

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

RECEIVED

NOV 13 2009

HOBBSDO

OIL CONSERVATION DIVISION

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

WELL API NO. 30-025-32335
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 27819
7. Lease Name or Unit Agreement Name: STATE "Q"
8. Well Number 2
9. OGRID Number 162928
10. Pool name or Wildcat Saunders, San Andres (96196)

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 ☒ Gas Well ☐

Other ☒

2. Name of Operator

Energen Resources Corporation

3. Address of Operator

3300 N. "A" St., Bldg 4, Ste. 100, Midland, TX 79705

4. Well Location

Unit Letter K : 1760 feet from the South line and 1760 feet from the West line  
Section 4 Township 15-S Range 33-E NMPM County Lea

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

4205.6' GL 4219.5' KB

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. ☐ P AND A ☐  
CASING/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.

The Oil Conservation Division **Must be notified**  
**24 hours prior** to the beginning of 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 Tracie J Cherry TITLE Regulatory Analyst DATE 11-11-2009  
Type or print name Tracie J Cherry E-mail address: tracie.cherry@energen.com PHONE 432/684-3692

For State Use Only

APPROVED BY Mark Whitaker TITLE Compliance Officer DATE 11-24-09  
Conditions of Approval (if any):

# ENERGEN RESOURCES CORPORATION

## State -Q- #2

1980' FSL and 1980' FWL  
Unit L, Sec 4, T-15-S, R-33-E  
Lea, Co. NM  
Saunders San Andres Field  
P&A Well

Date: October 27, 2009

AFE No: PB101009

Cost: \$45,000

WI: 89%

NRI: 70.45%

See Attached Wellbore Diagrams:

Plugging Procedure:

1. Set CIBP @ 4,870', top w/ cement. *25sx or DUMP BAIL 35'*
2. Tag cement plug. Circulate MLF to 1,700'. *Perf @ ~~28~~ 2959' SQZ w/25sx. WOC + TAG (no deeper than 2859') INT. SHOE PLUG*
3. Perforate casing @ *1550'* 1,700' with 4 squeeze holes.
4. Squeeze 60 sx cement through perfs @ 1,700'.
5. Tag cement plug. Circulate MLF to 350'
6. Perforate casing @ *397'* 380' with 4 squeeze holes.
7. Circulate cement to surface cement through perfs.
8. Cut off wellhead 3' from surface and weld on P&A marker.
9. Clean location, roads, and facilities per environmental requirements.

# ENERGEN RESOURCES CORP

State "Q" No. 2

LEA COUNTY, NM

Current Condition Pumping

8/5/2009

## Conductor:

None

## Surface Casing:

13-3/8" 48#, lrd service csg @ 347'  
Cemented to surface  
with 400 sx Class "C" w/2% Ca Cl2  
(Circulated 50 sx)

## Intermediate Casing:

8-5/8" 24# & 32#, lrd surf. Csg @ 2909'  
Cemented w/ 400 sx total  
(L) 200 sx PSL w/ 5% sal & 1/4#/sk  
Cello-Seal  
(T) 200 sx Class "C" w/ 1% CaCl2  
TOC: Unknown

## Production Casing:

5-1/2" 15 5# ,J-55 LT&C & ST&C @ 4932'  
ran w/ an external csg packer & DV Tool  
Cemented w/ 150 sx Class "C" w/ 2% CaCl2  
TOC: 4104'

DV Tool @ 4924' Drld out

PBD: N/A

OH 4939-4967', (Tubing Measurement)

TD: 4964'

GL Elevation: 4205.6'

KB Elevation: 4219.6' - 14 above GL

Location: 1760' FSL X 1760' FWL

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

Spud: 12/09/93

Completion:

API : 30-025-32335

Tubing Detail (Last Available)

Jts Run	Size	Type Of Item	Footage	Set Depth	Weight	Grade
0	0.00	Elevation	11.00	11.00	0.00	
144	2.88	Tubing	4516.67	4527.67	6.50	J-55
1		TK-99 Blast joint	31.16	4558.83	6.50	J-55
1		Seating Nipple	1.10	4559.93		J-55
1		2-7/8" x 5-1/2" TAC	2.72	4562.65		
1		4' BPPS	4.65	4567.30	6.50	

