

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

HOBBS OCS
DEC 12 2016
RECEIVED
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 <input type="checkbox"/>	WELL API NO. 30-025-31831
2. Name of Operator Energen Resources Corporation	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 3510 N. A Street, Bldgs. A & B Midland, TX 79705	6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>A</u> : <u>990</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>East</u> line Section <u>1</u> Township <u>16S</u> Range <u>35E</u> NMPM County <u>Lea</u>	7. Lease Name or Unit Agreement Name: West Lovington Strawn Unit
	8. Well Number 6
	9. OGRID Number 162928
	10. Pool name or Wildcat Lovington; Strawn, West
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3973' GR	

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐
CASING/CEMENT JOB ☐
INT TO PA ☒
P&A NR _____
P&A R _____

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 P & A PROPOSED PROCEDURE.
Thank you.

**NOTE CHANGES
TO PROCEDURE**

**NOTIFY OCD 24 HOURS PRIOR TO BEGINNING
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 Brenda Rathjen TITLE Regulatory Analyst DATE 12/08/2016
brenda.rathjen@energen.com
Type or print name Brenda F. Rathjen E-mail address: _____ PHONE 432-688-3323

For State Use Only

APPROVED BY Mark Whitaker TITLE Petroleum Engr. Specialist DATE 12/13/2016
Conditions of Approval (if any): _____

ENERGEN RESOURCES CORPORATION

WLSU 6, API # 30-025-31831

AFE # PB16500119, \$52,000

990' FNL, 660' FEL

Sec. 1, T-16-S, R-35-E

Lea County, NM

The WLSU 6 (formerly Earnestine State #2) was spud 01/29/1993, and was completed 03/18/93 as a Strawn producer. The well is no longer economic to produce, and needs to be P&A'd.

For scope changes during work, stop and discuss with engineering before proceeding

API:	30-025-31831	KB:	3990.5'	PBTD:	11,764
Spud Date:	1/29/1993	GLE:	3973'	TD:	11,800'

Plug and Abandon Procedure

SAFETY CONSIDERATIONS

Observe all Energen Guidelines for PPE and H2S Safety
Observe perforation and contractor safety guidelines
Wireline and explosives on location while perforating
Workstring should be in good condition and tested to 5000 psi.
BOP should be in good working condition and tested
Rig anchors will need to be tested prior to MIRU
Keep a TIW valve open and on the rig floor at all times
Notify FAA five days prior to starting P&A operations
Notify the NM OCD 24 hours prior to starting P&A operations

Meet with engineer, superintendents, and consultant prior to beginning the job, to assure that everyone is agreement with the procedure.

Bid as a turnkey project.

- 1 MIRU Well Service Unit.
- 2 Bleed well down.
- 3 NDWH
- 4 Unset pump. POOH w/ rods and pump.
- 5 NU adapter flange and BOP for 5-1/2" csg and 2-7/8" tubing. Test to 500 psi above working pressure.
- 6 POOH and LD production string.
- 7 Unload and rack 12,000' 2-7/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 8 RIH with workstring. Circulate hole to 10 ppg mud.
- 9 POOH. RIH, set CIBP @11,400', and dump bail 5 sx cmt or 25 sx "H" cmt through tubing
- 10 RIH w/ workstring and packer. Tag cmt above CIBP. *CIRC. Hole w/ mud 1200' fluid & pressure tes*
- 11 Perforate and squeeze at 7400' w/ 30 sxs cement plug and displace to 7300'. (Tubb) *9500' Wolfcamp csg to 500 psi*
- 12 WOC and tag. *9600'*
- 13 Perforate and squeeze at 4800' w/ 40 sxs cement plug and displace to 4700'. (shoe) *Perf & SQZ at 6500' w/ 30sx. WOC & TAG*
- 14 WOC and tag.
- 15 Pull uphole, spot 40 sxs Class "C" cement at 3100' (base salt) *WOC & TAG*
- 16 Pull uphole, spot 40 sxs Class "C" cement at 1900' (top salt) *WOC & TAG*
- 17 Spot cement from 473' to surface (shoe) *13 3/8 x 8 5/8, 8 5/8 x 5 1/2, & 5 1/2 csg*
- 18 ND BOP. Top off well with cement. Verify cement to surface all strings.
- 19 RD and clean location.
- 20 Cut off all casing strings at base of cellar or 3' below restored ground level.
- 21 Cover wellbore with metal plate welded in place or with cement cap.
- 22 Erect capped abandonment marker inscribed with well information.
- 23 Cut off dead man anchors and fill in cellar. RDMO.
- 24 Clean and restore location to natural condition and fulfill any and all regulatory requirements.

ENERGEN RESOURCES CORP

WLSU 6

(formerly Earnestine State #2)

LEA COUNTY, NM

Conductor:
None

Surface Casing:

13-3/8", 48#, H-40 @ 423' in
17-1/2" hole w/ 440 sx "C" w/
2% CC, circ. 100 sx

Intermediate Casing:

