

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

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(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.)<br>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other |  | WELL API NO.<br>30-045-33533  |
| 2. Name of Operator<br>HILCORP ENERGY COMPANY  |  | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 3. Address of Operator<br>382 ROAD 3100, AZTEC NM 87410  |  | 6. State Oil & Gas Lease No.  |
| 4. Well Location<br>Unit Letter <u>D</u> <u>935</u> feet from the <u>North</u> line and <u>995</u> feet from the <u>West</u> line<br>Section <u>26</u> Township <u>30N</u> Range <u>11W</u> NMPM San Juan County   |  | 7. Lease Name or Unit Agreement Name<br>Hartman   |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>5900' GL   |  | 8. Well Number<br>4   |
|  |  | 9. OGRID Number<br>372171   |
|  |  | 10. Pool name or Wildcat<br>Blanco Mesaverde/Basin Dakota   |

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

| NOTICE OF INTENTION TO:                        |   | SUBSEQUENT REPORT OF:                                 |  |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input type="checkbox"/>      | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input type="checkbox"/>            |  |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |   |   |  |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |   |   |  |
| OTHER: <input type="checkbox"/>                |   | OTHER: <input checked="" type="checkbox"/> Recomplete |  |

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.

Attached please find the subsequent sundry for the recompletion operations.

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  TITLE Operations / Regulatory Technician – Sr. DATE 8/19/2021

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: 346.237.2177

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

Hartman 4  
3004533533  
Lease: FEE  
Recomplete SR

7/10/2021: MIRU HALLIBURTON. RU BASIN WL. **PERF STAGE #1 (POINT LOOKOUT)** INTERVAL WITH 25 SHOTS, 0.34" DIA, 3-1/8" TITAN CHARGE GUN, SELECT FIRE 1 SPF AT 4608', 4621', 4623', 4624', 4626', 4635', 4661', 4663', 4670', 4671', 4688', 4690', 4694', 4701', 4709', 4777', 4780', 4784', 4794', 4796', 4798', 4802', 4804', 4815', 4847'. HAD MISFIRE ON SHOT #23. POOH, REPAIRED RUNS. RIH AND FINISHED. ALL SHOTS FIRED. RU FRAC & N2. LOAD & PRIME EQUIPMENT. TST FLUID LINES TO 4500 PSI, TST GOOD. TST N2 PMP/LINES TO 4500 PSI, TST GOOD. **POINT LOOKOUT STIMULATION:** (4608' TO 4847') SHUT IN PRESSURE: 1,396 PSI FG AT SHUT IN: .817 PSI/FT FRAC ZONE WITH 83,808 GALLONS OF 70 Q #20 GEL FOAM AT 50 BPM. PROPPANT: 143,070 LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 1,082,609 SCF. FLUSH: 44 FOAM BBLs. MAX. RATE: 59 BPM. AVG. RATE: 49 BPM. MAX. PSI: 2,749 PSI. AVG. PSI: 2,509 PSI. MAX. SAND CONC: 3.0 PPG DOWNHOLE. FLUID TO RECOVER: 729 CLEAN BBLs. DUE TO PRESSURE RESPONSE, DOWNHOLE RATE WAS INCREASED TO 60 BPM DURING JOB. RIH W/WL. SET 5 1/2" CFP @ 4560'. **PERF STAGE #2 (MENEFFEE)** INTERVAL WITH 25 SHOTS, 0.33" DIA, 2-3/4" DYNASTAGE FRACTURE GUN, SELECT FIRE 1 SPF AT 4230', 4232', 4235', 4237', 4243', 4245', 4310', 4313', 4315', 4317', 4319', 4346', 4348', 4350', 4400', 4420', 4422', 4441', 4443', 4445', 4452', 4454', 4456', 4536', 4538'. **MENEFFEE STIMULATION:** (4230' TO 4538') SHUT IN PRESSURE: 1,066 PSI. FG AT SHUT IN: 0.676 PSI/FT. FRAC ZONE WITH 81,217 GALLONS OF 60 Q #20 GEL FOAM AT 50 BPM. PROPPANT: 129,172 LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 923,278 SCF. FLUSH: 121 FLUID BBLs. MAX. RATE: 55 BPM. AVG. RATE: 41 BPM. MAX. PSI: 3,240 PSI. AVG. PSI: 2,456 PSI. MAX. SAND CONC: 3.0 PPG DOWNHOLE. FLUID TO RECOVER: 918 CLEAN BBLs. 5 MIN SHUT IN: 1,061 PSI 10 MIN SHUT IN: 1,043 PSI INITIALLY ATTEMPTED 70 Q FOAM. DUE TO PRESSURE RESPONSE IT WAS DROPPED BACK TO 60 Q. RIH W/WEATHERFORD 5 1/2" CBP SET @ 4150'. BLEED OFF WELL PRESSURE. SI SW. RDR FRAC & WL EQUIPMENT.

