Form 3160-5 (September 2001)

TYPE OF SUBMISSION

Notice of Intent

Subsequent Report

Acidize

Alter Casing

Casing Repair

Change Plans

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004

. Lease Serial No.

SF081334

Water Shut-Off

Well Integrity

Other

6. If Indian, Allottee or Tribe Name

abandoned Well. Use Form 3160-3 (Al	Pullion such proposals. 1 10			
SUBMIT IN TRIPLICATE - Other instructions on reverse side		7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well ☐ Other 2. Name of Operator		8. Well Name and No. Leeson Federal #42-27		
McElvain Öil & Gas Properties, Inc.		9. API Well No. 30-039-24148		
3a. Address 1050 17 th Street #1800 Denver, CO 80123	3b. Phone No. (include area code) 303-893-0933	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		W. Lindrith Gallup Dakota		
1650' FNL & 330' FEL Sec. 27 T25N R3W		11. County or Parish, State Rio Arriba, NM		
12 CHECK ADDDODDIATE BOY(ES)	TO INDICATE NATURE OF NOTICE P	EPORT OR OTHER DATA		

Final Abandonment Notice 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 Abandonnent Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Deepen

Fracture Treat

☑ Plug and Abandon

New Construction

TYPE OF ACTION

☐ Reclamation

☐ Recomplete

☐ Production (Start/Resume)

☐ Temporarily Abandon

McElvain Oil & Gas Properties, Inc. intends to plug & abandon this well per the attached procedure.



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14. I hereby certify that the foregoing is true and correct		LaCl Clar		
Name (Printed/Typed)				
John D. Steuble	Title	Vice President, Engineer	ing	
Signature Journ S. Steuble	Date	October 7, 2004		
THIS SPACE FOR FEDER	AL OR	STATE OFFICE USE		well and A
Approved by Original Signed: Stephen Mason		Title	Date	NOV 2 2 2004
Conditions of approval, if any, are attached. Approval of this notice does not was certify that the applicant holds legal or equitable title to those rights in the subject 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, make it a crime for States any false, fictitious or fraudulent statements or representations as to any matter	any pers within i	on knowingly and willfully to make to	any den	ment of the United

P&A Procedure

Leeson Federal #42-27

Lease Designation and Serial No. SF081334

Unit or CA Designation: NMNM77232

API # 30-039-24148

Field: W. Lindrith Gallup Dakota

Location: 1650 FNL, 330' FEL, Section 27, T25N R3W Rio Arriba Co. NM.

Current Status.

Hole and Casing

Surface: 12 1/4" hole surface to 817'

9 5/8 " 36# casing set at 817'. Cemented with 435 sx Class B with 2% CC and 1/4#

flakes. Circulated to surface.

Production: 7 7/8" hole to 8204'.

5 ½" 15.5# and 17# casing set at 8204. DV tools at 4947 and 3578. Cemented in 3

stages with 959 sx cement.

Stage 1: 480 sx Class 'B' 50/50 poz with 2% gel, 6.25 #/sx gilsonite, 6 #/sx salt. 63 sx

Class 'B' neat. 765 ft3 of cement. Calculated top (70% effective) 5113.

Stage 2: 210 sx Class 'B' 50/50 poz with 2% gel, 6.25 #/sx gilsonite, 6#/sx salt. 63 sx

Class 'B' neat. 376 ft3 of cement. Calculated top (70% effective) 3428.

Stage 3: 80 sx Class 'B' 50/50 poz with 2% gel, 6.25 #/sx gilsonite, 6#/sx salt. 63 sx

Class 'B' neat. 189 ft3 of cement.

Calculated top (70% effective) 2815.

Squeeze jobs: 4 holes at 7262 and 6830. Retainer at 6930. Squeeze with 102 sx Class

B. Resqueeze with 50 sx Class B.

Perforations:

Dakota 8038 to 8098 with 22 shots.

Gallup 6982 to 7112..

Plug Back:

Baker Model K cement retainer at 8180.

