

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  
 June 19, 2008

AUG 2 2013  
 RECEIVED

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

WELL API NO. <b>30-025-35585</b>
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 <b>19</b>
9. OGRID Number <b>162928</b>
10. Pool name or Wildcat <b>Lovington; Strawn West</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3981' GR</b>

**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  
**Energen Resources Corporation**

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

4. Well Location  
 Unit Letter **D** : **330** feet from the **South** line and **1000** feet from the **West** line  
 Section **33** Township **15S** Range **35E** NMPM County **Lea**

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

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  P AND A   
 CASING/CEMENT JOB

OTHER:  OTHER:

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.

See attached procedure to plug

OIL CONSERVATION DIVISION - Hobbs office Must Be Notified  
 24 hours prior to the beginning of Plugging Operations.

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 *Jenifer Sorley* TITLE Regulatory Analyst DATE 8/1/13  
 Type or print name Jenifer Sorley E-mail address: jenifer.sorley@energen.com PHONE 432-818-1732

For State Use Only

APPROVED BY *[Signature]* TITLE DIST MGR DATE 8-20-2013  
 Conditions of Approval (if any):  
 AUG 21 2013

# ENERGEN RESOURCES CORPORATION

State 33-19 (Wolfcamp)  
Formerly West Lovington Strawn Unit #19ST  
Lea County, NM

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

**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

200 sack Kick Plug 7598-7390  
50 sack cmt plug set @ 8524  
CIBP @ 11,550' w/2 sx cmt  
Perf: 11,614-11,624' & 11,582-11,600'  
Cmt Retainer @ 11,650'  
Strawn Perfs: 11,662'-11,682' Sqz'd w/100 sx

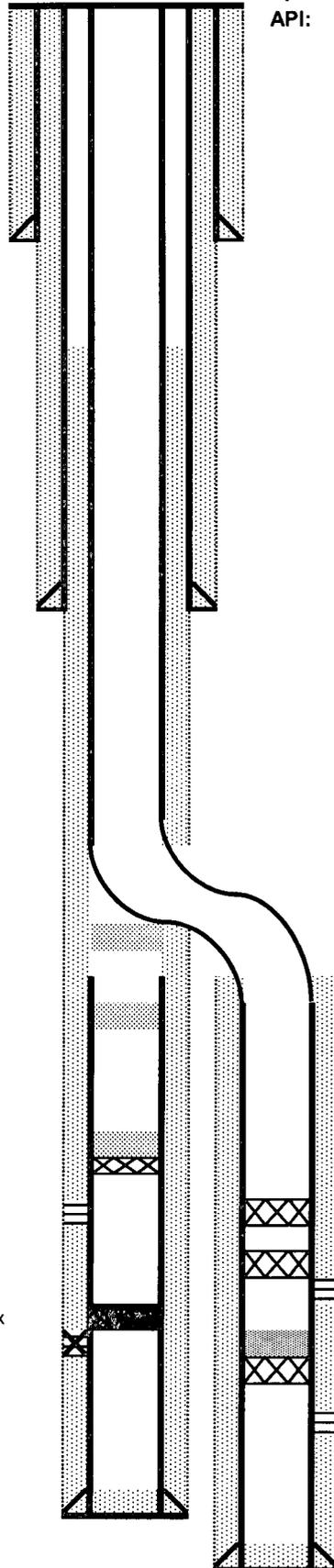
**Production Casing:**

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  
4/25/2006



**Formation Tops**  
Yates: 3,055'  
7 Rivers: 3,195'  
Queen: 3,885'  
San Andres: 4,590'  
Glorieta: 5,195'  
Tubb: 7,405'  
Abo: 8,145'  
Wolfcamp: 10,062'  
Strawn: 11,582'

KOP: 7390'

CIBP set @ 10,732'  
CIBP set @ 10,770'  
Wolfcamp Perfs: 10,774-10,784 (3 JSPF 120 degree phasing, 12/2003)  
CIBP set @ 11,776' w/3 sx cmt  
Perf: 11,846-11,868' & 11,877-11,887'

