

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87248  
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 OCD**  
**OCT 11 2017**  
**RECEIVED**

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-01225
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 27804
7. Lease Name or Unit Agreement Name: Saunders SWD
8. Well Number 1
9. OGRID Number 162928
10. Pool name or Wildcat Saunders

**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 type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection <input type="checkbox"/>
2. Name of Operator Energen Resources Corporation
3. Address of Operator 3510 N. "A" St., Bldgs A & B, Midland, TX 79705
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>4</u> Township <u>15 S</u> Range <u>33 E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4221' 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 Am  
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.

Procedure for Intention to P&A attached.

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 F Rathjen TITLE Regulatory Analyst DATE 10/11/2017  
brenda.rathjen@energen.com  
Type or print name Brenda F Rathjen E-mail address: \_\_\_\_\_ PHONE 432-688-3323

For State Use Only

APPROVED BY Walter White TITLE P.E.S. DATE 10/12/2017

Conditions of Approval (if any):

**ENERGEN**  
**Saunders SWD #1, API # 30-025-01225**  
AFE # PB17500259, \$100,000  
660' FSL & 660' FWL  
Sec. 4, T-15-S, R-33-E  
Lea County, NM

The Saunders SWD #1 was spud 4/5/1953, and was completed 6/5/53 as a Permo-Penn producer. It was a very poor producers. Additional Permo-Penn perms were added in 1958, and the well was converted to an SWD. It was temporarily abandoned 1/13/83 with a CIBP, and has not been used since. THE NMOC has said that the TA will not be extended past 3/16/18. The well needs to be P&A'd.

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

API:	30-025-01225	KB:	PBTD: 9016' w/ CIBP, cmt
Spud Date:	4/5/1953	GLE: 4221'	TD: 10090'

**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 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.

- 1 MIRU Well Service Unit.
- 2 Bleed well down.
- 3 NDWH
- 5 NU adapter flange and BOP for 5-1/2" csg and 2-7/8" tubing. Test to 500 psi above working pressure.
- 7 Unload and rack 10,000' 2-7/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 9 RIH, tag CIBP @9016'. *SPOT 25 SX CLASS 'H'*
- 10 RIH with workstring. Circulate hole to 10 ppg mud.
- 11 Pressure test csg.
- 12 Perforate and squeeze at 7075' w/ 30 sx cement plug and displace to 6975'. (Tubb)
- 13 WOC and tag.
- 14 Perforate and squeeze at 4340' w/ 40 sx cement plug and displace to 4240'. (shoe) *WOC & TAG*
- 16 *Spot 25* sx Class "C" cmt @ 3000', base of salt sections *Perf @ SQUEEZE 30 SX @ 2625'. WOC & TAG*
- 17 Perforate and squeeze *80'* 20 sx Class "C" cmt @ 2000', top of salt sections *WOC & TAG*
- 18 Spot Class "C" cmt from 346' to surface (shoe). *← 1550'*
- 19 ND BOP. Top off well with cement. RD and clean location. *Perf @ 346'. Circ cmt to surface 13 5/8 x 8 5/8 annulus, 8 5/8 x 5 1/2 annulus, and inside 5 1/2*
- 20 Verify cmt to surface all strings.
- 21 Cut off all casing strings at base of cellar or 3' below restored ground level.
- 22 Cover wellbore with metal plate welded in place or with cement cap.
- 23 Erect capped abandonment marker inscribed with well information.
- 24 Cut off dead man anchors and fill in cellar. RDMO.
- 25 Clean and restore location to natural condition and fulfill any and all regulatory requirements.

# ENERGEN

Saunders SWD #1

Spud: 4/5/53

LEA COUNTY, NM

Field:

Saunders Permo-Penn

Conductor:

None

Surface Casing:

13-5/8", 36# @ 296' in 17-1/2" hole w/ 250 sx (circ)

Intermediate Casing:

