

+Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-045-09231

5. Indicate Type of Lease STATE [ ] FEE [X]

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name

1. Type of Well: Oil Well [ ] Gas Well [X] OTHER

J.S. Hartman "A"

2. Name of Operator Conoco Inc.

8. Well No #1

3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500

9. Pool name or Wildcat Basin Dakota

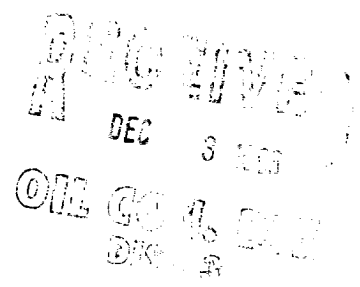
4. Well Location Unit Letter C 990' Feet From The North Line and 1750' Feet From The West Line Section 26 Township 30N Range 11W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [ ], PLUG AND ABANDON [X], TEMPORARILY ABANDON [ ], CHANGE PLANS [ ], PULL OR ALTER CASING [ ], OTHER [ ]. 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.

It is proposed to abandon this well using the attached procedure



13. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE: Kay Maddox, TITLE: Regulatory Agent, DATE: November 30, 1998. TYPE OR PRINT NAME: Kay Maddox, TELEPHONE NO: 686-5798

(this space for State Use) APPROVED BY: ORIGINAL SIGNED BY CHARLIE T. PERPETI, TITLE: DEPUTY OIL & GAS INSPECTOR, DATE: 3 1998

CONDITIONS OF APPROVAL IF ANY

## PLUG AND ABANDONMENT PROCEDURE

10-26-93

### J.S. Hartman A #1

Basin Dakota

990 FNL and 1750 FWL / NW, Sec. 26, T30N, R11W  
San Juan 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 Conoco safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. Tally and prepare to PU tubing workstring.
4. **Plug #1 (Dakota perforations and top, 6625' - 6525')**: TIH with saw tooth collar on tubing and tag fill at 6625', or as deep as possible. Load casing with water and attempt to circulate to surface. Mix 12 sxs Class B cement and spot a balanced plug above PBTB to isolate Dakota perforations and top. TOH to 5917'. If well bore not stable, then WOC and tag cement.
5. **Plug #2 (Gallup top, 5917' - 5817')**: Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover Gallup top. POH with tubing.
6. **Plug #3 (Mesaverde top, 4039' - 3939')**: Perforate 4 squeeze holes at 4039'. TIH and set 4-1/2" cement retainer at 3989'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover Mesaverde top. Pressure test casing above CR to 500#. If casing does not test then tag or spot subsequent plug as necessary. TOH to 2378'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2378' - 1935')**: Mix 37 sxs Class B cement and spot a balanced plug inside casing to cover PC and Fruitland tops. TOH to 1140'.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 1140' - 895')**: Mix 22 sxs Class B cement and spot a balanced plug inside casing from to cover Ojo Alamo top. TOH to 349'.
9. **Plug #6 (8-5/8" Casing Shoe at 299')**: Connect pump line to bradenhead and attempt to pressure test to 300#. If test OK, then mix approximately 26 sxs Class B cement from 349' to surface, circulate good cement out casing valve. TOH and LD tubing. If bradenhead does not hold then, then perforate at 349' and circulate cement to surface. Shut in well and WOC.
10. ND BOP and cut off wellhead 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.

# J.S. Hartman A #1

Current

Basin Dakota

NW Section 26, T-30-N, R-11-W, San Juan County, NM

Long. 107.7629 / Lat. 36.78772

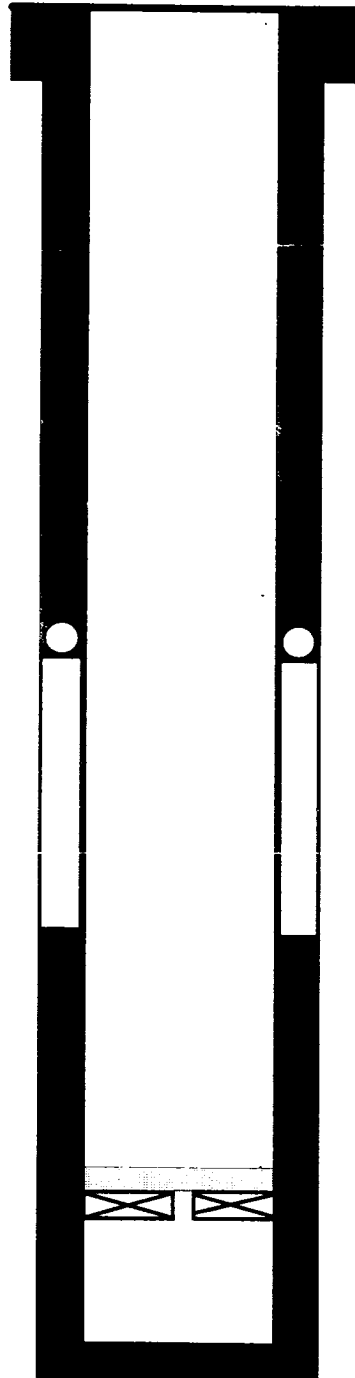
Today's Date: 10/26/98

Spud: 1/21/64

Completed: 3/4/64

Elevation: 5911' (GL)

12-1/4" Hole



TOC @ Surface (Calc 75%)

8-5/8" 24# Csg set @ 239'  
Cmt w/ 175 sxs (Circulated to Surface)

### Workover History

Jan '67: Casing leak repair; pull tubing; set Model D packer at 6680'; spot Kempac in casing and land tubing; swab well.

