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

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

Form C-103
May 27, 2004

WELL API NO. 30-025-34606

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: West Lovington Strawn Unit

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 17

2. Name of Operator: Energen Resources Corporation

9. OGRID Number 162928

3. Address of Operator: 3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705

10. Pool name or Wildcat: Lovington; Strawn, West

4. Well Location

Unit Letter M : 330' feet from the South line and 330 feet from the West line

Section 35 Township 15-S Range 35-E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3966' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

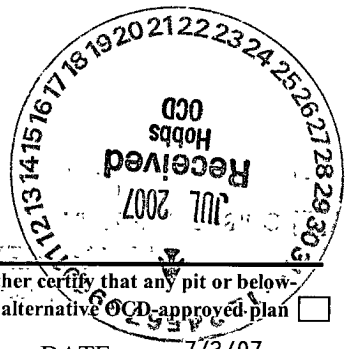
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: Casing repair ☒		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 7/3/07

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

For State Use Only

APPROVED BY Gary W. Wink TITLE FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 06 2007

Conditions of Approval, if any:

ENERGEN RESOURCES CORPORATION

WLSU #17

330' FSL X 330' FWL,
Sec 35, T-15-S, R-35-E
Lea, Co. NM
West Lovington Field
Casing Repair Procedure

1. MIRU Pulling Unit
2. POOH w/ rods. Install 5M psi hydraulic BOPE. Test tubing out of hole.
3. RU Gray Wireline. Run MTT/CIT logs from 9150' to 4800'.
4. PU RIH w/ RBP and Pkr. Set RBP @ 11,450'. Set packer and pressure test RBP to 3500 psi. Test annulus to verify casing leak. Hunt for leak (start above TOC @ 9140').
5. RIH w/cement retainer. Set retainer at 100' above top of leak. Sting out of retainer and reverse circulate to clean up top of retainer. Sting back into retainer. Keep tubing/casing annulus open.
6. Cement squeeze casing leak per service company recommendation.
7. Sting out of retainer. Reverse circulate tubing clean. POOH.
8. 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. Clean out to sand on top of RBP. Pressure test casing to 500 psi. POOH.
9. RIH w/overshot and 2-7/8" tubing. Circulate sand off of RBP and retrieve RBP. POOH.
10. PU RIH w/ Packer. Set @ 11,350'. Acidized Strawn perfs w/ 1000 gals 15% HCl acid w/ recommended additives.
11. Swab test.
12. RWTP w/ acid resistant pump.

ENERGEN RESOURCES CORPORATION

WLSU #17

330' FSL X 330' FWL,
Sec 35, T-15-S, R-35-E
Lea, Co. NM
West Lovington Field
Casing Repair Procedure

Date: June 28, 2007

AFE No: PB063007

Cost: $102,000

WI: 47.53125% NRI: 39.29453%

TD: 11900' PBTD: 11849' KB: 3997' GL: 3979'

Surface Casing: 13-3/8" 48#/ft, H-40, Set at 436'.
Cemented w/450 sx class C. Cement circulated.

Intermediate Casing: 8-5/8" 32#/ft, K-55 & NS-80 Surf to 4823'
Cemented w/1300 sx 35/65 POZ
200 sx class C.
Cement circulated

Production Casing: 5-1/2" 17#/ft, L-80 @11,807'
Cemented w/750 sx 50/50 POZ
TOC at 9140'

Tubing: 2-7/8" L/N-80 6.5# (See Wellbore Diagram)

Rods: 1.5 to 1" Combination FG/Stl string (See Wellbore Diagram)

Pump: 2.5 x 1.5" 20' long w/strainer

Perforations: Strawn: 11550-11572' 88 Holes over22'

