

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
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. 30-045-24953
5. Indicate Type of Lease STATE [] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gerk Gas Com B
8. Well Number 1M
9. OGRID Number 372171
10. Pool name or Wildcat Basin Dakota/Blanco Mesaverde
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5552' GL

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.)
1. Type of Well: Oil Well [] Gas Well [X] Other
2. Name of Operator Hilcorp Energy Company
3. Address of Operator 382 Road 3100, Aztec, NM 87410
4. Well Location Unit Letter M : 160 feet from the North line and 790 feet from the West line
Section 19 Township 29N Range 09W NMPM County San Juan

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [X] PLUG AND ABANDON [X]
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: []

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 requests permission to repair the bradenhad or plug and abandon the subject well if the bradenhead repair is unsuccessful. The procedure, current and proposed wellbore schematics are attached.

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 Cherylene Weston TITLE Operations/Regulatory Tech-Sr. DATE 12/22/2020

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 505-564-0779

For State Use Only

APPROVED BY: Amy J. [Signature] TITLE Data Compliance Manager DATE 12/29/20

Conditions of Approval (if any):

Bradenhead Remediation - NOI**Gerk Gas Com B 1M****API # - 3004524953****Procedure:**

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

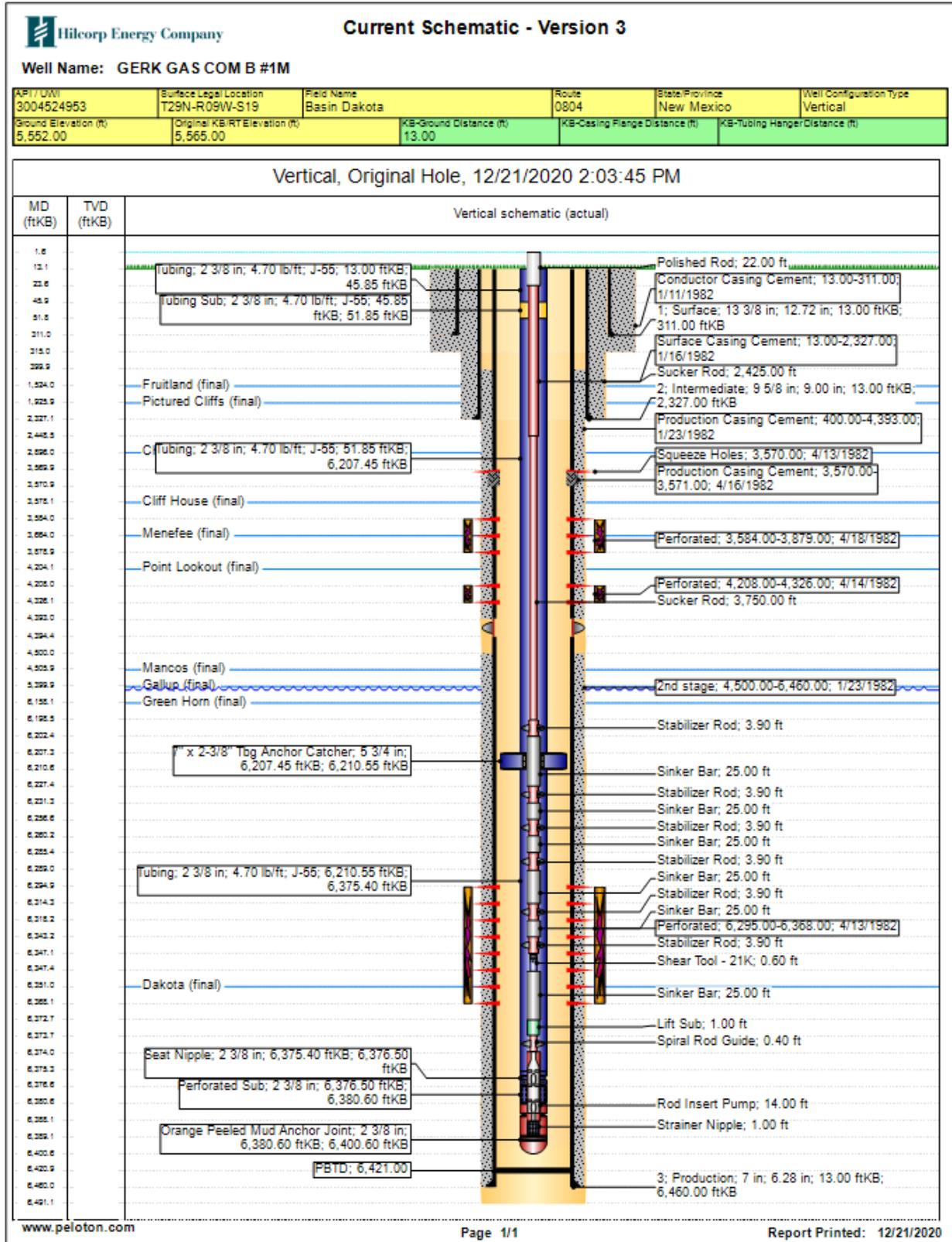
Verify there is no H₂S present prior to beginning operations. If any H₂S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