7/11/2021: MIRU. CK WELL PRESSURE (BH 0 PSI, CSG 0 PSI, TBG 0 PSI). INSTALL TBG HANGER. ND FRAC STACK. NU BOP. CONDUCT BOP TST, GOOD TST. MU 4 3/4" MILL. TALLY & PU TBG TO 3000'. RU AIR UNIT & UNLOAD WELL. PU TBG & TAG PLUG @ 4150'. RU PWR SWVL, EST CIRC. DO COMPOSITE PLUG @ 4150'. FLOW WELL TO TANK. SW SL. SDFN.

7/12/2021: CK WELL PRESSURE (BH 0 PSI, CSG 1050 PSI, TBG 0 PSI). TAG PLUG @ 4150'. RU PWR SWVL. EST CIRC W/ RU PWR SWVL, EST CIRC. FINISH **DO COMPOSITE PLUG @ 4150'**. CHASE PLUG REMAINDERS DWN TO FRAC PLUG @ 4560'. DO FRAC PLUG @ 4560'. CHASE PLUG DWN TO FILL @ 4910'. CO FILL FROM 4910' TO CIBP @ 5020'. TIH W/TBG/MILL ABV PERFS. SW. SDFN.

7/13/2021: CK WELL PRESSURE (BH 0 PSI, CSG 850 PSI, TBG 0 PSI). BLEED DWN WELL. TIH W/MILL. TAG 20' FILL @ 5000' (CIBP 5020'). RU PWR SWVL & EST CIRC. **DO CIBP @ 5020'**. HANG BACK SWVL. TALLY & PU TBG. TAG 217' FILL @ 6951' (PBSD @ 7168'). PU PWR SWVL. CO FILL F/6951' T/7160'. HARD FILL @ 7160'. SAND RETURNS WERE DWN TO TRACE AMOUNTS. CIRC CLEAN. TOOH W/TBG & MILL TO 3800'. SW. SDFN.

7/14/2021: CK WELL PRESSURE (BH 0 PSI, CSG 650 PSI, TBG 0 PSI). TOOH W/TBG/MILL. KILL WELL W/35 BBLs. TIH W/BHA & 217 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 6840'. SN @ 6838'. PBSD @ 7168'. ND BOP. NU WH. TIE IN FLOW LINES. PMP 5 BBLs DWN TBG. DROP PMP OFF BALL. PT TBG W/AIR TO 500 PSI, TST GOOD. PMP OFF EXPENDABLE CK @ 900 PSI. UNLOAD WELL WITH AIR. RDRR @ 1600 HRS.



