

1625 N. French Drive

Hobbs, NM 88240

Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
Hanson Operating Company, Inc.3a. Address
P. O. Box 1515
Roswell, New Mexico 88202-15153b. Phone No. (include area code)
505-622-73304. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2310' FNL & 1650' FWL, Unit F, Section 7-9S-30E5. Lease Serial No.
NM-88148

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Mac Federal #19. API Well No.
30-005-2114310. Field and Pool or Exploratory Area
Many Gates San Andres11. Country or Parish, State
Chaves County, New Mexico

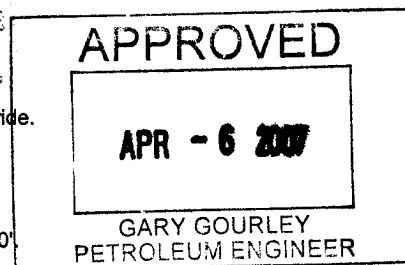
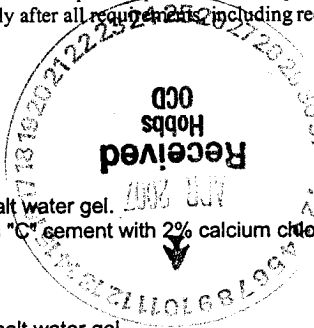
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Propose to Plug and Abandon well in the following manner:

- MIRU. Dig temporary workover pit to pump cement plugs.
- Set CIBP at 3220' with 35' cement cap.
- Perforate casing at 925' with 4 squeeze holes.
- Pump 55 barrel of 9.5 pound brine with 12.5 pound per barrel salt water gel.
- Squeeze and set First Plug at 925' - 825' with 40 sacks of Class "C" cement with 2% calcium chloride.
- WOC for 4 hours.
- Tag plug at approximately 825'.
- Perforate casing at 400' with 4 squeeze holes.
- Pump 25 barrels of 9.5 pound brine with 12.5 pound per barrel salt water gel.
- Squeeze with sufficient cement (+/- 80 sacks) to circulate to surface for a solid plug from 400' - 300'.
- Pump 5 barrels of 9.5 pound brine with 12.5 pound per barrel salt water gel.
- Set Surface Plug at 100' to surface with 10 sacks of Class "C" cement and 2% calcium chloride.
- Install plugged and abandoned marker.



14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
Carol J. Smith

Title Production Analyst

Signature

Date 04/04/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease 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 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.

(Instructions on page 2)

GWW

Operator: Hanson Operating Company,
Lease: NM-88148

Well: Mac Federal #1
API: 30 005 21142

T09S-R30E, Sec 07, 2310'

KB@: 4084
GL@: 4078
Corr: 6

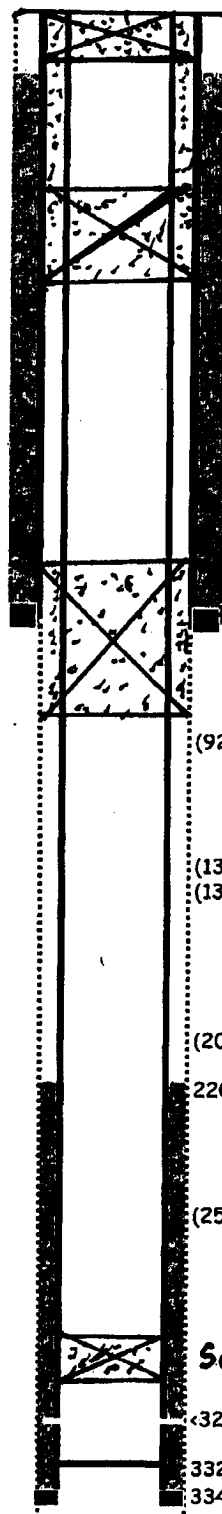
Well Data:

Csg Depth, TOC, Comments
(Formation Tops-BLM Review)
<Perfs> |<saz'd Perfs>|

Work String, OD: 2 3/8
Work String, Wt: 4.70
Work String, ID: 1.995
Wk Stg, ft/bbl: 258.6452
Jts: 105
Ft/Jt: 31.08

Surface Hole, ID: 12 1/4
Surface Hole, 6.8599
SHole-SCsg, 13.6037
Srf Csg, OD: 8 5/8
Srf Csg, Wt: 32.00
Srf Csg, ID: 7.9210
Srf Csg, ft/bbl: 16.4070
S Csg-P Csg, 31.6818
WS in S Csg, 18.0278

Cmt: 260sx, circ 90sx??? (BS)



Surface Plug F/400-0'
45' calc TOC

Perforate @ 400' & Squeeze With Sufficient Cement
(±80SX) To Circulate To Surface & Have Solid
Plug F/400-300'

Perforate @ 925' & Squeeze W/40 SX Cement-Tag
(928 top of salt) To Have Solid Plug F/925-825'

(1378 base of salt)
(1398 Yates)

(2038 Queen)

2200 calc TOC

(2568 San Andres)

Set CIBP @ 3220' W/35' Cement

<3273-3314>

3325 CIBP 02/01/1997

3340 1/9/1997

Prod Hole, ID: 7 7/8
Prod Hole, ft/bbl: 16.5993
P Hole - WS, 18.2601
Hole - Csg, ft/bbl: 32.4065
Prod Csg, OD: 5 1/2
Prod Csg, Wt: 15.5
Prod Csg, ID: 4.95
Prod Csg, ft/bbl: 42.0126
P Csg - WS, ft/bbl: 54.5764

Cmt: 150sx