

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

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

WELL API NO. 30-025-01149
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 027815
7. Lease Name or Unit Agreement Name: State "J"
8. Well Number 6
9. OGRID Number 162928
10. Pool name or Wildcat Saunders, Permo Penn
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4195' GL

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	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>K</u> : <u>1980</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>23</u> Township <u>14-S</u> Range <u>33-E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4195' GL	

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 Pm ☒
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 PROPOSED Plug and Abandon 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 02/06/2017

brenda.rathjen@energen.com

Type or print name Brenda F Rathjen E-mail address: _____ PHONE 432-688-3323

For State Use Only

APPROVED BY Neal Whitman TITLE Petroleum Engr. Specialist DATE 02/09/2017

Conditions of Approval (if any):

ENERGEN RESOURCES CORPORATION

STATE -J- 6, API # 30-025-01149

AFE # PB16500123, \$60,000

1980' FSL & 1980' FWL

Sec. 23, T-14-S, R-33-E

Lea County, NM

The State -J- 6 was spud 01/23/59, and was completed 2/27/59 as a Permo-Penn producer, with additional Permo-Penn perms added in 1960. It has been shut-in since September, 2015 after a downhole failure. The well was making less than 2 BOPD at the time. The lease is HBP from the State -J- 4 well. The State -J- 6 is not economical to repair and needs to be plugged and abandoned.

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

API: 30-025-01149
Spud Date: 1/23/1959

KB: 4205'
GLE: 4195'

PBTD: 9912'
TD: 9918'

Proposed 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 NDWH
- 3 NU adapter flange and BOP for 8-5/8" csg and 2-3/8" tubing. Test to 500 psi above working pressure.
- 4 Unload and rack 10,000' 2-7/8" workstring. Maintain kill truck w/10 ppg brine on location.
- 5 RIH with workstring. Circulate hole to 10 ppg mud.
- 6 RIH, set CIBP @9475'. Dump bail 5 sx Class 'H' cmt (or 25 sx through tubing) on top CIBP.
- 7 Pressure test csg.
- 8 Perforate and squeeze at 7400' w/ 30 sx cement plug and displace to 7300'. (Tubb)
- 9 WOC and tag.
- 10 Perforate and squeeze at 4240' w/ 40 sx cement plug and displace to 4140'. (shoe)
- 11 Perforate and squeeze at 4104' w/ 40 sx cement plug and displace to 4000'. (liner top)
- 12 Spot 25 sx Class "C" cmt @ 3000', base of salt sections 1660'
- 13 ~~Spot 25 sx Class "C" cmt @ 2000', top of salt sections~~ - WOC & TAG
- 14 ~~Spot Class "C" cmt from 350' to surface (shoe).~~ CIRCMT TO SURFACE
- 15 ND BOP. Top off well with cement. RD and clean location.
- 16 Verify cmt to surface all strings.
- 17 Cut off all casing strings at base of cellar or 3' below restored ground level.
- 18 Cover wellbore with metal plate welded in place or with cement cap.
- 19 Erect capped abandonment marker inscribed with well information.
- 20 Cut off dead man anchors and fill in cellar. RDMO.
- 21 Clean and restore location to natural condition and fulfill any and all regulatory requirements.

*SPOT 50 SX CMT
@ 4300' WOC & TAG
at 4000' or better*

ENERGEN RESOURCES CORP

State J-6

Spud: 11/14/2002

LEA COUNTY, NM

Field:

Saunders; San Andres 96196

Conductor:

None

Surface Casing:

13-5/8", 48#, H-40 @ 293' in
17-1/2" hole w/ 250 sx (circ)

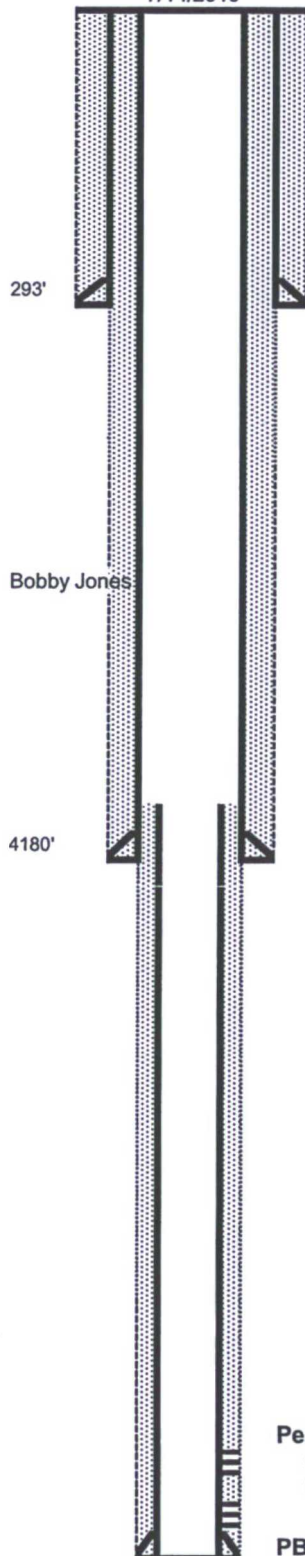
Intermediate Casing:

