

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO
SF078765
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
WILLIAMS PRODUCTION CO. (ON BEHALF OF NORTHWEST PIPELINE CORP.)

3. ADDRESS OF OPERATOR
P.O. BOX 58900, SALT LAKE CITY UTAH 84158-0900

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
UNIT N(SE/4 SW/4) 1140' FSL & 1700' FWL

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6148' GR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME
ROSA UNIT

9. WELL NO.
#25

10. FIELD AND POOL, OR WILDCAT
BLANCO MESA VERDE

11. SEC., T., R., M., OR BLK. AND
SURVEY OR ARMA
SEC 15, T31N, R6W

12. COUNTY OR PARISH
RIO ARRIBA

13. STATE
N.M.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☒
REPAIR WELL ☐ CHANGE PLANS ☒
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other) ☐

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

17. 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.)*

1) SEE ATTACHED PROCEDURE FOR CHANGES FROM APPROVED PROCEDURE. THE APPROVED PROCEDURE IS ALSO ATTACHED.

RECEIVED
OIL CON. DIV.
DIST. 3

RECEIVED
OIL CON. DIV.
DIST. 3

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

SIGNED *Clark M. Cichewicz*

TITLE *SR. ENGINEER*

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED
AS AMENDED

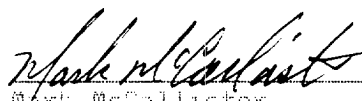
DATE *10/27/92*

DATE
AREA MANAGER

ROSA UNIT #25 MV
P&A PROCEDURE

PROCEDURE APPROVED
W/ CHANGES

1. Dig blow pit.
2. Pull RL Service Unit.
3. Hold safety meeting and discuss procedure.
4. RD stringer on 2 5/8" tubing and 1H. Sting into cement retainer @ 2180'.
5. Establish a rate into perforations and squeeze perforations with 50 sx of class "B" and spot 40 sx of class "B" and 175 sx of class "B" 65/55 poz w/ 12% gel in liner, and across top of liner. Sting out of retainer and leave 5 sx on top of retainer.
6. Spot 9#/gal mud to 2240' (50 below base of Ojo Alamo).
7. Run CBL and determine TOC behind 7-5/8" casing.
8. Perforate 50' above TOC and set a cement retainer at 2140' (50' above top of Ojo Alamo).
9. Squeeze with 100% excess to circulate cement 100' above top of Ojo Alamo and leave 7-5/8" casing full of cement to cement retainer and 5 sx on top of retainer.
10. Run a temperature survey after 8 hrs. WOC to determine TOC behind 7-5/8" casing.
11. Spot 9#/gal mud to 300' (50 below surface casing shoe).
12. Perforate 2 1/2" holes at 300'.
13. Squeeze with class "B" cement until the surface casing valve circulates. Leave 7-5/8" casing full of cement to the surface.
14. RD BOP, cut-off wellhead and install P&A marker. Clean up location and record according to GLM specifications.


Mark McCallister
Sr. Engineer
Production & Drilling

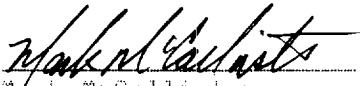
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*GLM ADDITIONAL REQUIREMENT: BRING CEMENT ON TOP OF RETAINER @ 2980'
TO 2759' (50' above top of FRT)*

