



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

November 14, 1995

**Williams Production Company
c/o Walsh Engineering & Production Corporation
7415 East Main
Farmington, New Mexico 87402**

Attention: Paul C. Thompson

AMENDED Administrative Order DD-108(NSBHL)

Dear Mr. Thompson:

By Division Administrative Order DD-108(NSBHL), dated August 2, 1995, authorization was given Williams Production Company ("Williams") to directionally drill its Rosa Unit Well No. 90-A from a surface location 2025 feet from the North line and 1875 feet from the East line (Unit G) of Section 33, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico, to an unorthodox bottom-hole (infill) gas well location in the Blanco-Mesaverde Pool within 50 feet of a point 1862 feet from the South line and 1875 feet from the East line (Unit J) of said Section 33.

Reference is now made to your letter with attachments dated October 27, 1995 and to the Division's well file and records of this well, whereby an amendment should be issued in this order to accurately reflect the actual bottom-hole location of this wellbore.

The Division Director Finds That:

- (1) This application was originally approved under the provisions of General Rule 111.D and Rule 2(c) of the *"General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool"*;;
- (2) This amendment has been duly filed under the provisions of Division General Rules 111.D and 111.E and said Special Rule 2(c); and,

- (3) Williams owns all offsetting 320-acre tracts to the captioned well, no notification was therefore required.

IT IS THEREFORE ORDERED THAT:

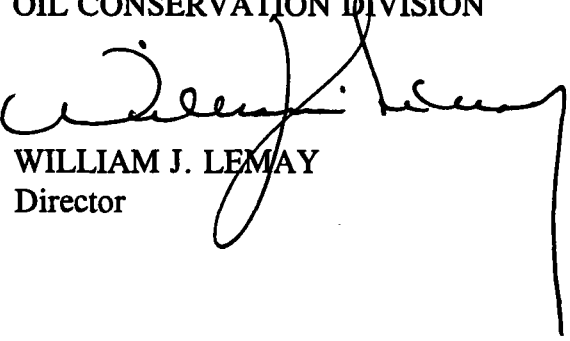
(1) Division Administrative Order DD-108(NSBHL) is hereby amended to properly reflect the actual bottomhole location for said Rosa Unit Well No. 90-A at a depth of approximately 6150 feet within the Blanco-Mesaverde Pool to be, more or less, 2033 feet from the South line and 2109 feet from the East line (Unit J) of said Section 33.

(2) All other provisions of said Order DD-108(NSBHL), dated August 2, 1995, not in conflict with this change shall remain in full force and effect until further notice.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
U. S. Bureau of Reclamation - Durango, Colorado

DD-108.AMD

Received: 10/30/95
Susp. NA
Released 11/13/95

November 13, 1995

**Williams Production Company
c/o Walsh Engineering & Production Corporation
7415 East Main
Farmington, New Mexico 87402**

Attention: Paul C. Thompson

AMENDED Administrative Order DD-108(NSBHL)

Dear Mr. Thompson:

By Division Administrative Order DD-108(NSBHL), dated August 2, 1995, authorization was given Williams Production Company ("Williams") to directionally drill its Rosa Unit Well No. 90-A from a surface location 2025 feet from the North line and 1875 feet from the East line (Unit G) of Section 33, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico, to an unorthodox bottom-hole (infill) gas well location in the Blanco-Mesaverde Pool within 50 feet of a point 1862 feet from the South line and 1875 feet from the East line (Unit J) of said Section 33.

Reference is now made to your letter with attachments dated October 27, 1995 and to the Division's well file and records of this well, whereby an amendment should be issued in this order to accurately reflect the actual bottom-hole location of this wellbore.

The Division Director Finds That:

- (1) This application was originally approved under the provisions of General Rule 111.D and Rule 2(c) of the "*General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool*";;
- (2) This amendment has been duly filed under the provisions of Division General Rules 111.D and 111.E and said Special Rule 2(c); and,
- (3) Williams owns all offsetting 320-acre tracts to the captioned well, no notification was therefore required.

AMENDED Administrative Order DD-108(NSBHL)
Williams Production Company
November 13, 1995
Page No. 2

IT IS THEREFORE ORDERED THAT:

(1) Division Administrative Order DD-108(NSBHL) is hereby amended to properly reflect the actual bottomhole location for said Rosa Unit Well No. 90-A at a depth of approximately 6150 feet within the Blanco-Mesaverde Pool to be, more or less, 2033 feet from the South line and 2109 feet from the East line (Unit J) of said Section 33.

(2) All other provisions of said Order DD-108(NSBHL), dated August 2, 1995, not in conflict with this change shall remain in full force and effect until further notice.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
U. S. Bureau of Reclamation - Durango, Colorado

OIL CONSERVATION DIVISION
RECEIVED

'95 OCT 30 AM 8 52



WALSH

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892

October 27, 1995

Mr. William J. LeMay
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Williams Production Company
Rosa Unit #90A
Section 33, T32N R6W
San Juan County, New Mexico
Blanco Mesa Verde

Dear Mr. LeMay,

By Administrative Order DD-108(NSBHL), Williams Production Company received approval for an exception to Rule 111 for the Rosa #90A. The approved bottom hole location was to be within a 50' radius of 1862' FSL and 1875' FEL of section 33, T32N, R6W.

