

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

WELL API NO. 30-045-32900
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-11242-53
7. Lease Name or Unit Agreement Name Salty Dog SWD
8. Well Number 5
9. OGRID Number 372171
10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5213' GL

<p>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.)</p>	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator HILCORP ENERGY COMPANY	
3. Address of Operator 382 Road 3100, Aztec, NM 87410	
4. Well Location Unit Letter <u>B</u> : <u>1030</u> feet from the <u>N</u> line and <u>1365</u> feet from the <u>E</u> line Section <u>16</u> Township <u>29N</u> Range <u>14W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5213' 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 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.

Hilcorp Energy Company plugged and abandoned the subject well on 9/2/2020. See attached daily operations and 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 9/4/2020

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

For State Use Only

APPROVED BY: Brandon Panell TITLE District III Supervisor DATE 10/19/2020

Conditions of Approval (if any):

AV

8/7/2020 – PER CONVERSATION WITH BRANDON POWELL, NMOCD, HEC ENGINEER E-MAILED AN UPDATED PROCEDURE DUE TO THE LITTLE LIKELIHOOD THAT THE PACKER CAN BE REMOVED FROM THE WELL DUE TO A SHALLOW CASING PATCH.

8/24/2020 - SPOT IN RIG AND CEMENTING EQUIP. LOAD TANKS. R/U FLOWBACK EQUIP. R/U RIG AND EQUIP. CK PRESSURES. TBG- 0 PSI. CSG- 700 PSI. OPEN WELL TO FLOWBACK TANK. WELL BLEW DOWN IMMEDIATELY AND BEGAN SLOW STEADY FLOW TO FLOWBACK TANK. RECOVERED 80 BBLS IN 1 HOUR. SWAP BOPE PIPE RAMS. N/D WELLHEAD. N/U BOPE. FUNCTION TEST. TEST GOOD. R/U RIG FLOOR AND TBG HANDLING TOOLS. SWI. SDFN.

8/25/2020 - CK PRESSURES. TBG- 0 PSI. CSG- 560 PSI. OPEN WELL TO FLOWBACK TANK. WELL FLOW WAS STRONGER RECOVERED 180 BBLS IN 1 HOUR. R/U WSI PRESSURE TESTERS. PRESSURE TEST BLIND AND PIPE RAMS TO 250 PSI LOW AND 1600 PSI HIGH. TEST GOOD. R/D PRESSURE TESTERS. MONITOR CASING FLOW ON WELL. R/U CUTTERS WIRELINE. RIH AND PERF 4 HOLES AT 6410'. POOH. R/D WIRELINE. OBSERVE TBG FLOW. GOOD COMMUNICATION THROUGH PERFS. RAN IN THE HOLE W/ WIRELINE THROUGH TBG STRING AND TAGGED TOP OFF CEMENT PLUG AT 4001'. EST BOTTOM OF CEMENT IS AT 4936'. CONTACTED HEC REPS AND NMOCD. SDFN

8/26/2020 - CK PRESSURES. TBG- 0 PSI. CSG- 500 PSI. OPEN WELL TO FLOWBACK TANK. WELL FLOW AT 200 BBLS IN 1 HOUR. SWAP OUT CHOKE MANIFOLD. SPOT IN RIG PIT AND PUMP. RECIEVED 11 TBG TAG JTS. OPEN WELL TO FLOWBCK TANK. PERFORM FLOW TEST AND BD WELL. P/U AND LD TBG HANGER. PACKER PULLING FREE. TIH W/ 7 JTS AND TAG AT 6657'. L/D 1 JT. R/U CUTTERS WIRELINE. RIH AND TAG CEMENT INSIDE PIPE AT 4178'. PERF 4 HOLES AT 4170'. POOH. R/D WIRELINE. OBSERVE TBG FLOW. GOOD COMMUNICATION THROUGH PERFS. WAIT ON KILL WEIGHT MUD TO ARRIVE. BULLHEAD 18 BBLS FRESHWATER DOWN CSG AT 1.5BPM 900 PSI DOWN TBG. PREPARED 11.6 PPG KILL WEIGHT MUD. BULLHEAD 18 BBLS KILL WEIGHT MUD DOWN TBG AND 66 BBLS DOWN CSG TO 4170'. SITP AND SICP AT 0 PSI. MONITORED FOR FLOW. SWI. SECURE LOCATION. DEBRIEF CREW. SDFN

