Form 3160-5
(April 2004)

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
NM 04411

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
Energen Resources Corporation

3a. Address
3300 N. A St., Bldg. 4, Ste. 100, Midland,TX 79705

3b. Phone No. *(include area code)*
(432) 684-3693

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
330' FSL & ~~2145~~ 735 FEL
Section 33, T-15-S, R-35-E

8. Well Name and No.
West Lovington Strawn Unit #2

9. API Well No.
30-025-31767

10. Field and Pool, or Exploratory Area
Lovington Strawn, West

11. County or Parish, State
Lea NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[ ] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[X] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other ______
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

See attached procedure.

APPROVED
AUG 23 2005
GARY GOURLEY
PETROLEUM ENGINEER

AUG 2005
Received
Hobbs
OCD

Don't need prior approval

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Carolyn Larson

Title
Regulatory Analyst

Carolyn Larson

Date 8/15/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

GWW

ENERGEN RESOURCES CORPORATION

WLSU #2

330' FSL and 725' FEL
Sec 33, T-15-S, R-35-E
Lea, Co. NM
West Lovington Field
Casing Repair Procedure

1. MIRU Pulling Unit
2. If necessary, RU EM Hobbs slickline unit. RIH and retrieve tubing plug set at 11356'.
3. Install 5M psi hydraulic BOPE.
4. Release Snap set pkr and lock set packer and POOH.
5. RIH w/5-1/2" RBP, pkr, SN and 2-7/8" tubing. Set RBP at 11500'. Pressure test RBP to 1000 psig. Circulate 2 sx sand on top of RBP.
6. PUH w/pkr to isolate csg leak.
7. RU wireline company. RIH w/CBL-GR-CCL. Run log from 11500 to TOC at approximately 9200'. POOH.
8. Perforate 5-1/2" casing 100' above TOC with 4 SPF. POOH.
9. RIH w/pkr and tubing to 100' above perforations. Pump into perforations to break circulation. POOH.
10. RIH w/cement retainer. Set retainer at 100' above perforations.
11. Cement casing with per service company recommendation
12. Sting out of retainer. Close bradenhead valve and reverse circulate tubing clean. Open bradenhead valve, close tubing valve and circulate through casing leak to clean up cement.
13. POOH with tubing.
14. RIH w/retainer. Set retainer at 100' above leak.
15. Cement squeeze casing leak per service company recommendation.
16. Sting out of retainer. Reverse circulate tubing clean. POOH.
17. RIH w/4-3/4" bit, 6 3-1/2" DC's and 2-7/8" tubing. Drill out cement and retainer. Pressure test casing to 500 psi. Continue to second retainer. Clean out to sand on top of RBP. Pressure test casing to 500 psi. POOH.

ENERGEN RESOURCES CORPORATION

WLSU #2
330' FSL and 725' FEL
Sec 33, T-15-S, R-35-E
Lea, Co. NM
West Lovington Field
Casing Repair Procedure

18. RU wireline co. RIH w/ CBL-GR-CCL. Run log from 9300' to top of cement above casing leak.

19. If necessary block squeeze across San Andres.

20. Perforate w/4SPF at depth above TOC and depth below bottom of cement below casing leak. POOH.

21. RIH w/pkr and tubing. Set pkr between perforations, pump into lower perfs to break circulation. POOH

22. RIH w/cement retainer. Set retainer between perfs. Cement squeeze with enough cement to bring cement into casing through top perfs. Sting out of retainer. PUH above top perf and reverse circulate tubing clean. SWI and pressure well to 500 psi overnight.

23. POOH.

24. RIH w/4-3/4" bit, 6-3-1/2" DC's and 2-7/8" tubing. Drill out cement and retainer. Pressure test squeeze to 500 psi. POOH

25. RIH w/overshot and 2-7/8" tubing. Circulate sand off of RBP and retrieve RBP. POOH.

26. RIH w/4-3/4" bit and scraper to 11550'. POOH.

27. RIH w/WEG, 1-6' 2-3/8" tubing sub, 1-1.875" R profile w/1.822" no-go, 1 jt 2-7/8" tubing, Lok-set packer, on/off tool w/1.875" F profile and 2-7/8" tubing. Hydrotest tubing while going in hole to 8000 psig. Set packer at 11456'.