The actual bottom hole location, as determined from directional surveys, is 2033' FSL and 2109' FEL. The directional surveys are attached for your review. This location places the bottom hole location outside of the target area and outside of the window for a legal location in the Mesa Verde pool.

This is a request on behalf of Williams Production Company for administrative approval for a non-standard gas location in the Blanco Mesa Verde pool for the referenced well.

The Rosa Unit #90A was directionally drilled from a legal location in the northeast quarter of Section 33, to avoid numerous archaeological sites. We were unable to find any location in the southeast quarter that did not impact archaeological sites and was outside the limits of Navajo Lake.

As you can see from the attached topographical map, most of the southeast quarter of section 33 is either in Lake Navajo or on extremely steep slopes dropping off into the lake. The rest of the quarter section is in an area of extensive archaeological activity. Cultural Resources Management Consultants, Inc. surveyed the area and found numerous sites in this quarter section.



The proposed spacing unit is the east half of Section 33, T32N, R6W, which is a standard 320 acre subdivision. As the Unit Operator of the Rosa Unit, Williams Production Company is the only offset operator. Attached is a plat indicating the well location and proposed spacing unit.

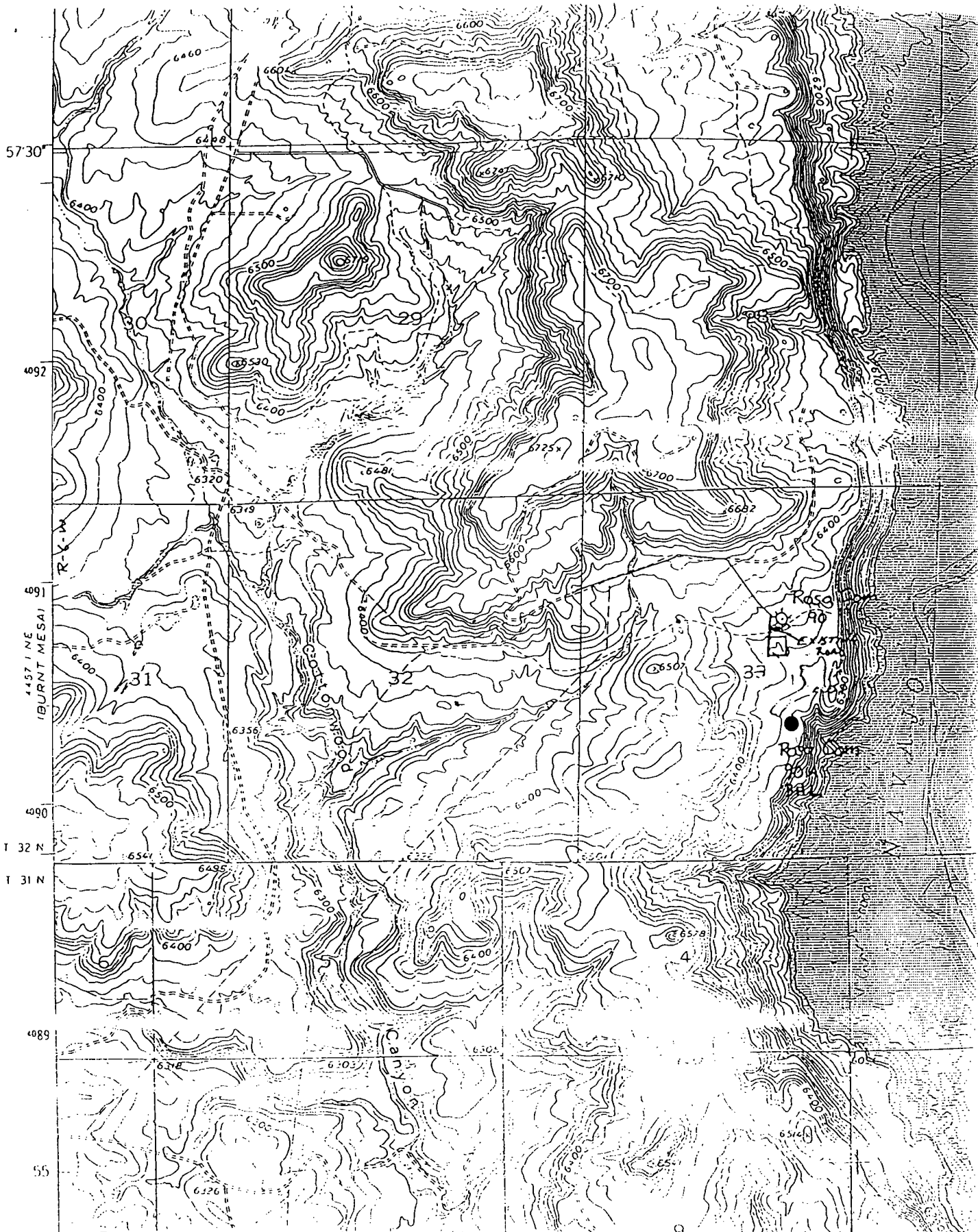
Thank you for your consideration and approval of this application. If you have any questions please do not hesitate to call upon me.