ROD DETAIL

No	Size	Type	Grade	Length	Depth
1	1-1/4	Polish Rod	Polish Rod	26.00	26
1	7/8	Pony Rod	K (API)	2.00	28
1	7/8	Pony Rod	K (API)	4.00	32
1	7/8	Pony Rod	K (API)	6.00	38
95	7/8	Steel	D (API)	25.00	2413
72	3/4	Steel	D (API)	25.00	4213
6	1-1/2	Sinker Bar	C (API)	25.00	4363
6	1-3/4	Sinker Bar	C (API)	25.00	4513

**ENERGEN RESOURCES CORP**

State "Q" No. 2

LEA COUNTY, NM

Proposed P&amp;A

**Conductor:**

None

**Surface Casing:**

13-3/8" 48#, lrd service csg @ 347'  
Cemented to surface  
with 400 sx Class "C" w/2% Ca Cl2  
(Circulated 50 sx)

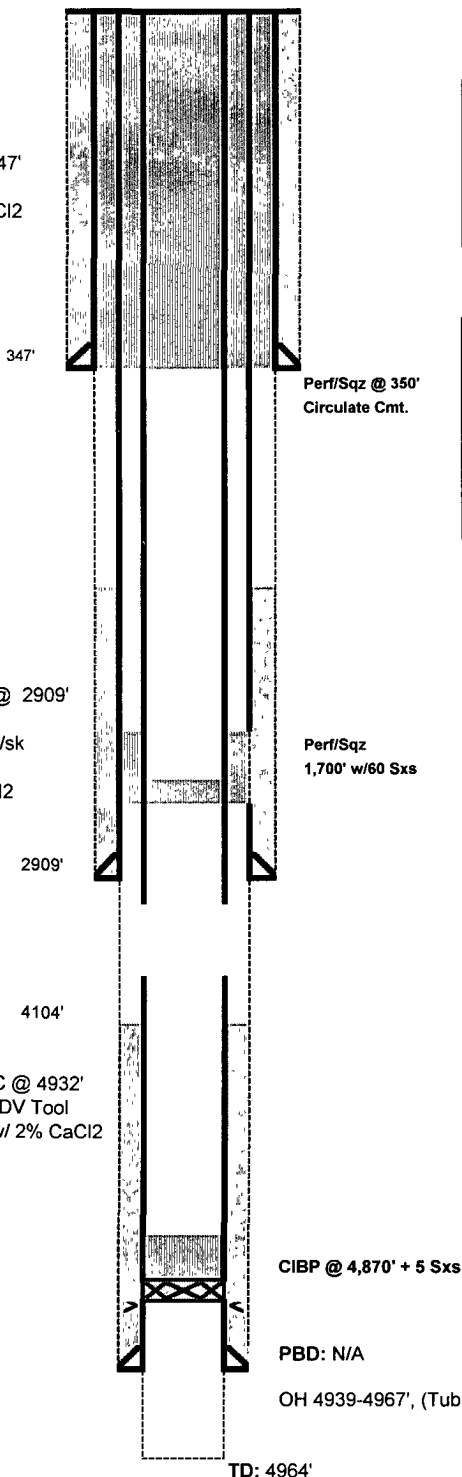
**Intermediate Casing:**

8-5/8" 24# & 32#, lrd surf Csg @ 2909'  
Cemented w/ 400 sx total  
(L) 200 sx PSL w/ 5% sal & 1/4#/sk  
Cello-Seal  
(T) 200 sx Class "C" w/ 1% CaCl2  
TOC Unknown

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5-1/2" 15 5#, J-55 LT&C & ST&C @ 4932'  
ran w/ an external csg packer & DV Tool  
Cemented w/ 150 sx Class "C" w/ 2% CaCl2  
TOC 4104'

DV Tool @ 4924' Drld out



GL Elevation: 4205 6'

KB Elevation: 4219 6' - 14 above GL

Location: 1760' FSL X 1760' FWL

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

Spud 12/09/93

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API : 30-025-32335

Tubing Detail (Last Available)

Jts Run	Size	Type Of Item	Footage	Set Depth	Weight	Grade
0	0 00	Elevation	11 00	11 00	0 00	
144	2 88	Tubing	4516 67	4527 67	6 50	J-55
1		TK-99 Blast joint	31 16	4558 83	6 50	J-55
1		Seating Nipple	1 10	4559 93		J-55
1		2-7/8" x 5-1/2" TAC	2 72	4562 65		
1		4" BPPS	4 65	4567 30	6 50	

ROD DETAIL

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1	1-1/4	Polish Rod	Polish Rod	26 00	26
1	7/8	Pony Rod	K (API)	2 00	28
1	7/8	Pony Rod	K (API)	4 00	32
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