
5/01/01 MIRU American Energy Services. Pressure test pumps and lines to 5000#. Spearhead frac with 250 gal of 15% HCl acid. Pump 21,750 gal pad of 25# gel. Frac Dakota with 145,000# of 20/40 Super LC sand in 25# gel. Pumped sand in 1, 2, 3 & 4 ppg stages. Job complete at 1340 hrs 5/1/01. ISIP: 2140#, 5 min: 1265#, 10 min: 960#, 15 min: 715#. ATP: 2250#, MTP: 3100#, AIR: 30 BPM, MIR: 35 BPM. Total fluid pumped 2033 bbls. SD for 1 hour to let sand settle. RIH with 4-1/2" RBP (TIW). Set RBP at 6105'. RIH with dump bailer and dump approx. 20 gals of 15% HCl. RIH with 3-1/8" csg gun and perforate Graneros from 6070'- 6080' (3 spf - total of 30 holes - 0.32" EHD). RD Blue Jet. RU AES. Pressure test pumps and lines to 5000#. Spearhead frac with 250 gal of 15% HCl acid. Pump 7250 gal pad of 25# cross-linked gel. Frac Graneros with 65,000# of 20/40 Super LC sand in 25# cross-linked gel. Pumped sand in 1, 2, 3 & 4 ppg stages. Job complete at 1800 hrs 5/1/01. ISIP: 2,450#, 5 min: 1010#, 10 min: 630#, 15 min: 372#. ATP: 3600#, MTP: 3550#, AIR: 35 BPM, MIR: 35 BPM. Total fluid pumped 798 bbls. Shut well in. RD American Energy Services. Secure location & SD overnight.

5/2/01 MIRU Professional Well Service on 5/2/01. Spot equipment and tubing trailer. Move frac tanks off location (sent to Smith 1E). ND frac valve and NU BOP. Tally 2-3/8" tubing. PU retrieving head and TIH on 2-3/8" tubing. TIH with 182 joints. Tag up on sand/fill at 5838' KB. TOH with 10 stands. Secure location and SDON.

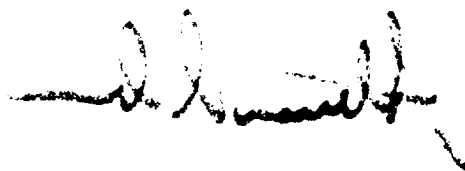
5/3/01 Repair sand line. TIH and tag up on sand/fill. RU pump and lines. Break circulation (reverse) and clean out frac sand to RBP at 6105' KB. Circulate hole clean. Latch onto RBP and open unloader valve, well went on vacuum. TOH with RBP. Lay down RBP and retrieving head. TIH with 20 stands. SWI. Secure location and SDON.

5/4/01 TIH with 2-3/8" tubing. Tag up on sand/fill at 5125'. RU pumps and lines. Break circulation (reverse) and clean out to PBD @ 6345'. Lost approx. 400 bbls of fluid while trying to clean out. TOH with 20 stands. SWI. Secure location and SD for weekend.

5/5-6/01 SD for weekend.

5/7/01 TIH with 188 joints of 2-3/8" tubing. Land tubing @ 6143' KB. Mule shoe on bottom joint and seating nipple on top of bottom joint. ND BOP and NU WH. RUTS. Made 3 swab runs and well kicked off. Initial pressure on casing was 150 psi. Let well flow from 1:30 PM until 6:00 PM. Final pressure: Csg 650 psi, Tbg 550 psi, well flowing good. Recovered approx. 45 bbls of fluid while flowing back. SWI. Plan to make sure well flows OK in morning then rig down and get ready to move to Smith Com 1E. (WE) Note: Tubing: 209 jts on location (188 jts used in well, 20 jts will be transferred to Smith 1E, 1 jt used by MOG roustabouts.)

5/8/01 Found well with 1350# on casing and 900# on tubing. Opened well up and let flow for 1 hour. Casing fell to 1100# and tubing logged off. Ran 1 swab run and well started flowing again. Well making lots of water and flowing good. Recovered approx. 20 bbls. SWI. RDMOL. WO surface equipment.



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

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30-045-30431

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

HEIGHTS COM (026819)

8. Well No.

1E

9. Pool name or Wildcat

BASIN DAKOTA (71599)

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 ☐ Gas Well ☒ Other

2. Name of Operator

MERRION OIL & GAS CORPORATION (014634)

3. Address of Operator

610 Reilly Avenue, Farmington, New Mexico 87401-2634

4. Well Location

Unit Letter M : 400 feet from the South line and 885 feet from the West line

Section 36 Township 30N Range 13W NMPM San Juan, County

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

5545'

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: COMPLETION ☒

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.

4/10/01 MIRU Professional Well Service Rig on 4/11/01. NU BOP, make up mill and casing scraper and PU 100 joints of 2-3/8" tubing, shut down for the day @ 1700 hours 4/10/01.

4/11/01 Continue picking up 2-3/8" tubing, tag DV tool @ 4281', drill DV tool and continue picking up tubing. Tagged float collar @ 6345', circulate hole clean and displace casing with 2% KCl, trip out laying 2-3/8" tubing down, nipple down & rig down to move to disposal well, 4/12/01.

4/30/01 Set frac tanks and fill with 2% KCl water. Install 4-1/2" frac valve. RU Blue Jet and RIH with GR-CCL log. Ran log from PBTD 6345' to 5800'. RIH with dump bailer and dump 15% HCl acid at 6300' (approx. 20 gal). RIH with 3-1/8" casing gun and perforate Dakota 6130'-6136', 6144'-6151', 6162'-6186' and 6196'-6204' (2 spf) and 6257', 6260', 6264' and 6267 (1 spf) - total of 94 holes. Shut in well and SDON. Frac scheduled for 5/1/01.

*** CONTINUED OTHER SIDE ***

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

SIGNATURE

TITLE

Drig & Prod Manager

DATE

5/10/01

Type or print name STEVEN S. DUNN

Telephone No. (505) 327-9801

(This space for State use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN

DEPUTY OIL & GAS INSPECTOR, DIST. # MAY 11 2001

APPROVED BY

TITLE

DATE

Conditions of approval, if any: