

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

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

<p>WELL API NO. 30-045-23618</p>	
<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>	
<p>6. State Oil & Gas Lease No.</p>	
<p>7. Lease Name or Unit Agreement Name OSHEA</p>	
<p>8. Well Number 1M</p>	
<p>9. OGRID Number 372171</p>	
<p>10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota</p>	
<p>SUNDRIY 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>	
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>	
<p>2. Name of Operator HILCORP ENERGY COMPANY</p>	
<p>3. Address of Operator 382 Road 3100, Aztec, NM 87410</p>	
<p>4. Well Location Unit Letter <u>F</u>: <u>1450</u> feet from the <u>North</u> line and <u>1750</u> feet from the <u>West</u> line Section <u>03</u> Township <u>31N</u> Range <u>13W</u> NMPM County <u>San Juan</u></p>	
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5838' GL</p>	

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

<p>NOTICE OF INTENTION TO:</p>		<p>SUBSEQUENT REPORT OF:</p>	
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 checked="" 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 type="checkbox"/>	

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.

The subject well was plugged & abandoned on 5/15/2020. Please see attached operation details and current schematic.

Approved for plugging of wellbore only. Liability under bond is retained pending Receipt of C-103 (Subsequent Report of Well Plugging) which may be found @ OCD web page under forms www.emnrd.state.us/oed

PNR ONLY

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 Priscilla Shorty TITLE Operations/Regulatory Technician – Sr. DATE 5/19/2020

Type or print name Priscilla Shorty E-mail address: pshorty@hilcorp.com PHONE: (505)324-5188

For State Use Only

APPROVED BY: Brandon Parrell TITLE DISTRICT III SUPERVISOR DATE 7/7/20
Conditions of Approval (if any): AV

5/7/2020 –MIRU BWD 103. PRE-JOB SAFETY MEETING W/ RIG CREW. CSG-140 PSI, TBG- 140 PSI, BH- 22 PSI. POOH VISUALLY INSPECTING AND TALLYING TBG STRING. 207 JTS OF 2 3/8" TBG STRING. L/D BHA. P/U 4-3/4" SCRAPER. R/U WILSON HYDRO-TESTERS. TIH TESTING TBG STRING AND SCRAPING CSG TO 6656'. R/D WILSON TESTERS. DOWNGRADED 2 JTS. 2 CRIMP JTS AND MINOR PITTING THROUGH STRING. POOH STANDING BACK TBG STRING. L/D SCRAPER. **HEC ENGINEER ABOUT PLAN FORWARD TO P&A, BRANDON POWELL GAVE PERMISSION TO START P&A BY PLACING CICR WITHIN 50' OF DK PERFS.** SHUT IN WELL. SHUT DOWN FOR THE NIGHT.

5/8/2020 - PRE-JOB SAFETY MEETING W/ RIG CREW. **RECEIVED FOLLOW-UP EMAIL FROM BRANDON POWELL REQUESTING A 1-HR SHUT-IN ON THE BH AFTER THE FRUITLAND PLUG.** CSG-130 PSI, BH- 20 PSI. SPOT IN AZTEC WELL SERVICE CEMENTING PACKAGE. P/U 5-1/2" CEMENT RETAINER. TIH W/ 204 JTS 2-3/8" TBG. SET RETAINER AT 6656'. STING OUT OF RETAINER. R/U CEMENTING EQUIPMENT. **MIX AND PUMP PLUG #1 (DAKOTA) F/ 6656' AS FOLLOWS: PUMP 45 BBLS FRESHWATER LEAD. MIX 18 SACKS CLASS G CEMENT, 3.8 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 7.5 BBL FRESHWATER DISPLACEMENT.** WOC 4 HRS. MAKE UP KNOTCHED COLLAR ON OPEN ENDED TBG STRING. TIH W/ 200 JTS. **TAG TOP OF CEMENT PLUG #1 AT 6486'.** L/D 16 JTS LEAVING END OF TBG AT 5967'. **MIX AND PUMP PLUG #2 F/ 5967 AS FOLLOWS: PUMP 5 BBLS FRESHWATER LEAD. MIX 23 SACKS CLASS G CEMENT. 4.8 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 4.6 BBL FRESHWATER DISPLACEMENT.** WOC OVER WEEKEND. SHUT IN WELL. SHUT DOWN FOR THE WEEKEND.