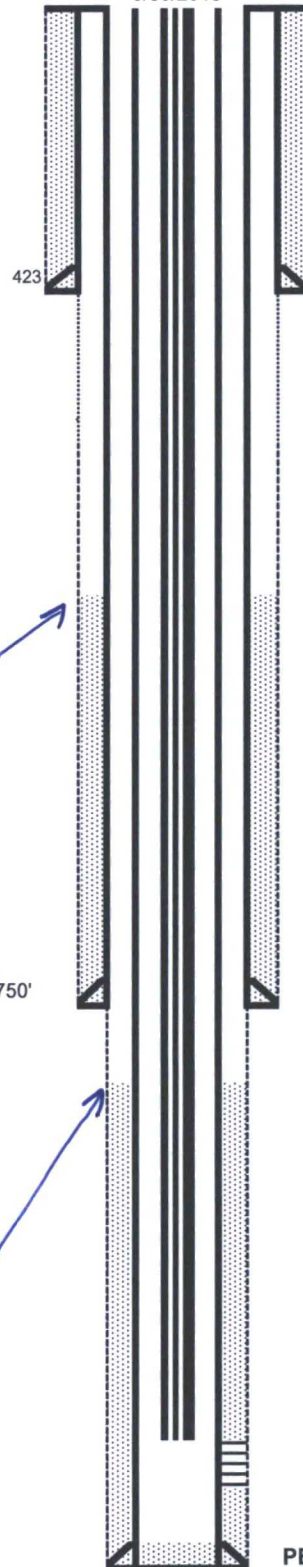
8-5/8", 32#, S-80 & J-55 @
4750' in 11" hole w/ 550 sx
"C" 35/65 Poz and 200 sx "C"
w/ 1% CC, TOC 2095' by T.S.

Production Casing:

5-1/2", 17#, N-80 & S-95
@ 11,800' in 7-7/8" hole w/
750 sx "H". TOC @ 8925' by
T.S. Top 8400' pulled and
replaced w/ 5-1/2", 17#, w/
575 sx

Current Condition Rod Pump

6/30/2016



GL Elevation: 3973'

KB Elevation: 3990.5'

Location: 990' FNL,
660' FEL

Sec 1, T-16-S, R-35-E

Spud: 01/29/1993

API : 30-025-31831

Tops:

Rustler: 1851

Yates: 3052'

San Andres: 4690'

Glorieta: 6542'

Tubb: 7424'

Abo: 8140'

Wolfcamp: 9688'

Penn: 10,918'

Strawn: 11,668'

Atoka: 11,738'

Production equipment:

1-1/2"x30' polish rod

184x1.25 Fibercom rods

164x1" Norris 97 rods

24x1/5 "C" sinker bars

1'x1" lift sub

25-125-HXBC-30-5-4-SV, .006 fit, 333"

2-7/8" tbg

Strawn perfs:

11,480-11,500'

11,510-11,540'

PBTD: 11,764'

TD: 11,800'

KRP 021816

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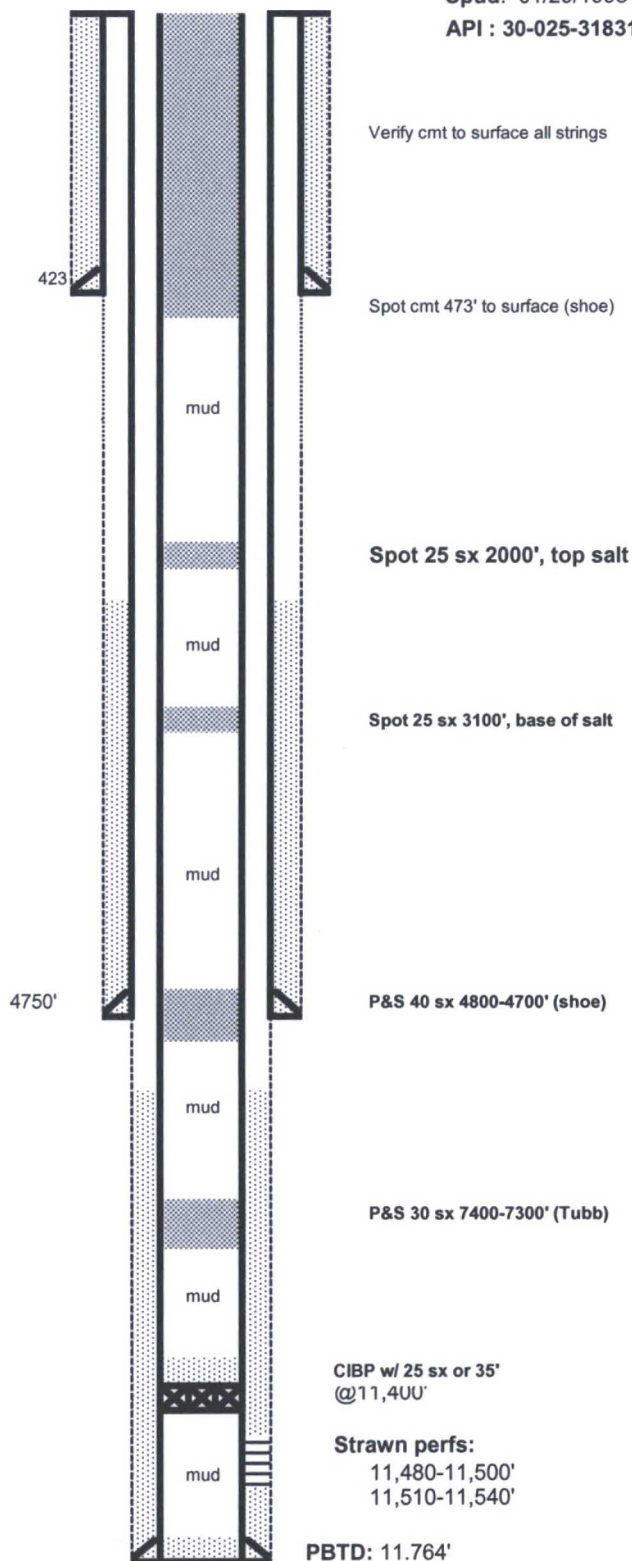
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After P&A



KRP 021816