

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

5. Lease Serial No. NMSF078214
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and or No. SW142
8. Well Name and No. MCCORD 13
9. API Well No. 30-045-09315-00-S1
10. Field and Pool or Exploratory Area UNNAMED
11. County or Parish, State SAN JUAN COUNTY, NM

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator SOUTHLAND ROYALTY COMPANY LLC	
Contact: CONNIE BLAYLOCK Email: CBLAYLOCK@MSPARTNERS.COM	
3a. Address 400 W 7TH STREET FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-334-7882
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T30N R13W SESW 0970FSL 1720FWL 36.794098 N Lat, 108.195267 W Lon	

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Workover Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

SRC performed a workover operation on 11/8/18-11/16/18 on the McCord 13.  
Please see the attached Daily Reports for the procedure followed, Gas Analysis, CBL, and MIT.

NMOC

FEB 21 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Electronic Submission #447601 verified by the BLM Well Information System For SOUTHLAND ROYALTY COMPANY LLC, sent to the Farmington Committed to AFMSS for processing by SHANNON FACHAN on 02/15/2019 (19JWS0002SE)	
Name (Printed/Typed) CONNIE BLAYLOCK	Title REGULATORY TECH
Signature (Electronic Submission)	Date 12/13/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	DAVID J MANKIEWICZ Title FIELD MANAGER MINERALS	Date 02/15/2019
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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McCord 013 Job Summary – Repair Downhole Failure