ROSA UNIT #25 MW
P&A PROCEDURE

*REVISED
PROCEDURE*

1. Dig blow pit, lay blow lines and blow well down.
2. RSL RO Service Unit.
3. Hold safety meeting and discuss procedure.
4. PU stinger on 2-3/8" tubing and TIII. Circulate hole clean and sting into cement retainer at 2980'.
5. Establish a rate into perforations, squeeze with 38 sk. class "B" and spot 36 sk. of class "B" across perfs (5560' to 5234'). Spot 190 sk of "Low-Dense" (Y = 2.0% cuft/sk, 12.5 W/gal) to top of liner (5342' to 3333', 50% excess). Spot 120 sk of class "D" from liner top to retainer (3333' to 2980', 50% excess). Sting out of retainer and spot 74 sk of class "B" from retainer to 2759' (50% excess to cover 50' above top of Fruitland).
6. Spot 9W/gal mud to 2240' (50' below base of Ojo Alamo).
7. Perforate at 2342' (50' below top of Kirtland) and attempt to establish a rate.
 - A. If a rate is established through holes at 2342', set a retainer at 2280' and squeeze with 146 sk of class "B" cement (100% excess outside and 50% inside to cover top of Ojo Alamo).
 - B. If unable to establish a rate through holes at 2342', spot 53 sk of class "B" from 2342' to 2240' (50% excess). Perforate at 2238' and establish a rate. Put 7-5/8" cement retainer and set at 2138'. Squeeze top of Ojo Alamo with 75 sk of class "B" cement (100% excess outside and 50% inside casing).
8. Spot 9W/gal mud to 300' (50' below surface casing shoe).
9. Perforate 4 holes at 300' and establish circulation through holes and out Bradenhead.
10. Squeeze with class "B" cement until the Bradenhead valve circulates. Leave 7-5/8" casing full of cement to the surface (approx. 130 sk).
11. ND BOP, cut-off wellhead and install P&A marker. Clean up location and seed according to BLM specifications.


Mark McCallister
Sr. Engineer
Production & Drilling

NOVEMBER 7, 1991

WELLBORE DIAGRAM

WELL COMPLETED 7/57

ROSA UNIT #25 MV

SE/4 SW/4 SEC. 15, T01N, R08W
RIO ARriba CO, NM.

ELEV.: 6148' GR
KB = 11'

CASINGHEAD: 10"600 McEV0Y
TUBINGHEAD: 10"600 X 6"600 McEV0Y
(6-5/16" BORE)
BONNETT: 6"600 X 2-3/8"

TOPS:

OJO ALAMO: 2188'
KIRTLAND: 2292'
FRUITLAND: 2809'
PICTURED CLIFFS: 2980'
LEWIS: 3360'
CLIFF HOUSE: 5121'
MENELEE: 5242'
POINT LOOKOUT: 5460'

XXXXXXXXXX CEMENT RETAINER @ 2980'

LINER TOP @ 3333'

7-5/8" 26.4# J-55 @ 3430'

119 Joints of 1-1/4"
tubing lost in hole.

PSTD @ 5627'

J 5234'
J
J PERFORATIONS
J 5560'

FRAC: 120,200 gallons of
water only W/ 200 balls

5-1/2" 14# J-55 @ 5630'

CASING STRING	HOLE SIZE	CASING SIZE	CEMENT	CEMENT VOLUME	TOP OF CEMENT
SURFACE	13-1/2"	10-3/4"	232 sx	374 cu.ft.	Surface
INTERMEDIATE	9-7/8"	7-5/8"	250 sx	443 cu.ft.	2251' *
PRODUCTION	6-3/4"	5-1/2"	200 sx	236 cu.ft.	3333' ** 20 sx

