

INJECTION WELL DATA SHEET

OPERATOR: Energen Resources

WELL NAME & NUMBER: Langlie Lynn Queen Unit #9

WELL LOCATION: 660' FSL, 330' FEL P 22 T-23-S R-36-E Lea
(Footage Location) (Unit Letter) (Section) (Township) (Range) (County)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 9-7/8"

Casing Size: 7-5/8"

Cemented with: 275 sacks (or) _____ ft³

Top of Cement: Surface

Method Determined: Visual

Production Casing

Hole Size: 6-3/4"

Casing Size: 4-1/2"

Cemented with: 200 sacks (or) _____ ft³

Top of Cement: Unknown

Method Determined: _____

Total Depth: 3800'

Injection Interval

3512' feet to 3714' (Indicate whether Open Hole or perforated) perforated

Proposed Tubing Detail

Tubing Size: 2-3/8" J-55

Lining Material: Internal Plastic Coated (IPC)

Type of Packer: Baker "Lok-Set"

Packer Setting Depth: ± 3350'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

Is this a new well drilled for injection? No

no, for what purpose was the well originally drilled? Oil and gas

Name of the Injection Formation: Seven Rivers-Queen-Grayburg

Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg

Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, e. sacks of cement or plug(s) used. No

Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Almat Yates Gas Zone, Top @ approx. 3040'

Completion Record

Perfs: See attached diagram

Acid, Shot, Fracture, Squeeze: _____

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.	30-025-20049
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	23267

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 ☐ Convert to WIW	7. Lease Name or Unit Agreement Name Langlie Lynn Queen Unit
2. Name of Operator Energen Resources Corproation	8. Well No. 9
3. Address of Operator 3300 N. A St, Bldg 4, Ste 100, Midland, TX 79705	9. Pool name or Wildcat Langlie Mattix 7 RVRS/Queen/G3
4. Well Location Unit Letter <u>P</u> : <u>660</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>22</u> Township <u>23S</u> Range <u>36E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3378' KB	

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: Convert to WIW ☐

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.

MIRU WSU, pull all production equipment. TIH w/ RBP to 3,500', pressure test casing to 500 psi for 30 minutes. POH & re-perforate the 7 RVRS/Queen, acidize w/ 3,000 gals. Run injection packer and tubing, perform casing integrity test and begin water injection.

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

SIGNATURE Denise Menoud TITLE Prodc. Tech. DATE 3/13/2002
TYPE OR PRINT NAME Denise Menoud TELEPHONE NO. 915-637-20

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ENERGEN RESOURCES, INC.

Langlie Lynn Unit #9

Lea County, NM

Current Conditions: Jan-99

Active-Pumping

Conductor:

None

Surface Casing:

7-5/8" 24# Smls, ST&C

@ 295' in 11" hole

Cemented to surface

W/275 sx 50/50 Pozmix

GL Elevation: 3378'

KB Elevation: 3388'

Location: 660' FSL, 330' FEL,

Sec 22, T-23-S, R-36-E

Well Head Assembly:

Intermediate Casing:

None

???

?? TOC: unknown

Perfs: 3512-26, 32-50, 56-61, 66-75, 81

3616-30, 38, 40, 42, 46, 56, 88 (2/99)

3588, 90, 3605, 08, 10, 12, 31, 34, 36, 44, 48,

3650, 52, 54, 58, 60, 67, 69, 72, 74, 81, 84, 90, 92, 96, 97,

3702, 11, 14, (4/63)

Frac: 30,000 gal lease oil + 40,000# sand (4/63)

Production Casing:

