State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. **Type of Well**
   GAS

RECEIVED
JUN - 3 1999
OIL CON. DIV.
DIST. 3

API # (assigned by OCD)
30-045-07959

5. **Lease Number**
   FEE
6. **State Oil&Gas Lease #**

2. **Name of Operator**
   Manana Gas Inc. for John C. Pickett
7. **Lease Name/Unit Name**
   Grace Pearce
8. **Well No.**
   #1
9. **Pool Name or Wildcat**
   Aztec Fruitland
10. **Elevation:**
11. **County**
    San Juan County

3. **Address & Phone No. of Operator**
   2520 Tramway Terrace Ct., NE, Albuquerque, NM 87122 (505)856-1084

4. **Location of Well, Footage, Sec., T, R, M**
   990' FSL and 1650' FEL,
   Sec.22, T-29-N, R-11-W, NMPM,

Type of Submission	**Type of Action**	
_X__ Notice of Intent	__X_ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	___ Other -	

13. Describe Proposed or Completed Operations

Manana Gas Inc. proposed to plug and abandon this well per the attached procedure/

SIGNATURE Ed Hartman Agent June 2, 1999
Ed Hartman

(This space for State use) APPROVED BY CHARLIE T. PERRIN DEPUTY OIL & GAS INSPECTOR, DIST. #3
Approved by _____ **Title** _____ **Date** JUN 3 1999

PLUG & ABANDONMENT PROCEDURE

3-2-99

Grace Pearce #1
Fruitland
990' FSL & 1650' FEL, Section 22, T-29-N, R-11-W
San Juan County, NM

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

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

2. TOH with 2-3/8" tubing; visually inspect; if necessary LD and PU workstring. Run wireline gauge ring to 1340'.

3. **Plug #1 (Fruitland interval, 1340' - 1240'):** Set 4-1/2" wireline CIBP at 1340'. TIH with open ended tubing and tag CIBP. Load well with water and pressure test 4-1/2" casing to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix and spot 11 sxs Class B cement above the CIBP to isolate Fruitland interval. TOH with tubing.

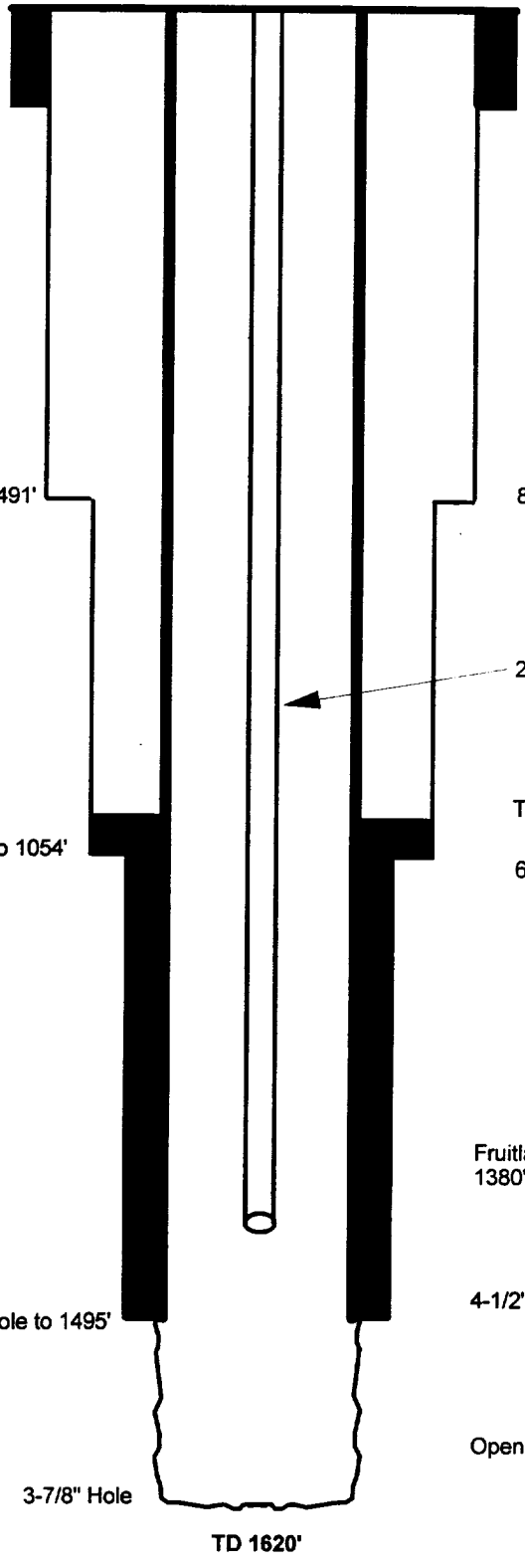
4. **Plug #2 (Kirtland and Ojo Alamo tops, 610' – 399'):** Perforate 3 HSC squeeze holes at 610'. Establish rate into squeeze holes if casing tested. Set 4-1/2" cement retainer at 560'. Pressure test tubing to 1000#. Establish rate under CR, then mix and pump 136 sxs Class B cement, squeeze 116 sxs outside casing and leave 20 sxs inside to cover Ojo Alamo top. TOH and LD.

