

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-045-31932
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name RANDLEMAN
8. Well Number 1B
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde

<p>SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator HILCORP ENERGY COMPANY	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>C</u> : <u>725</u> feet from the <u>North</u> line and <u>2390</u> feet from the <u>West</u> line Section <u>13</u> Township <u>31N</u> Range <u>11W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5862' GL	

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

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/></p>		<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/></p>	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Hilcorp Energy Company P&A'd the subject well on 1/24/2024 per the attached report.

Spud Date:

Rig Release Date:

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

SIGNATURE Tammy Jones TITLE Operations/Regulatory Technician – Sr. DATE 1/25/2024

Type or print name Tammy Jones E-mail address: tajones@hilcorp.com PHONE: (505) 324-5185

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

RANDLEMAN 1B

30.045.31932

PLUG & ABANDONMENT

4/18/2023 - GAVE NOTICE TO MONICA KUEHLING W/NMOCD OF MOVE IN ON 4/17/23. MIRU RIG & EQUIP. CK PRESSURES. SITP = N/A, SICP = 50 PSI, SIICP = 550 PSI, SIBHP = 10 PSI. BDW 2 MINS. ND WH & TREE. NU BOP. NOTE: AFTER INITIAL BD OF SIICP, SHUT IN F/60 MIN, BUILD UP T/25 PSI. BD PRESSURE & SHUT IN F/60 MIN, BUILD T/15 PSI. SIW. SDFN.

4/19/2023 - CK PRESSURES. SITP = N/A, SICP = 0 PSI, SIICP = 95 PSI, SIBHP = 0 PSI. BDW 20 SECONDS. R/U E-LINE. RUN PERF GUN. PERF 2528' T/2536'. R/D E-LINE. M/U TAG SUB, TALLY & P/U W/2-3/8" TBG T/2614'. ATTEMPT INJ RATE INTO PERFS, NEG. HELD 550 PSI. **MIX & PUMP CEMENT PLUG #1, (PICTURED CLIFFS)** 14 SX 1.29 YIELD, 15PPG, BOC @ 2614', TOC @ 2414'. DISPLACE 8.8 BBL. LD 8 JTS T/2357' REVERSE CIRC. ATTEMPT SQUEEZE CMT INTO PERFS, NEG. HELD 550 PSI. MONITORED SIICP DID NOT FLUCUATE DURING PERFING, PRTS, OR CMNTNG. F/07:30 /T/13:00 HRS SIICP BUILT T/25 PSI (4.5 PSI PER HOUR). SIW. SDFN. **CLARENCE SMITH W/NMOCD WITNESSED CMNTING & PRTS.**

4/20/2023 - CK PRESSURES. SITP = 0 PSI, SICP = 0 PSI, SIICP = 75 PSI, SIBHP = 0 PSI. BDW 0 MIN. P/U TBG & TAG TOC @ 2414' (EXPECTED DPTH). L/D 4 JNTS, TOH W/TBG. R/U E-LINE. PJSM / JSA. RUN JET CUTTER. CUT 4-1/2" PROD CSG @ 2345'. TIH W/TBG T/2340'. ATTEMPT ESTABLISH INJ RATE INTO CUT CSG, NEGATIVE. ADD 1 JNT TBG. **CEMENT SQUEEZE #1**, 13 SX, 0.8 YIELD, 12.8PPG, MICROFINE CMT. BOC @ 2373', TOC @ 2319'. CMT IN 4-1/2" ANNULUS = (1/2 BBL). DISPLACE W/8.3 BBL FW (CMT DPTHs CALCULATED BY TOC TAG). L/D 6 JNTS TBG, TOH W/TBG. PRESSURE UP ON 4-1/2" CSG & MAINTAIN 720 T/750 PSI F/3.25 HRS. TIH W/TBG & TAG TOC @ 2319' (46' CMNT SQUEEZED INTO CUT CSG). L/D 3 JNTS TBG. **PUMP CEMENT PLUG #2, (FRUITLAND)**, 10 SX 1.29 YIELD, 15PPG, BOC @ 2234', TOC @ 2084'. DISPLACE W/8 BBL. LD 16 JTS & TOH W/TBG. SIW. SECURE LOC. SDFN. AFTER 32 HRS SIICP HAD BUILT T/90 PSI. @ 15:30 HRS BLEED OFF IN 30 SEC. **JOHN DURHAM W/NMOCD ON LOC & WITNESS ALL OPS.**

