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for plat

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STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

RECEIVED

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OIL CON. DIV.
DIST. 3

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 9843
Order No. R-9099

APPLICATION OF NORTHWEST PIPELINE
CORPORATION FOR AN UNORTHODOX COAL
GAS WELL LOCATION AND A NON-STANDARD
GAS PRORATION UNIT, SAN JUAN COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on
December 13, 1989, at Santa Fe, New Mexico, before
Examiner David R. Catanach.

NOW, on this 9th day of January, 1990, the
Division Director, having considered the testimony, the
record, and the recommendations of the Examiner, and being
fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required
by law, the Division has jurisdiction of this cause and
the subject matter thereof.

(2) The applicant, Northwest Pipeline Corporation,
seeks approval for a 325.68-acre, more or less, non-
standard gas spacing and proration unit in the Basin-
Fruitland Coal Gas Pool comprising Lots 8 and 9, and the
SE/4 SE/4 of Section 7, Lots 5, 6 and 7, the NE/4 NE/4,
and the S/2 NE/4 of Section 18, and all of Tract 55 being
in said Sections 7 and 18 as recorded on the Federal
Survey Plat approved November 13, 1917, all in Township
31 North, Range 7 West, NMPM, San Juan County, New Mexico,
said unit to be dedicated to the proposed San Juan 32-7
Unit Well No. 201 to be drilled at an unorthodox coal gas
well location 500 feet from the South line and 880 feet
from the East line (Unit P) of said Section 7.

21

CASE NO. 9843
Order No. R-9099
Page -2-

(3) The proposed non-standard gas proration unit is necessitated by a variation in the legal subdivision of the United States Public Lands Survey.

(4) The proposed unorthodox coal gas well location is necessitated by the shape and configuration of the proposed non-standard gas proration unit.

(5) The entire non-standard gas proration unit may reasonably be presumed productive of gas from the Basin-Fruitland Coal Gas Pool and the entire non-standard gas proration unit can be efficiently and economically drained and developed by the aforesaid well.

(6) The proposed non-standard gas proration unit has previously been established by Division Order No. R-1066, dated October 9, 1957, for use in developing gas reserves in the Blanco-Mesaverde Pool, and although the subject acreage has not been developed in the Mesaverde formation, the proposed alignment of the non-standard unit should prove to be effective in promoting orderly development in this area.

(7) The applicant presented, as evidence in this case, written waivers of objection to the proposed non-standard gas proration unit and unorthodox well location from all offset operators.

(8) Approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the Basin-Fruitland Coal Gas Pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) A 325.68-acre, more or less, non-standard gas spacing and proration unit in the Basin-Fruitland Coal Gas Pool comprising Lots 8 and 9, and the SE/4 SE/4 of Section 7, Lots 5, 6 and 7, the NE/4 NE/4, and the S/2 NE/4 of Section 18, and all of Tract 55 being in said Sections 7 and 18 as recorded on the Federal Survey Plat approved

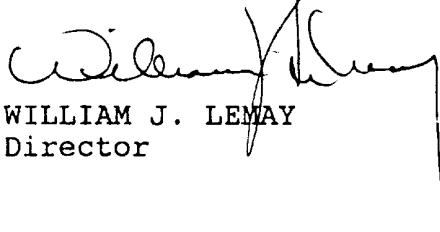
CASE NO. 9843
Order No. R-9099
Page -3-

November 13, 1917, all in Township 31 North, Range 7 West, NMPM, San Juan County, New Mexico, is hereby established and dedicated to Northwest Pipeline Corporation's San Juan 32-7 Unit Well No. 201 to be drilled at an unorthodox coal gas well location 500 feet from the South line and 880 feet from the East line (Unit P) of said Section 7.

(2) 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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1034-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

SF-078996

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

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

3539 East 30th Street - Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

SE/SE 500' FSL & 880' FEL

7. UNIT AGREEMENT NAME

San Juan 32-7 Unit

8. FARM OR LEASE NAME

San Juan 32-7 Unit

9. WELL NO.

#201

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 7P, T31N, R7W

14. PERMIT NO.

API #30-045-27553

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6481' GR

12. COUNTY OR PARISH

San Juan

13. STATE

NM

16.

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

TEST WATER SHUT-OFF

FRACTURE TREATMENT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR RIG Casing

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

SUBSEQUENT REPORT OF:

Drilling Operations

(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.) *

1-7-90: MOL & spotted equipment.

1-8-90: RU. Rig repairs.

1-9-90: Finished RU & rig repairs. Drilled RH & MH. Spudded well at 2015 hrs 1/9/90.