ENERGEN RESOURCES CORPORATIO

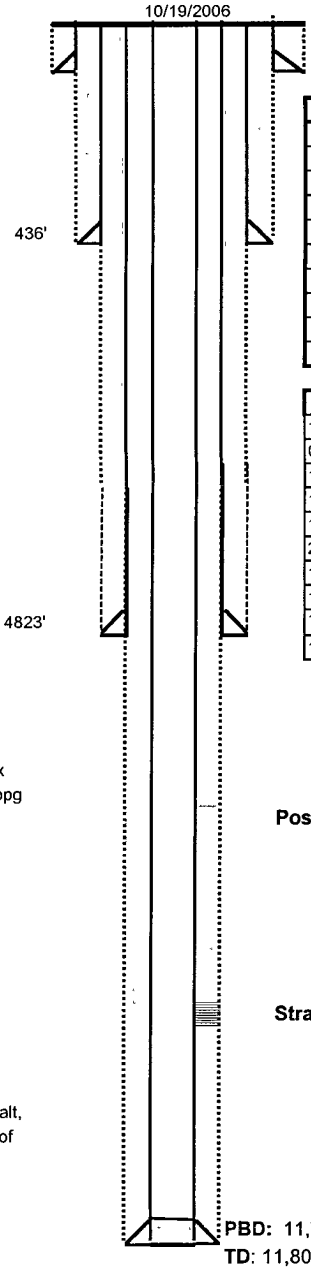
GL Elevation: 3948'

WLSU #017
(formerly Beadle No. 1)

KB Elevation: 3966' (Est)
Location: 330' FSL X 330' FWL,
Sec 35, T-15-S, R-35-E
05/25/99
API: 30-025-34606

Lea County, NM

Current Condition ESP Pump
10/19/2006



Conductor:
20" @ 50'
Grouted with Cmt

Surface Casing:
13-3/8" 48#, H-40 ST&C
@ 436' in 17-1/2" hole
Cement to surface
w/ 450 sx Class "C" 2% CaCl2
& 1/4# of Cello Flake/sx, w/ a
yield of 1 35 mixed @ 14 8 ppg.
Circulated 129 sx to pit

Intermediate Casing:
8-5/8" 32#, K-55 & NS-80 @ 4823'
cmt w/
(L) 1300 sx 35/65 Poz "C" w/ 6%
gel, 5% salt & 1/4# Cello Flake/sx
w/ a yield of 2 07 mixed @ 12 4 ppg
(T) 200 sx Class "C" w/ 1% CaCl2 &
& 1/4# Cello Flake/sx
Circulated 426 to pit
TOC. Surface'

Production Casing:
5-1/2" 17# LTC, L-80 @ 11807'
Cmt w/ 750 sx 50/50 Poz/ "H" w/ 5% salt,
2% gel, 5% FL-25, .5% FL-52 & 1/4# of
Cello Flake/sx
TOC: 9140'

Tubing Detail (all depths KB)

#	Item	Size/Specification	Weight	Grade	Lgth	Depth
0	Elevation				10.00	10.00
376	Tubing	Production Tubing	6.5	L/N-80	11572.11	11582.11
1	IPC tbg	TK-99 Tubing			33.05	11615.16
1	Seat nipple	2 1/2 API			1.10	11616.26
1	TAC	2 7/8 x 5 1/2			2 80	11619.06
1	Mud Anchor	Slotted w/ 2 7/8			32.00	11651.06

Rod Detail

#	Item	Size/Specification	Weight/Mftr	Mat'l	Lgth	Depth
1	Polish Rod	1-1/2	Polish Rod		30.00	30
0	Polish Rod Liner	1-3/4	Liner		14.00	30
1	Pony Rod	1 25	Fiberglass		18 00	48
1	Pony Rod	1.25	Fiberglass		8 00	56
147	Fiberglass Rod	1 25	Fiberglass		37.50	5568
240	Steel Rod	1	Norris 97		25.00	11568
1	Shear Tool	1	33K		0.80	11569
1	Steel Rod	1	Norris 97		25.00	11594
1	Pump	2.5x1 5	Quinn		20 00	11614
1	Strainer Nipple	1			2 00	11616

Possible casing leak

Strawn Perfs: 11,550-11,572' w/ 4" Predator gun (88 hole over 22')

PBD: 11,756'
TD: 11,800' **(Base of Strawn)**