8/27/2020 - CK PRESSURES. TBG- 0 PSI. CSG- 0 PSI. OPEN WELL TO RIG PIT. LOAD AND EST CIRC W/ KILL WEIGHT MUD. POOH STANDING BACK TBG STRING. SB 62 STANDS TO CEMENTED JTS. L/D 38 TBG JTS. SWAP OUT TBG TRAILERS. EST END OF TBG AT 1225'. R/U CUTTERS WIRELINE. R/U WL. RIH IN SIDE PIPE TO VERIFY IF PACKER IS ATTACHED. TAGGED UP AT PERFORATIONS AT 1998'. UNABLE TO VERIFY. POOH W/ WL. CONTINUED PULLING TBG OUT OF THE SLOWLY. DID NOT TAG CEMENT CSG PATCH. CONTINUED PULLING ALL THE WAY OUT OF THE HOLE. ACHIEVED SEPARATION FROM PACKER AT ON OFF TOOL. R/D WL. TIH OPEN ENDED AND TAGGED TOP OF FISH AT 6625'. PULLED UP LEAVING END OF TBG ABOVE PERFS AT 6396'. RE- CIRC MUD PIT. WASH UP EQUIP. HEC ENGINEER NOTIFIED MONICA KUEHLING, NMOCD, THAT THE WELL HAS BEEN CLEANED OUT AND TOF IS SITTING BELOW PERFS. VERBAL APPROVAL WAS GIVEN TO SET FIRST PLUG. SWI. SECURE LOCATION. DEBRIEF CREW. SDFN.

8/28/2020 - CK PRESSURES. TBG- 0 PSI. CSG- 0 PSI. SPOT IN NEW KILL WEIGHT MUD. ATTEMPT TO EST CIRC W/ NEW 10.3 PPG KWM. NO LIFT OR CIRC AFTER PUMPING TBG CAPACITY. BACK SIDE HYDROSTATIC PRESSURE WAS CAUSING WELL TO DRINK FLUID. SWAPPED TO CSG AND BULLHEADED 10.3 KWM DOWN TO PERFS. EST GOOD CIRC. ROLLED HOLE AND MONITORED PRESSURES AND PIT LEVELS. MIXED AND PUMPED PLUG #1 AS BALANCED PLUG TO COVER ENTRADA FORMATION W/ 30 SKS 15.8 PPG 1.15 YIELD 6.14 BBLS SLURRY F/ 6233' TO 5975'. L/D 10 JTS AND STOOD BACK 20 STANDS. WOC CEMENT 4 HRS. TIH AND TAG TOP OF CEMENT AT 6004'. L/D 2 JTS BRINGING END OF TBG TO 5939'. WASH UP EQUIP. SHUT IN WELL. SECURE LOCATION. DEBRIEF CREW. SDFWE.

8/31/2020 - CK PRESSURES. TBG- 0 PSI. CSG- 0 PSI. ROUND TRIP TBG STRING. L/D PLUGGED JTS. TIH LEAVING END OF TBG STRING AT 5330'. CIRCULATE FULL WELLBORE. MIXED AND PUMPED PLUG #2 AS BALANCED PLUG TO COVER DAKOTA FORMATION W/ 25 SKS 15.8 PPG 1.15 YIELD 5.12 BBLS SLURRY F/ 5330' TO 5115'. L/D 9 JTS AND STOOD BACK 78 STANDS. WOC CEMENT 4 HRS. TIH AND TAG TOP OF CEMENT AT 5137'. L/D 31 JTS BRINGING END OF TBG TO 4481'. ROLL HOLE W/ 100 BBLS FRESHWATER. MIXED AND PUMPED PLUG #3 AS BALANCED PLUG TO COVER GALLUP FORMATION W/ 20 SKS 15.8 PPG 1.15 YIELD 4.09 BBLS SLURRY F/ 4481' TO 4309'. L/D 29 TBG JTS. MIXED AND PUMPED PLUG #4 AS BALANCED PLUG TO COVER MANCOS FORMATION W/ 18 SKS 15.8 PPG 1.15 YIELD 3.68 BBLS SLURRY F/

3529' TO 3375'. L/D 10 TBG JTS. STAND BACK 10 STANDS. REVERSE CIR 18 BBLS. WASH UP EQUIP. SHUT IN WELL. SECURE LOCATION. DEBRIEF CREW. SDFN.