NOVEMBER 7, 1991

WELLBORE DIAGRAM

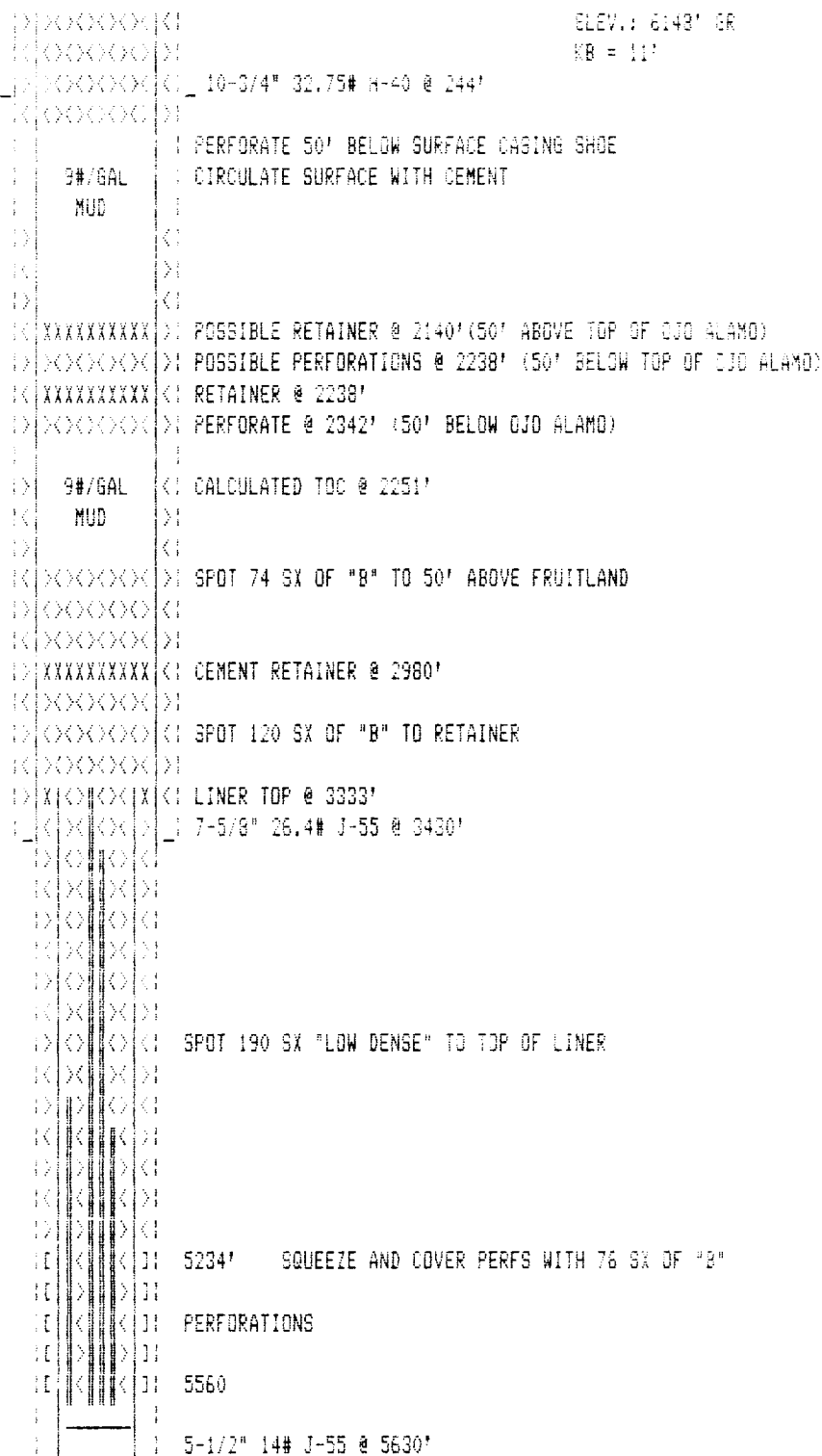
WELL COMPLETED 7/57

ROSA UNIT #25 MV
P & A

SE/4 SW/4 SEC. 15, T31N, R06W
RIO ARRIBA CO., NM

ELEV.: 6143' GR
KB = 11'

CASINGHEAD: 10"500 McEVOY
TUBINGHEAD: 10"500 X 6"600 McEVOY
(6-5/16" BORE)
BONNETT: 6"600 X 2-3/8"



TOPS:

OJO ALAMO: 2188'
KIRTLAND: 2292'
FRUITLAND: 2309'
PICTURED CLIFFS: 2980'
LEWIS: 3360'
CLIFF HOUSE: 5121'
MENEFEE: 5242'
POINT LOOKOUT: 5460'

119 Joints of 1-1/4"
tubing lost in hole

FBTD @ 5627'

CASING STRING	HOLE SIZE	CASING SIZE	CEMENT	CEMENT VOLUME	TOP OF CEMENT
SURFACE	10-1/2"	10-3/4"	232 sx	374 cu.ft.	Surface
INTERMEDIATE	9-7/8"	7-5/8"	250 sx	443 cu.ft.	2251' *
PRODUCTION	6-3/4"	5-1/2"	200 sx	236 cu.ft.	3333' ** 20 sx

* ALL CEMENT VOLUMES ARE REDUCED BY THE EQUIVALENT OF A 75% EXCESS TO CIRCULATE TOPS