Formation Tops:

Nacimiento	1638
Ojo Alamo	3212
Pictured Cliffs	3670
Lewis	3718
Huerf Bent	4073
Chacra	4586
Cliff House	5329
Menefee	5440
Point Lookout	5840
Mancos	6053
Gallup	7000
Greenhorn	7826
Granerous	7894
Dakota	7932

Tubing:

2 7/8 set at 8052. Anchor at 6906. 218 jts above anchor. 254 jts overall.

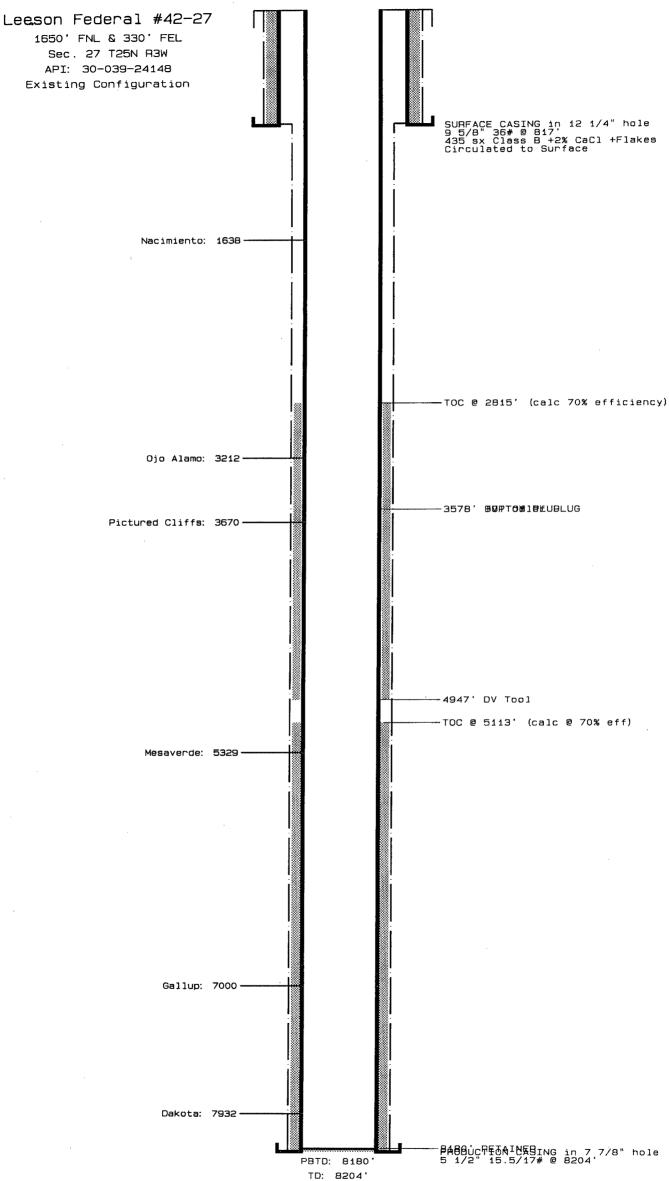
Procedure

- 1. Rig up service unit.
- 2. Blow down well.
- 3. Pump 50 bbls fresh water down casing
- 4. Unseat pump and lay down 2 rods
- 5. Pump 80 bbls heated water down tubing
- 6. POOH laying down rods
- 7. Rig up BOP and test.
- 8. Release anchor
- 9. Pick up tubing and tag bottom. Pull and tally tubing lay down excess tubing. Visually inspect tubing for holes and corrosion.
- 10. Rig up wireline.
- 11. RIH with CIBP
- 12. Set CIBP @ 6960'. With dump bailer cap with 35' of coments Boing Coment top to 6824' + excess
- 13. Run tubing to 5379'+/- and spot balanced cement plug from 5379' to 5229' with 26sx cement. (Mesaverde) Chera plug 4636'-4536
- 14. Pull tubing to 3720'+/- and spot balanced cement plug from 3720' to 3570' with 28 sx cement. (Pictured Cliffs)
- 15. Pull tubing to 3262'+/- and spot balanced cement plug from \$262' to 3112' with 26 sx cement. (Ojo Alamo)
- 16. Pull tubing and lay down excess 2858
- 17. Rig up wireline and perforate 5 ½ at 1658'. (Nacimiento)
- 18. Run retainer on tubing and set at 1550'. Open bradenhead. Squeeze perforations with 57 sx cement. Sting out of retainer and leaving 50 cement on top of retainer (10 sx)
- 19. Pull tubing and lay down excess
- 20. Rig up wire line and perforate at 870'.