Sincerely,

A handwritten signature in cursive script that reads "Paul C. Thompson".

Paul C. Thompson, P.E.

cc: NMOCD, Aztec



PLAT #1
NORTHWEST PIPELINE CORPORATION
Rosa Unit #90A
2025'FNL & 1875'FEL
Section 33, T32N, R6W
San Juan County, New Mexico

16	<div style="text-align: right; margin-bottom: 10px;"> $\begin{array}{r} 101 \\ \times 29 \\ \hline 1875 \\ 234 \\ \hline \end{array}$ </div> <div style="text-align: right; margin-bottom: 10px;"> $\begin{array}{r} 191 \\ \times 33 \\ \hline 1862 \\ 171 \\ \hline \end{array}$ </div> <div style="text-align: right;"> </div>		<div> <h2 style="margin: 0;">17 OPERATOR CERTIFICATION</h2> <p style="font-size: small; margin: 5px 0;">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <div style="border-bottom: 1px solid black; margin: 5px 0;"> <i>Paul C. Thompson</i> </div> <p style="font-size: small; margin: 5px 0;">Signature</p> <p style="margin: 5px 0;">Paul C. Thompson, Agent</p> <p style="font-size: small; margin: 5px 0;">Printed Name President</p> <p style="margin: 5px 0;">Walsh Engr. & Prod. Corp.</p> <p style="font-size: small; margin: 5px 0;">Title</p> <p style="margin: 5px 0; text-align: center;">5/3/95</p> <p style="font-size: small; margin: 5px 0;">Date</p> </div> <div> <h2 style="margin: 0;">18 SURVEYOR CERTIFICATION</h2> <p style="font-size: small; margin: 5px 0;">I hereby certify that the well location shown on this plat was plotted from field notes of aerial surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p style="font-size: small; margin: 5px 0;">Date of Survey</p> <p style="font-size: small; margin: 5px 0;">Signature and Seal of Professional Surveyor:</p> <p style="text-align: center; margin: 20px 0; font-weight: bold;">ORIGINAL ON FILE</p> <p style="font-size: small; margin: 5px 0;">Certificate Number</p> </div>
<div style="display: flex; justify-content: space-between; width: 100%;"> 2628.78 2763.42 </div>			

ROSA UNIT #90A					
SURFACE LOCATION			2025' FNL & 1875' FEL		
TD LOCATION			2033' FSL & 2109' FEL		
MD	TVD	INCLINATION	AZMITH	N(+),S(-)	E(+),W(-)
0.00	0.00	0.00	0.00	0.00	0.00
100.00	100.00	0.67	187.61	-0.80	-0.08
200.00	199.99	0.67	204.39	-1.70	-0.40
300.00	299.98	0.67	229.70	-2.70	-1.22
400.00	399.97	1.16	234.65	-3.80	-2.60
500.00	499.94	1.52	233.25	-5.10	-4.47
600.00	599.90	1.65	228.67	-6.90	-6.61
700.00	699.88	6.44	195.01	-13.20	-9.13
800.00	798.44	11.06	197.45	-27.80	-13.48
900.00	896.37	12.29	193.10	-47.30	-18.77
1000.00	993.86	13.36	185.77	-69.20	-22.35
1100.00	1090.95	14.45	180.26	-98.20	-23.57
1200.00	1188.75	18.80	173.60	-121.70	-21.83
1300.00	1280.18	22.91	172.71	-157.10	-17.56
1400.00	1371.47	25.26	172.28	-197.50	-12.22
1500.00	1461.07	27.45	172.28	-241.50	-6.26
1600.00	1548.16	28.98	172.98	-266.40	0.20
1700.00	1635.36	31.96	174.09	-336.60	5.49
1800.00	1719.21	34.05	176.08	-398.10	10.13
1900.00	1801.81	35.56	177.89	-450.10	13.11
2000.00	1882.75	35.35	177.36	-508.00	15.51
2100.00	1964.34	35.31	176.57	-565.60	18.56
2200.00	2047.26	32.59	176.16	-621.60	21.15
2300.00	2182.82	30.91	177.75	-674.10	23.02
2400.00	2219.41	27.95	180.22	-723.80	23.94
2500.00	2308.65	25.66	179.67	-766.40	23.96
2600.00	2399.12	24.74	180.70	-811.00	23.85
2700.00	2490.72	22.55	181.10	-851.10	23.22
2800.00	2583.70	20.62	179.87	-887.80	22.89
2900.00	2677.87	18.70	181.11	-921.50	22.62
3000.00	2773.40	15.64	180.49	-951.00	22.20
3100.00	2870.32	12.87	180.05	-975.60	21.49
3200.00	2968.08	11.36	188.24	-996.50	19.63
3300.00	3066.47	9.16	188.82	-1014.20	17.56
3400.00	3165.20	9.16	188.95	-1029.90	15.13
3500.00	3263.95	8.99	177.67	-1045.60	14.21
3600.00	3362.74	8.93	172.61	-1061.10	15.50
3700.00	3461.51	9.06	172.96	-1076.60	17.43

