; 1,995; 2-4  Pump Sasting Nipple; 4,955-4,366; 1,10; 2,3/8; 1,780; 2-5  Float Coillar; 4,538-4,539; 1,21; 5,1/2; 4,950; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Des Cap String Cmt on top of CCR # 4 51/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 51/2" Pkr, 1/16/2015 Balanced Cm Plug 51/2" Hornet 1/22/15 Pkr squeeze 0 Cmt on top of CCR # 3 51/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 3 51/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 2 51/2" Compo	4,164.0 s Pull Da 1/16/2018 s	4,480.  4,480.  16 Si  50 OTH) (fit (n)  0.0 4  92.0 1,i  94.0 1,i  92.0 1,i  92.0 1,i  92.0 1,i  92.0 1,i  92.0 1,i  93.0 1,i  94.0 1,i  94.0 1,i  95.0 1,i  96.0 1,i  97.0 1,i  97.0 1,i  97.0 1,i  97.0 1,i  97.0 1,i	1,73  Bitm   1,73  Bitm   2,7  Bitm   77  Bi	Run Date 24/2015 11/2015 15/2015 13/2015 17/2015 77/2015	28 1 Pull 1/11// 1/11// 1/11// 1/16// 1/16// 1/16// 1/11// 1/11// 1/11// 1/11//	Mesave    Date     2015     20	com  Com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm Frac pkr on 3 fracstring Cmt in csg Cmt left on C squeeze job  Halliburton C	em t Plug 1/2 CR after CR,#3
13.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014  Casing Joint; 13-4,538; 4,524,81; 5 /1/2; 4,950; 2-2 Tubing; 490-4,359; 3,928,70; 2,3/8; 1,995; 2-3  —Pert; 2,972-3,144; 4/2/2008  —Pert; 3,916-4,103; 7/28/2000  Tubing Pup Joint; 4,359-4,555; 6,13; 2,3/8; 1,995; 2-4  Pump Seating Nipple; 4,955-4,356; 1,10; 2,3/8; 1,780; 2-5  Float Collar; 4,536-4,539; 1,21; 5,1/2;	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Des Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/1/2015 Squeezed Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/1/2015 Squeezed Cmt on top of CCR # 2 5 1/2" Compo Cmt Retainer, 1/1/2015	4,164.0 s Pull Da 1/16/2018 s	4,480.  4,480.  16 Si  50 OTH) (fit (n)  0.0 4  92.0 1,i  94.0 1,i  92.0 1,i  92.0 1,i  92.0 1,i  92.0 1,i  92.0 1,i  93.0 1,i  94.0 1,i  94.0 1,i  95.0 1,i  96.0 1,i  97.0 1,i  97.0 1,i  97.0 1,i  97.0 1,i  97.0 1,i	1,73  Bitm   1,73  Bitm   2,7  Bitm   77  Bi	Run Date 24/2015 11/2015 15/2015 17/2015 7/2015 2/19/2014	28 1 Pull 1/11// 1/11// 1/11// 1/16// 1/16// 1/16// 1/11// 1/11// 1/11// 1/11//	Mesave    Date     2015     20	com  Com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm Frac pkr on 3 fracstring Cmt in csg Cmt left on C squeeze job  Halliburton C	em t Plug 1/2 CR after CR,#3
		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/2/15/2014  Casing Joint; 13-4,538; 4,524,81; 5 1/12: 4,850; 2-3  Tubing; 430-4,359; 3,928,70; 2,3/6; 1,996; 2-3  Pert; 2,972-3,144; 4/2/2008  Pert; 2,972-3,144; 4/2/2008	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Des Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015	4,164.0 s Pull Date 1/16/2018 s Top (th 1,65 site 1,65 site 1,73 t 1,73 t 1,86 site 1,88 site 1,	4,480.  100TH) (100TH)	1,73  Bitm	Run Date 24/2015 11/2015 10/2015 15/2015 15/2015 17/20	28 1 1/11/2 1/11/2 1/11/2 1/16/2 1/16/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2	Mesave    Date     2015     20	com  Com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm Frac pkr on 3 fracstring Cmt in csg Cmt left on C squeeze job  Halliburton C	em t Plug 1/2 CR after CR,#3