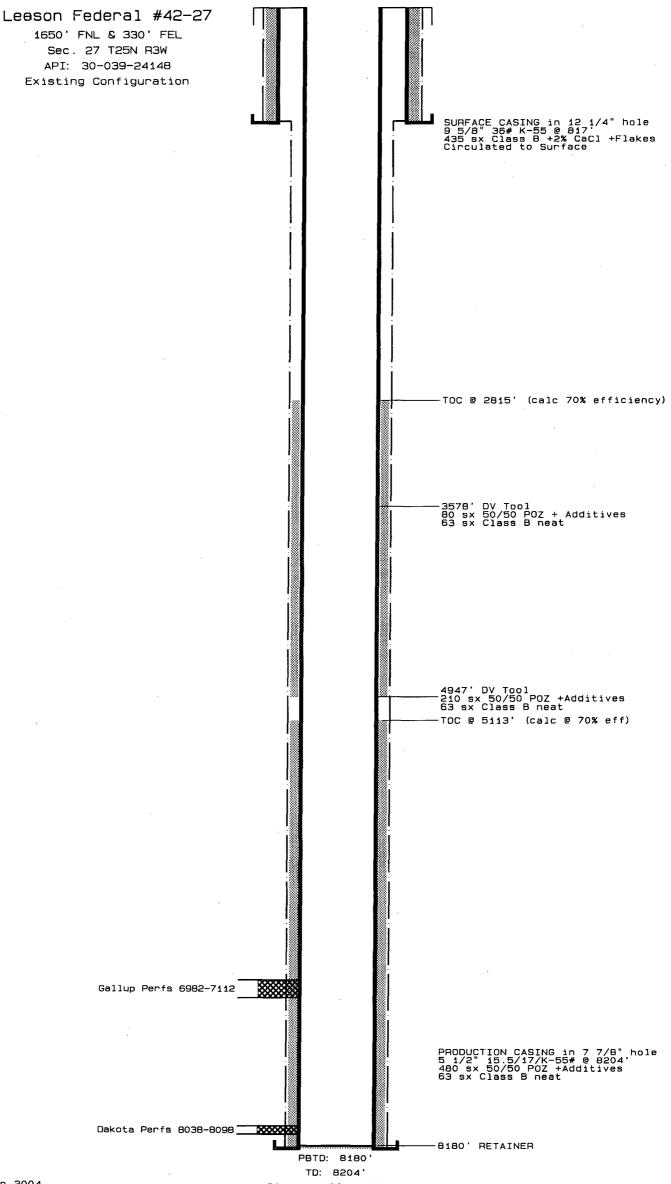
Leeson Federal #42-27 P&A Procedure Page #3

- 21. RIH with tubing and retainer.
- 22. Set retainer at 820'. Squeeze perforations with 54 sx cement. Sting out of retainer and leave 100' cement on top of retainer (17 sx)
- 23. Rig up wire line and perforate at 150'.
- 24. Tie onto casing and attempt to circulate out of bradenhead. Circulate cement out of bradenhead with 52 sx.
- 25. Rig down BOP
- 26. Cut off casing and well head.
- 27. Top off casing with cement.
- 28. Check that cement is at top of well, fill up casing stub with sacrete if necessary. Install dry hole marker and reclaim location.

All cement volumes are using 15.6# Class B (yield 1.18) with 50% excess.