11/01/2018	11/1/2018 WSU DWS 30 & SUPPORT ARRIVED AT 14:00. SI SUPPORT EQUIPMENT. MIRU WSU. RU SUPPORT EQUIPMENT. SDFN.
11/02/2018	11/2/2018 PJSM. FCP=120 PSI, SITP=145 PSI. PUMP 50 BBLS WATER TREATED W/BIOCIDE VIA ANN. VENT OFF TBG & CSG GAS. WELL DEAD. ND WH, NU BOP. XO PIPE RAMS T/1-1/2". RU FLOOR. UNLAND PROD W/2-3/8 PJ. BO LD 2-3/8" X 7-1/16 HANGER & 2-3/8" X 1-1/2" XO. XO ELEVATORS T/1-1/2". POOH LD T/TRAILER 199 JTS, SN 1 JT 1-1/2" PROD. CLOSE BLINDS. XO PIPE RAMS, SLIPS, TONG HEAD T/2-3/8". TALLY 2-3/8" L-80 WS, PU MU 3-7/8" JUNK MILL, 4-1/2" CASING SCRAPER, 2-3/8" REG x 2-3/8 EUE BIT SUB, 2-3/8" MJ, RIH T/6365'W/195 JTS, TAG IS SOLID. WORK A FEW TIMES, TAG IS SOLID. POOH STANDING BACK, 81 STANDS T/1020'. CLOSE & LOCK PIPE RAMS, INSTAL TIW W/CAP. WELL SI & SECURE. SDFWE.
11/03/2018	11/3/2018 INACTIVE
11/04/2018	11/4/2018 INACTIVE
11/05/2018	11/5/2018 PJSM. SICP=300 PSI, SITP=300 PSI. BH=100 PSI. PUMP 30 BBLS WATER VIA TBG T/KILL. POOH 31 JTS. BO LD MILL, SCRAPER & BIT SUB. PU MU 4-1/2" BOT RBP & BOT PACKER. PUMP 20 BBLS VIA CSG, RIH W/RBP & PACKER T/6180'. SET RBP F/6180' T/6171'. LD 1 JT, ROLL HOLE T/CLEAR GAS & FILL (70 BBLS). SET PKR AT 6150', PT RBP T/800 PSI – GOOD TEST. BD BH, W/PKR AT 6150', PT CG T/575 PSI – HOLDING & STARTING T/BUILD. BLED OFF CSG, TIGHTEN PIPE RAM DOOR, PSI T/~580. CALL OFFICE, DECIDE T/GET TEST TRUCK & CHART PSI. AT ~11:21 W/630 PSI ON CSG, START RECORDER. AFTER 53 MIN, PSI AT ~705 PSI. INSTAL GAUGE ON BH, 0 PSI. TBG OPEN. BLED CSG DOWN T/~550 PSI. HOLD PSI FOR 30 MIN, FP=600 PSI. BH=8 PSI. AFTER 2.5 HRS BH=25 PSI. POOH T/SFC W/PKR. BO LD PACKER & RBP SETTING TOOL. FILL CSG. CLOSE & LOCK BLINDS. WELL SECURE. LEFT GAUGE IN BH & OPEN. SDFN.
11/06/2018	11/6/2018 PJSM. SICP=20 PSI, BH=60 PSI. BD CSG. ND B SECTION. SEALS ARE IN POOR CONDITION. REMOVE OLD SEAL, CLEAN & REPLACE SEALS. NU B SECTION. TEST VOID T/2000 PSI – GOOD TEST. RELEASE BRT. MIRU WELL CHECK. MAKE SURE CSG FULL, CLOSE BLINDS, PT T/560 PSI – LOOSING ~1 PSI PER MIN. FOUND DRIP FROM STEM ON CSG VALVE, FIX & RE-TEST. STILL LOOSING ~1 LB PER MIN. STARTED LEAKING F/1" ABOVE BOP. OPEN & CLOSE BLINDS, LOCK & RE-TEST. TEST #3 LOST ~25 LBS IN 35 MIN, BUT FLAT FOR LAST 10 MIN. DISCUSS W/OFFICE, WOO. CALL FOR WL TRUCK T/PULL CBL. WO WL TRUCK. PULL CBL F/RBP AT 6171' T/SFC. CEMENT TOP APPEARS T/BE ~5200' W/POOR T/NO CMT T/SFC. BLUE JET WILL EMAIL CBL T/FT WORTH & AZTEC OFFICE. RD WL TRUCK. SECURE WELL. SDFN.
11/07/2018	11/7/2018 PJSM. SICP=0 PSI, BH = 79 PSI. RIH W/RBP RETRIEVING TOOL T/6153'. SWAB BACK 52 BBLS T/RIG PIT. RIH T/6171', LATCH ONTO 4-1/2" RBP & EQUALIZE. RELEASE RBP, ALLOW RUBBERS T/RELAX, POOH T/SFC. BO LD RBP & SETTING TOOL. PU MU CIBP & SETTING TOOL. RIH, SET 4-1/2" CIBP AT 800'. LD 1 JT, CIRC HOLE & PT T/700 PSI – GOOD TEST. POOH T/SFC. LOAD CSG, CLOSE BLINDS, PT T/2100 PSI – GOOD TEST. RD STRIPPING HEAD. MI RU BLUEJET WL. RIH, TIE INTO CBL, SHOOT 3 EA .5" HOLES AT 330'. POOH WL. CLOSE BLINDS, PUMP INTO HOLES AT ~1 BPM AT 100 PSI. SD PUMP. NO CHANGE IN BH GAUGE INDICATING 90 PSI WHEN SHOT OR PUMPED INTO. RD WL. RU STRIPPING HEAD. PU MU 4-1/2" CEMENT RETAINER, RIH SET AT 268' (DUE T/TBG CONNECTION). LD 1 JT. INSTAL TBG VALVE W/CAP, CLOSE & LOCK PIPE RAMS. WELL SECURE, SDFN.



