

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. 30-025-33068
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: West Lovington Strawn Unit
8. Well Number 12
9. OGRID Number 162928
10. Pool name or Wildcat Lovington; Strawn, West

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"/>	7. Lease Name or Unit Agreement Name: West Lovington Strawn Unit
2. Name of Operator Energen Resources Corporation	8. Well Number 12
3. Address of Operator 3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705	9. OGRID Number 162928
4. Well Location Unit Letter <u>J</u> : <u>1650</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>34</u> Township <u>15S</u> Range <u>35E</u> NMPM County <u>Lea</u>	10. Pool name or Wildcat Lovington; Strawn, West
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3956' 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: Whipstock plug and sidetrack ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
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.

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 10/24/06
E-mail address: clarson@energen.com
Type or print name Carolyn Larson Telephone No. 432 684-3693

For State Use Only

APPROVED BY Chris Williams TITLE SUPERVISOR/GENERAL MANAGER DATE NOV 21 2006
Conditions of Approval, if any:

ENERGEN RESOURCES CORPORATION

West Lovington Strawn Unit Well #12

1650' FSL and 1650' FEL

Sec 34, T-15-S, R-35-E

Lea Co, NM

West Lovington Field

Sidetrack Procedure

1. MIRU Pulling Unit & POOH/LD the rods & pump.
2. Set a blanking plug in Lok-set packer, NU a 3M# manual BOP w/ 2 7/8" & 5 1/2" pipe rams, release the on/off tool & POOH w/ tubing.
3. RIH w/ casing swage to 11,385, dress tight spots in 5-1/2" casing, POOH.
4. RU Gray WL under a pack-off, set a 5 1/2" 10M# CIBP @ 11,385' & RDWL. RU WL & Scientific & run a
5. Gyro-survey from surface to PBTD, taking shots every 100' & RDWL.
6. RIH w/ a 2 7/8" API SN & 2 7/8" tubing down to the CIBP @ 11,385'.
7. RU Schlumberger, mix & spot a 25 sack Class "H" cement plug atop of the CIBP @ 11,385'.
8. Pull up above the plug, spot 9.0# MLF up to 8,500' FS, POOH/LD the tubing up to 8,700' then finish POOH standing the remaining tubing.
9. RIH w/ a 5 1/2" jet cutter, cut the casing @ 8,570', POOH & RDWL.
10. Check the 5 1/2" x 8 5/8" annulus for pressure, blow down as necessary then load w/ 10# brine.
11. String the rig up on 6-lines & RU casing jacks.
12. ND the BOP & tubing head, spear the 5-1/2 casing, PU on the string & work the hanger/slips out.
13. Once the slips are out, work the string as necessary while staying under 200M# to determine if the casing is free.
14. If the casing is free, strip the tubing head & BOP back on, RU a Bull Rogers casing crew & POOH tallying the casing to determine the top of casing stub.
15. If the casing is not free, RU Rotary or Gray WL & run a freepoint to determine where to cut the casing.
16. If the casing is free at least 100' below Intermediate casing shoe, RIH w/ a 5 1/2" jet cutter, cut the casing 10-20' above the free point, POOH & RDWL.
17. Strip the tubing head & BOP back on, RU a Bull Rogers casing crew & POOH laying down the casing.
18. RIH w/ a 2 7/8" API SN & the 2 7/8" tubing a minimum of 100' inside the 5 1/2" casing stub.
19. RU Schlumberger, batch-mix & spot a 150 sack Whipstock plug consisting of Class "H" cement plug w/ 0.75% D65, 0.2% D167 & 0.2% D46 mixed @ 17.00 ppg w/ a yield of 1.00 (pump-time w/ the batch-mixing should be 3-3 1/2 hours).
20. POOH LD the tubing keeping the hole full while coming out to keep the plug in place, ND the BOP & cap the tubing head w/ a B-1 adapter flange & ball valve.

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West Lovington Strawn Unit Well #12

1650' FSL and 1650' FEL

Sec 34, T-15-S, R-35-E

Lea Co, NM

West Lovington Field

Sidetrack Procedure Continued

21. RD the pulling unit & clear the location of all equipment so that the location can be readied for rotary tools.
22. MIRU Rotary Tools & NU a 13 5/8" 5M# BOP on the "B" Section Spool.
23. Test the BOP & choke manifold to their rated pressure then to 200# on the low side.
24. Dress-off the Whipstock plug that was spotted in Step #19.
25. Kick-off of the plug w/ a 1.5° BHA, build the angle to 4° & maintain this angle until displaced a minimum of 150' from the original wellbore in a Southwesterly direction.
26. Continue on & drill the 7 7/8" hole to a TVD of approximately 11,900', run 5 1/2" casing & cement back up inside the 8 5/8" casing.
27. RD & MORT.
28. Complete & Produce the new sidetracked wellbore from the Strawn formation.

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Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office.

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Energen Resources Corporation Telephone: 432/687-1155 e-mail address: andy.cobb@energen.com
Address: 3300 N. A St., Bld.g 4, Ste. 100 Midland, TX 79705
Facility or well name: West Lovington Strawn Unit #12 API #: 30-025-33068 U/L or Qtr/Qtr J Sec 34 T 15S R 35E
County: Lea Latitude 32 58' 16.05" Longitude 103 23' 30.9" NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit

Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlimited ☐
Liner type: Synthetic ☐ Thickness 12 mil Clay ☐
Pit Volume 8900 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	X
	50 feet or more, but less than 100 feet	(10 points)	
	100 feet or more	(0 points)	
Wellhead protection area. (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)	
	No	(0 points)	X
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)	
	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	(0 points)	X
Ranking Score (Total Points)		20	

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Artesia Aeration (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5)

Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described 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 ☐.

Date: 10/13/06

Printed Name/Title: Andrew H. Cobb

Signature: Andrew H. Cobb

Sr. Safety/Environmental Specialist

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: 10/17/06

Printed Name/Title: CHRIS WILLIAMS DISTRICT SUPERVISOR

Signature: Chris Williams