

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. 30-039-26214 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. 314509 |
| 7. Lease Name or Unit Agreement Name EUL CANYON SWD |
| 8. Well Number 1 |
| 9. OGRID Number 370292 |
| 10. Pool name or Wildcat (96159) ENTRADA-CHINLE |

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> SWD |
| 2. Name of Operator SOUTHLAND ROYALTY COMPANY LLC |
| 3. Address of Operator 400 W 7TH ST, FORT WORTH, TX 76102 |
| 4. Well Location Unit Letter <u>M</u> : <u>1105</u> feet from the <u>S</u> line and <u>780</u> feet from the <u>W</u> line Section <u>24</u> Township <u>32N</u> Range <u>06W</u> NMPM County <u>RIO ARRIBA</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6346' |

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 checked="" 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.

Work began 4/30/2015:
Pulled tubing and packer, redressed packer.
RIH and set packer, test casing.
Performed passing MIT.
Returned well to injection as of 5/4/2015.

NMOC
OCT 01 2019
DISTRICT III

Spud Date:

09/25/1999

Rig Release Date:

05/04/2015

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

SIGNATURE Connie Blaylock TITLE REGULATORY TECH DATE 9/30/2019

Type or print name CONNIE BLAYLOCK E-mail address: cblaylock@mspartners.com PHONE: 817-334-7882

For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 10/17/19

Conditions of Approval (if any):

RV

EUL CANYON SWD 1

Failed MIT Job started on 4/30/2015 Job finished on 5/4/2015

| Well Name | API/UWI | Location | County | State/Prov | Operator |
|------------------|------------|----------|------------|------------|----------|
| EUL CANYON SWD 1 | 3003926214 | | Rio Arriba | New Mexico | SRC |

Daily Operation Reports (6am to 6am)

4/30/2015 Job days 1.0 Report # 1.0

Operation Summary # 1

ROAD WSU LF 16 F/SJ32-5#107S T/EUL CANYON SWD#1. MISI LF RIG RAMP, MIRU WSU LF 16. CONT MISI SUPPORT EQUIPMENT AND RU. INSTALL TWO WAY CHECK, CUT OFF INJECTION LINE. ND WH AND SEND INTO BIG RED TOOL FOR INSPECTION. NU BOP STACK. REMOVE TWO WAY CHECK. MIRU WELLCHECK. PERFORM MIT ON CSG. PRESSURE UP T/500 PSI, LOST 140 PSI IN 30 MIN. MONITOR TBG DURING MIT, MAINTAINED 295 PSI, NO GAIN NO LOSS. RD, RELEASE WELLCHECK. SECURE WELL, SDFN.

5/1/2015 Job days 2.0 Report # 2.0

Operation Summary # 1

SITP=300 PSI, SICP=283 PSI, BH=210 PSI. PUMP 100 BBLS 10# BRINE VIA TBG, TBG = 0 PSI, CSG F/283 T/5 PSI. INSTALL LANDING JT. ATTEMPT T/PULL HANGER, FINALLY PULLED AT 95K. PULLED T/100K ONLY GET 25", WORK MULTIPLE TIMES, UNABLE T/GET MORE THAN 25". WORK 3 ROUNDS INTO TBG AND WORK ATTEMPTING T/ PULL AT MAX OF 104K, NO LUCK. CONT WORKING, PULLED T/110K AND PACKER RELEASES, WELL STARTED T/FLOW. PUMP 120 BBLS 10# VIA CSG. FOUND TBG COLLARS WILL NOT PULL THRU 3-1/2" RUBBER. W/O LARGER RUBBER. INSTALL 4-1/2" WASHINGTON HEAD RUBBER, POOH 3-1/2". 30 STANDS OUT, PUMP 100 BBLS 10# VIA CSG. 72 STANDS OUT, FBT IS FULL. HAVE NOT BEEN ABLE T/KEEP HOLE FULL W/10# DUE T/RUBBER LEAKING, WELL CONTINUES T/FLOW w/0 PSI W/2" OPEN. SDFN, GET FBT EMPTY AND REFILL FT W/10#. WELL SECURE, SDFN.