5/11/2020 - PRE-JOB SAFETY MEETING W/ RIG CREW. CSG-140 PSI, BH- 20 PSI. TIH W/ 178 JTS 2-3/8" TBG. **TAG PLUG #2 (GALLUP) @ 5803'.** L/D 30 JTS TUBING. **MIX AND PUMP PLUG #3 F/ 4843' AS FOLLOWS: PUMP 5 BBLS FRESHWATER LEAD. MIX 18 SACKS CLASS G CEMENT, 3.8 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 0.5 BBL FRESHWATER DISPLACEMENT.** WOC 4 HRS. MAKE UP KNOTCHED COLLAR ON OPEN ENDED TBG STRING. TIH W/ 145 JTS. **TAG TOP OF CEMENT PLUG #3 AT 4725'.** L/D 12 JTS, TOO H, M/U CR. TIH & SET @ 4428'. ATTEMPT TO LOAD HOLE W/ 170 BBL'S FW. CALC 98 BBLS. HOLE WOULD NOT FILL. **MIX AND PUMP PLUG #4 F/ 4428' AS FOLLOWS: PUMP 5 BBLS FRESHWATER LEAD. MIX 82 SACKS CLASS G CEMENT, 17.2 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 1 BBL FRESHWATER DISPLACEMENT.** L/D 24 TBG JTS. WOC OVERNIGHT. SECURE WELL AND LOCATION. SHUT DOWN FOR THE NIGHT.

5/12/2020 - PRE-JOB SAFETY MEETING W/ RIG CREW. CSG-0 PSI, BH- 10 PSI. TIH W/ 131 JTS 2-3/8" TBG. **TAG PLUG #4 (MV) @ 4282'.** CIRC CLEAN AFTER 90 BBLS. P-TEST 5-1/2" PROD CASING TO 600 PSI F/ 10 MINS. (GOOD). TOO H T/SURFACE. R/U WIRELINE SPECIALTIES, **RUN CBL FROM TOC @ 4282' TO SURFACE. SUBMIT CBL FOR EVAL. HEC RIG SUPERVISOR E-MAILED CBL TO BRANDON POWELL, NMOCD. THE NEW CBL ALIGNED WITH THE OLD LOG. IT WAS APPROVED TO TOP OFF THE MV PLUG TO THE APPROVED DEPTH OF 3760', WOC, AND TAG.** R/D WL EQUIP. TIH W/ TUBING OPEN ENDED TO 4282'. **MIX AND PUMP PLUG #4A (MESA VERDE) F/ 4282' AS FOLLOWS: PUMP 5 BBLS FRESHWATER LEAD. MIX 65 SACKS CLASS G CEMENT, 13.6 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 14 BBL FRESHWATER DISPLACEMENT.** SECURE WELL AND LOCATION. SHUT DOWN FOR THE NIGHT.

5/13/2020 - PRE-JOB SAFETY MEETING W/ RIG CREW. CSG-0 PSI, BH- 10 PSI. R/U WIRELINE SPECIALTIES, **RIH & TAG PLUG #4A (MV TOP OFF) @ 3686'.** POOH & PERF @ 2850', POOH, ATTEMPT TO EST INJECTION RATE, PRESSURED UP TO 1000 PSI AND HELD. **MAKE NOTIFICATIONS TO OCD AND ENGINEERING. HEC ENGINEER SENT BRANDON POWELL, NMOCD, ABOUT THE UNSUCCESSFUL ATTEMPT TO EST INJ RATE INTO THE PERF @ 2850'.** RECEIVED APPROVAL TO SPOT BALANCED PLUG IF UNABLE TO EST INJ RATE INTO NEW PERF @ 2810'. RIH, PERF @ 2810'. POOH, ATTEMPT TO EST INJ RATE. SAME RESULT. POOH. RIH W/ 88 JTS TUBING TO 2900'. **MIX AND PUMP PLUG #5 (CHACRA) F/ 2900' AS FOLLOWS: PUMP 5 BBLS FRESHWATER LEAD. MIX 28 SACKS CLASS G CEMENT W/ 2% CACL, 5.9 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 9.2 BBL FRESHWATER DISPLACEMENT.** R/U WIRELINE SPECIALTIES, RIH & PERF @ 2135', POOH, EST INJECTION RATE OF 200 PSI @ 2 BPM. R/D WL. RIH W/ 88 JTS TUBING TO 2900'. **MIX AND PUMP PLUG #6 (PICTURE CLIFFS) F/ 2135' AS FOLLOWS: PUMP 5 BBLS FRESHWATER LEAD. MIX 49 SACKS CLASS G CEMENT, 31 SX OUTSIDE, 6 SX BELOW RETAINER, 12 SX ABOVE RETAINER. 10.3 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 7.5 BBL FRESHWATER DISPLACEMENT.** SECURE WELL AND LOCATION. SHUT DOWN FOR THE NIGHT.

