

Submit 1 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

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.)		WELL API NO. 30-045-23834
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator HILCORP ENERGY COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name San Juan 32-7 Unit
4. Well Location Unit Letter <u>K</u> : <u>1770'</u> feet from the <u>South</u> line and <u>1830'</u> feet from the <u>West</u> line Section <u>07</u> Township <u>32N</u> Range <u>07W</u> NMPM County <u>San Juan</u>		8. Well Number 55
		9. OGRID Number 372171
		10. Pool name or Wildcat <u>Barcomv</u>
		11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6515' GL

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 Subsequent	

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.

NMOC
AUG 05 2019
DISTRICT III

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 8/2/2019

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

For State Use Only

APPROVED BY:  TITLE SUPERVISOR DISTRICT #3 DATE 8/15/19
Conditions of Approval (if any): AV

San Juan 32-7 Unit 55
30-045-23834
Lease: FEE
Recomplete Subsequent

6/7/2019: (WHP SITP 130, SICP 140, SIICP 80, BH 2) MIRU. BD WELL. INSTALL TWC. ND FLOWTREE. NU BOP. PT 250 LOW 1500 HIGH PIPE & BLINDS (TST GOOD) RD TEST UNIT. RIH TAG FILL @ 8006' EST. POH LD 2 JNT. RU SCAN EQUIP. POH 36K, PULLED 107 JNTS. RU SCAN EQUIP. FINISH POH LD TBG. SIW. SL.

6/8/2019: (WHP SICP 140, INT CSG 0 BH 0). PU MILL & SCRAPER TALLY & RIH W/245 JNT TO 7956'. POH LD MILL & SCRAPER. PU CIBP & PKR. RIH W/122 STAND. SET CIBP, SET PKR. PT CIBP. CIRC HOLE 105 BBL. RETURN DIRTY H2O. PT CSG 2000 PSI MONITOR 10 MINUTE, (TST GOOD). INT FILL W/5 GALL BAKER PKR FLUID & 55 GAL BIO H2O. POH LD 56 JNT. FOR NEXT CBP SET DEPTH TOTAL 72 JNT OUT 188 JNT IN HOLE. SIFN. SL.

6/10/2019: (WHP SICP 0, INT CSG 0 BH 0). POH W/94 STAND. LD PKR & SETTING TOOL. RU E-LINE UNIT & FLANGE. RIH W/CBL,GR,CCL CORRELATION CORRECTION 24FT OFF OPEN HOLE LOG, TAG @ 7930 WLM. POH LOGGING SENT FOR APPROVAL. RD E-LINE. RU STRIPPING HEAD. SIFN. SL.

6/11/2019: (WHP SICP 0, INT CSG 0 BH 0). MIT TO 600 PSI & MONITOR 30 MINUTE WITH NMOC STATE REP JONATHAN KELLY. 600 PSI DROP 598. TST PASSED. PU CIBP & SETTING TOOL. RIH W/189 STAND. SET CIBP BELOW COLLAR 6105' @ 6134'. POH LD 189 JNT. LOAD HOLE. ND BOP, ND TBG HEAD. NU TBG HEAD. NU FRAC STACK. PSI UP FOR FRAC MIT 3850, MONITOR 30 MINUTES (TST GOOD) GOOD CHART.

7/8/2019: MIRU. PU RU E-LINE. RIH PERF PT LOOKOUT AS FOLLOWS (1 SPF 0.34 HOLES 45 SHOTS) 5724-5728,5738-5748,5754-5758,5766-5770,5787-5791,5806-5809,5820-5822,5834-5837,5856-5858. POH SI PT FLUID 4800. FOAM FRAC PER, DESIGN, W/70% Q FOAM BREAK @ 2478 PUMP 271,960 #40/70 SAND, MAX PSI 3324, AVERAGE PSI 2311, MAX RATE 56.3 AVG RATE 54.9, ISIP 908 TOTAL N2 2117226 SCF, TOTAL BBL 1535 SI 640 PSI. RIH W/CFP, SET @ 5710'. PERF MENEFE/CLIFFHOUSE AS FOLLOWS (1 SPF, 0.34 HOLES 45 SHOTS) 5437-5441, 5496-5506, 5548-5552, 5556-5560, 5603-5605, 5636-5644, 5648-5654. FOAM FRAC 2ND STG PUMP PER, DESIGN, WITH 70% Q FOAM BREAK @ 3199 PUMP 202,980 #40/70 SAND, MAX PSI 3260, AVG PSI 2582, MAX RATE 56.7 AVG RATE 54.5, ISIP 1179 TOTAL N2 1691515 SCF, TOTAL BBL 1234.