4/21/2023 - CK PRESSURES. SITP = 0 PSI, SICP = 0 PSI, SIICP = 40 PSI, SIBHP = 0 PSI. BDW 0 MIN. R/U E-LINE. MAKE JET CUT ON 4-1/2" CSG @ 1756'. R/D E-LINE. TIH W/TAG SUB T/1760'. ATTEMPT ESTABLISH INJ RATE, NEGATIVE. HELD 600 PSI. **PUMP CEMENT SQUEEZE #2**, 13 SX, 0.8 YIELD, 12.8PPG, MICROFINE CMT. BOC @ 1760', TOC @ 1660'. L/D 5 JNTS. TOH W/TBG. PRESSURE UP T/750 PSI. MAINTAIN PRESSURE BETWEEN 730 & 750 PSI (VERY LITTLE BLEED OFF). DID NOT BLEED PRESSURE OFF OF INT CSG. 22 HR BUILD UP T/50 PSI. PRESSURE DID NOT FLUXUATE DURING CUTTING OR SQUEEZING OPS. LEAVE 750 HARD SHUT IN PRESSURE ON PROD CSG. **JOHN DURHAM W/NMOCD WITNESS E-LINE & CMNT OPS.**

4/24/2023 - CK PRESSURES. SITP = N/A PSI, SICP = 0 PSI, SIICP = 135 PSI, SIBHP = 0 PSI. BDW 0 MIN. (DID NOT BLEED INT PRESSURE). TIH W/TAG SUB & TAG TOC @ 1695' (35' BELOW CALC TOC). L/D 2-3/8" WORK STRING. N/D BOP. N/U WH & TREE. SWI. R/D RIG & EQUIP. MOVE OFF LOC. **P&A SUSPENDED - JOHN DURHAM W/NMOCD WITNESSED TOC TAG.**

1/23/2024 - MIRU. CK PRESSURES. SITP = 0 PSI, SICP = 0 PSI, SIICP = 1 PSI, SIBHP = 0 PSI. B/D WELL, 0 MIN. ND WH. NU BOP, TEST & FUNCTION - GOOD. RU RIG FLOOR. MU TAG SUB. PU 34 JTS OF 2.375" WORK STRING OFF TBG TRAILOR. TALLY, STRAP, & RABBIT TBG TO 1077'. DRAIN & WINTERIZE EQUIPMENT. SIW. SDFN.

1/24/2024 - CK PRESSURES. SITP = 0 PSI, SICP = 0 PSI, SIICP = 1 PSI, SIBHP = 0 PSI. B/D WELL, 0 MIN. RU DRAKE ENERGY TO RIG FLOOR. PT PUMP & LINES. LW WITH 3BBLs/FW & PUMP 10BBLs/FW. PT 4.5" CASING TO 600 PSI & PASSED. **PUMP CEMENT PLUG #3 (KRD, OJO TOPS)** 18 SXS 4.2 BBL, 1.37, 14.8#, 6.64 GAL/SX. TOC @ 800', BOC @ 1077'. LD 28 JTS. **PUMP CEMENT PLUG #4 (SURFACE)** 13 SXS 3.1