ROSA UNIT #90A

SURFACE LOCATION

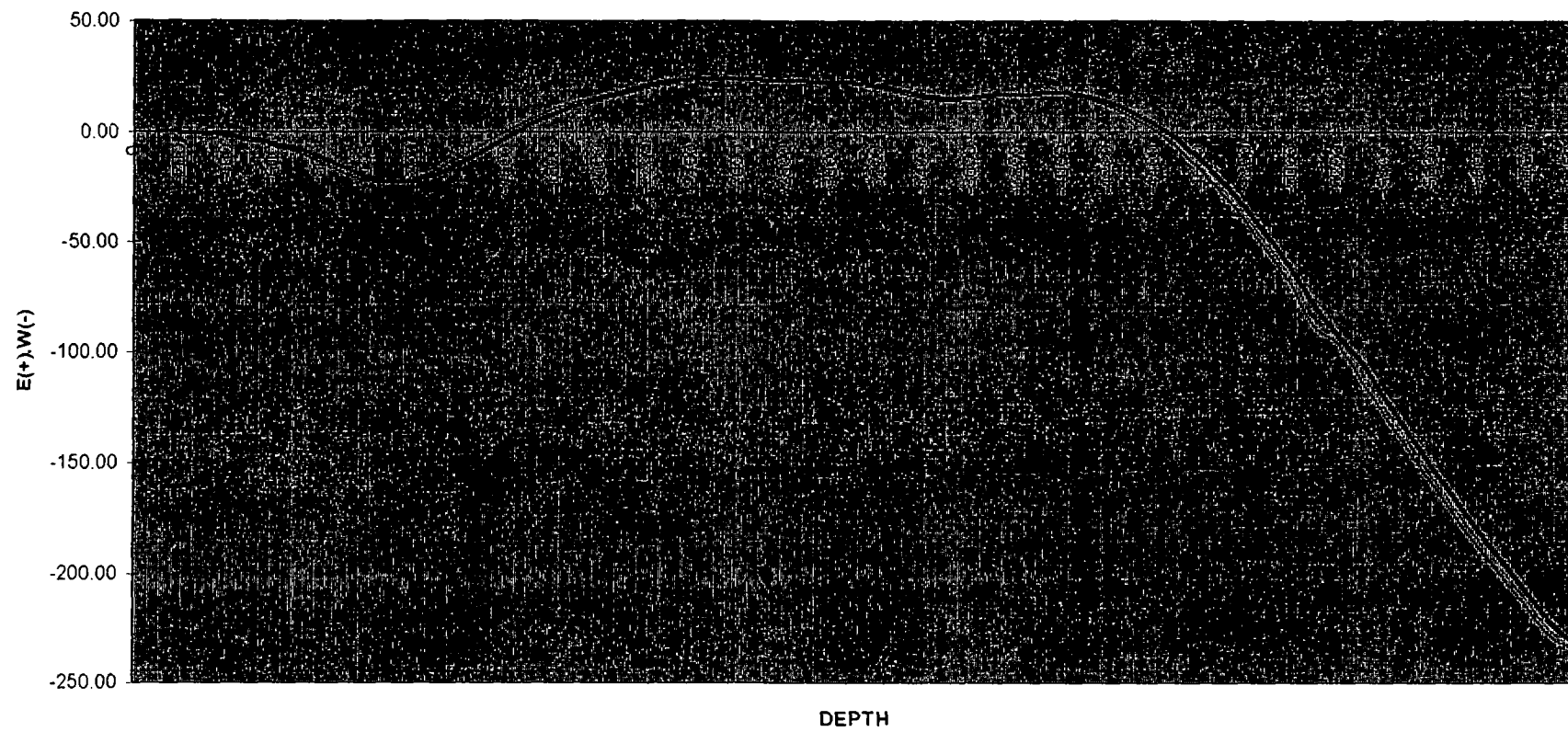
2025' FNL & 1875' FEL

TD LOCATION

2033' FSL & 2109' FEL

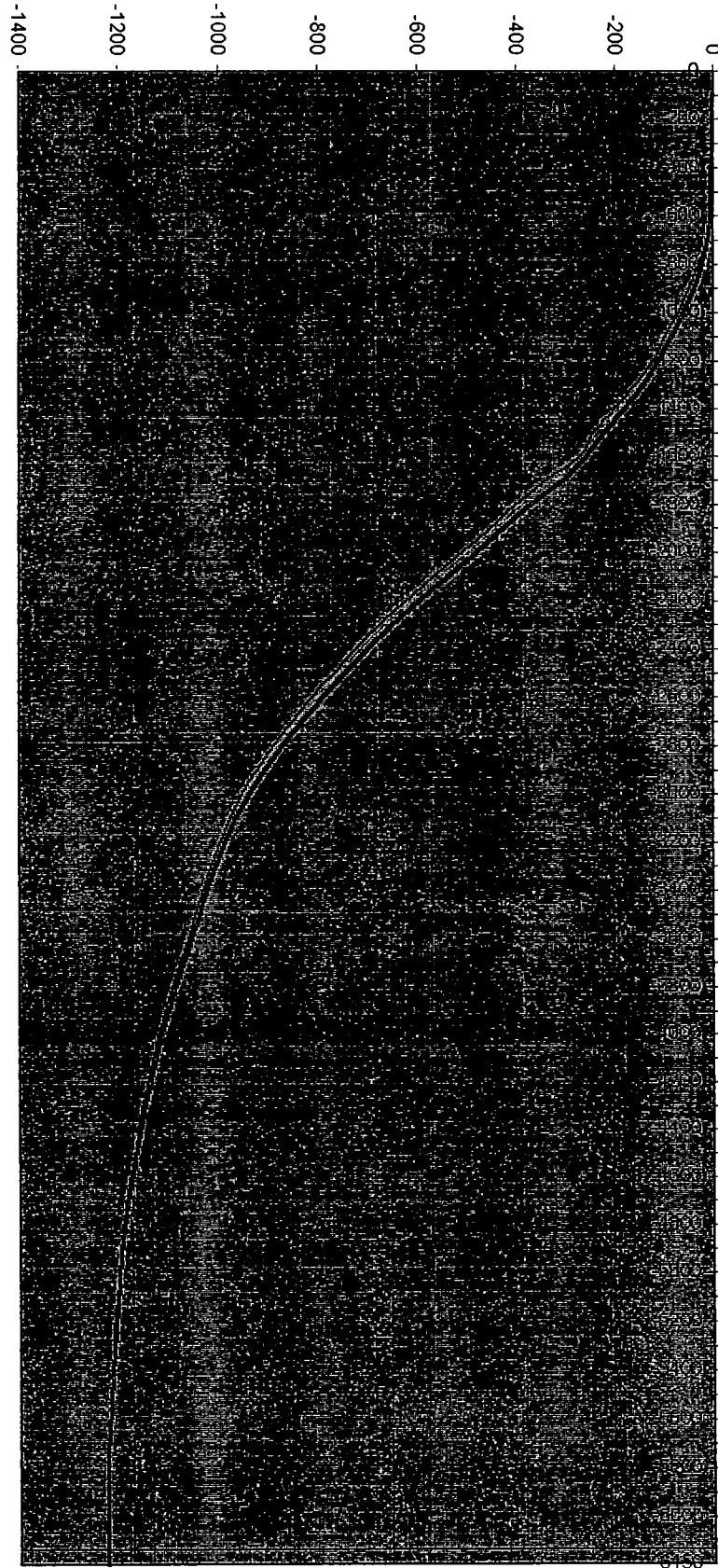
MD	TVD	INCLINATION	AZMITH	N(+),S(-)	E(+),W(-)
3800.00	3560.29	8.84	180.67	-1092.10	16.31
3900.00	3659.21	8.05	182.77	-1106.80	17.88
4000.00	3758.40	8.54	185.50	-1119.50	17.00
4100.00	3857.76	8.20	194.03	-1130.40	15.14
4200.00	3957.20	8.20	202.74	-1140.60	11.74
4300.00	4056.61	8.20	210.06	-1150.20	6.95
4400.00	4156.02	8.31	217.03	-1159.30	0.94
4500.00	4255.33	7.16	226.57	-1166.00	-6.90
4600.00	4354.49	7.78	234.64	-1176.20	-16.94
4700.00	4453.57	7.74	238.33	-1183.60	-28.20
4800.00	4552.57	8.46	246.05	-1190.20	-40.65
4900.00	4651.44	8.81	252.74	-1195.40	-54.69
5000.00	4750.27	8.76	255.02	-1199.70	-69.37
5100.00	4649.14	8.44	255.75	-1203.40	-88.86
5200.00	4946.05	8.51	256.58	-1207.00	-96.17
5300.00	5046.85	9.26	259.70	-1210.10	-113.30
5400.00	5145.55	9.16	259.35	-1213.00	-129.05
5500.00	5244.32	8.69	259.73	-1215.90	-144.45
5600.00	5343.15	8.61	259.94	-1218.60	-159.45
5700.00	5442.07	8.27	260.57	-1221.10	-173.92
5800.00	5541.05	8.11	265.14	-1222.80	-188.04
5900.00	5640.06	8.01	270.40	-1223.40	-202.03
6000.00	5739.10	7.90	271.56	-1223.10	-215.67
6100.00	5838.26	8.97	273.14	-1222.60	-228.80
6150.00	5887.92	8.30	274.26	-1222.30	-234.36

ROSA UNIT #90A



ROSA UNIT #90A

N(+),S(-)





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

August 2, 1995

**Williams Production Company
c/o Walsh Engineering & Production Corporation
7415 East Main
Farmington, New Mexico 87402**

Attention: Paul C. Thompson

Administrative Order DD-108(NSBHL)

Dear Mr. Thompson:

Under the provisions of Division General Rule 111 (c), (d) and (e), and Rule 2(c) of the "General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool", Walsh Engineering & Production Corporation, on behalf of the operator, Williams Production Company made application to the New Mexico Oil Conservation Division on June 27, 1995, for authorization to directional drill its proposed Rosa Unit Well No. 90-A to a pre-determined bottom-hole location in order to further develop the Blanco-Mesaverde Pool underlying an existing 320-acre standard gas spacing and proration unit ("GPU") comprising the E/2 of Section 33, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico.

