

Submit-I Copy To Appropriate District
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. 30-045-09619
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Nell Hall
8. Well Number 1
9. OGRID Number 372171
10. Pool name or Wildcat Basin Dakota / Blanco Mesaverde

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 ☒ Other

2. Name of Operator
HILCORP ENERGY COMPANY

3. Address of Operator
382 Road 3100, Aztec, NM 87410

4. Well Location

Unit Letter M 1000 feet from the South line and 1100 feet from the West line
Section 07 Township 30N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5614' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
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: ☒ Recompletion

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.

Please see Attached

NMOCB

SEP 05 2018

DISTRICT III

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

SIGNATURE Amanda Walker TITLE Operations / Regulatory Technician DATE 8/29/2018

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: 505-324-5122

For State Use Only

APPROVED BY: Brand Randall TITLE Deputy Oil & Gas Inspector, DATE 9/11/18
District #3

Conditions of Approval (if any):

W

Nell Hall 1
Recompletion Sundry
30-045-09619

7/23/2018: MIRU EXPERT DOWHNOLE SLU. RIH & RETR BHBS. TG FILL @ 6661'. RDMO SLU. MIRU AWS. SWI. SDFN.

7/24/2018: ND WH. NU & PT BOP. PU & TIH 3 JTS 2 3/8" TBG/ TG @ 6666'. TOH & LD 3 JTS 2 3/8" TBG. MIRU TUBOSCOPE. TOH 213 JTS 2 3/8" TBG. PU & TIH SELECT 3 3/4" BIT, CSG SCRAPER & 142 JTS 2 3/8" TBG. SWI. RD. & RU FLOWBACK TANK PER LANDOWNER. SDFN.

7/25/2018: CONT PU & TIH 45 JTS 2 3/8" TBG. EOT @ 6068'. TOH 184 JTS 2 3/8" TBG & BHA. PU & TIH SELECT 5 1/2" CIBP. SETTING TL & 185 JTS 2 3/8" TBG. SET CIBP @ 6000'. TOH & LS 1 JT 2 3/8" TBG. PT CSG, TST OKAY. TOH 185 JTS 2 3/8" TBG & SETTING TL. MIRU BASIN WL. RUN CBL FROM 6000' TO SURFACE. RDMO WL. SWI. SDFN.

7/26/2018: TROUBLE CALL: SUBMITTED CBL TO BRANDON @ OCD. AGREED TO PUMP A CMT SQUEEZE BELOW MV WITHIN THE RANGE OF 4850' – 4950' TO +/- 4660'. ALSO AGREED TO PUMP A CMT SQUEEZE ABOVE THE MV FROM 3650' TO AT LEAST 3468'

7/26/2018: MIRU BASIN WL. RIH AND PERF SQZ HOLES @ 4900' (3 SPF, 0.34 HOLES) & 4660' (3 SPF, 0.34 HOLES). RDMO WL. TIH 5 1/2" PKR & 145 JTS 2 3/8" TBG. SET PKR @ 4690'. PMP DWN TBG W/30 BBLS. AFTER 10 BBLS PRESS INC TO 1200 PSIG & DROP TO 900 @ 1.5 BPM. PMP DWN CSG W/15 BBLS. AFTER 12 BBLS PRESS INC TO 900 PSIG & LOST CIRC. RLS PKR. TOH 145 JTS 2 3/8" TBG & PKR. TIH 5 1/2" CIBP & 145 JTS 2 3/8" TBG. SET CIBP @ 4690' SWI. SDFN.

7/27/2018: MIRU CMT EQUIP. PT PMP & LINES. TST OKAY. SQZ CSG W/95 SX (1.15 CU FT/SX, 109CU FT) TYPE G CMT. PMP DWN TBG W/19.4 BBLS CMT. FLSHD DOWN TBG W/17.1 BBLS @ 2 BPM & 350 PSIG. STUNG OUT OF CIRC. TOH 3 JTS 2 3/8" TBG. EOT @ 4608'. REVERSE CIRC CLN W/30 BBLS. REC 4.5 BBLS CMT. CONT TOH 142 JTS 2 3/8" TBG & STINGER. SWI. SDFN.

7/28/2018: MIRU BASIN WL. RIH AND PERF SQZ HOLES @ 3650' (3 SPF, 0.34 HOLES) AND 3450' (3 SPF, 0.34 HOLES). RDMO WL. TIH 5 1/2" PKR & 108 JTS 2 3/8" TBG. SET PKR @ 3500'. CIRC DWN TBG W/100 BBLS. VERY GOOD CIRC. RLS PKR. TOH 108 JTS 2 3/8" TBG & PKR. TIH 5 1/2" CIBP & 105 JTS 2 3/8" TBG. SWI. SDFN.