## Schematic - Current

Well Name: HARTMAN #4

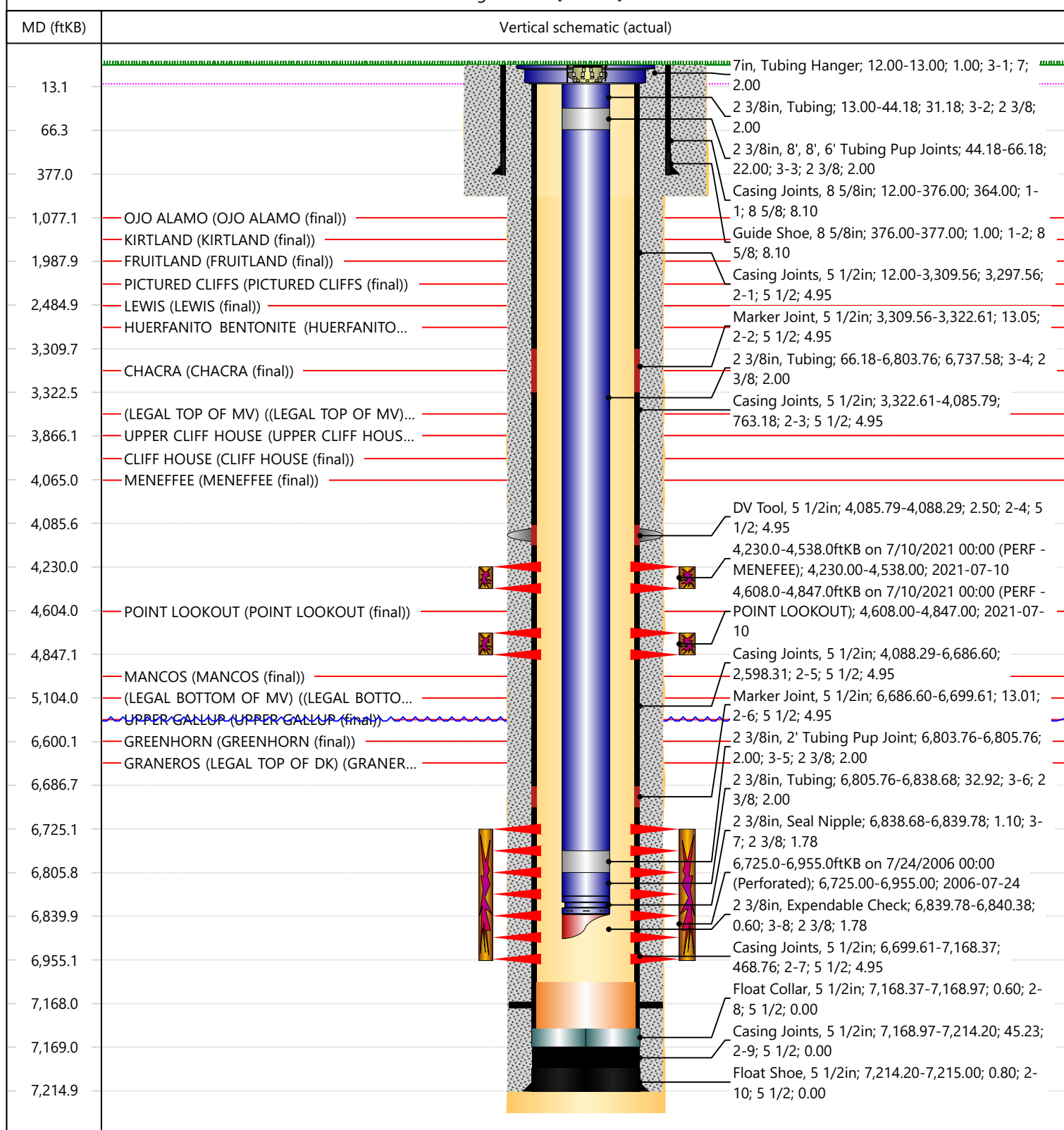
|   |   |                                       |                                    |  |                                     |
|---|---|---------------------------------------|------------------------------------|--|-------------------------------------|
| API / UWI<br>3004533533                   | Surface Legal Location<br>T30N-R11W-S26 | Field Name<br>Basin Dakota            | License No.                        | State/Province<br>New Mexico                 | Well Configuration Type<br>Vertical |
| Original KB/RT Elevation (ft)<br>5,912.00 | KB-Ground Distance (ft)<br>12.00        | Original Spud Date<br>5/24/2006 23:30 | Rig Release Date<br>6/3/2006 10:00 | PBTD (All) (ftKB)<br>Original Hole - 7,168.0 | Total Depth All (TVD) (ftKB)        |

## Most Recent Job

|                                  |                                  |                    |                                |                       |
|----------------------------------|----------------------------------|--------------------|--------------------------------|-----------------------|
| Job Category<br>Capital Workover | Primary Job Type<br>RECOMPLETION | Secondary Job Type | Actual Start Date<br>7/10/2021 | End Date<br>7/15/2021 |
|----------------------------------|----------------------------------|--------------------|--------------------------------|-----------------------|

TD: 7,220.0

Original Hole [Vertical]



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**District III**  
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Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 43279

CONDITIONS

|  |   |
|--|---|
| Operator:<br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br>372171  |
|  | Action Number:<br>43279                                     |
|  | Action Type:<br>[C-103] Sub. (Re)Completion Sundry (C-103T) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| ksimmons   | None      | 9/22/2021      |