RANDLEMAN 1B

30.045.31932

PLUG & ABANDONMENT

BBL,1.37, 14.8#, 6.64 GAL/SX. TOC @ 0', BOC @ 206'. LD 6 JTS. WASH OUT BOP OF CEMENT & WASH OUT TBG OF CEMENT. RD RIG FLOOR, ND BOP & NU WH. PREP TO CUT OFF WH (W.O.C.) **(NOTIFIED NMOCD MONICA KUEHLING AND BLM OF RIG MOVE FROM RANDLEMAN 1B TO DUFF GAS COM 1E)** CUT OFF WH,(TOC IN 4.5" 5', 7" INTER 84' & 9-5/8" SURFACE 15') WELD ON P&A MARKER, FILL CASING AND CELLAR WITH 25 SXS CEMENT. RIG DOWN RIG AND EQUIPMENT **(RIG RELEASED @ 16:30 1/24/24)**

(NMOCD REP. THOMAS VERMERSCH ON LOCATION)

Tammy Jones

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, January 23, 2024 8:37 AM
To: Rustin Mikeska
Cc: Clay Padgett; Max Weaver; Lee Murphy; John LaMond; Farmington Regulatory Techs; Brice Clyde - (C); Craig Lingo
Subject: RE: [EXTERNAL] RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Agree

From: Rustin Mikeska <rmikeska@hilcorp.com>
Sent: Tuesday, January 23, 2024 8:36 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Clay Padgett <cpadgett@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>
Subject: RE: [EXTERNAL] RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

Yes, agreed. We propose to execute a top job using poly pipe on the IC and SC annulus after cutting off the wellhead.

Rustin

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Tuesday, January 23, 2024 9:23 AM
To: Rustin Mikeska <rmikeska@hilcorp.com>
Cc: Clay Padgett <cpadgett@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>
Subject: RE: [EXTERNAL] RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Ok – It doesn't look like you have any cement past 100 feet on the log. – looks like a lite cement

From: Rustin Mikeska <rmikeska@hilcorp.com>
Sent: Tuesday, January 23, 2024 8:13 AM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Clay Padgett <cpadgett@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>
Subject: RE: [EXTERNAL] RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

The rig is moving on location today to run tbg in the hole with the expectation to be ready to pump cmt first thing in the morning.

Please advise,

Rustin Mikeska

P&A – Petroleum Engineer
Hilcorp Energy

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Sent: Tuesday, January 23, 2024 9:02 AM

To: Rustin Mikeska <rmikeska@hilcorp.com>

Cc: Clay Padgett <cpadgett@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>

Subject: RE: [EXTERNAL] RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Rustin

You can continue with plugging however, still debating on how to work the plugs

Monica

From: Rustin Mikeska <rmikeska@hilcorp.com>

Sent: Tuesday, January 23, 2024 7:23 AM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Cc: Clay Padgett <cpadgett@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>

Subject: [EXTERNAL] RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Monica – Please review the updated pressure data for the intermediate casing and review our proposal.

January 2024:

- 1/9/2024: Returned ~9 months after April P&A Ops and found SIBHP Opsi, SIICP 67psi, SICP Opsi – no buildup since rig left location 4/2023. Bled off pressure.
- 1/10/2024: SIICP built up 6psi in 24hr – this is significantly lower than prior buildups (review charts and pressure trend data)
- 1/15/2024: SIICP 15psi, SIBHP Opsi, SICP Opsi – Buildup rate is minimal compared to April 2023 buildup rates (review charts and pressure trend data).
- 1/19/2024: Bled off pressure on IC.
- 1/22/2024 7AM: SI intermediate csg valve beginning with Opsi.
- 1/23/2024 7AM: Take pressure readings, SIBHP Opsi, SIICP 1psi, SICP Opsi. We are confident that we have shut off the source of the IC pressure.

Proposal: Based on the data above, we propose to finalize the P&A by setting (2) inside plugs for the OJO/KRD & Surface. We will perform a top job on any annulus as needed after wellhead is cut off.