7/9/2019: RU, ND FRAC STACK. CO KILLSPOOL & INSTALL WASHINGTON STRIPPER HEAD. NU BOPE. RU WCO. SET TEST PLUG & PT BLIND & PIPE RAMS. 250 PSI LOW AND 2500 PSI HIGH FOR 10 MINUTES EACH. GOOD TEST. PU JUNK MILL & TIH PU 161 JTS OF 2 3/8" TBG. TAG FRAC PLUG. PU PWR SWVL. SIW SL.

7/10/2019: UNLOAD H2O FROM WELL W/AIR. EST CIRC W/AIR MIST, 2000 CFM AIR WITH 16 BBLS H2O 4 GAL OF FOAMER, 2 GAL INHIBITOR PER HOUR. DRILL CBP #1 AT 5225' SLM. TIH, TAG 120' OF FILL @ 5590'. CO SAND TO CBP #2 AT 5710', DRILL PLUG #2. TIH, TAG SAND & PLUG PARTS @ 6072'. CO 62' TO PLUG #3 @ 6134'. CIRC W/AIR MIST 1300 CFM AIR W/7 BBLS H2O, 4 GAL FOAMER 1 GAL CORROSION INHIBITOR PER HOUR. DRILL PLUG #3 @ 6134' SLM. HANG BACK SWVL, TOOH 15 STANDS TO 5205'. SIW SL.

7/11/2019: TIH W/2 3/8" TB. TAG 7' OF FILL ON PLUG #4 @ 7807'. UNLOAD H2O FROM WELL W/AIR. EST CIRC W/AIR MIST, 1300 CFM AIR W/10 BBLS H2O 1 TO 3 GALS OF FOAMER, 1 GAL INHIBITOR PER HOUR. NEW FOAMER RE33225FMW. DRILL PLUG #4 @ 7915' SLM. CIRC W/AIR MIST 1300 CFM AIR WITH 15 BBLS H2O, 3 GALS FOAMER, 1 GAL CORROSION INHIBITOR PER HOUR. HANG BACK SWVL, TOOH 42 STANDS TO 5205'. SIW SL.

7/12/2019: BDW, CHECK FLOWING PRESSURE FLOWING 28 PSI WITH 2 - 3" LINES OPEN. TIH W/42 STANDS TBG, TO CIBP @ 7907' EST CIRC W/AIR MIST, 2000 CFM AIR WITH 15 BBLS H2O 3 GALS OF FOAMER, 2 GALS INHIBITOR PER HOUR. DRILL PLUG #4 @ 7915' SLM. CIRC W/AIR MIST 1300 CFM AIR NEW FOAMER RE33225FMW. CONT TO MIIL CIBP #4 W/AIR MIST, 2000 CFM AIR WITH 15 BBLS H2O 3 GALS OF FOAMER, 2 GALS INHIBITOR PER HOUR. MILLING ON PLUG SHOWS GOOD TORQUE BUT CANNOT MAKE ANY PROGRESS. HANG BACK SWVL, TOOH 65 STANDS. SIW SL.

7/13/2019: BDW, CHECK FLOWING PRESSURE FLOWING 22 PSI WITH 2 - 3" LINES OPEN. FLOWING 45 PSI W/1 - 3" LINE OPEN. FINISH TOOH W/56 STANDS OF TBG, TB TWISTED OFF LEAVING 50' OF TB, BIT SUB & MILL IN HOLE. CALC TOF @ 7863'. ND WASHINGTON HEAD. NU & FUNCTION TEST ANNULAR. NU WASHINGTON STRIPPER HEAD. PMP 40 BBL KILL W/20 BBL COUNTINOUS KILL. 60 BBLS TOTAL WELL IS DEAD FOR 20 MINUTES' PU 3 3/4" X 4' SKIRTED MILL, 6 - 3 1/8" DRILL COLLARS, 3 1/4" JARS & TIH W/80 STANDS OF TBG TO 5388'. SIW SL.

7/13/2019 TROUBLE CALL: EMAIL SENT TO BRANDON @ NMOC. WHILE MILLING ON THE FINAL PLUG 50' OVER THE DK OUR WORKSTRING TWISTED OFF LEAVING THE MILL, BIT SUB, AND 50' OF TBG IN THE HOLE. WE ARE REQUESTING TO PLUG BACK THE DK W/A RETAINER & CMT ABOVE THE FISH. APPROVAL GIVEN WITH TAGGING TOP OF CMT TO CONFIRM ONCE CURED.