8-5/8", 24#, J-55 @ 4180' in
11" hole w/ 1500 sx, TOC
1924' by TOC

Production Casing (Liner):

5-1/2", 17#, J-55/N-80 @
liner (4054'-9918') in 7-7/8"
hole w/ 600 sx around shoe,
sqz TOL 2w/ 200sx

Current Condition
7/14/2016



GL Elevation: 4195'

KB Elevation: 4205'

Location: 1980' FSL,
1980' FWL

Sec 23, T-14-S, R-33-E

Spud: 1/23/59

API : 30-025-01149

2-3/8 tbg, SN 9846, TAC 9718,
EOT 9883', 1-1/4" PR, 2614' 7/8"
D rods, 6650' 3/4" D rods, 500'
7/8" rods, 1.25" pump 9846'

Penn Perfs:
9507-9560'
9753-9902'

PBTD: 9912'

TD: 9918'

KRP 071416

2/2/2017

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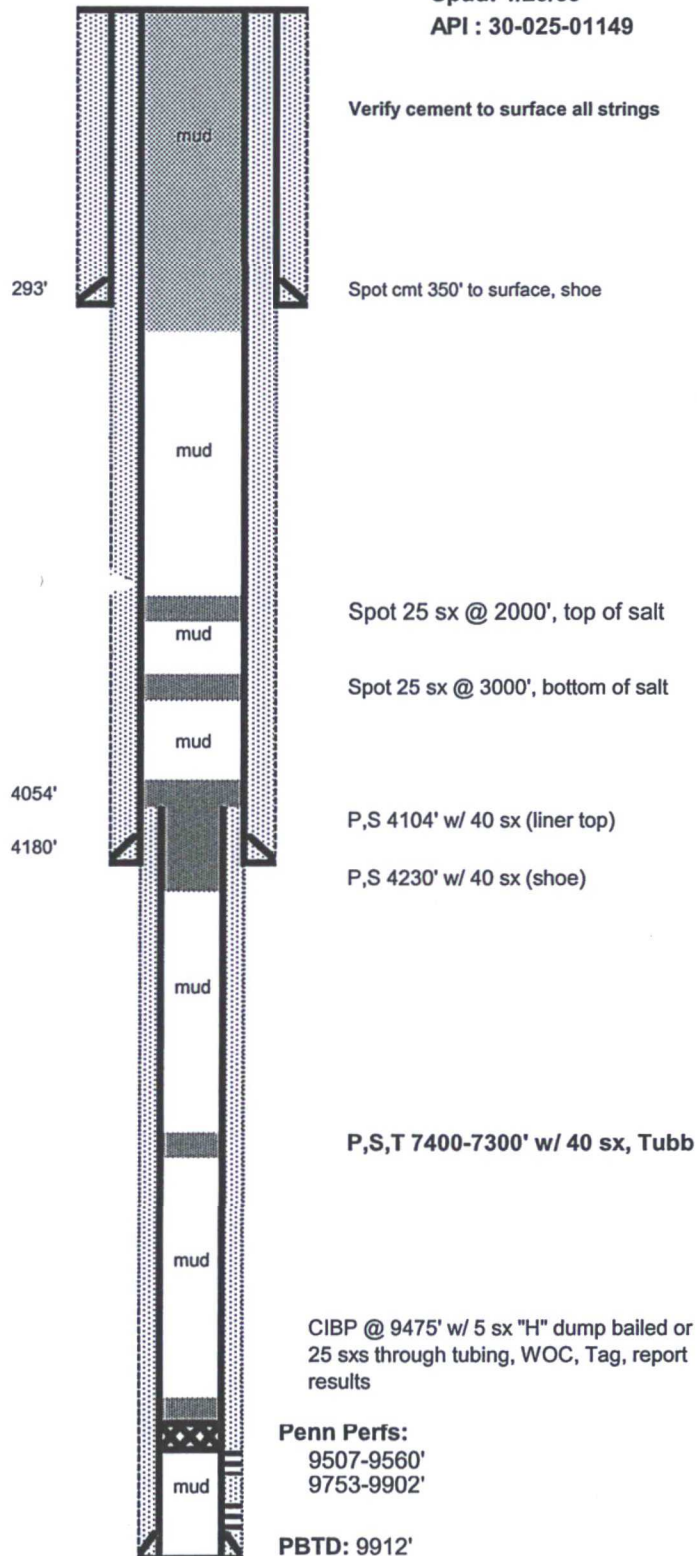
1980' FWL

Sec 23, T-14-S, R-33-E

Spud: 1/23/59

API : 30-025-01149

After P&A



KRP 071416