Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
NMSF-079011-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
San Juan 32-5 Unit

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

8. Well Name and No.
San Juan 32-5 Unit 15A

2. Name of Operator
ENERGEN RESOURCES CORPORATION

9. API Well No.
30-039-60111

3. Address and Telephone No.
2198 Bloomfield Highway, Farmington, NM 87401

10. Field and Pool, or exploratory Area
Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
840' FNL, 735' FEL, Sec. 27, T32N, R6W, N.M.P.M.

11. County or Parish, State
Rio Arriba NM

JUN 2000
RECEIVED
OIL CON. DIV
DIST. 3

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Energen intends to plug and abandon this well as per the attached plugging procedure.

14. I hereby certify that the foregoing is true and correct
Signed Monica Papp Title Production Assistant Date 4/21/2000

(This space for Federal or State office use)
Approved by _____ Title _____ Date 6/12/00
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, 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.

* See Instruction on Reverse Side

NMOCD

PLUG AND ABANDONMENT PROCEDURE

4-18-00

San Juan Unit 32-5 #15A
Blanco Mesaverde
840' FNL and 735' FEL, Section 27, T32N, R6W
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.

2. PU on tubing and attempt to release Baker Model "C" Packer with 10,000# compression at 5320'. TOH with approximately 175 joints 1-1/4" tubing and LD packer. If unable to release packer then jet cut tubing as deep as possible. Then LD tubing and if necessary PU a workstring

3. **Plug #1 (Mesaverde tops, 5192' – 5092'):** Set 3-1/2" wireline CIBP at 5192'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Pressure tag casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix and spot 10 sxs Class B cement inside 3-1/2" casing to isolate Mesaverde perforations. TOH with tubing.

4. **Plug #2 (Pictured Cliffs and Fruitland tops, 2870' – 2560'):** Perforate 6 bi-wire squeeze holes through 3-1/2" and 5-1/2" casings at 2870'. If casing tested, then establish rate into squeeze holes. Set 3-1/2" wireline retainer at 2820'. Mix 105 sxs Class B cement, squeeze 91 sxs cement outside 5-1/2" casing and leave 14 sxs cement inside 3-1/2" casing to cover Pictured Cliffs and Fruitland tops. TOH with tubing.

5. **Plug #3 (Kirtland and Ojo Alamo tops, 2430' – 2030'):** Perforate 6 bi-wire squeeze holes through 3-1/2" and 5-1/2" casings at 2430'. If casing tested, then establish rate into squeeze holes. Mix 136 sxs Class B cement and pump down 3-1/2" casing, squeeze 117 sxs cement outside 5-1/2" casing and leave 19 sxs cement inside 3-1/2" casing to cover Ojo Alamo top. If casing does not test, then set a 3-1/2" wireline retainer at 2380' and use tubing to set plug.

6. **Plug #4 (Nacimiento top and 8-5/8" Casing Shoe, 688' to Surface):** Perforate 6 bi-wire squeeze holes through both 3-1/2" and 5-1/2" casings at 688'. Establish circulation out bradenhead valve. Mix and pump approximately 150 sxs Class B cement down 3-1/2" casing from 688' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.

7. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

San Juan Unit 32-5 #15A

Current

Blanco Mesaverde

NE, Section 27, T-32-N, R-6-W, Rio Arriba County, NM

Today's Date: 4/18/00
Spud: 6/20/61
DK Completed: 7/28/61
DK P&A: 11/4/77
MV Re-Completed: 11/22/77
Elevation: 6141' (GL)
6151' (KB)

Nacimiento @ 638'

Ojo Alamo @ 2080'

Kirtland @ 2240'

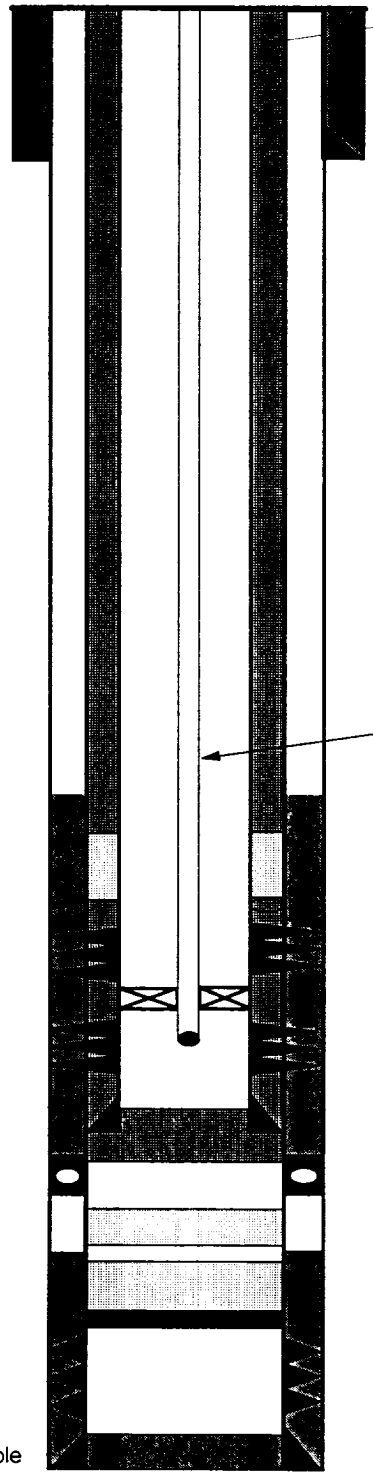
Fruitland @ 2380'

Pictured Cliffs @ 2820'

Mesaverde @ 5210'

Gallup @ 6486'

Dakota @ 7664'



12-1/4" hole

7-7/8" Hole

TD 7898'

TOC circulated

8-5/8" 24# J-55 Csg set @ 562'
350 sxs cement (Circulated to Surface)

WELL HISTORY

Aug' 70: Pull tubing; set CR at 6365'; swab well.