		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/215/2014  Casing Joint; 13-4,538; 4,524,81; 5 1/2; 4,950; 2-2 Tubing; 430-4,359; 3,928,70; 2,3/8; 1,995; 2-3  —Pert; 2,972-3,144; 4/2/2008  —Pert; 3,916-4,103; 7/28/2000  Tubing pup Joint; 4,359-4,955; 6,13; 2,3/8; 1,995; 2-4  —Pump Seating Nipple; 4,965-4,366; 1,10; 2,3/8; 1,780; 2-5  Float Collar; 4,538-4,539; 1,21; 5,1/2; 4,990; 2-3  Casing Joint; 4,539-4,584; 44,51; 5,1/2, 4,950; 2-3  Casing Joint; 4,539-4,584; 44,51; 5,1/2, 4,950; 2-3  Casing Joint; 4,539-4,584; 44,51; 5,1/2, 4,950; 2-3	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Des Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 2 5 1/2" Compo Cmt Retainer, 1/2/18/2014 Squeezed Cm	4,164.0 s  Pull Date 1/16/2018 s  Top (ft	4,480.  18 Signature  19 Signature  10 Signa	2. at Depth (#00 1.73 at Depth (	Run Date 224/2015 10/2015 15/2015 15/2015 17/2	28 1 Pull 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2	Mesave    Date     2015     20	Com  Com  Com  Com  Com  Com  Com left on Com  Squeeze job  Halliburton Com  Frac pkr on 3 fracstring  Com tin csg  Com ti	em t Plug 1/2 CR after CR,#3 CR after CR,#2
13.0 10.1 10.0 10.0 10.0 10.0 10.0 10.0		1/22/2015  Shaped Charge; 1,940-1,955; 1/22/2015  Shaped Charge; 1,970-1,984; 1/22/2015  Shaped Charge; 2,200-2,201; 1/2/15/2014  Casing Joint; 13-4,538; 4,524,81; 5 1/12: 4,850; 2-3  Tubing; 430-4,359; 3,928,70; 2,3/6; 1,996; 2-3  Pert; 2,972-3,144; 4/2/2008  Pert; 2,972-3,144; 4/2/2008	7/28/2000 Other Strings Run Date 1/15/2015 Other In Hole  Des Cap String Cmt on top of CCR # 4 5 1/2" Compo Cmt Retainer, 1/10/2015 Squeezed Cm 5 1/2" Pkr, 1/16/2015 Balanced Cm Plug 5 1/2" Hornet 1/22/15 Pkr squeeze (Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015 Squeezed Cm Cmt on top of CCR # 3 5 1/2" Compo Cmt Retainer, 1/7/2015	4,164.0 s Pull Date 1/16/2018 s Top (th 1,69 site 1,69 site 1,73 site 1,86 site 1,88 s	4,480.  18 Signature  19 Signature  10 Signa	2. at Depth (#00 1.73 at Depth (	Run Date 24/2015 11/2015 10/2015 15/2015 15/2015 17/20	28 1 Pull 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2 1/11/2	Mesave    Date     2015     20	com  Com  Com  Com  Com left on C squeeze job  Halliburton C  2.5 bbl FineC Balanced Cm Frac pkr on 3 fracstring Cmt in csg Cmt left on C squeeze job  Halliburton C	em t Plug 1/2 CR after CR,#3 CR after CR,#2



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

#### MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 2/23/2013	Operator Four Star	API # 30-0 <u>45- 30204</u>
Property Name Blanco	Well # 1A	Location: Unit O Sec 1 Twn 2)Rge 9
Land Type:  State Federal Private Indian	RECEIVED FEB 2 3 2015 NMOCD	water Injection  Salt Water Disposal  Gas Injection  Producing Oil/Gas  Pressure obervation
Temporarily Abandoned Well (Y/	OISTRICT III  N): NO TA Exp	ires:
Casing Pres.  Bradenhead Pres.  Tubing Pres.  Int. Casing Pres.	Tbg. SI Pres. Tbg. Inj. Pres.	
Pressured annulus up to & &c	0 psi. for 30	mins. Test passed failed
REMARKS: Packes at	2003 Bridge Plug à	t 2851 Perfs at 1990 setting packer and
topping off well		setting packer and
	· · · · · · · · · · · · · · · · · · ·	
By O Bar (Operator Representative	Witness Paul	(NMOCD)
Too Pusher (Position)	<del></del>	Revised 02-11-02