PBD: 12,075'  
TD: 12,125' MD

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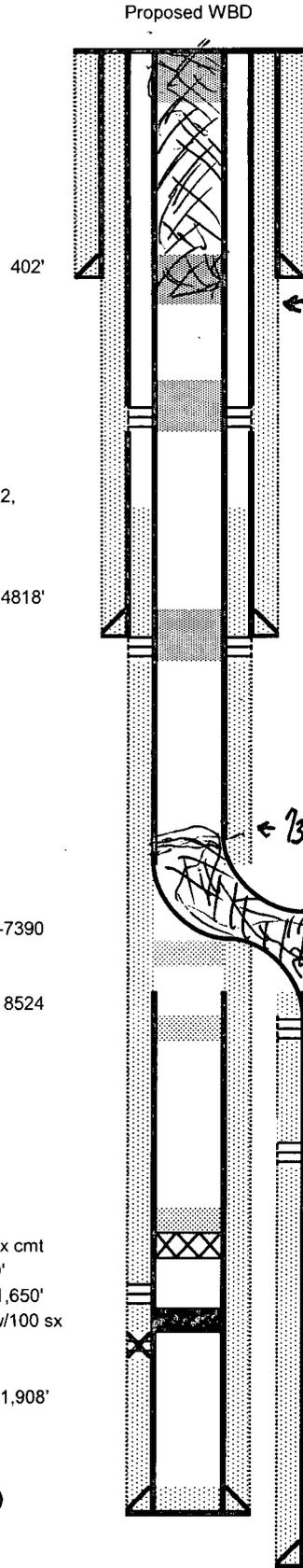
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Proposed WBD

402'

PERF @ 450' - Circ cmt to Surface  
12 Sack cement plug from 450'-350'

Perforate squeeze holes @ 1,900'. Squeeze and displace cement plug from 1,900'-1,800' with 35 sxs. WOC-TAG

PERF & SQ 25 sx cmt @ 2900 WOC-TAG

4818'

4875'  
Perforate squeeze holes @ 4,850'. Squeeze and displace cement plug from 4,850'-4,750' with 35 sxs. WOC-TAG

4875'

200 sack Kick Plug 7598-7390

50 sack cmt plug set @ 8524

KOP: 7390'

Perforate squeeze holes @ 7,405'. Squeeze and displace cement plug from 7,405'-7,305' with 35 sxs. WOC-TAG

Perforate squeeze holes @ 10,062'. Squeeze and displace cement plug from 10,062'-9,962' with 35 sxs. WOC-TAG

35 sack cement plug on CIBP from 10,732'-10,440'.  
CIBP set @ 10,732' ✓ CIRLOWELL W/MLF

CIBP set @ 10,770'  
Wolfcamp Perfs: 10,774-10,784 (3 JSPF 120 degree phasing, 12/2003)

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

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PBD: 12,075'  
TD: 12,125' MD

**State -33-19**

Lea County, NM

330' FNL and 1000' FWL  
Sec 33, T15S, R35E  
API — 30-025-35585  
Spud Date: 7/20/2001

Plug & Abandon Procedure

- 1** MIRU Well Service Unit. NDWH, NU BOP.
- 2** RIH and tag CIBP @ 10,732'. Spot 35 sxs cement on CIBP.
- 3** Perforate at 10,062'. Pump 35 sxs cement plug and displace to 9,962', WOC.
- 4** Perforate at 7,405'. Pump 35 sxs cement plug and displace to 7,305', WOC.
- 5** Perforate at 4,850'. Pump 35 sxs cement plug and displace to 4,750', WOC & Tag.
- 6** Perforate at 1,900'. Pump 35 sxs cement plug and displace to 1,800', WOC.
- 7** Spot 100' cement plug from 450'-350'. WOC & Tag.
- 8** Spot 12 sxs from 100' to surface.
- 9** Cut off all casing strings at base of cellar or 3' below restored ground level.
- 10** Cover wellbore with metal plate welded in place or with cement cap.
- 11** Erect capped abandonment marker inscribed with well information.
- 12** Cut off dead man anchors and fill in cellar.
- 13** Clean and restore location to natural condition and fulfill any and all regulatory

Prepared by: Brian Hillger

8/1/2013