

INJECTION WELL DATA SHEET

OPERATOR: Energen Resources

WELL NAME & NUMBER: Langlie Lynn Queen Unit #3

WELL LOCATION: 1980' FSL, 660' FWL L 23 T-23-S R-36-E Lea
(Footage Location) (Unit Letter) (Section) (Township) (Range) (County)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 11"
Casing Size: 8-5/8"
Cemented with: 260 sacks (or) _____ ft³
Top of Cement: Surface
Method Determined: Visual

Production Casing

Hole Size: 6-1/4"
Casing Size: 4-1/2"
Cemented with: 1100 sacks (or) _____ ft³
Top of Cement: Unknown
Method Determined: _____
Total Depth: 3790'

Injection Interval

3490' feet to 3691' (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: 3458'
Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? No
If no, for what purpose was the well originally drilled? Oil and gas
2. Name of the Injection Formation: Seven Rivers-Queen-Grayburg
3. Name of Field or Pool (if applicable): Langlie Mattix Seven Rivers-Queen-Grayburg

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

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

Completion Record

Perfs: See attached diagram
Acid, Shot, Fracture, Squeeze: _____

Hobbs, NM 87240

First, Artesia, NM 87210

1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

API NO. 30-025-09388
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Langlie Lynn Queen Unit
8. Well No. 3
9. Pool name or Wildcat Langlie Mattix 7 RVRs/Queen/GB

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 Injection

2. Name of Operator
Energen Resources Corporation

3. Address of Operator
3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705

4. Well Location
Unit Letter L : 1980 feet from the South line and 660 feet from the West line
Section 23 Township 23S Range 36E NMPM County Lea

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

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: ☐

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 recompletion.

Note: Well was TA'd from injection in 08/91.

02/16-18/00: MIRUPU, tested 4 1/2" csg to 565# for 45 mins, held good. Retrieved RBP @ 3467'.
Peforated 7 RVRs/Queen @ 3490'-3536', (total of 184 holes). Acidized w/ 3000 gals 15% HCL.

02/19/00: Found new PBD to be @ 3757'.

02/22/00: RIH w/ 2 3/8" tbg & 2 3/8" x 4 1/2" "Lok-Set" injection pkr. Pkr set @ 3458'. Pressure tested csg to 550# for 30 mins, no leak-off. RDPU. Waiting for reinstatement of injection permit.

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

SIGNATURE Denise Menoud TITLE Production Tech. DATE 03/16/2000

Type or print name Denise Menoud Telephone No. (915) 687-2974

This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any:

Langlie Lynn Unit #3
Lea County, NM

Current Conditions: Jan-99
Temporarily Abandoned

Conductor:
None

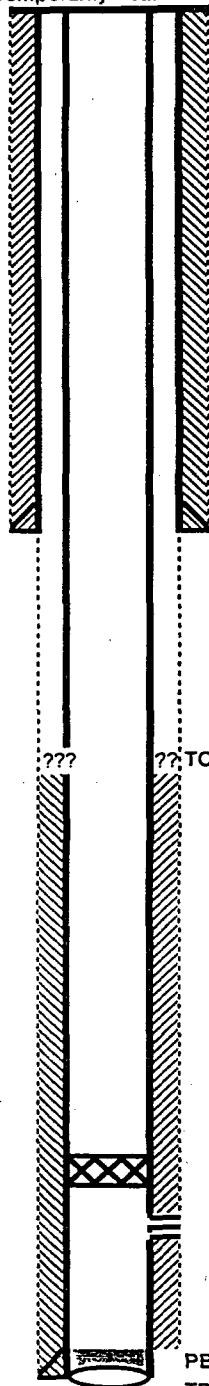
Surface Casing:
8-5/8" 24# J-55, ST&C
@ 259' in 11" hole
Cemented to surface
W/200 sx 50/50 Pozmix

GL Elevation: 3381'
KB Elevation:
Location: 1980' FSL, 660' FWL,
Sec 23, T-23-S, R-36-E

Well Head Assembly:

Intermediate Casing:
None

Production Casing:
4 1/2" 9.50# J-55 ST&C
@ 3790' in 7-7/8" hole
1000 sx 50/50 Pozmix
100 Sx Regular Cement + Latex



??? TOC: unknown

RBP @ 3467' (11/22/91)

Perfs:

7 Rivers: 3536-44, 74-84' (10/60)

'3556-61, 64, 68' (3/90)

