

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

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 type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Salt water disposal <input type="checkbox"/>	
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 <u>F</u> : <u>1900</u> feet from the <u>North</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>32</u> Township <u>15S</u> Range <u>35E</u> NMPM Lea County New Mexico	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 4003'	

WELL API NO. 30-025-29565
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 027801
7. Lease Name or Unit Agreement Name: Baer
8. Well No. 1
9. Pool name or Wildcat SWD (Strawn)

11. 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: Recomplete in San Andres

SUBSEQUENT REPORT OF:

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

OTHER: ☒

12. 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 recompilation.

Isolate/abandon the existing Strawn perforations @ 11,594'-11,644' and perforate San Andres @ 5502'-6192' and acidize to increase SWD capacity.
3/17/04 MIRU WSU, release packer & SLM00H w/tubing and packer. RU wireline and set CIBP @ 11,550' and cap with 20' cmt. Perf 4 squeeze holes at 6450' using 90 degree phasing. RIH w/ 5-1/2" cmt retainer down to 6250'+/-'. Once acceptable injection rate is established down the tbg., batch-mix 200 sacks of Class "C" cmt w/additives as per Schlumberger recommendation. Obtain minimum of 1M# of squeeze pressure. POOH w/ work string. RIH & perf San Andres from 5502-6192'. Acidize intervals w/total of 20,000 gals of 15% HCL acid. Set packers, establish injection rate. TIH w/inj. tbg & packer. ND BOP and NU well head and inj. assembly. Return well to SWD service.

SWD-915

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

SIGNATURE Carolyn Larson TITLE Regulatory Analyst DATE 4/5/04

Type or print name Carolyn Larson Telephone No. 432/684-3689

(This space for State use)

APPROVED BY Harry W. Wink OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE APR 07 2004

Conditions of approval, if any

ENERGEN RESOURCES CORP.

Baer #1

Lea County, NM

Current Conditions Active SWD

1/28/2004

GL Elevation: 4003'

KB Elevation: 4020.5' (Est)

Location: 1900' FNL X 1650' FWL,
Sec 32, T-15-S, R-35-E

API: 30-025-29565

Spud: 3/31/86

Completion: 5/11/86

Surface Casing:

13-3/8" 54.5#, J-55
@ 374' in 17-1/2" hole
Cement to surface
w/ 425 sx class "C"

Intermediate Casing:

8-5/8" 32# K-55
@ 3806' in 12 1/2" hole
Cement to Surface
w/ 1050 sx Lite +
400 sx cl "C"

TOC 8,950', CBL

Production Casing:

5-1/2" 17 L-80, N-80 & S-95
@ 11,865' in 7-7/8" hole
Cement to 8950'
w/ 800 sx class "H" thru DV tool
and 850 sx Lite

TOC @ 5250' (CBL)

DV Tool @ 6000'

Packer Fluid circulated on tubing annulus

Injection packer @ ~11,550' on 2-7/8" PCID Tubing

Perf Strawn w/ 2 SPF 11,594-11,644' overall

(11644-11600, 11632-11643, 11622-11628, 11610-11617, 11594-11609)

DOM @ 11654' (Depth Orientation Marker)

PBTD: 11,788'

TD: 11,867'

Tubing Detail (Last Available)

#Jts	O.D.	Thread	TAC/Depth	Weight	Grade	TLA

Rod Detail (Last Available)

#Rods	Length	Size/Type	Pump	Ponies	PR	PRL

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Baer #1 SWD

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Location: 1900' FNL X 1650' FWL,

Sec 32, T-15-S, R-35-E

API: 30-025-29565

Spud: 3/31/86

Completion: 5/11/86

Proposed Conditions SWD

2/2/2004

Surface Casing:

13-3/8" 54.5#, J-55

@ 374' in 17-1/2" hole

Cement to surface

w/ 425 sx class "C"

Intermediate Casing:

8-5/8" 32# K-55

@ 3806' in 12 1/2" hole

Cement to Surface

w/ 1050 sx Lite +

400 sx cl "C"

Packer Fluid circulated on tubing annulus

TOC @ 5250' (CBL)

Injection packer @ ~5450' on 2-7/8" PCID Tubing (Proposed)

San Andres Perfs: 5502-6192' (Proposed-See Detail Below)

DV Tool @ 6000'

Cement Retainer @ 6300', Block Sqz with 200 sx
cmt thru squeez perfs @ 6350' (PROPOSED)

Circulate mud laden 9 PPG fluid below retainer

TOC 8,950', CBL

CIBP SA ~11,550' Capped with 20' cement
(Proposed)

Production Casing:

5-1/2" 17 L-80, N-80 & S-95

@ 11,865' in 7-7/8" hole

Cement to 8950'

w/ 800 sx class "H" thru DV tool

and 850 sx Lite

PBTD: 11,788'

TD: 11,867'

Perf Strawn w/ 2 SPF 11,594-11,644' overall

(11644-11600, 11632-11643, 11622-11628, 11610-11617, 11594-11609)

Circulate mud laden 9 PPG fluid below CIBP (Proposed)

San Andres Perf Detail			
TOP	BOTTOM	LENGTH	# shots
5502	5508	6	24
5520	5536	16	64
5546	5560	14	56
5580	5596	16	64
5614	5622	8	32
5628	5636	8	32
5652	5664	12	48
5678	5692	14	56
5700	5716	16	64
5750	5766	16	64
5824	5830	6	24
5856	5860	4	16
5866	5874	8	32
5918	5924	6	24
5956	5964	8	32
6132	6148	16	64
6160	6176	16	64
6184	6192	8	32
TOTALS		198	792