7/29/2018: TIH 3 JTS 2 3/8" TBG/ SET CIRC @ 3504'. MIRU CMT EQUIP. PT PMP & LINES. TST OKAY. SQZ CSG W/80 SX (1.15 CU FT/SX, 92 CU FT) TYPE G CMT. PMP DWN TBG W/16.4 BBLS CMT. FLSHD DWN TBG W/17 BBLS @ 2 BPM & 350 PSIG. STUNG OUT OF CIRC. TOH 3 JTS 2 3/8" TBG. EOT @ 3408'. REVERSE CIRC CLN W/30 BBLS. REC 3 BBLS CMT. CONT TOH 105 JTS 2 3/8" TBG & STINGER. SWI. SDFN.

7/30/2018: TIH 4 3/4" BIT. BIT SUB & 105 JTS 2 3/8" TBG. TG TOC @ 3408'. RU PWR SWL. DO/WO CMT FROM 3408' TO 2428' IN 2". CMT VERY SOFT AND NOT FULLY SET UP. CIRC CLN. SWI. SDFN.

7/31/2018: DO SOFT CMT FROM 3428' TO 3450'. DO HD CMT FROM 3450' TO 3504'. DO CIRC (4 HRS). RD PWR SWL. TOH 108 JTS 2 3/8" TBG. TG CMT @ 3506'. DO CMT FROM 3506' TO 3548'. SWI. SDFN.

8/1/2018: TIH 4 3/4" CONE BIT & 103 JTS 2 3/8" TBG. TG CMT @ 3548'. DO CMT FROM 3548' TO 3670' & FELL THRU. CONT TIH 29 JTS 2 3/8" TBG. TG CMT @ 4599'. DO CMT FROM 4599' TO 4705' CIRC. DO CMT FROM 4707' TO 4730. CIRC CL. SWI. SDFN.

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8/2/2018: MIRU WELLCHECK. PT CSG. TST OKAY. RDMO WC. TOH TBG & BIT. TG CMT @ 4730'. DO CMT FROM 4730' TO 4910' & FELL THRU. CIRC CLN W/FRESH WTR. TOH TBG & BIT. SWI. SDFN.

8/3/2018: TIH PKR & TBG. TST SQZ PERFS. RESULTS FROM TST3450' & 3650" PT TO 580 PSIG, 4660' PRESS FROM 580 -500 IN 5", 4900' PRESS FROM 550 – 250 IN 10". TOH TBG & PKR. TIH 153 JTS 2 3/8" TBG. EOT @ 5951'. MIRU CMT EQUIP. PT PMP & LINES. TST OKAY. CIRC @ 1.5 BPM & 130 PSIG W/1 BBL. PMP BALANCE PLG #1 W/15 SX (1.37 CU FT/SX, 20.5 CU FT) TYPE 3 CMT. DISP DWN TBG W/18.5 BBLS @2 BPM & 80 PSIG. TOH 8 JTS 2 3/8" TBG. EOT @ 4695'. REVERSE CIRC CLN W/22 BBLS. REC 0.5 BBLS CMT. SQZ CMT W/550 PSIG FOR 15'. PMP BALANCE PLG #2 W/15 SX (1.37 CU FT/SX, 20.5 CU FT). PMP DWN TBG W/3.5 BBLS CMT. SISP DWN TBG W/17.6 BBLS @ 2 BPM & 30 PSIG. TOH 6 JTS 2 3/8" TBG. EOT @ 4500'. REVERSE CIRC CLN W/21 BBLS. REC 0.5 BBLS CMT. SQZ CMT W/550 PSIG FOR 15". TOH 139 JTS 2 3/8" TBG. LD CSG AND SQZ CMT W/550 PSIG. SWI. SDFN.

8/5/2018: TIH 4 3/4" BIT & 137 JTS 2 3/8" TBG. TG CMT @ 4615'. DO CMT FROM 4615' – 4701'. TIH 5 JTS 2 3/8" TBG. TG CMT @ 4856'. DO CMT FROM 4856' – 4955'. CIRC CLN. MIRU WC. PT CSG, TST OKAY. RDMO WC. SWI. SDFN.

8/6/2018: NMOC REP ON LOCATION TO WITNESS OPS. MIRU WC. PT CSG TO 570 PSIG. PRESS FROM 570 – 540 IN 30". TST OKAY. RDMO WC. TOH & LD TBG & DC'S MIRU BASIN WL. RUN CBL FROM 5200' TO 3200'. RIH W/5 1/2" CIBP & SET @ 4600'. PERFORATE POINT LOOKOUT IN 1 RUN (47 SELECT FIRE SHOTS, 1 SFP, 0.34 HOLE) AS FOLLOWS: 4554', 4553', 4552', 4540', 4539', 4538', 4523', 4522', 4521', 4518', 4517', 4516', 4510', 4509', 4508', 4507', 4506', 4505', 4504', 4503', 4502', 4396', 4395', 4394', 4393', 4392', 4382', 4381', 4380', 4379', 4378', 4377', 4376', 4371', 4370', 4369', 4368', 4367', 4366', 4336', 4335', 4334', 4333', 4326', 4325', 4324', 4323'. PERFORATE MENEFFEE IN 1 RUN (33 SELECT FIRE SHOTS, 1SPF, 0.34 HOLES) AS FOLLOWS: 4290', 4289', 4288', 4276', 4275', 4274', 4273', 4232', 4231', 4230', 4229', 4228', 4143', 4142', 4141', 4100', 4099', 4098', 4075', 4074', 4073', 4000', 3999', 3998', 3997', 3996', 3974', 3973', 3972', 3971', 3970', 3969', 3968'. RDMO WL. SWI. SDFN.