Thanks,

Rustin Mikeska

P&A Engineer | Technical Services

Cell: (254) 913-6777

Office: (713) 289-2931

rmikeska@hilcorp.com



From: Rustin Mikeska

Sent: Tuesday, January 16, 2024 9:37 AM

To: 'Kuehling, Monica, EMNRD' <monica.kuehling@state.nm.us>

Cc: Clay Padgett <cpadgett@hilcorp.com>; Max Weaver <mweaver@hilcorp.com>; Lee Murphy <lmurphy@hilcorp.com>; John LaMond <jlmond@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Brice Clyde - (C) <Brice.Clyde@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>

Subject: RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

Good morning Monica – Please review the following summary of work performed in April 2023. Hilcorp is proposing to finalize the P&A after successful cement squeeze attempts into the intermediate casing annulus. I have provided IC pressure trends for your review.

Randleman 1B

3004531932

Completed **April 2023** Ops:

1. AOL 4/18/2023: SIICP 550psi, BDW 2min.
2. **Pump Plug #1** as proposed (PC Plug).
 - a. Perf'd @ 2,528' to incorporate a **sqz attempt** with Plug #1.
 - b. Pressured up to 550psi – held. Tag 2,414' suggests no cmt was sqz'd away.
3. **Sqz Attempt #2:** RIH w/ jet cutter, made cut @ 2,345'
 - a. Spot 13sx Finecem (0.8 yield) cement in 4-1/2" csg
 - b. Pressured up to 750psi & bumped to hold pressure. Tag suggest 66' cmt sqz'd away (0.9bbl).
4. **Pump Plug #2** as proposed (FRD Plug).
5. **Sqz Attempt #3:** RIH w/ jet cutter, made cut @ 1,756'
 - a. Spot 13sx Finecem (0.8 yield) cement in 4-1/2" csg
 - b. Pressured up to 750psi & bumped to hold pressure. Tag suggest 55' cmt sqz'd away (0.8bbl).
6. Left all csg strings SI over the weekend.
7. AOL 4/24/2023 to check SIPs – SIBHP Opsi, SIICP 135psi, SICP Opsi. Bled off pressure.
8. Decision to move rig to Larcher 2 until we determine results and a path forward.
9. AOL 4/26/2023 to check SIPs – SIICP built up to 70psi in 48hrs, SIBHP Opsi, SICP, Opsi.

Completed **January 2024:**

- 1/9/2024: Returned ~9 months later and found SIBHP Opsi, SIICP 67psi, SICP Opsi – no continued buildup since rig left location 4/2023. Bled off pressure.
- 1/10/2024: SIICP built up 6psi in 24hr – this is significantly lower than prior buildups (review charts and pressure trend data)
- 1/15/2024: SIICP 15psi, SIBHP Opsi, SICP Opsi – Buildup rate is minimal compared to April 2023 buildup rates (review charts and pressure trend data).

The rig is currently remediating the plug design issue on the Larcher 2 and will finish up within the next 2 days. Please advise on path forward for Randleman 1B.

Thanks again,

Rustin Mikeska

P&A Engineer | Technical Services

Cell: (254) 913-6777

Office: (713) 289-2931

rmikeska@hilcorp.com



From: Rustin Mikeska

Sent: Friday, April 21, 2023 12:28 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>

Cc: Max Weaver <mweaver@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Kandis Roland <kroland@hilcorp.com>; Dana Phillips - (C)

<Dana.Phillips@hilcorp.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>

Subject: RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

Good afternoon Monica – Please see today's planned activity and path forward.

Randleman 1B

3004531932

Today, we have completed the jet cut, attempted injection and spotted cement for squeeze.

1. AOL 4/21/2023. SIICP 40psi – we will leave SI.
2. RIH w/ jet cutter, made cut @ 1,756'
 - a. Pressured up to 600psi – no injection.
3. Spotted 100' Halliburton Finecem from 1,660' – 1,760' in the 4-1/2' csg.
4. Pressured up to 750psi and begin WOC for 4hr. We will squeeze away no more than 0.75bbl cmt (50').
 - a. During WOC time (4hr), we will bump the pressure back up to 750psi as needed.
5. Will perform a hard SI on the production csg & plug with 750psi. We will leave both PC & IC valves SI until Monday, 4/24/2023.
6. Will bleed off pressure Monday to determine results of Jet Cut/Squeeze #2, then contact NMOCD to discuss.