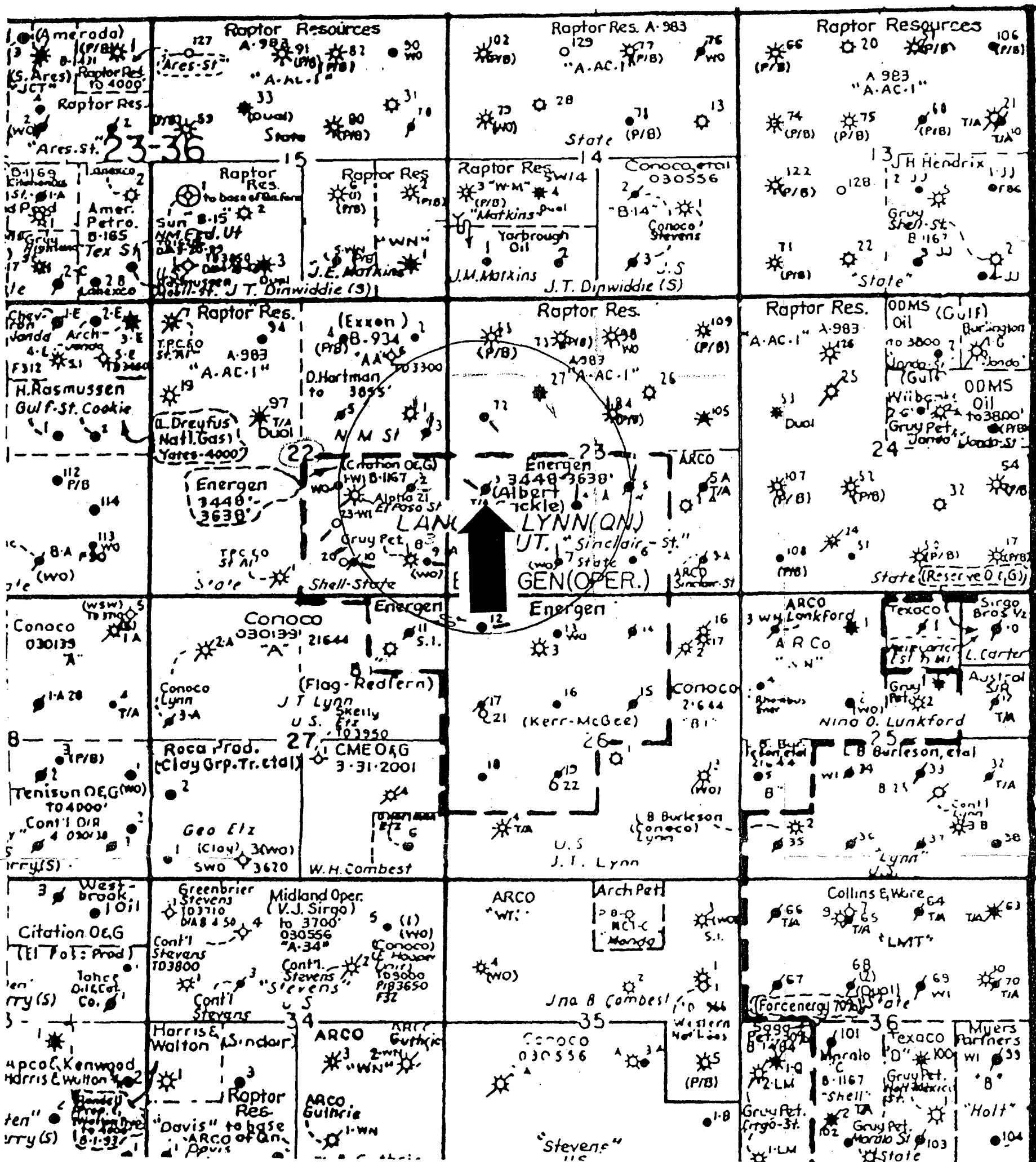
Queen: 3602-10, 13-24, 48-58, 60-64, 68-72' (10/60)

3626-29, 38-45, 48-58, 60-64, 68-72, 82-91' (3/90)

Frac: 20,000 gal lease oil + 30,000# sand (10/60)