5/2/2015 Job days 3.0 Report # 3.0

Operation Summary # 1

SIBHP=240 PSI, SITP=0 PSI, SICP=155 PSI. PUMP 320 BBLS 10# BRINE VIA CSG, CP T/0 PSI. CONT POOH 3-1/2". BO LD 5-1/2" PACKER ASSEMBLY. POOH 3-1/2" AS FOLLOWS: 1 JT, 1 EA 10', 1 EA 4', 277 JTS, 1 EA X NIPPLE, 1 JT, 3-1/2 X 2-7/8 XO, L-10 ON/OFF TOOL, 5-1/2" HORNET PACKER, 1 EA 2-7/8 PUP JT, 2-7/8 F NIPPLE, 2-7/8 PUP JT, 2-7/8 R NIPPLE AND PUMP OUT SUB. BO LD BHA, VISUALLY INSPECT ALL NIPPLES AND BHA. REPLACE ALL NIPPLES W/NEW, MU BHA, RIH AS FOLLOWS: WLEG (2.44 ID), XN NO-GO SN (2.313 ID X PROFILE W/2.205 ID NO-GO), 2-7/8 N-80 PUP JT, X NIPPLE (2.31 ID), 2-7/8 N-80 PUP JT, BAKER HORNET BAKER (2.35 ID), L-10 ON/OFF TOOL (2.31 ID), XO 3-1/2 B X 2-7/8 P (2.43 ID), 1 JT 3-1/2 N-80 IPC TBG (2.99 ID), XN NIPPLE (2.81 ID), 277 JTS 3-1/2 N-80 IPC TBG, 1 EA 4' X 3-1/2 N-80 IPC PUP JT, 1 EA 10' X 3-1/2 N-80 IPC PUP JT, 1 JT 3-1/2 N-80 IPC TBG AND HANGER, SET HORTNET PAKER W/26K COMPRESSION. EOT=8603' KB, BAKER HORNET PACKER = 8576' KB. MIRU WELLCHECK, TEST CSG T/500 PSI, GAINED ~22 PSI, NO LEAK OFF. FINISH LOADING TBG, PUMPED 75 BBLS AND TBG NOT LOADING, MUST HAVE LOST PUMP OUT PLUG. SECURE WELL, SDFN.

5/3/2015 Job days 4.0 Report # 4.0

Operation Summary # 1

SICP = 348 PSI, SITP = 0 PSI, SIBHP = 240 PSI. OPEN TBG, WENT ON VAC, OPEN CSG, BLEW DOWN QUICKLY. MI RU PHOENIX SLICK LINE. RIH 1.906" GR T/8664' KB, NO PLUG IN EOT AT 8603' KB, TAG FL AT 1000'. POOH SL. RIH 2.31" X PROFILE PLUG AND SET IN X NIPPLE AT 8592' KB. POOH. RIH PLUG PRONG AND SET INTO PLUG. POOH. NOTE - SL DEPTH INDICATED 40' DEEPER FOR X NIPPLE, USED TALLY DEPTHS FOR RECORDS. LOAD TBG W/RIG PUMP (6 BBLS) AND PT TBG T/550 PSI, ISOLATED AND HOLD 5 MIN - GOOD TEST. RELEASE TBG PSI. J OFF PACKER. RU T/CIRC, CIRC 400 BBLS FRESH WATER W/BIOCIDE AND PACKER FLUID VIA CSG. ENGAGE ON/OFF TOOL T/PACKER. PULL TEST 15K OVER T/115K - GOOD TEST. RESET HANGER, PT CSG T/500 PSI W/RIG PUMP, HANGER SEALS LEAKING. SI STACK, RE-TEST CSG T/500 PSI - GOOD TEST. TIW OPEN DURING TEST, NO RETURNS VIA TBG. WILL REPLACE SEALS IN AM WHEN ND BOP, NU WH. SECURE WELL, SDFN.

5/4/2015 Job days 5.0 Report # 5.0

Operation Summary # 1

SIBHP = 240 PSI, TP = 0 PSI, SICP = 94 PSI. BLEED OFF CSG. ND BOP. MI RU BIG RED TOOL. REPLACE HANGER SEALS, NU REBUILT WH. MI RU WELLCHECK, CHART TEST ON CSG - GOOD TEST. MI RU PHOENIX SL. RIH, LATCH PLUG PRONG @ 8592'KB, POOH. RIH, LATCH PLUG @ 8592'KB, POOH. PERFORM WITNESSED MIT W/OCD - GOOD TEST, ALL PASSED. WELD ON FLANGES, RE-INSTALL INJECTION LINE, CLEAN UP LOCATION, RD WSU LF 16. RELEASE WSU TO SJ 30-4 #28. RELEASE T/PRODUCTION.

*** NOTE FOR FUTURE WORK: SW = 99K, TOOK 100K TO PULL HANGER WHEN J OFF TO CIRC PACKER FLUID. 3-1/2" RUBBER WILL NOT ALLOW TBG COLLARS THRU, NEED 4" RUBBER, 4-1/2" SLIGHTLY TO LARGE WILL LEAK, WELL SWABBED WHILE PULLING TO 9-5/8".***

EUL CANYON SWD #1 WELLBORE DIAGRAM

DATA

ELEV: KB 6,360'
GL 6,346'
CORR 14'

LOCATION: 1,105' FSL, 780' FWL, UNIT M, SEC 24, T32N, R6W
36.96176° N, 107.41489° W
4.5 MILES S FROM ARBOLES, CO.

COUNTY/STATE: RIO ARRIBA CO., NM

FIELD: ENTRADA/CHINLE

FORMATION: BLUFF

SPUD DATE: 9/25/99 **COMPLETION DATE:** 12/2/99

IP:

API#: 30-039-26214 **SWD ORDER:** SWD-761

PRODUCTION METHOD: SWD

TUBING STRING: 3-1/2" 9.3# N-80 IPC TBG

PACKER: BAKER HORNET (Ni COATED) PKR @ 8,576'.

PERFS: BLUFF: 8,640'-70' & 8,690'-8,750', 2 JSPF (OPEN)

ENTRADA : 8,905'-9,000', 1 JSPF (UNDER RBP @ 8,860').