McCord 013 Job Summary – Repair Downhole Failure

11/08/2018	11/8/2018 PJSM. BH=90 PSI. BD BH. FILL TBG/CSG ANN. BO 1" F/BH, RU 2". MIRU A PLUS CEMENT. PJSM W/ALL. EST RATE W/CMT TRUCK, BH CIRC AFTER 18 BBLS, SD AT 20 BBLS. MIX CLASS G CEMENT AT 15.6 PPG, PUMP VIA TBG THRU RETAINER. AT 15 BBLS SLURRY (75 SKS) STARTED GETTING GREY WATER F/BH. AT 24 BBLS (117 SKS) RETURNS ARE GOOD CMT. SI BH PUMP ADDITIONAL 6.5 BBLS (33 SKS) HESITATING ATTEMPTING T/SQUEEZE & GET SOME PSI. DID NOT GET ANY PSI WHILE PUMPING. DISPLACED W/5 BBLS WATER, STING OUT OF RETAINER, REVERSE CLEAN, POOH T/SFC. WASH UP & RD. SECURE WELL. SDFN.
11/09/2018	11/9/2018 PJSM. THAW VALVES. SICP=0 PSI. BH HAS CEMENT T/VALVE. B/O BH LINE T/CASING HEAD, CMT T/SFC. TALLY, PU MU 3-7/8" JUNK MILL, BIT SUB. 6 EA 3-1/8" OD DC'S, XO, 2-3/8" L-80, RIH TAG AT 267'. LD 1 JT, PU MU PS. MU 1 JT, BREAK CIRC, D/O CEMENT RETAINER F/267' T/268'+, THEN SOLID CMT T/340' W/RATTY CMT T/350'. RIH T/773'. ROLL HOLE, CLOSE PIPE RAMS, PT CSG T/560 PSI, FALLS QUICKLY T/500 PSI THEN DROPPING ~1 PSI PER MIN. DECIDE T/POOH, FILL & TEST AGAINST BLIND RAMS. POOH, STAND BACK 6 STANDS, LD 6 JTS, STAND BACK 3 STANDS DC'S, BO LD BS & MILL. FILL CSG, CLOSE & LOCK BLINDS, PT T/600 PSI. PSI FELL T/345 IN 1 MIN 55 SEC, SLOWING DOWN AT ~300 PSI. OVER 20 MIN WENT F/600 T/219. CONSULT ENGINEER. BLEED OFF, SECURE WELL. SDFWE.
11/10/2018	11/10/2018 INACTIVE
11/11/2018	11/11/2018 INACTIVE
11/12/2018	11/12/2018 PJSM. BH=0 PSI, SICP=0 PSI. PUMP VIA CSG T/BREAK & EST A RATE. BUMP PSI T/2000, SD PUMP. PSI DROPS SLOWLY. LET PSI FALL T/400, ENGAGE PUMP WALK PSI T/2000, SD PUMP. PSI FALLS FASTER T/400. KICK PUMP IN & HOLD AT SLOW RATE, START PUMPING INTO AT >8 – 1.0 BPM AT ~1450 PSI. CALL A PLUS FOR CMT TRUCKS & G CEMENT. RIH 2-3/8 T/355'. AFTER CEMENTER GETS TO LOCATION & GOING OVER NUMBERS, I BELIEVE WE NEED TO REGROUP. CALLED ENGINEER & DISCUSS, DECIDE BEST T/RUN CR. CALLED FOR CR. POOH. PU MU CR, RIH. SET CR TOP AT 295', BTM AT 296'. START PUMPING W/CMT TRUCK, ~1 BPM AT 1500 PSI, PSI CLIMBING SLOWLY. START 15.6 PPG G NEAT AT .3 - .4 BPM AT 1800 PSI, DROPPING T/1500 PSI. STARTED HESITATING BRIEFLY W/5 BBLS (~24 SKS) SLURRY PUMPED & CONT PUMPING & HESITATING FOR ADDITIONAL 3 BBLS (~40 SKS) SLURRY W/PUMP PSI REMAINING AT .3-.4 BPM AT ~1800 PSI. HESITATED 15 MIN, PSI AT 0, PUMP AT .3-.4 BPM AT 1800 PSI 1.7 BBLS SLURRY, HESITATE ANOTHER 15 MIN, PSI AT 100, PUMP AT .3-.4 BPM AT ~1900 PSI 1.7 BBLS SLURRY. HESITATE 20 MIN, PSI AT 200, PUMP AT .2-.3, ~.5 BBLS & PSI WALKS UP T/2000 PSI, DROPS T/1900 AND HOLDS. HOLD 5 MIN, BLEED DOWN T/1100 PSI SI TBG VALVE. BLEED CMT LINES T/0. PUMPED 12 BBLS SLURRY (59 SKS) 15.6 PPG G NEAT CEMENT W/NO ADDITIVES. RD CMT LINE F/TBG, RELEASE & STING OUT OF RETAINER. REVERSE OUT, POOH T/SFC 9 JTS. WASH UP CMT TRUCKS, RD & RELEASE. A PLUS RECOMMENDING WAIT MIN OF 24 HRS ON CMT, FINISHED PUMPING AT 15:15. WILL WAIT TILL 11/14 T/DRILL OUT. SECURE WELL SD.
11/13/2018	11/13/2018 INACTIVE
11/14/2018	11/14/2018 PJSM. SICP=0 PSI, BH=0PSI. PUMU MILL, RIH 6 EA 3-1/8" DC'S, 3 JTS 2-3/8 L-80, PU 4TH JT TAG AT 294'. LD 1 JT, PU PS BREAK CIRC, D/O F/294' T/340'. RIH W/PS T/382', HANG BACK PS. RIH 6 STANDS T/773'. POOH STANDNG BACK T/382', POHH LD 6 JTS, POOH STANDING BACK 6 EA 3-1/8" DCS'. LOAD HOLE, VERIFY FULL, CLOSE BLINDS &