8-5/8", 32#, J-55 @4290' in 11" hole w/ 1500 sx, TOC 1634' by TS

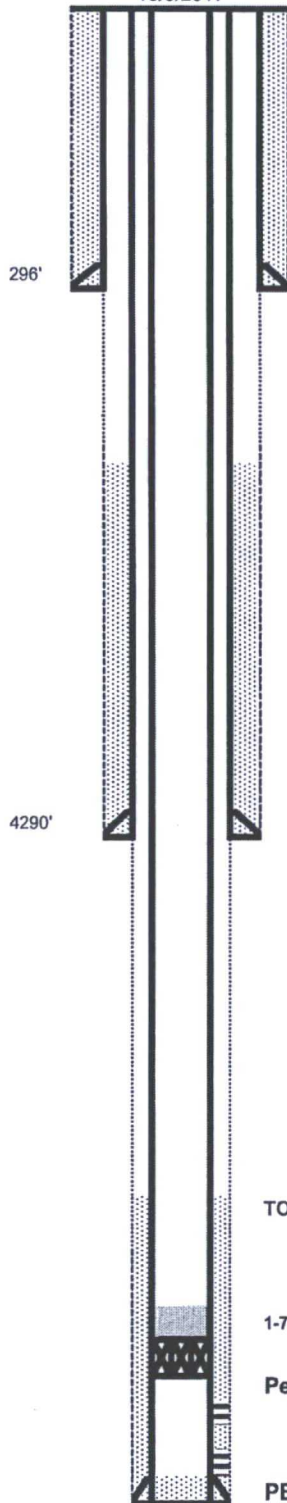
Production Casing:

5-1/2", 15.5# & 17#, J-55 in 7-7/8" hole w/ 500 sx, TOC 8123' by TS

KRP 1010917

Current Condition

10/9/2017



GL Elevation: 4221'

DF Elevation: 4221'

Location: 660' FSL,  
660' FWL

Sec 4, T-15-S, R-33-E

API : 30-025-01225

TOC 8123'

1-7-83: set CIBP @9016', w/ 2 sx cmt

Penn Perfs:

9914-40', 9978-9983'

9983-10016', 10035-10061'

PBTD: 10065'

TD: 10090'



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GL Elevation: 4221'

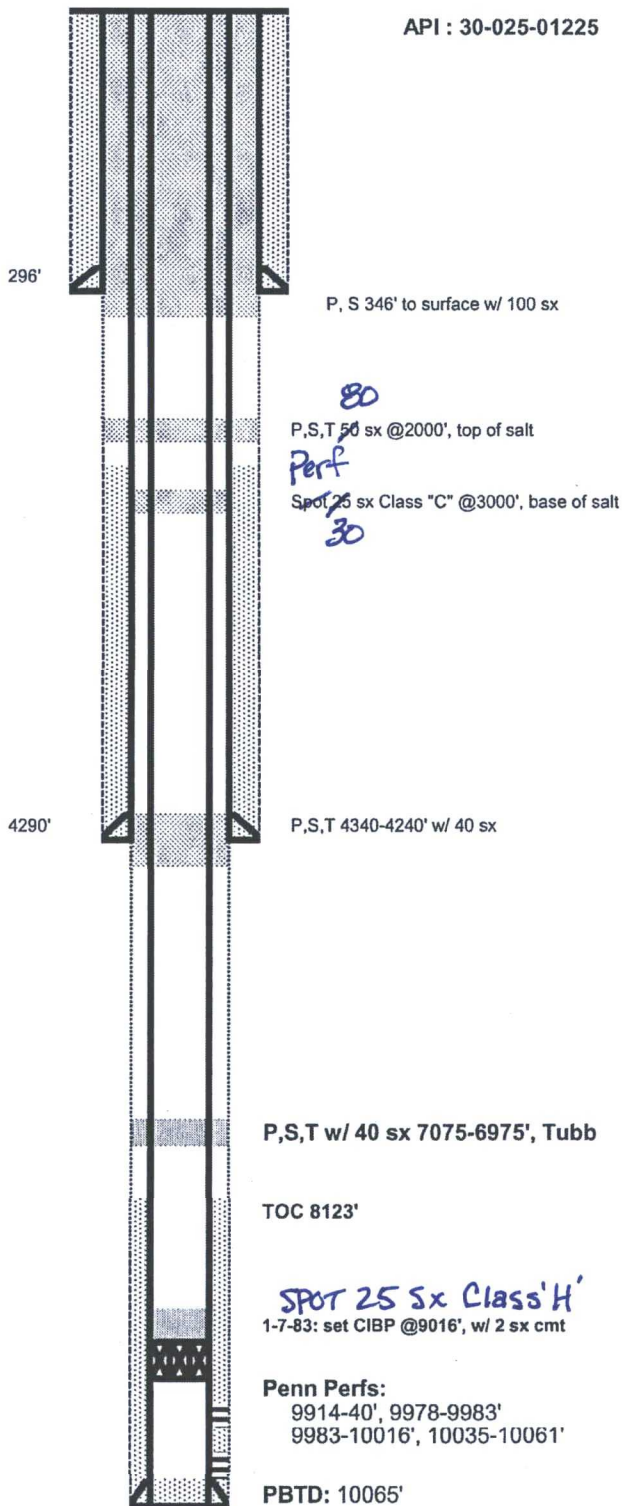
DF Elevation: 4221'

Location: 660' FSL,  
660' FWL

Sec 4, T-15-S, R-33-E

API : 30-025-01225

After P&A



KRP 1010917