28. RU slickline. RIH w/blanking plug and set in on/off tool profile. Release from plug and POOH. Release from on/off tool and circulate hole w/ packer fluid. Latch back onto on/off tool. Set 20 pts compression on packer. Remove BOPE and install wellhead.

29. RIH w/slickline and retrieve blanking plug.

30. RU stimulation co. and stimulate per service company recommendation

31. RD pulling unit.

32. Place well on production

ENERGEN RESOURCES CORP

WLSU #002

(formerly Hamilton Federal No. 2)

LEA COUNTY, NM

GL Elevation: 3970.5'

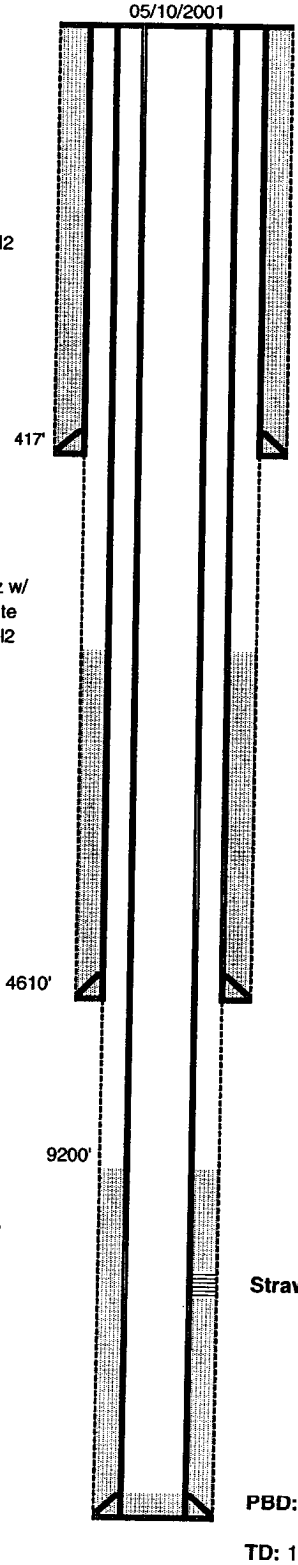
KB Elevation: 3988' -- 15.5' above GL

Location: 330' FSL X 725' FEL
Sec 33-15S-35E

Spud: 10/25/1992

API : 30-025-31767

Current Condition Flowing
05/10/2001



Conductor:
None

Surface Casing:
13-3/8" 54.5#, J-55 @ 417'
Cemented to surface
with 440 sx Class "C" w/2% CaCl2
Circulated 50 sx

Intermediate Casing:
8-5/8" 32#, J-55 @ 4610'
(L) 1225 sx Class "C" 35/65 poz w/
3 lbs/sx salt + 1lb/sx Gilsonite
(T) 200 sx Class "C" w/1% CaCl2
(Circulated 125 sx)
TOC: Unknown

Production Casing:
5-1/2" 17# ,N-80 & S-95 @ 11,826'
750 sx Class "H" containing 0.7%
FL-20, 3% A-9, 0.2% FWC-2 and
0.2% FP-8
TOC: 9200'

Tubing Detail (Last Available)

#Jts	O.D.	Thread	TAC?/Depth	Weight	Grade	TLA	Tally Dated:
353	2 7/8"		No	6.5	N-80	11614.81	10/12/1995

Rod Detail (Last Available)

#Rods	Length	Size/Typ	Pump	Ponies	PR	PRL	Date Run:

Lok-set Packer: Top - 11,456' Btm - 11,570'

Strawn Perfs: 11,538-11580' w/Vann gun system (2 spf)

(POOH w/ Vann System Tools)

PBD: 11,784'

TD: 11,825'

rlandon12/3/2004