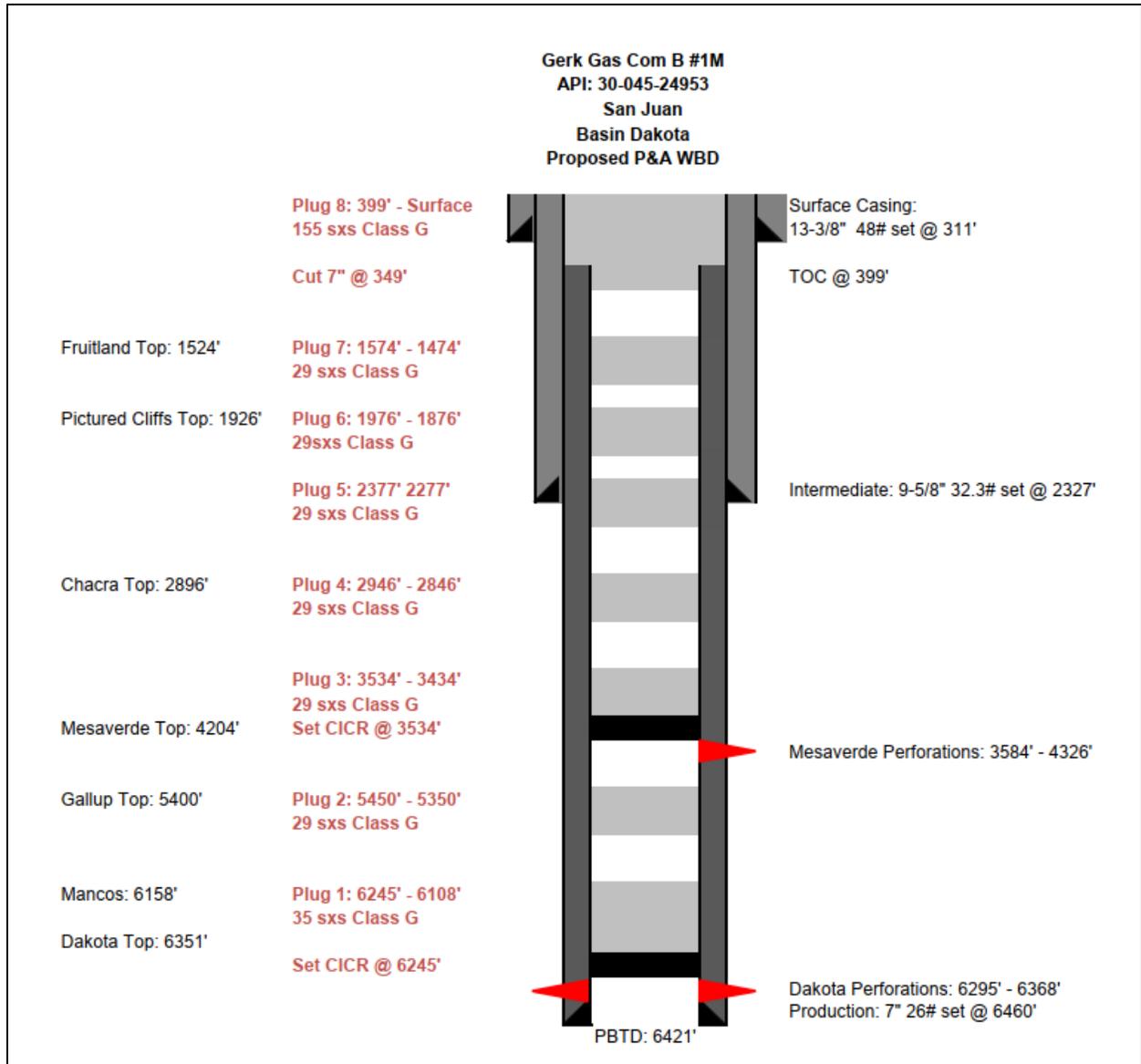
Observe and record pressures across all string daily, prior to beginning operations. **Remember to notify NMOCD 24 hours prior to starting operations on location.**