20 Sep 2004 File: Leeson42-27.cur.WP4 Diagram: 0' to 8204' VERT Scale: 1"=663'



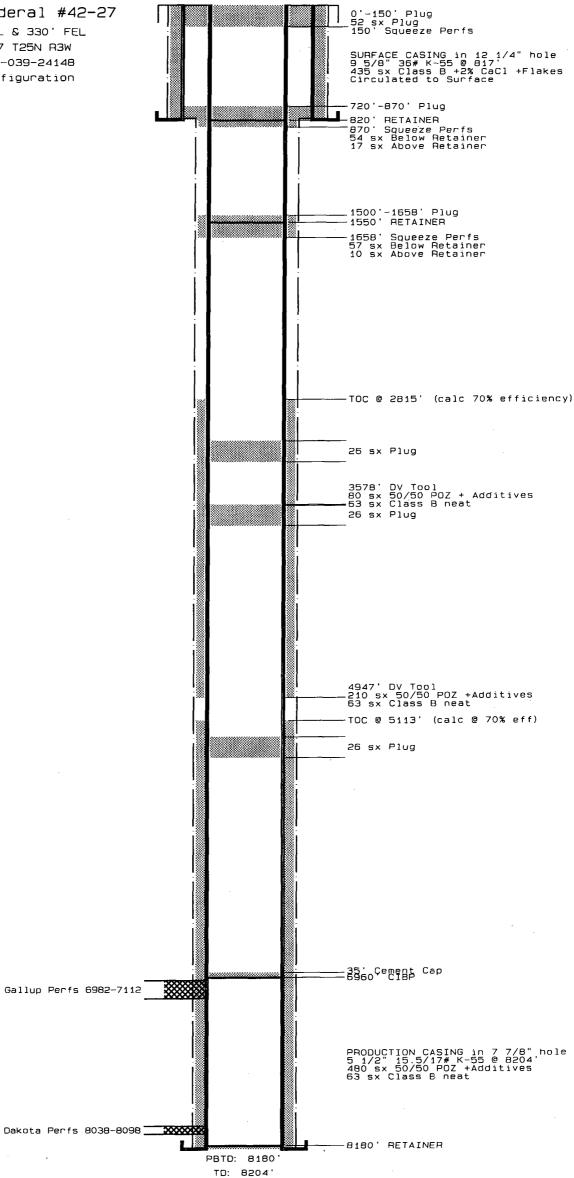
28 Sep 2004 File: Leeson42-27.cur.WP4 Diagram: 0' to 8204' VERT Scale: 1"=663' Leeson Federal #42-27 0'-150' Plug 52 sx Plug 150' Squeeze Perfs 1650' FNL & 330' FEL Sec. 27 T25N R3W API: 30-039-24148 SURFACE CASING in 12 1/4" hole 9 5/8" 36# K-55 @ 817' 435 sx Class B +2% CaCl +Flakes Circulated to Surface P&A Configuration 720'~870' Plug B20' RETAINER
B70' Squeeze Perfs
54 sx Below Retainer
17 sx Above Retainer 1500'-1658' Plug 1550' RETAINER 1658' Squeeze Perfs 57 sx Below Retainer 10 sx Above Retainer Nacimiento: 1638 -TOC @ 2815' (calc 70% efficiency) 26 sx Plug Ojo Alamo: 3212-3578' DV Tool 80 sx 50/50 POZ + Additives -63 sx Class B neat 26 sx Plug Pictured Cliffs: 3670-4947' DV Tool 210 sx 50/50 POZ +Additives 63 sx Class B neat -TOC @ 5113' (calc @ 70% eff) 26 sx Plug Mesaverde: 5329 -35° Cement Cap Gallup: 7000 -PRODUCTION CASING in 7 7/8" hole 5 1/2" 15.5/17# K-55 @ 8204' 480 sx 50/50 PDZ +Additives 63 sx Class B neat Dakota: 7932 -8180' RETAINER PBTD: 8180'

7 Oct 2004 File: Leeson42-27.PA.WP4 TD: 8204' Diagram: 0' to 8204' VERT Scale: 1"=663' Leeson Federal #42-27

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1650' FNL & 330' FEL Sec. 27 T25N R3W API: 30-039-24148

P&A Configuration



7 Oct 2004 File: Leeson42-27.PA.WP4 Diagram: 0' to 8204' VERT Scale: 1"=663'