

30-039-27563

RIO ARRIBA

Form C-103

Revised March 25, 1999

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO.

~~30-045-31317~~

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

STRAWBERRY SNAP COM

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO AN
 DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
 PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MERRION OIL & GAS CORPORATION (014634)

8. Well No.

001

3. Address of Operator

610 Reilly Avenue, Farmington, New Mexico 87401-2634

9. Pool name or Wildcat

BASIN FRUITLAND (71629)

4. Well Location

Unit Letter K : 2275 feet from the South line and 1950 feet from the West lineSection 32 Township 30N Range 07W NMPM San Juan County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 6200'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: Perf, Frac and Tubing Reports ☒

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

3/24/03 MIRU Professional Well Service. Spot pump, pit and related surface equipment. Spot frac tanks and start filling with 2% KCl water (water from City of Bloomfield). NU BOP. Receive and tally 2-3/8" tubing. TIH with 4-3/4" bit, bit sub on 2-3/8" tubing. Tag up on DV tool at 2486' KB. PU power swivel and break circulation (reverse) and start drilling. Drilled on DV tool for ~ 2 hours (made ~ 8"). Ran out of daylight. Circulate hole clean, pull up ~ 60'. SDON.

3/25/03 Cont'd drilling on DV tool. Drld approx. 16" (2' total) when string torqued up, unable to go down and pulled tight while pulling up. LD 2 jts and got completely stuck. Worked pipe free, LD 3 more jts before coming completely free. TOH discovered casing scrapper had fallen apart (3 blade spacers had fallen off but all 4 pads remained intact), called for magnet and junk mill. Run magnet in hole on sand line. Made several attempts but never recovered anything more than metal shavings. LD magnet, TIH with 4-3/4" junk mill. TIH to 3150' (5' above PBD) and never hit anything. Circulated hole clean, TOH. SDON.

CONTINUED OTHER SIDE

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

SIGNATURE

TITLE

Drlg & Prod Manager

DATE

4/03/03

Type or print name

Steven S. Dunn

Telephone No.