In the meantime, we will rig down and move to the nearby Larcher 2 until we determine results and discuss a path forward for the Ojo/KRD plug & beyond.

Call with any questions/concerns.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer

254-913-6777

Hilcorp Energy

From: Rustin Mikeska

Sent: Thursday, April 20, 2023 11:52 AM

To: 'Kuehling, Monica, EMNRD' <monica.kuehling@state.nm.us>

Cc: Max Weaver <mweaver@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Kandis Roland <kroland@hilcorp.com>; 'Dana Phillips - (C)'

<Dana.Phillips@hilcorp.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>

Subject: RE: Hilcorp P&A Pre-Job Revision: Randleman 1B

Good morning Monica – Please see today's planned activity and approve our path forward.

Randleman 1B

3004531932

We completed the jet cut and are preparing to spot & squeeze away cement.

1. AOL 4/20/2023. SIICP 75psi – we left SI & will bleed off after squeeze attempt.

2. RIH w/ jet cutter, make cut @ 2,345'
 - a. Pressure up to 520psi – no injection.
3. Will spot 100' Halliburton Finecem from 2,265' – 2,365' in the 4-1/2' csg.
4. Will pressure up to 700psi & squeeze away no more than 0.75bbl cmt (50').
 - a. WOC for this cement type is 4hr.
5. Will Pump Regulatory Plug #2 across Fruitland from 2,084' – 2,234' using II/V cement.
6. Will then bleed off ICsg pressure to determine if our jet cut/sqz worked.

Call with any questions/concerns.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer

254-913-6777

Hilcorp Energy

From: Rustin Mikeska

Sent: Wednesday, April 19, 2023 4:00 PM

To: Kuehling, Monica, EMNRD <monica.kuehling@state.nm.us>

Cc: Max Weaver <mweaver@hilcorp.com>; Michael Wissing <mwissing@hilcorp.com>; Clay Padgett <cpadgett@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Kandis Roland <kroland@hilcorp.com>; Dana Phillips - (C) <Dana.Phillips@hilcorp.com>; Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>

Subject: Hilcorp P&A Pre-Job Revision: Randleman 1B

Good afternoon Monica,

As discussed, please see the revision to cement type used & the addition of squeeze perforations to the PC plug. Attached is the original approved NOI & updated Proposed WBD w/ annotations.

Randleman 1B

3004531932

Cement Type & Specs for Regulatory Plugs: Type II/V, 1.29yld, 15ppg, 6.041gpsx mix wtr, neat.

Cement Type & Spec for other squeeze work: Halliburton Finecem, 0.8yld, 13ppg, 4.05gpsx mix wtr, neat.

We added perforations to the PC Plug in an attempt to shut off our intermediate casing communication. This attempt was unsuccessful, see summary below:

1. AOL 4/18/2023. Bleed off 550psi on ICsg in 2min. Monitor pressure BU.
 - a. 25psi in 1hr. Bleed off pressure, monitor pressure BU.
 - b. 10psi in 1hr. Leave SI, monitor overnight.
2. AOL 4/19/2023. Bleed off 95psi on ICsg. Monitor pressure BU
 - a. 5psi in 1hr. Due to "sluggish" pressure BU, will limit number of bleedoffs.
 - b. Perforate 2,528' – 2,536'. No pressure change seen on ICsg.
 - c. Spot 150' cement across PC from 2,464' – 2,614'. PU, reverse out tbq. Apply 550psi to plug in an attempt to sqz – holding, no bleedoff. WOC.
 - d. Will tag TOC 4/20/2023

Tomorrow we plan to tag TOC in place on PC plug, then attempt our first jet cut & squeeze ops in a continued attempt to shut off our intermediate communication.