Sep '71: Isolate Casing Leak: Pull tubing and knock CR out; set CR at 7518'; land tubing and swab well.
Jul '72: Swab well: RIH to top of packer at 7518', no fluid. RD.

Nov '77: P&A DK and Complete MV: Pull tubing; ran logs; found 5-1/2" casing parted at 610'; attempt to pull casing, stuck; Dk P&A with 215 sxs above CR to 7289'; Gl P&A with 25 sxs; set 3-1/2" casing at 5997'; cement to surface; perf and frac Mesaverde zone; water, so 2 sqz holes at 5000' and sqzd with 150 sxs; drill out cement, blow well and land tubing.

Oct '78: Cliffhouse Wet: Pull tubing; set lockset packer at 5320' in MV perforations.

1-1/4" Tubing set at 5425'
(175 jts, 2.4#, EUE, Packer at 5324')

TOC @ 4494' (Calc, 75%)
Perf 2 sqz at 5000', sqz w/150 sxs drill out 4808' to 5010' (Nov '77)

Baker Model "C" Packer set at 5320', with 10,000# compression (Oct '78)

Mesaverde Perforations:
5242' - 5715'

3-1/2" 9.2#, J-55 Casing Set @ 5897'
Cemented with 571 cf,
Circulate Cement to Surface

DV Tool @ 5942'
Cmt w/200 sxs

P&A Gl with 25 sxs, 6292' to 6060' (Nov '77)

TOC @ 6811' (Calc, 75%)

Set Cmt Retainer @ 7518', P&A DK with 25 sxs of cmt 7514' - 7289' (Nov '77)

Dakota Perforations:
7792' - 7754'

5-1/2" 17#, N-80 Casing Set @ 7898'
Cemented with 150 sxs

San Juan Unit 32-5 #15A

Proposed P&A

Blanco Mesaverde

NE, Section 27, T-32-N, R-6-W, Rio Arriba County, NM

Today's Date: 4/18/00
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DK P&A: 11/4/77
MV Re-Completed: 11/22/77
Elevation: 6141' (GL)
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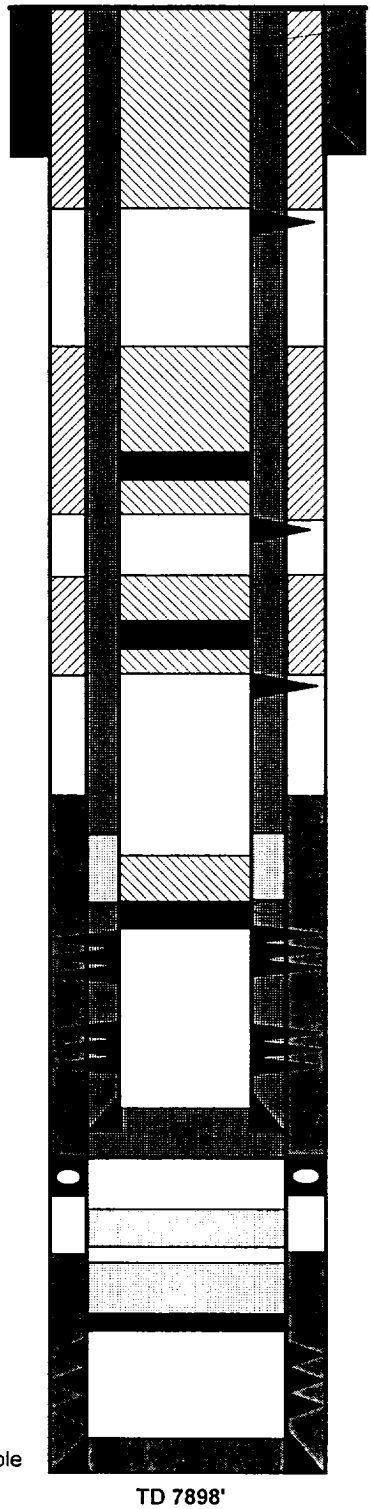

12-1/4" hole

7-7/8" Hole

TD 7898'

TOC circulated

8-5/8" 24# J-55 Csg set @ 562'
350 sxs cement (Circulated to Surface)

Perforate @ 688'

Plug #4 688' - Surface
Cmt with 150 sxs Class B

Nacimiento @ 638'

Plug #3 2430' - 2030'
Cmt with 137 sxs Class B,
118 sxs outside casing
and 19 sxs inside.

Ojo Alamo @ 2080'

Kirtland @ 2240'

Cmt Retainer @ 2380'

Perforate @ 2430'

Plug #2 2870' - 2560'
Cmt with 105 sxs Class B,
91 sxs outside casing
and 14 sxs inside.

Fruitland @ 2610'

Pictured Cliffs @ 2820'

Cmt Retainer @ 2820'

Perforate @ 2870'

Plug #1 5192' - 5092'
Cmt with 10 sxs Class B

Set CBIP @ 5192'

TOC @ 4494' (Calc, 75%)

Perf 2 sqz at 5000', sqz w/150 sxs
drill out 4808' to 5010' (Nov '77)

Mesaverde @ 5210'

Baker Model "C" Packer set at 5320',
with 10,000# compression (Oct '78)

Mesaverde Perforations:
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