The Division Director Finds That:

- (1) By Order No. R-8170, as amended, the Division promulgated the "General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool", which includes provisions for 320-acre gas spacing and proration units and well location requirements whereby the initial well drilled on a GPU shall be located be no closer than 790 feet to the outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary and the infill well drilled on an existing GPU shall be in the quarter section not containing a Mesaverde gas well and shall be located with respect to the restrictions as previously described;

- (2) The E/2 of said Section 33 is currently dedicated to the applicant's Rosa Unit Well No. 90 (API No. 30-045-25370), located at a standard gas well location 1800 feet from the North line and 1810 feet from the East line (Unit G) of said Section 33;
- (3) The applicant/operator proposes to locate its proposed infill well on the same drilling pad as the aforementioned Rosa Unit Well No. 90 and directionally drill in such a manner as to bottom in the Blanco-Mesaverde Pool at an unorthodox bottomhole (infill) gas well location in the NW/4 SE/4 of said Section 33;
- (4) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations and Rule 2(c) of the special Blanco-Mesaverde Pool rules;
- (5) Said spacing unit is within the applicant's Rosa Unit Area and therefore, has no offset operators other than themselves;
- (6) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 and said Rule 2(c) of the special Blanco-Mesaverde Pool rules have either been or will be met.

IT IS THEREFORE ORDERED THAT:

(1) Williams Production Company is hereby authorized to directionally drill its proposed Rosa Unit Well No. 90-A, the surface which shall be 2025 feet from the North line and 1875 feet from the East line (Unit G) of Section 33, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico, by kicking-off from vertical in a northerly direction and drilling in such a manner as to bottom in the Blanco-Mesaverde Pool at an unorthodox bottomhole (infill) gas well location within a 50-foot radius of a point 1862 feet from the South line and 1875 feet from the East line (Unit J) of said Section 33.

PROVIDED HOWEVER THAT prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED HOWEVER THAT during or upon completion of said directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Aztec district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Aztec offices of the Division upon completion.

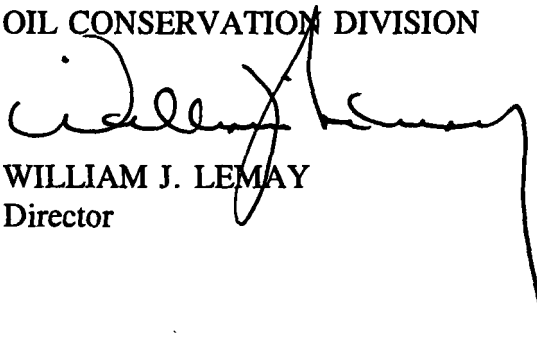
(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) Blanco-Mesaverde gas production from both the existing Rosa Unit Well No. 90 (API No. 30-045-25370), located at a standard gas well location 1800 feet from the North line and 1810 feet from the East line (Unit G) of said Section 33, and the proposed Rosa Unit Well No. 90-A, as described above, shall be attributed to the existing 320-acre standard gas spacing and proration unit comprising the E/2 of said Section 33.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
U. S. Bureau of Reclamation - Durango, Colorado

DD-108

Received 6/27
Suspense Date NA
Released 8-2-95

August 2, 1995

**Williams Production Company
c/o Walsh Engineering & Production Corporation
7415 East Main
Farmington, New Mexico 87402**

Attention: Paul C. Thompson

Administrative Order DD-108(NSBHL)

Dear Mr. Thompson:

Under the provisions of Division General Rule 111 (c), (d) and (e), and Rule 2(c) of the "*General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool*", Walsh Engineering & Production Corporation, on behalf of the operator, Williams Production Company made application to the New Mexico Oil Conservation Division on June 27, 1995, for authorization to directional drill its proposed Rosa Unit Well No. 90-A to a pre-determined bottom-hole location in order to further develop the Blanco-Mesaverde Pool underlying an existing 320-acre standard gas spacing and proration unit ("GPU") comprising the E/2 of Section 33, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico.

The Division Director Finds That:

- (1) By Order No. R-8170, as amended, the Division promulgated the "*General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool*", which includes provisions for 320-acre gas spacing and proration units and well location requirements whereby the initial well drilled on a GPU shall be located be no closer than 790 feet to the outer boundary of the quarter section on which the well is located and not closer than 130 feet to any quarter-quarter section line or subdivision inner boundary and the infill well drilled on an existing GPU shall be in the quarter section not containing a Mesaverde gas well and shall be located with respect to the restrictions as previously described;
- (2) The E/2 of said Section 33 is currently dedicated to the applicant's Rosa Unit Well No. 90 (API No. 30-045-25370), located at a standard gas well location

1800 feet from the North line and 1810 feet from the East line (Unit G) of said Section 33;

- (3) The applicant/operator proposes to locate its proposed infill well on the same drilling pad as the aforementioned Rosa Unit Well No. 90 and directionally drill in such a manner as to bottom in the Blanco-Mesaverde Pool at an unorthodox bottomhole (infill) gas well location in the NW/4 SE/4 of said Section 33;
- (4) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations and Rule 2(c) of the special Blanco-Mesaverde Pool rules;
- (5) Said spacing unit is within the applicant's Rosa Unit Area and therefore, has no offset operators other than themselves;
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IT IS THEREFORE ORDERED THAT:

(1) Williams Production Company is hereby authorized to directionally drill its proposed Rosa Unit Well No. 90-A, the surface which shall be 2025 feet from the North line and 1875 feet from the East line (Unit G) of Section 33, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico, by kicking-off from vertical in a northerly direction and drilling in such a manner as to bottom in the Blanco-Mesaverde Pool at an unorthodox bottomhole (infill) gas well location within a 50-foot radius of a point 1862 feet from the South line and 1875 feet from the East line (Unit J) of said Section 33.