Thanks,

Rustin Mikeska

P&A – Petroleum Engineer

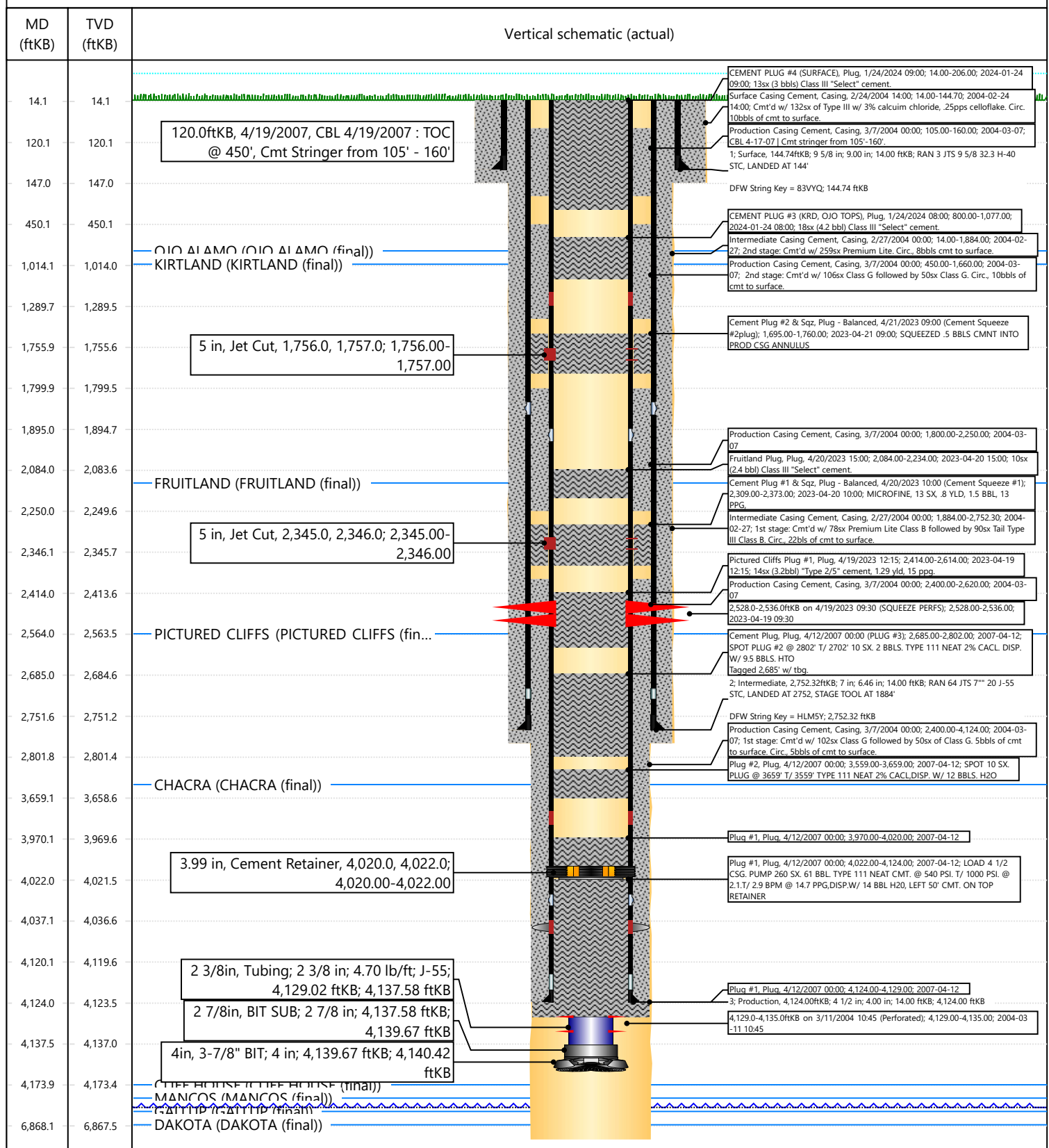


Current Schematic - Version 3

Well Name: RANDLEMAN #1B

API / UWI 3004531932	Surface Legal Location 013-031N-011W-C	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 0302	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 5,862.00	Original KB/RT Elevation (ft) 5,876.00	RKB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [Vertical]



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 307651

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 307651
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 1/24/2024	3/4/2024