NOTE: This job is classified as a bradenhead remediation project with a contingency to become a P&A. **Should this job turn into a P&A, this procedure is contingent upon P&A approval by NMOCD.** All cement volumes use 100% excess outside pipe and 50' excess inside (unless otherwise stated). All cement will be Class G, mixed at 15.8 ppg w/ a 1.15 cf/sx yield. The stabilizing wellbore fluid will be an 8.3 ppg fluid, sufficient to balance all exposed formation pressures.

1. This project will use a steel tank to handle waste fluids circulated from the well and cement wash up.
2. Test anchors if not using a base beam. Comply with all NMOCD, BLM, and HEC safety regulations. MIRU and conduct safety meeting for all personnel on location.
3. Record casing, tubing, and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary. Ensure well is dead or on a vacuum.
4. Pull and L/D rods.
5. ND wellhead and NU BOP. Function test BOP. RU floor and 2 3/8" handling tools.
6. Set RBP at 3534' and fill hole with 8.3 ppg fluid. Run CBL to determine TOC behind production casing string. Once taken, notify the engineer and confirm plans. From there we will either make an attempt to squeeze or proceed with P&A. If P&A is the chosen path, proceed with the procedure below.
7. **Plug #1, 6245' – 6108' (Dakota Perforations: 6295' – 6368' Dakota Top 6351' Mancos Top: 6158')** Mix & pump 35 sxs of class G cement and spot plug to cover Dakota perforations, Dakota top and Mancos top. PU and reverse circulate tubing clean.
8. **Plug #2, 5450' - 5350' (Gallup Top: 5400')** Mix & pump 29 sxs of Class G cement and spot a balanced plug to cover the Gallup top. PU and reverse circulate tubing clean.
9. **Plug #3, 3534' – 3434' (Mesaverde Top: 4204' Mesaverde Perforations: 3584' – 4326')** Mix & pump 29 sxs of Class G cement and spot a balanced plug to cover the Mesaverde top and perforations. PU and reverse circulate tubing clean.

10. **Plug #4, 2946' - 2846' (Chacra Top: 2896')** Mix & pump 29 sxs of Class G cement and spot a balanced plug to cover the Chacra top. PU and reverse circulate tubing clean.
11. **Plug #5, 2377' – 2277' (Intermediate Casing Shoe: 2327')** Mix & pump 29 sxs of Class G cement and spot a balanced plug to cover the Intermediate casing shoe. PU and reverse circulate tubing clean.
12. **Plug #6, 1976' - 1876' (Pictured Cliffs Top: 1926')** Mix & pump 29 sxs of Class G cement and spot a balanced plug to cover the Pictured Cliffs top. PU and reverse circulate tubing clean.
13. **Plug #7, 1574' - 1474' (Fruitland Top: 1524')** Mix & pump 29 sxs of Class G cement and spot a balanced plug to cover the Fruitland top. PU and reverse circulate tubing clean.
14. With a tool hand, spear 7" casing.
15. RU WL and jet cut 7" casing 50' above TOC @ 349' (confirm TOC with CBL), RD WL.
16. **Plug #8, 399' – surface (7" Production Stump: 349' Surface Shoe: 311')** Mix and pump 155 sxs of Class G cement and pump a balanced plug until good cement returns to surface. Shut in well and WOC.
17. ND BOP and cut off wellhead below surface casing flange per regulation. Top off w/cement if needed. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location.





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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 12888

CONDITIONS OF APPROVAL

Operator:	HILCORP ENERGY COMPANY	1111 Travis Street	Houston, TX77002	OGRID:	372171	Action Number:	12888	Action Type:	C-103F
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OCD Reviewer	Condition
kpickford	Notify NMOCD 24 Hours Prior to beginning operations
kpickford	Add plug inside/outside 1007'-757'. OCD Kirtland pick @ 957. Ojo Alamo pick @ 807
kpickford	Surface plug inside/outside
kpickford	CBL Required