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	PT CSG T/727 PSI. AFTER 8-1/2 MIN 722 PSI, WE BLED DOWN T/558 PSI. HELD 31 MIN F/558 T/560 PSI. OCD WILL NOT WITNESS TILL TOMORROW. DRAIN PUMP & DRAIN WATER DOWN T/CSG VALVE. SI & SECURE WELL. SDFN.
11/15/2018	<p>11/15/2018</p> <p>PJSM. BH=0 PSI, SICP=0 PSI. MIRU WELLCHECK, LOAD CSG W/BLINDS OPEN T/FILL. CLOSE BLINDS. PERFORM MIT W/OCD WITNESS. PT T/560 PSI, AFTER 35 MIN PSI AT 542, BUT HELD FLAT LAST 10 MIN. MIT PASSED. RD RELEASE WELLCHECK. PU MU 3-7/8" MILL, RIH 6 EA 3-1/8" DC'S, 9 STANDS &amp; PU 1 JT, D/O CIBP AT 800'. HANG BACK PS, LD 1 JT, RIH STANDS F/DERRICK T/6365'KB, TAG UP. POOH 2-3/8" L-80 WS LD T/TRAILER. LD 6 EA 3-1/8" DC'S. SWAP TRAILERS OUT. TALLY, PU RIH 2-3/8" 4.7# J-55 BB, W/SV INSTALLED, MSC TJ, NEW 1.780" ID SN, 68 JTS T/2150'. PUMP 6 BBLS WATER VIA TBG. CLOSE &amp; LOCK PIPE RAMS, INSTAL TBG VALVE W/CAP. CSG T/SALES. SDFN.</p>
11/16/2018	<p>11/16/2018</p> <p>PJSM. BH=0 PSI, SITP=10 PSI, CP=60 PSI. BD TBG &amp; CSG. CONT RIH 2-3/8" 4.7# J-55. INSTAL HANGER &amp; LAND 2-3/8' 4.7# J-55 PROD AS FOLLOWS: MSC TJ, NEW 1.780" ID SN, 202 JTS BB SRC INVE TBG. EOT=6343.62'KB, SN=6310.35'KB. TBG HAS SV INSTALLED, LOAD W/20 BBLS, PT T/450 PSI – GOOD. PUMU LUBRICATOR. RIH SL W/SWAB ASSEMBLY. RECOVER 23 BBLS. RIH SL W/OVERSHOT, RECOVER SV. RIH SL W/1.90 OD BROACH T/SN – GOOD. RD LD LUBRICATOR. ND BOP, NUWH. CP AT 34 LBS, TBG HAS LITE BLOW. SI WELL. RD WSU DWS 30 &amp; RELEASE T/YARD.</p> <p>15 GAL - NON RIG FUEL 8 HRS VENTING *****FINAL REPORT*****</p>