San Juan 32-7 Unit 55
30-045-23834
Lease: FEE
Recomplete Subsequent

7/14/2019: BDW, CHECK FLOWING PRESSURE FLOWING 20 PSI WITH 2 - 3" LINES OPEN. TIH W/41 STANDS TBG. TAG TOF @ 7859' PU PWR SWVL. EST CIRC W/AIR MIST, 1300 CFM AIR WITH 15 BBLs H2O 3 - 4 GALS OF FOAMER, 1 GAL INHIBITOR PER HOUR. ATTEMPT TO WASH OVER TOF W/SKIRTED MILL, 7859' TO 7861'. COULD NOT GET DEEPER THAN 7861' TOO H W/TBG. PMP 40 BBL KILL W/20 BBL CONTINUOUS KILL. TOO H W/DRILL COLLARS & JARS. MILL SHOE SHOWS NO INSIDE WEAR, JUNK MILL SHOWS NO WEAR. FISH IS POSSIBLY TURNING, OR THERE COULD BE A BROKEN PIECE OF TBG. SIW SL.

7/15/2019: BDW, CHECK FLOWING PRESSURE FLOWING 20 PSI WITH 2 - 3" LINES OPEN. PU FISHING TOOLS, RECEIVED ORDERS TO SPOT CMT OVER FISH. LD FISHING TOOLS. TIH & LD DRILL COLLARS. ND & LO ANNULAR. RD PWR SWVL. PU MULE & TIH W/242 JTS 2 3/8" TBG T/7857'. MIRU DRAKE. MIX & SPOT CMT PLUG ON TOP OF FISH @ 7861' LOAD TBG W/35 BBLs H2O, MIX & PUMP 12 SACKS CLASS G NEAT CEMENT 15.8 # 2.3 BBLs SLURRY. SLOWLY PULL & LD 5 JTS TBG, FLUSH TBG W/2 BBLs OF H2O. EST CMT TOP @ 7711'. TOO H W/TBG. ND WASHINGTON HEAD. SIW SL.

7/16/2019: BDW, CHECK FLOWING PRESSURE FLOWING 20 PSI W/2 - 3" LINES OPEN. RU WL & SCIENTIFIC LOGGING TOOL. RUN GYRO LOG. LOGGING TOOL STACKED OUT @ 5832'. POOH. RIH W/2 SINKER BARS, STACK OUT @ 5832'. RD WL. PU 3 3/4" MILL & 3 3/4" JUNK MILL & TIH, TAG @ 5870'. PU & RU PWR SWVL. EST CIRC W/AIR MIST, 1300 CFM AIR WITH 15 BBLs H2O 1 GAL FOAMER, 1 GAL INHIBITOR PER HOUR. CO CMT STRINGERS F/5870' T/6243' F-485 FOAMER- 4 GALS, INHIB - 4 GALS. LD 11 JTS OF TBG, TOO H ABOVE PERFS TO 5400'. SIW SL.

7/17/2019: BDW, CHECK FLOWING PRESSURE FLOWING 20 PSI WITH 2 - 3" LINES OPEN. TIH W/17 STANDS TBG. TAG @ 6308'. PU PWR SWVL. EST CIRC W/AIR MIST, 1300 CFM AIR WITH 15 BBLs H2O 1 GAL OF FOAMER, 1 GAL INHIBITOR PER HOUR. CO CMT STRINGERS F/6308' T/6373'. F-485 FOAMER- 1 GALS INHIB - 8 GALS. TIH W/TBG, TAG CMT @ 7820'. TOO H STANDING BACK 90 STANDS TBG. LD 61 JTS OF EXCESS TUBING. RU WL & SCIENTIFIC LOGGING TOOL. RUN GRYO LOG FROM 7820' TO SURFACE. RD WL. PU BHA & TIH W/179 JTS OF 2 3/8" 4.7# J-55 TBG. EOT @ 5828' SN @ 5826' **PBTD @ 7820'**. PUMP 5 BBL PAD, DROP BALL PT TBG TO 500 PSI GOOD TEST, PUMP OFF EXPENDABLE CHECK AT 950 PSI, 7 GALS OF CORROSION INHIBITOR USED IN PAD TO PUMP EXPENDABLE. SIW SL.

RD, RR @ 19:30 HOURS.