8/6/2018: TROUBLE CALL: SUBMITTED CBL OF WB AFTER PERFORMING BOTH SUICIDE SQUEEZE JOBS. REVIEWING WITH BRANDON @ OCD THE LOG RESULTS. OCD WILL REQUIRE A RADIOACTIVE TRACER TO BE ADDED TO THE RC FRAC TO VERIFY FRAC EFFICIENCY/MIGRATION IN THE WB. OCD WILL ALSO REQUIRE A PT TO THE TOP SUICIDE SQUEEZE PERFS TO VERIFY INTEGRITY AFTER THE FRAC JOB.

8/7/2018: PU & TIH AS 1X PKR W/WL REENTRY GUIDE, XO, PMP OUT PLG W/RUPTURE DISC IN PLACE. XO, 126 JTS 2 7/8" TBG. SET PKR @ 3490.79'. ND BOP. NU FRAC STACK. MIRU WC. PT & CHART TBG, PKR & FRAC VLV TO 7000 PSIG FOR 5". INCR TO 8000' FOR 5", INCR TO 9000' FOR 30". TST OKAY. RDMO WC. MIRU EXPERT DOWNHOLE SLU. RIH & RUPTURE DISC. RDMO SLU. SWI. RDMO AWS @ 1730hrs ON 8/7/2018.

8/13/2018: MIRU FRAC CREW. FOAM FRAC'D MESAVERDE WITH 302,280 LBS 20/40 AND 72,171 GAL SLICKWATER AND 2.20 MILLION SCF N2. 70 QUALITY. AVG RATE = 55 BPM, AVG PSI = 5075. ISIP WAS 1900 PSI (FOAM FLUSH). DROPPED 15 BIO-BALLS WITH 1/2 OF SAND PUMPED. RA TRACED BY PRO-TECHNICS. RDMO FRAC CREW.

8/17/2018: MIRU. NMOC REP ON LOCATION TO WITNESS OPS. MIRU WC. PT CSG TO 500 PSIG. PRESS FR/500 – 460 IN 40". TST OK. RDMO WC. SWI. SDFWE.

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8/18/2018: CONT FLW BACK MV FRAC. SWI. SDFN.

8/19/2018: ND FRAC STACK. NU BOP. MIRU WC. PT & CHART BOP & WH. TST OKAY. TOH & LD 2 7/8" X 1' TBG SUB, XO, 126 JTS 2 7/8" & PKR. SWI. SDFN.

8/20/2018: PU & TIH 4 3/4" JUNK MILL & 141 JTS 2 3/8" TBG. BRK CIRC @ 3598' W/TIH. TG FILL @ 4556'. RU PWR SWL. BRK CIRCK W/AFU/ CO FILL TO CIBP @ 4600'. DO CIBP. CIRC CLN. TIH 43 JTS 2 3/8" TBG. TG REMAINDER OF CIBP @ 5998' (CIBP @ 6000'). TOH 186 JTS 2 3/8" TBG & BHA. TIH 40 JTS 2 3/8" TBG. SWI. SDFN.

8/21/2018: MIRU SLU & PROTECHNICS. RUN TRACER LOG FROM 3000' TO 5400'. RDMO SLU. TOH 40 JTS 2 3/8" TBG. TIH 4 3/4" JUNK MILL & 176 JTS 2 3/8" TBG. TG BRIDGE @ 5680'. RU PWR SWL. BRK CIRC W/AFU. CO BRIDGE FROM 5680' TO 5684'. CONT TIH 8 JTS, TG REMAINDER OF CIBP @ 5998'. DO REMAINDER OF CIBP & CIBP @ 6000'. CIRC CLN. TOH 66 JTS 2 3/8" TBG. EOT @ 3890'. SWI. SDFN.

8/22/2018: TIH 86 JTS 2 3/8" TBG. TG REMAINDER OF CIBP @ 6668'. DO REMAINDER OF CIBP & CO TO PBTD @ 6673'. CIRC CLN. TOH 206 JTS TBG & BHA. TIH W/EXPENDABLE CHK, 204 JTS 2 3/8", 4.7# J-55 TBG. TG PBTD @ 6673'. EOT @ 6618', SN @ 6617'. ND BOP. NU WH W/B-2 ADPT. PMP 5 BBL PAD. DROP BALL. PT TBG TO 500 PSIG. TST OKAY. PMP OFF CHK @ 1050 PSIG. RDMO @ 1730hrs ON 8/22/2018.