PROVIDED HOWEVER THAT prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED HOWEVER THAT during or upon completion of said directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Aztec district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Aztec offices of the Division upon completion.

(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) Blanco-Mesaverde gas production from both the existing Rosa Unit Well No. 90 (API No. 30-045-25370), located at a standard gas well location 1800 feet from the North line and 1810 feet from the East line (Unit G) of said Section 33, and the proposed Rosa Unit Well No. 90-A, as described above, shall be attributed to the existing 320-acre standard gas spacing and proration unit comprising the E/2 of said Section 33.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
U. S. Bureau of Reclamation - Durango, Colorado

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OIL CONSERVATION DIVISION
RECEIVED

'95 JUN 27 AM 8 52



WALSH

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892

June 20, 1995

Mr. William J. LeMay
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Application for Intentionally Deviated Well
Williams Production Company
Rosa Unit #90A
Section 33, T32N R6W
San Juan County, New Mexico
Blanco Mesa Verde

Dear Mr. LeMay,

This is a request on behalf of Williams Production Company for administrative approval of an exception to Rule 111 for the above referred to intentionally deviated well.

The Rosa Unit #90A is being directionally drilled from a legal location in the northeast quarter of Section 33, to a legal bottomhole location in the southeast quarter of Section 33, to avoid numerous archaeological sites. We were unable to find any location in the southeast quarter that did not impact archaeological sites and was outside the limits of Navajo Lake.

I have attached for your review an acreage plat, outlining the dedicated acreage, and describing the proposed surface and bottomhole locations. I have also attached a copy of the topo map.

As operator of the Rosa Unit, Williams Production Company is the only offset operator in the Mesa Verde formation.

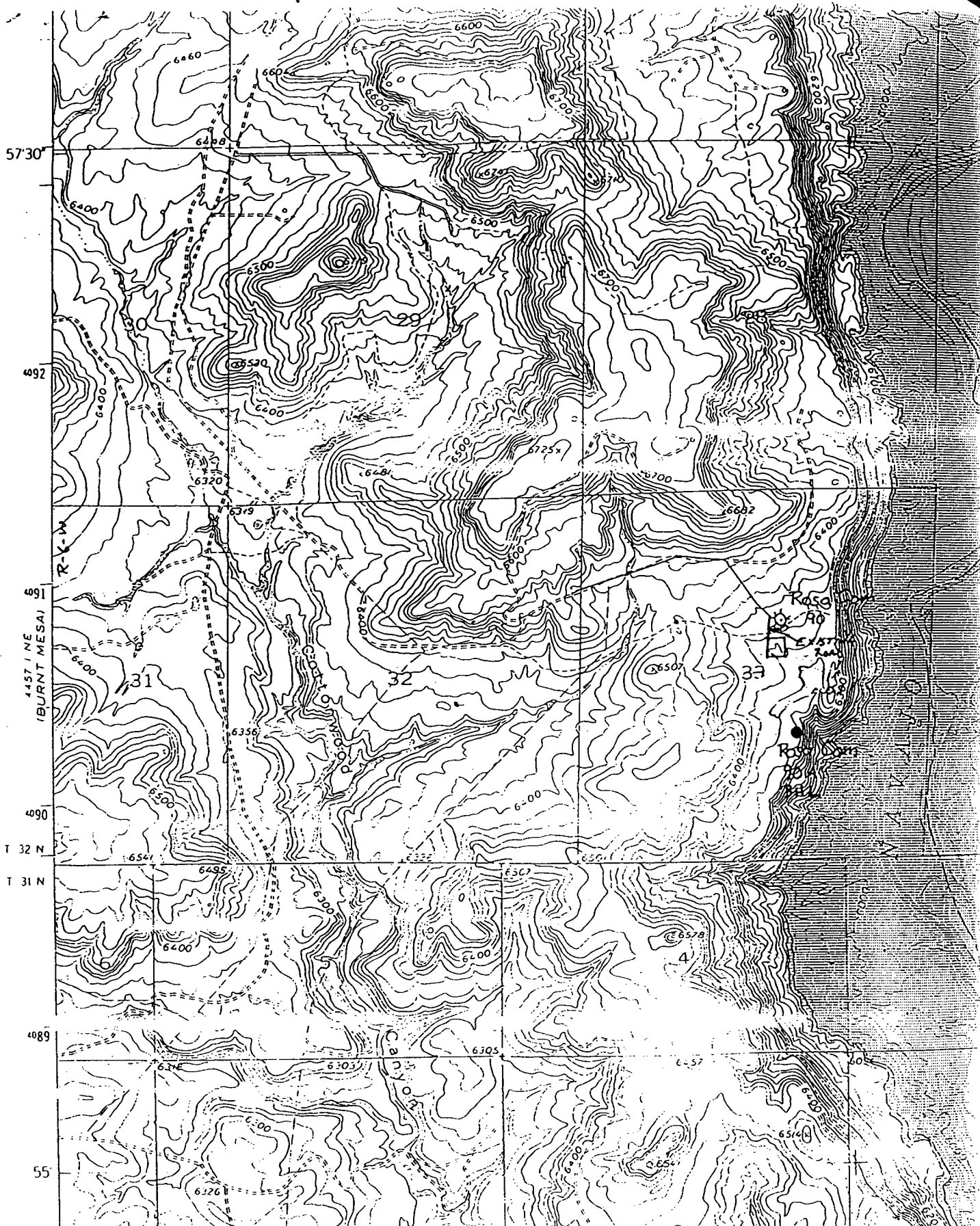
Thank you for your consideration and approval of this application. If you have any questions please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson

