

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-045-27342

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name

SANTA FE 20

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

Merrion Oil & Gas Corporation (014634)

8. Well No.

004 (7840)

3. Address of Operator

610 Reilly Avenue, Farmington, NM 87401-2634

9. Pool name or Wildcat (85520)
Snakeys Eyes Dakota 'D'

4. Well Location

Unit Letter I : 2310 Feet From The south Line and 990 Feet From The east Line

Section 20 Township 21N Range 8W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

6576' GL

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

Merrion Oil and Gas Corporation plans to Plug & Abandon the above referenced well
per the attached procedure.

RECEIVED
MAY 21 1998

OIL CON. DIV.
DIST. 3

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

SIGNATURE Connie Dinning TITLE Consulting Engineer DATE 5/20/98

TYPE OR PRINT NAME Connie Dinning TELEPHONE NO. 505.327.9801

(This space for State Use)

APPROVED BY Johnny Robinson DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 21 1998

CONDITIONS OF APPROVAL IF ANY: * P.A. prior to 5-1-98

PLUG AND ABANDONMENT PROCEDURE

4-27-98

Santa Fe 20 #4
Snakes Eyes Dakota
2300' FSL and 990' FEL / SE, Sec. 20, T21N, R8W
San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Merriam safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 2-3/8" tubing (132 joints EUE 4.7# at 4187' w/SN 4178); visually inspect the tubing. If necessary LD tubing and PU 2" workstring.
4. **Plug #1 (Dakota perforations and top, and 2-7/8" liner top, 4647' - 4139')**: RIH with open ended tubing to 4647', or as deep as possible. Pump 20 bbls water down tubing. Mix 33 sxs Class B cement and spot a balanced plug inside the liner and 4-1/2" casing. PU above cement. Shut in well and WOC. RIH and tag cement. Load casing with water and pressure test to 500#. If casing does not test, then spot or tag subsequent plug as appropriate. POH to 3335'.
- *5. **Plug #2 (Gallup top, 3335' - 3235')**: Mix 12 sxs Class B cement and spot balanced plug inside casing over Gallup top. POH to 925'.
- *6. **Plug #3 (Mesaverde top, 925' - 825')**: Mix 12 sxs Class B cement and spot balanced plug inside casing over Mesaverde top. POH to 276'.
7. **Plug #4 (4-1/2" Casing shoe at 226')**: Establish circulation out casing valve. Mix and pump approximately 20 sxs Class B cement down tubing to fill casing from 276' to surface, circulate good cement out casing valve. POH and LD tubing. Shut in well and WOC.
8. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Santa Fe 20 #4

Current

Snake Eyes Dakota

SE, Section 20, T-21-N, R-8-W, San Juan County, NM

Today's Date: 4/27/98

Spud: 7/15/89

Completed: 8/4/90

Elevation: 6576' GL
6588' KB

PC @ Surface

Mesaverde @ 875'

Gallup @ 3285'

Dakota @ 4582'

Entrada @ 5620'

12-1/4" Hole

8-3/4" Hole

3-7/8" Hole

Circulated 18 Bbls Cement to Surface

9-5/8" 36#, K-55 Csg set @ 226'
Cmt w/179 cf (Circulated to Surface)

2-3/8" Tubing Set at 4187'
(132 jts, 4.7#, EUE,SN @ 4178')

DV Tool @ 2233'
Cmt w/ 500 sxs

TOC @ 2730' (CBL)

Liner Top @ 4189'

TOC @ Liner Top

4-1/2" 11.6#, K55 Casing set @ 4296'
Cmt w/ 352 sxs

Dakota Perforations:

4585' - 4587'

4620' - 4672' (Sqzd with cement)

2-7/8" 6.4# NU Casing @ 4900'
Cmt with 300 sxs
(Circulate cmt above liner top)

Entrada Plugged from 5690' to
5490' before 4-1/2" casing set.

PBTD 4647'

TD 5699'

Santa Fe 20 #4

Proposed P&A

Snake Eyes Dakota

SE, Section 20, T-21-N, R-8-W, San Juan County, NM

Today's Date: 4/27/98

Spud: 7/15/89

Completed: 8/4/90

Elevation: 6576' GL

6588' KB

PC @ Surface

Mesaverde @ 875'

Gallup @ 3285'

Dakota @ 4582'

Entrada @ 5620'

12-1/4" Hole

8-3/4" Hole

3-7/8" Hole

Circulated 18 Bbls Cement to Surface

9-5/8" 36#, K-55 Csg set @ 226'
Cmt w/179 cf (Circulated to Surface)

Plug #4 276' - Surface
Cmt with 20 sxs Class B

Plug #3 925' - 825'
Cmt with 12 sxs Class B

DV Tool @ 2233'
Cmt w/ 500 sxs

TOC @ 2730' (CBL)

Plug #2 3335' - 3235'
Cmt with 12 sxs Class B

Plug #1 4647' - 4139'
Cmt with 33 sxs Class B

Liner Top @ 4189'

TOC @ Liner Top

4-1/2" 11.6#, K55 Casing set @ 4296'
Cmt w/ 352 sxs

Dakota Perforations:
4585' - 4587'
4620' - 4672' (Sqzd with cement)

2-7/8" 6.4# NU Casing @ 4900'
Cmt with 300 sxs
(Circulate cmt above liner top)

Entrada Plugged from 5690' to
5490' before 4-1/2" casing set.

PBTD 4647'

TD 5699'