(505) 327-9801

(This space for State use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

APR - 7 2003

✓

- 3/26/03** RU Black Warrior Wireline Company, run DEN/GR/CCL logs from PBTD (3151') to 1152'. Correlated logs to Induction log on Ired State #1A. RD loggers, RU American Energy Services (AES). Pressure test casing to 3000# - held OK. RD AES. TIH with tubing to 3012'. RU AES and spot 250 gal of 7.5% HCl acid across perforations interval. RD AES, pull up to 2000'. RUTS. Swab casing down (made 8 runs total). TOH with tubing. RU BWWC, RIH with 4" casing guns perforate 2966'-3011' (3 spf - total of 135 holes). RD BWWC. RU Halliburton wellhead isolation tool. Spot American Energy frac trucks and equipment. Secure location, SWI & SDON. 1 stage scheduled for 07:30 hrs 3/27/03.
- 3/27/03** RU American Energy Services and pressure test pumps/lines to 5000#. Held safety meeting. Spearhead 250 gal of 7-1/2% HCl prior to frac. Continued straight into pad. Pumped 12,925 gal 20# x-link gel pad in 70Q foam. Frac well with approx. 55,000# of 20/40 Brady Sand in 20# x-link gel in 70Q foam. Pumped sand in 1, 2 and 3 ppg stages. Discovered that breaker was being pumped at 3 times the scheduled amount causing gel to break prematurely causing well to screen out during 3 ppg. Bled pressure back and tried to pump back into formation with x-linked gel (fluid) only. Well pressured back up to 4200 psi after pumping ~ 12 bbls. Bled pressure down to 800#, remove isolation tool and let well flow back thru 1/4" choke to pit. After 2 hrs pressure was down to 300#. Opened well thru 2" and let pressure bleed down. RU BWWC, RIH with CCL, did not find any sand across perforations. NU isolation tool. RU AES and pressure test pumps/lines to 5000#. Held safety meeting. Load hole with 20# x-link gel, continued pumping into formation at ~1800#, started nitrogen and continued straight into pad. Pumped 12,925 gal 20# x-link gel pad in 70Q foam. Frac well with approx. 110,000# of 20/40 Brady Sand in 20# x-link gel in 70Q foam. Pumped sand in 1, 2, 3 and 4 ppg stages. AIR - 25 BPM, MIR - 25 BPM, ATP - 2205#, MTP - 3100#. SD @ 16:50 hrs 3/27/03. Total fluid pumped: 366 bbls, total nitrogen: 717,713 scf. ND isolation tool, open well thru 1/4" choke to pit at 18:30 hrs 3/27/03. Well making sand/nitrogen and water/foam. Secure location and left well flowing to pit.
- 3/28/03** Found well flowing back gas, sand and foam. Shut well in. RU BWWC, RIH with cast iron "locking frac plug" with bio-degradable ball sealer and set at 2950'. RU AES and pressure test plug to 2500# - held OK. TIH with tubing and tag at 2890'. RIH with sinker bar (thru tubing) on sinker bar and confirm fill at 2890'. RD BWWC. RU pump and lines and attempt to circulate out sand/fill - unable to go down. TOH, PU 4-3/4" bit, bit sub and RIH on 2-3/8" tubing. PU power swivel and drill/circulate out sand. Circulate hole clean and TOH. RU BWWC and RIH with 4" csg guns and perforate the following: 2922' - 2938' and 2890' - 2904', 3 spf - total of 90 holes, EHD: 0.34". RD BWWC, NU wellhead isolation tool. RU AES and pressure test pumps/lines to 5000#. Spear head 500 gal of 7.5% HCl, saw break at ~ 1000#, continued pumping straight into pad. Pumped 8875 gal 20# x-link gel pad in 70Q foam. Frac well with approx. 60,000# of 20/40 Brady Sand in 20# x-link gel in 70 Q foam. Pumped sand in 1, 2, 3 and 4 ppg stages. AIR: 26 BPM, MIR: 27 BPM, ATP: 3155#, MTP: 4210#. SD @ 17:45 hrs 3/28/03. Total fluid pumped: 245 bbls, total nitrogen: 568,603 scf. Screened out at end of 4 ppg stage. Release pressure off well thru 1/4" choke. Let pressure fall to 2500#. ND isolation tool and RD frac equipment. Open well thru 1/4" choke to pit at 19:00 hrs 3/28/03. Well making sand/nitrogen and water/foam. Secure location and left well flowing to pit.
- 3/29/03** Found well flowing back gas, sand and foam at 200 psi. Shut well in to replace washed out fittings. Well built up to ~ 300 psi in about 30 min. Opened well back up thru 1/4" choke. Well making medium to light sand with small amount of fluid. Will continue to let well flow to pit to clean up. Secure location and SD until Monday.
- 3/31/03** Found well flowing back gas with no sand. Take off choke and let well blow down. TIH with 4-3/4" bit, bit sub and 2-3/8" tubing, found 5' of fill on top of BP. Rig up Red Man air package and break circulation with 1400-1600 scf of air with 10 BW/hr and 3/4 gal/hr of soap. CO sand and drill out BP. Chase BP to 2980'. Continue drilling and chasing BP to ~3000'. Slow going, well making heavy sand. Blow well at 3000' for 30 min. TOH, install 1/4" choke and let well flow overnight. Secure location and SDON.
- 4/01/03** Found well flowing thru 1/4" choke at 75 psi. TIH, tag approx. 3' of fill. Break circulation with air and continue chasing BP to bottom. Well making heavy sand. Blow well for 1-1/2 hour making soap sweeps every 15-20 minutes. Well cleaned up, little to no sand. TOH, LD bit and bit sub. TIH with notched collar on bottom and SN on top of bottom joint. TIH with 2-3/8" tubing to PBTD, no fill. LD 6 joints, install donut and land tubing in well head. Tubing string as follows: 90 joints of 2-3/8" tubing with notched collar and seating nipple on top of bottom joint. Bottom of tubing at 2952' KB. ND BOP and NU well head. Shut well in. Ready equipment and rig to move. Note: left derrick in air (need to modify before moving to U-Da- Well #2). Had trouble screwing in lock down bolts on well head (will have well head tech look at in morning.) WO Tie-in.