

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-35585
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: State "33"
8. Well Number 19
9. OGRID Number 162928
10. Pool name or Wildcat Townsend; Permo Upper Penn

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3981' GR
2. Name of Operator Energen Resources Corporation	
3. Address of Operator 3300 N. A Street, Bldg. 4, Ste. 100, Midland, TX 79705	
4. Well Location Unit Letter <u>ND</u> : 330 feet from the <u>North</u> line and 1000 feet from the <u>West</u> line Section 33 Township 15S Range 35E NMPM County Lea	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3981' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input checked="" type="checkbox"/>

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Precision Pressure. RIH w/tandem pressure recorders. Make 2000' gradient stops to 8000' and 1000' gradient stops to mid-perf at 10,779'. POOH
2. MIRU PU
3. Install BOPE
4. Release pkr. Load tubing 2% KCl water if necessary. RIH and tag PBTD.
5. RIH w/CIBP and tubing. Set CIBP at 10740'. Tag CIBP. Circulate hole w/treated 2% KCl water. Pressure test csg. to 500 psig. POOH and lay down tubing.
6. Load casing w/treated 2% KCl water. 7. Notify NMOCD and perform MIT to 500 psig.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been will be constructed or closed according to NMOCD guidelines ☒ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Carolyn Larson TITLE Regulatory Analyst DATE 12-01-05
E-mail address: clarson@energen.com.
Type or print name Carolyn Larson Telephone No. 432/684-3693

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE JAN 25 2006
Conditions of Approval, if any:

ENERGEN RESOURCES CORPORATION

West Lovington Strawn Unit #19ST (Wolfcamp)
Townsend Permo-Penn Field

Lea County, NM

Surface Casing:

13-3/8" 48#, H-40 ST&C
@ 402' in 17-1/2" hole
Cement to surface
w/ 300 sx Class "C" + 4% gel + 2%
CaCl₂ & 1/4# of Cello Flake/sx,
Tailed with 100 Sx Class "C" +
2% CaCl₂ & 1/4# of Cello Flake/sx,
Circulated 106 sx to pit

Intermediate Casing:

8-5/8" 32#, K-55 & HCK-55 @ 4818'
Cement to surface with
1,200 sx 50/50 Poz "C" + 10% Gel,
5% Salt, 3# Gilsonite, 1/4#/sack
Tailed w/ 200 sx Class "C" + 1% CaCl₂,
Gilsonite, 1/4#/sack Cello Flakes
Circulated 135 sx to pit

Perf: 11,614-11,624' & 11,582-11,600'

Cmt Retainer @ 11,650'

Strawn Perfs: 11,662'-11,682' Sqz'd w/100 sx

Production Casing:

5 1/2" HCL-80 & L-80 17.00# set @ 11,908'
w/ 1000 sx 50/50 Poz/ "H" + 1# salt,
2% gel & 1/4# of Cello Flake/sack
TOC: 8462' CBL

Cut & Removed to 8400' (5/23/2002)

New Production Casing:

5 1/2" HCL-80 & L-80 17.00# LT&C R-3 set @ 12,123'
Cement w/ 500 sx Class H w/additives
Tailed w/1000' sx Batch Mix 50/50 Poz "H" w/additives
TOC: Est. 4500'

Status: Shut-In
112/1/2005

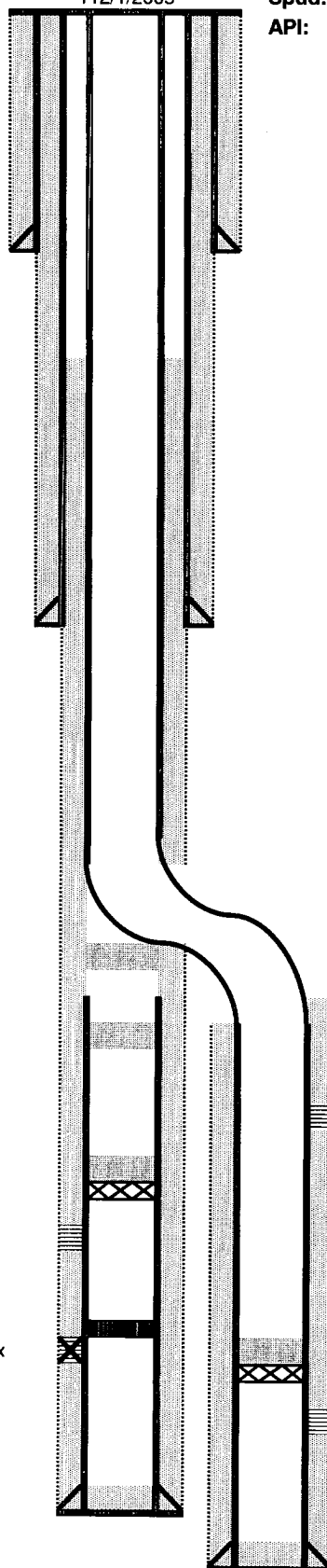
GL Elevation: 3994'

KB Elevation: 4011'

Location: 330' FNL X 1000' FWL,
Sec 33, T-15-S, R-35-E

Spud: 07/20/2001

API: 30-025-35585



402'

4818'

200 sack Kick Plug 7598-7390

50 sack cmt plug set @ 8524

CIBP @ 11,550' w/2 sx cmt

KOP: 7390'

Wolfcamp Perfs: 10,774-10,784 (3 JSPF 120 degree phasing)

CIBP set @ 11,776' w/3 sx cmt

Perf: 11,846-11,868' & 11,877-11,887'

PBD: 12,075'

TD: 12,125' MD