9/1/2020 - PJSM W/ RIG CREW AND CEMENTING CREW. CK PRESSURES. TBG- 0 PSI. CSG- 0 PSI. TRIP IN THE HOLE W/ 10 STANDS LEAVING END OF TBG AT 3200'. MIXED AND PUMPED PLUG #5 AS BALANCED PLUG TO COVER POINT LOOKOUT FORMATION W/ 20 SKS 15.8 PPG 1.15 YIELD 4.09 BBLS SLURRY F/ 3200' TO 3028'. L/D 28 JTS. MIXED AND PUMPED PLUG #6 AS BALANCED PLUG TO COVER CLIFFHOUSE FORMATION W/ 18 SKS 15.8 PPG 1.15 YIELD 3.68 BBLS SLURRY F/ 2277' TO 2123'. L/D 28 JTS. TOOH W/ REST OF TBG STRING. MONICA KUEHLING, NMOC, REQUESTED AN ATTEMPT TO PLUG CHACRA INSIDE/OUT CASING. IF UNSUCCESSFUL, BALANCE PLUG HAS BEEN APPROVED. WAIT ON WIRELINE. R/U WIRELINE. RIH AND PERFORATE 4 HOLES AT 1327'. POOH AND ATTEMPT TO ESTABLISH INJECTION RATE. PRESSURED UP TO 600 PSI. UNABLE TO ESTABLISH INJECTION. MIXED AND PUMPED PLUG #7 AS BALANCED PLUG TO COVER CHACRA FORMATION W/ 30 SKS 15.8 PPG 1.15 YIELD 6.14 BBLS SLURRY F/ 1380' TO 1122'. L/D 18 TBG JTS. MIXED AND PUMPED PLUG #8 AS BALANCED PLUG TO COVER PICTURED CLIFFS FORMATION W/ 50 SKS 15.8 PPG 1.15 YIELD 10.24 BBLS SLURRY F/ 775' TO 345'. L/D REMAINING TBG JTS. MONICA KUEHLING, NMOC, CALLED REGARDING SURFACE PLUG, IT WAS AGREED TO PERF HOLES AT 100' TO CIRCULATE CMT TO SUFACE. R/U WIRELINE. RIH AND PERFORATE 4 HOLES AT 100'. ESTABLISH CIRCULATION OUT BRADENHEAD. R/D WL. N/D BOPE. N/U WELLHEAD TREE. MIXED AND PUMPED PLUG #9 AS INSIDE/OUTSIDE SURFACE PLUG W/ 35 SKS 15.8 PPG 1.15 YIELD 7.16 BBLS SLURRY F/ 100' TO SURFACE. CIRCULATED GOOD CEMENT RETURNS. DIG OUT WELLHEAD. WASH UP EQUIP. SHUT IN WELL. SECURE LOCATION. DEBRIEF CREW. WOC SURFACE PLUG OVER NIGHT. SDFN.

9/2/2020 - PJSM W/ RIG CREW AND CEMENTING CREW. CK PRESSURES. TBG- 0 PSI. CSG- 0 PSI. CUT OFF WELLHEAD. TAG CEMENT IN PRODUCTION CSG DOWN 2' AND AT SURFACE IN ANNULUS. WELD ON DHM. TOP OFF CELLAR W/ 12 SKS. R/D RIG AND EQUIPMENT.

Well Name: SALTY DOG SWD #5

API / UWI 3004532900	Surface Legal Location T29N-R14W-S16	Field Name Ignacio Blanco Entrada	Route 0204	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 5,213.00	Original KB/RT Elevation (ft) 5,223.10	KB-Ground Distance (ft) 10.10	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 9/4/2020 9:19:21 AM