Paul C. Thompson, P.E.

cc: NMOCD, Aztec



PLAT #1
NORTHWEST PIPELINE CORPORATION
Rosa Unit #90A
2025'FNL & 1875'FEL
Section 33, T32N, R6W
San Juan County, New Mexico

District I
PO Box 1900, Hobbs, NM 88241-1900
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
BLM

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

070 FARMINGTON, NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code 72319	Pool Name BLANCO MESA VERDE
Property Code 008480	Property Name ROSA UNIT COM		Well Number #090A
OGRID No. 16189	Operator Name NORTHWEST PIPELINE CORPORATION		Elevation 6377'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	33	32N	6W		2025	North	1875	East	SJ

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
	33	32N	6W		1862'	South	1875	East	SJ

"Dedication": Acres	"Joint or Infill"	"Consolidation Code"	"Order No."
320		U	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>2620.20</p> <p>2652.54</p> <p>2628.78</p> <p>2763.42</p> <p>1875</p> <p>1875</p> <p>1862</p> <p>888</p> <p>504</p> <p>1862</p> <p>11</p> <p>11310</p> <p>11340</p> <p>11362</p> <p>11378</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Paul C. Thompson</i></p> <p>Signature</p> <p>Paul C. Thompson, Agent</p> <p>Printed Name President</p> <p>Walsh Engr. & Prod. Corp.</p> <p>Title</p> <p>5/3/95</p> <p>Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was placed from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>ORIGINAL ON FILE</p> <p>Certificate Number</p>

Mike Stogner

From: Ernie Busch
To: Mike Stogner
Subject: WILLIAMS PROD. CO. C/O WALSH ENG. & PROD. CORP. (DD)
Date: Tuesday, July 25, 1995 9:53AM
Priority: High

ROSA UNIT COM #90A
2025' FNL;1875' FEL
J-33-32N-06W
RECOMMEND: APPROVAL

CMD.:
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/28/95 16:15:56
OGOMES -EMED
PAGE NO: 1

Sec : 33 Twp : 32N Rng : 06W Section Type : NORMAL

D 40.00 Federal owned U A	C 40.00 Federal owned U	B 40.00 Federal owned U	A 40.00 Federal owned U
E 40.00 Federal owned U	F 40.00 Federal owned U	G 40.00 Federal owned U A A	H 40.00 Federal owned U

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD.:
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

07/28/95 16:16:03
OGOMES -EMED
PAGE NO: 2

Sec : 33 Twp : 32N Rng : 06W Section Type : NORMAL

L 40.00 Federal owned U A	K 40.00 Federal owned U	J 40.00 Federal owned U	I 40.00 Federal owned U
M 40.00 Federal owned U	N 40.00 Federal owned U	O 40.00 Federal owned U	P 40.00 Fee owned U

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD.:
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

07/28/95 16:16:28
OGOMES -EMED

API Well No : 30 45 25370 Eff Date : 03-01-1995 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (G)
OGRID Idn : 120782 WILLIAMS PRODUCTION COMPANY
Prop Idn : 17033 ROSA UNIT

Well No : 090
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : G	33	32N	06W	FTG	999 F S	FTG 999 F E	P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY

Prop Identifier : 17212 ROSA UNIT COM

API Well Identifier : 30 45 29259

Well No : 90A

Surface Locn - UL : G Sec : 33 Twp : 32N Range : 06W Lot Idn :

Multiple comp (S/M/C): N TVD Depth (Feet) : MVD Depth (Feet):

Spud Date : P/A Date :

Casing/Linear Record:

S Size

Grade Weight

Depth(ft)

Depth(ft)

Hole Size

Cement

TOC

(inches)

(lb/ft)

Top-Liner

Bot-Liner

(inches)

(Sacks)

(feet)

Code

E0004: No matching record found. Enter data to create.

PF01 HELP

PF02

PF03 EXIT

PF04 GoTo

PF05

PF06 CONFIRM

PF07

PF08

PF09 COMMENT

PF10 TLOG

PF11

PF12