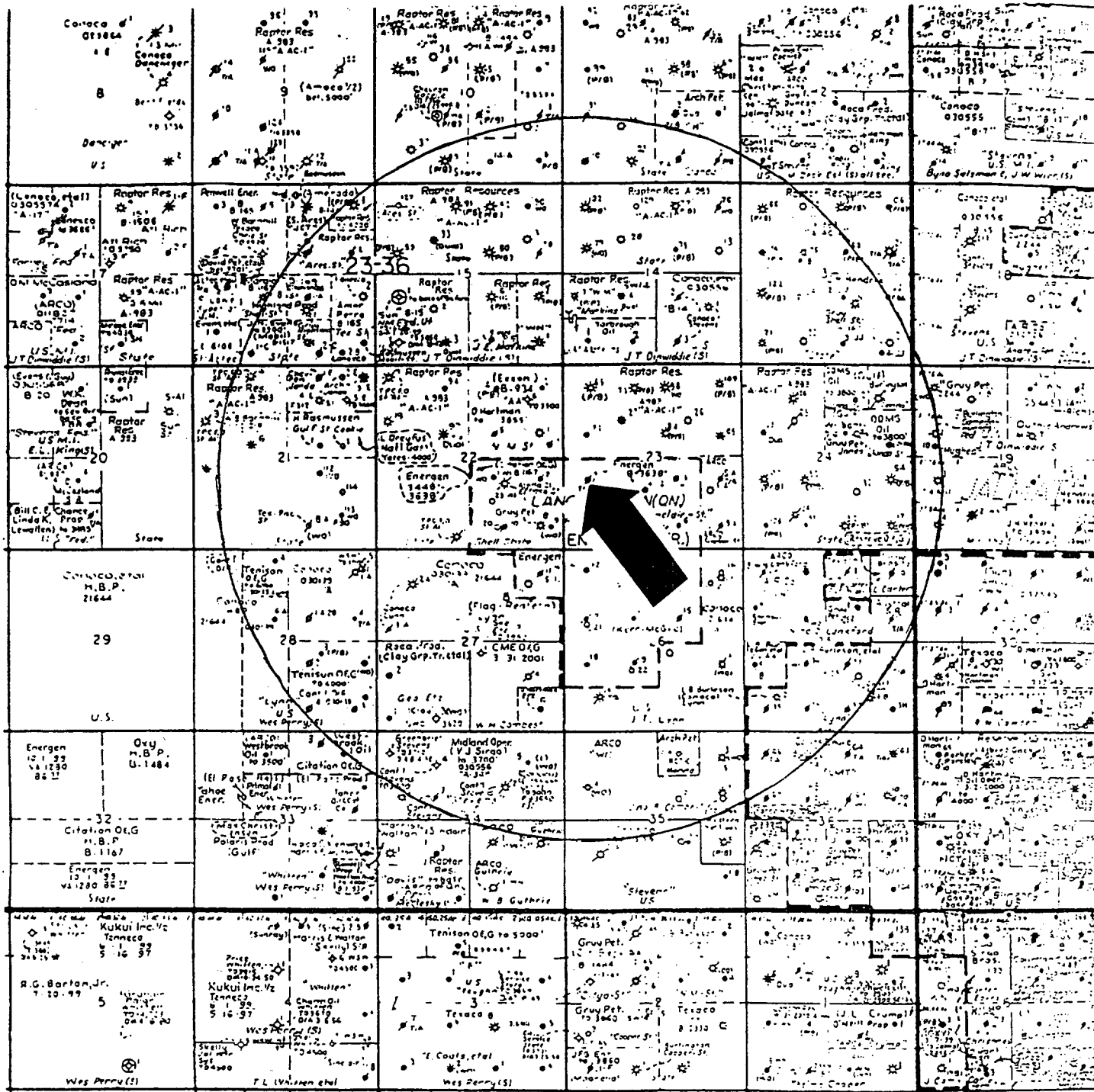
PBD: 3757'

TD = 3790'



LANGLIE-LYNN #3
 LANGLEIE-LYNN UNIT
 LANGLEIE-MATTIX FIELD
 T23s - R36E
 Lea County, New Mexico
HALF MILE RADIUS

D	C	B	A
E	F	G	H
I	K	J	I
M	N	O	P



MILES



0

1

2

LANGLIE-LYNN #3
 LANGLE-LYNN UNIT
 LANGLE-MATTIX FIELD
 T23s - R36E
 Lea County, New Mexico
TWO MILE RADIUS