4 1/2" 9.50# J-55 ST&C

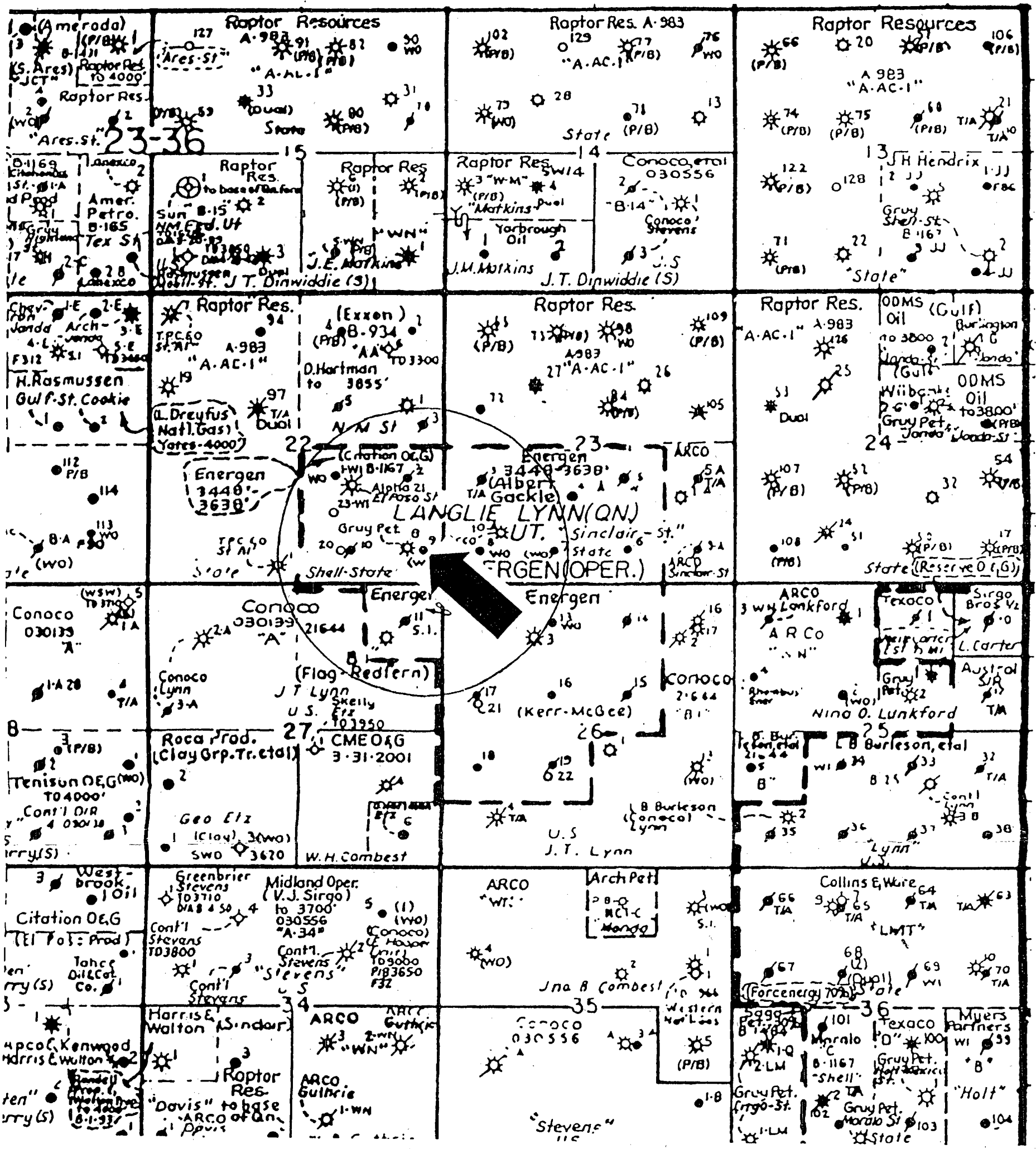
@ 3800' in 6-3/4" hole

200 sx "C" Neat

PBD: 3773'

TD = 3800'

LANGLIE-LYNN #9
LANGLIE-LYNN UNIT
LANGLIE-MATTIX FIELD
T23s – R36E
Lea County, New Mexico
TWO MILE RADIUS



LANGLIE-LYNN #9
LANGLIE-LYNN UNIT
LANGLIE-MATTIX FIELD
T23S - R36E
Lea County, New Mexico
HALF MILE RADIUS