

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88201
 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
HOBBS OCD
 OIL CONSERVATION DIVISION
 20 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-103
 Revised July 18, 2013

JUL 17 2018

RECEIVED

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.)		WELL API NO. 30-025-10920
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other - SWD <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Western Refining Company, LP		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 1345 Jal, NM 88252		7. Lease Name or Unit Agreement Name Shell State
4. Well Location Unit Letter L : 1980 feet from the S line and 660 feet from the W line Section 32 Township 235 Range 37E NMPM Lea County		8. Well Number 13
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 248440
		10. Pool name or Wildcat 96108 SWD; Grayburg

12. 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 COMPL
 DOWNHOLE COMMINGLE
 CLOSED-LOOP SYSTEM
 OTHER:

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ALTERING CASING
 COMMENCE DRILLING OPNS. P AND A
 CASING/CEMENT JOB
 OTHER: **Annual Radioactive Tracer Survey**

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.

The radioactive tracer survey was performed on July 12, 2018 and indicated all fluid is going into the perforations. There was no indication of channeling or fluid migration behind the casing. The following activities were performed during this operation:

1. MIRU Wireline
2. Gauge run to TD @ 3928'
3. Record base density log from TD to 2500'
4. Inject radioactive tracer material and follow downhole into perforations; perform channel check
5. Record post survey density log
6. RDMD Wireline

Spud Date: Rig Release Date:

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

SIGNATURE Krystyn Strong TITLE Petroleum Engineer DATE 7/16/18
 Type or print name Krystyn Strong E-mail address: krystyn@lonquist.com PHONE: 832-797-3238
 For State Use Only
 APPROVED BY: Maley & Brown TITLE AO/I DATE 7/17/2018
 Conditions of Approval (if any):

MB



R/A TRACER LOG INTERPRETATION

07/17/2018

PLANT: WESTERN REFINING
C/O: MR. WILL GEORGE
WELL NAME: SHELL STATE 13 SWD # 1

RE: Radioactive Survey ran on 07/12/2018

A Pre Base Log was run from 3928' to 2492' to detect and record background gamma counts.

Iodine 131 was then ejected at a depth of 2650' and pumped down the 2 7/8" Slimhole casing and into the permitted interval. Overlapping logging passes tracked the R/A tracer material as it moved down in the wellbore.

The flow profile log was then repeated and this survey also showed R/A material going out into the permitted interval.

A Stationary Time Drive survey was run with the tool at 3850'. No indications of upward migration were recorded.

A Post Base log was then run from 3928' to 2492' and noted that all R/A material was flushed out of the wellbore into the permitted interval.

A handwritten signature in black ink that reads 'John Croce'.

John Croce
Industrial Logging Department
4119 Chance Ln.
Rosharon, TX 77583

LONQUIST & CO. LLC

PETROLEUM
ENGINEERS

ENERGY
ADVISORS

AUSTIN · HOUSTON · WICHITA · DENVER · CALGARY

July 17, 2018

Mr. Maxey G. Brown,
District 1 Supervisor
New Mexico Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

**RE: WESTERN REFINING COMPANY, LP
SHELL STATE NO. 13 ANNUAL RADIOACTIVE TRACER SURVEY (2018)**

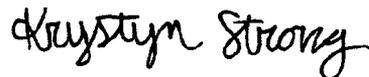
Mr. Brown,

Attached, please find the Radioactive Tracer Survey that was run on the Shell State No. 13 disposal well located at the Western Refining facility, Plant No. 4, 10 miles north of Jal, NM on July 12, 2018.

The Radioactive Tracer Survey indicates all fluid is going into the perforations. There was no indication of channeling or fluid migration behind the casing.

If you have any questions or require any additional information, please contact me at (832) 797-3238.

Sincerely,



Krystyn Strong
Petroleum Engineer
Lonquist & Co., LLC
(713) 987-4292
(832) 797-3238
krystyn@lonquist.com