5. **Plug #3 (10-3/4" Surface Casing at 131'):** Perforate 3 squeeze holes at 181'. Establish circulation to surface out bradenhead valve. Mix and pump approximately 100 sxs Class B cement down 4-1/2" casing and out bradenhead, circulate good cement to surface. Shut in well and WOC.

6. ND BOP and cut below surface casing. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

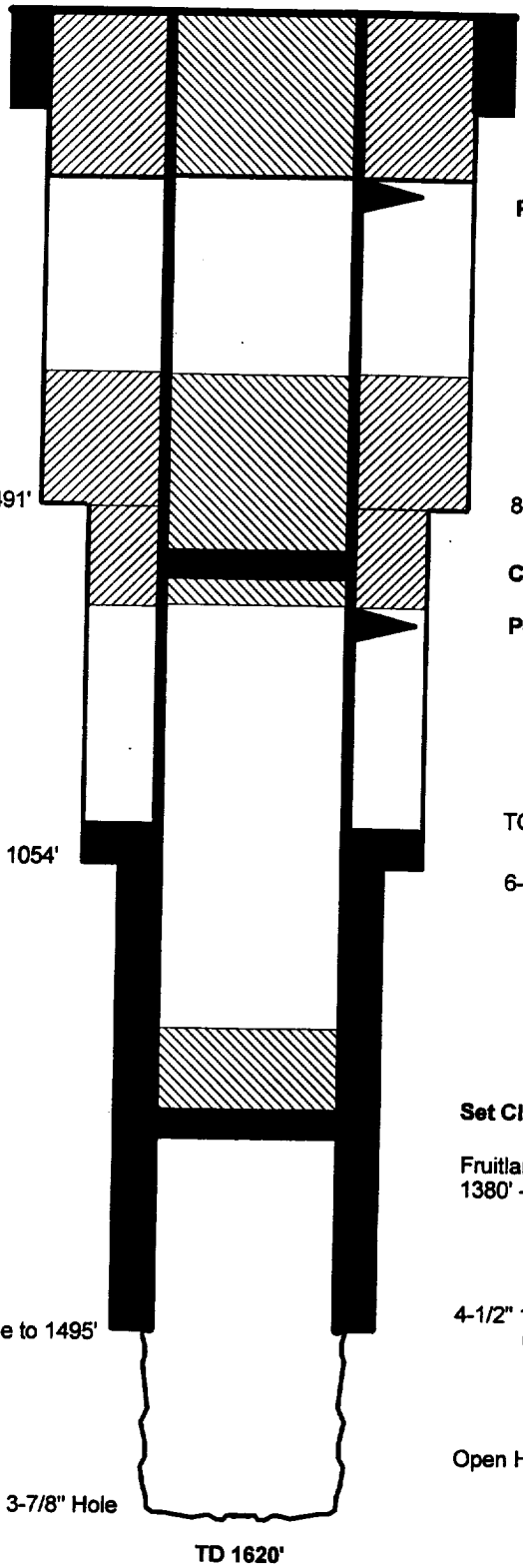
Grace Pearce #1
Current
Fruitland
SE, Section 22, T-29-N, R-11-W, San Juan County, NM

Today's Date: 3/2/99
Spud: 6/19/58
Completed: 8/6/58
Elevation: 5425' (GL)



Grace Pearce #1
Proposed P&A
Fruitland
SE, Section 22, T-29-N, R-11-W, San Juan County, NM

Today's Date: 3/2/99
Spud: 6/19/58
Completed: 8/6/58
Elevation: 5425' (GL)



12" Hole

10-3/4" 32# Casing Set @ 131'
Cmt w/ 50 sxs (Circulated to Surface)

Perforate @ 181'

Plug #3 181' - Surface
Cmt with 100 sxs Class B

Plug #2 610' - 399'
Cmt with 136 sxs Class B,
116 sxs outside casing
and 20 sxs inside.

Ojo Alamo @ 449'

10" Hole to 491'

8-5/8" Casing @ 491' Then Pulled

Kirtland @ 560'

Cement Rt @ 560'

Perforate @ 610'

TOC @ 1028' (Calc, 75%)

8" Hole to 1054'

6-5/8" Casing @ 1055' Then Pulled

Plug #1 1340' - 1240'
Cmt with 11 sxs Class B

Fruitland @ 1388'

Set CIBP at 1340'

Fruitland Perforations:
1380' - 1466'

6" Hole to 1495'

4-1/2" 11.5# Casing set @ 1495'
Cmt with 50 sxs (59 cf)

Open Hole 1495' to 1620' ??

3-7/8" Hole

TD 1620'