5/14/2020 - PRE-JOB SAFETY MEETING W/ RIG CREW. CSG-0 PSI, BH- 5 PSI. R/U WIRELINE SPECIALTIES, RIH & TAG PLUG #6 (PICTURE CLIFFS) @ 1946'. POOH & PERF @ 1404', POOH, EST INJECTION RATE. 2 BPM = 250 PSI. R/D WL. RIH W/ 41 JTS TUBING & SET CR @ 1357'. **MIX AND PUMP PLUG #7 (FRUITLAND) F/ 1404' AS FOLLOWS: PUMP 5 BBLs FRESHWATER LEAD. MIX 49 SACKS CLASS G CEMENT, 31 SX OUTSIDE, 6 SX BELOW RETAINER, 12 SX ABOVE RETAINER. 10.3 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 4.8 BBL FRESHWATER DISPLACEMENT.** L/D ALL 41 TBG JTS. **PER BRANDON POWELL'S EMAIL ON 5/8/2020, HEC PERFORMED A 1-HR SHUT-IN ON BH. 0 PSI BUILT.** R/U WIRELINE SPECIALTIES, RIH & PERF @ 700', POOH, ATTEMPT TO CIRC TO SURFACE, EST INJECTION RATE. 1.5 BPM = 700 PSI. R/D WL. NOTIFY OCD & ENGINEERING. DIRECTION TO SET CR @ 650' AND SPLIT SURFACE PLUG. PICK UP 20 JTS TUBING & SET CR @ 650'. **MIX AND PUMP PLUG #8 (KIRTLAND) F/ 700' TO 542' AS FOLLOWS: PUMP 5 BBLs FRESHWATER LEAD. MIX 49 SACKS CLASS G CEMENT, 31 SX OUTSIDE, 4 SX BELOW RETAINER, 14 SX ABOVE RETAINER. 10.3 BBL SLURRY, 1.18 YIELD AT 15.6PPG FOLLOWED BY 2 BBL FRESHWATER DISPLACEMENT.** R/U WIRELINE SPECIALTIES, RIH & PERF @ 450', POOH, ESTABLISH CIRC TO SURFACE W/ 5 BBLs. R/D WL. RIG DOWN FLOOR. NIPPLE DOWN BOP, NIPPLE UP MASTER VALVE. R/U CEMENT LINES ON BH. **MIX AND PUMP PLUG #9 (SURFACE/OJO) F/ 450' TO SURFACE AS FOLLOWS: PUMP 5 BBLs FRESHWATER LEAD. MIX 124 SACKS CLASS G CEMENT, 26 BBL SLURRY, 1.18 YIELD AT 15.6PPG. CIRC UNTIL GOOD CEMENT TO SURFACE.** SHUT IN WH. SECURE WELL AND LOCATION. RIG CREW TRAVEL TO YARD. SHUT DOWN FOR THE NIGHT.

5/15/2020 - PRE-JOB SAFETY MEETING W/ RIG CREW. CSG-0 PSI, BH- 0 PSI. CUT OFF WELLHEAD, CEMENT IN CASING ANNULAS TO SURFACE, CEMENT IN 5.5" PROD CASING DOWN 10', WELD ON DRY HOLE MARKER. TOP OFF CSG & FILL CELLAR W/ 15 SX CEMENT. WASH UP, R/D CEMENT EQUIP. LOAD OUT WH ON TUBING FLOAT, RIG DOWN AT 13:00 HRS. THE SUBJECT WELL WAS PLUGGED AND ABANDONED ON 5/15/2020.

Vertical, Original Hole, 5/19/2020 2:04:29 PM