Feb '97: POH with tbg; attempt to clean out, no circulation; blow well with N2, nothing to surface; ran slick line bars to 6677'; isolated casing leaks from 3851 to 5251'; retrieve RBP; TIH with seal assembly and 2-3/8" tubing; tag fill at 6625'; 55' fill on pkr; unable to circulate down; TOH and LD tubing.

**NO TUBING IN WELL**

Ojo Alamo @ 945'

Kirtland @ 1090'

Fruitland @ 1985'

Pictured Cliffs @ 2328'

Mesaverde @ 3989'

Gallup @ 5867'

Dakota @ 6806'

DV Tool @ 2469'  
Cmt w/ 1193 cf

TOC @ 5692' (Calc. 75%)

Model D Packer @ 6680'  
fill on top to 6625'

Dakota  
Perforations:  
6742' - 6904'

4 -1/2" 10.5# & 11.6# Csg. Set @ 6979'  
Cemented with 250 sxs (391cf)

7-7/8" Hole

TD 6980'

# J.S. Hartman A #1

Proposed P&A

Basin Dakota

NW Section 26, T-30-N, R-11-W, San Juan County, NM

Long. 107.7629 / Lat. 36.78772

Today's Date: 10/26/98

Spud: 1/21/64

Completed: 3/4/64

Elevation: 5911' (GL)

Ojo Alamo @ 945'

Kirtland @ 1090'

Fruitland @ 1985'

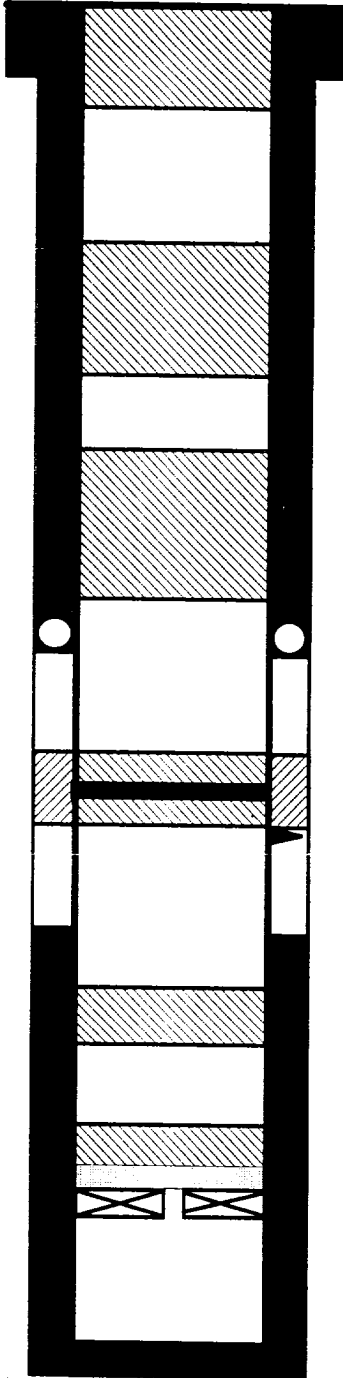
Pictured Cliffs @ 2328'

Mesaverde @ 3989'

Gallup @ 5867'

Dakota @ 6806'

12-1/4" Hole



TOC @ Surface (Calc 75%)

8-5/8" 24# Csg. set @ 299'  
Cmt w/ 175 sxs (Circulated to Surface)

**Plug #6 349' - Surface**  
Cmt with 26 sxs Class B

**Plug #5 1140' - 895'**  
Cmt with 22 sxs Class B

**Plug #4 2378' - 1935'**  
Cmt with 37 sxs Class B

DV Tool @ 2469'  
Cmt w/ 1193 cf

**Plug #3 4039' - 3939'**  
Cmt with 51 sxs Class B,  
39 sxs outside casing  
and 12 sxs inside.

**Cmt Retainer @ 3989'**

**Perforate @ 4039'**

TOC @ 5692' (Calc: 75%)

**Plug #2 5917' - 5817'**  
Cmt with 12 sxs Class B

**Plug #1 6625' - 6525'**  
Cmt with 12 sxs Class B

Model D Packer @ 6680',  
fill on top to 6625'

Dakota  
Perforations:  
6742' - 6904'

4 - 1/2" 10.5# & 11.6#, Csg. Set @ 6979'  
Cemented w/tn 250 sxs (391cf)

7-7/8" Hole

TD 6980'