1-10-90: Drilled surface hole w/ spud mud. TD'd surface hole w/ spud mud. Circulated & TOH w/ DCs. Ran 12 jts (517') 9-5/8", 32.3#, H-40, ST&C, USS smls csg. Set at 533' KB. Cemented w/ 273 sx (325 cu.ft.) C1 "G" w/ 3% CaCl₂ & 1/4# cele-flake/sk. Displaced plug w/ 39.7 bbls water. Good circulation throughout job. Circulated 10 bbls good cement to surface. Plug down at 1830 hrs 1/10/90. WOC.

1-12 & 1-13: Drilling ahead.

1-14-90: Drilling. Hole TD'd at 0500 hrs. Circulated & conditioned hole at TD & prepared to TOH to run pipe. RU casers & change-out rams. Ran 75 jts (3195') 7", 23#, K-55, LT&C, CF&I smls csg. Set at 3209' KB. FC at 3169' KB. Circulated on bottom. Cemented w/ 350 sx (725 cu.ft.) C1 "G" 65/35 poz w/ 12% gel & 1/4# cele-flake/sk. Tailed w/ 100 sx (118 cu.ft.) C1 "G" w/ 1/4# cele-flake/sk. Displaced plug w/ 125 bbl wtr. Good circulation throughout job. Circulated 20 bbls good cmt to pit.

(continued on back)

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

SIGNED

Carrie Harmon

TITLE

Production Assistant

DATE

3-18-90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

1-14-50 (continued)

Plug down at 2000 hrs. ND BOP.

1-15-50: Rig released at 0100 hrs.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1004-01.15
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO

SF-078996

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 32-7 Unit

8. FARM OR LEASE NAME

San Juan 32-7 Unit

9. WELL NO.

#201

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 7P, T31N, R7W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1.

OIL ☐ GAS ☐ OTHER ☒

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

3539 East 30th Street - Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

SE/SE 500' FSL & 880' FEL

14. PERMIT NO.

API #30-045-27553

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6481' GR

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(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.) *

2-7-90: MOL & RU. NU BOPs. Test csg and BOPs to 2000#. Tally and PU drill pipe.

2-8-90: Finished PU drill pipe & TIH w/ 6-1/4" bit. Tagged cmt at 3148' (shoe at 3207'). Tested csg to 2000# - ok. Drilled out shoe & new formation w/ water.

2-9-90: Drilling at 3370'. TOH. Ran GR/FDC/CNL/NGT/DIL logs. TIH w/ cement retainer on 3-1/2" DP and set it at 3201' KB. Cemented w/ 50 sx (59 cu.ft.) C1 "B" neat. Displaced by 23.8 bbls water. Pulled out of retainer. Reversed out 1/2 bbl cmt. TOH LDDP. ND BOPs & NU wellhead. Rig down.

2-10-90: Finished RD. Rig released at 1200 hrs.

RECEIVED
MAR 9 1990
OIL CON. DIV.
DIST. 2

Accepted for Record

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

SIGNED

Carrie Harmon

TITLE Production Assistant

DATE

MAR 9 1990

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

APPROVED BY

*See Instructions on Reverse Side

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Phillips Petroleum Company 17654	Well APN No. 30-045-27553
Address 300 W. Arrington, Suite 200, Farmington, NM 87401	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☐	Change in Transporter of: ☐ Dry Gas ☐
Recompletion ☐	Oil ☐ Casinghead Gas ☐ Condensate ☐
Change in Operator ☒	Other (Please explain) <i>Oper. Change Only</i>
If change of operator give name and address of previous operator Northwest Pipeline Corp., 3539 E. 30th. St., Farmington, NM 87401	

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 32-7 Unit 4260	Well No. 201	Pool Name, Including Formation Basin Fruitland Coal	Kind of Lease State, Federal or Foreign	Lease No. SF-0788998
Location Unit Letter P : 500 Feet From The South Line and 880 Feet From The East Line Section 7 Township 31N Range 7W, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
Northwest Pipeline Corporation	P.O. Box 58000, Santa Fe, NM 87508
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When? Attn: Beth Rodgers

If this production is commingled with that from any other lease or pool, give commingling order number.

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

L.M. Sanders
Signature
L.M. Sanders Supv. Regulatory Affairs
Printed Name
June 4, 1990 (505) 599-3431
Date Telephone No.

OIL CONSERVATION DIVISION

JUN 13 1990

Date Approved

By

Burt D. Shum

SUPERVISOR DISTRICT #3

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL SITE GEOLOGY MUD LOGGING

2460 INDUSTRIAL BLVD

PHONE (303) 241-3044

GRAND JUNCTION, COLORADO 81505

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MAR 07 1990

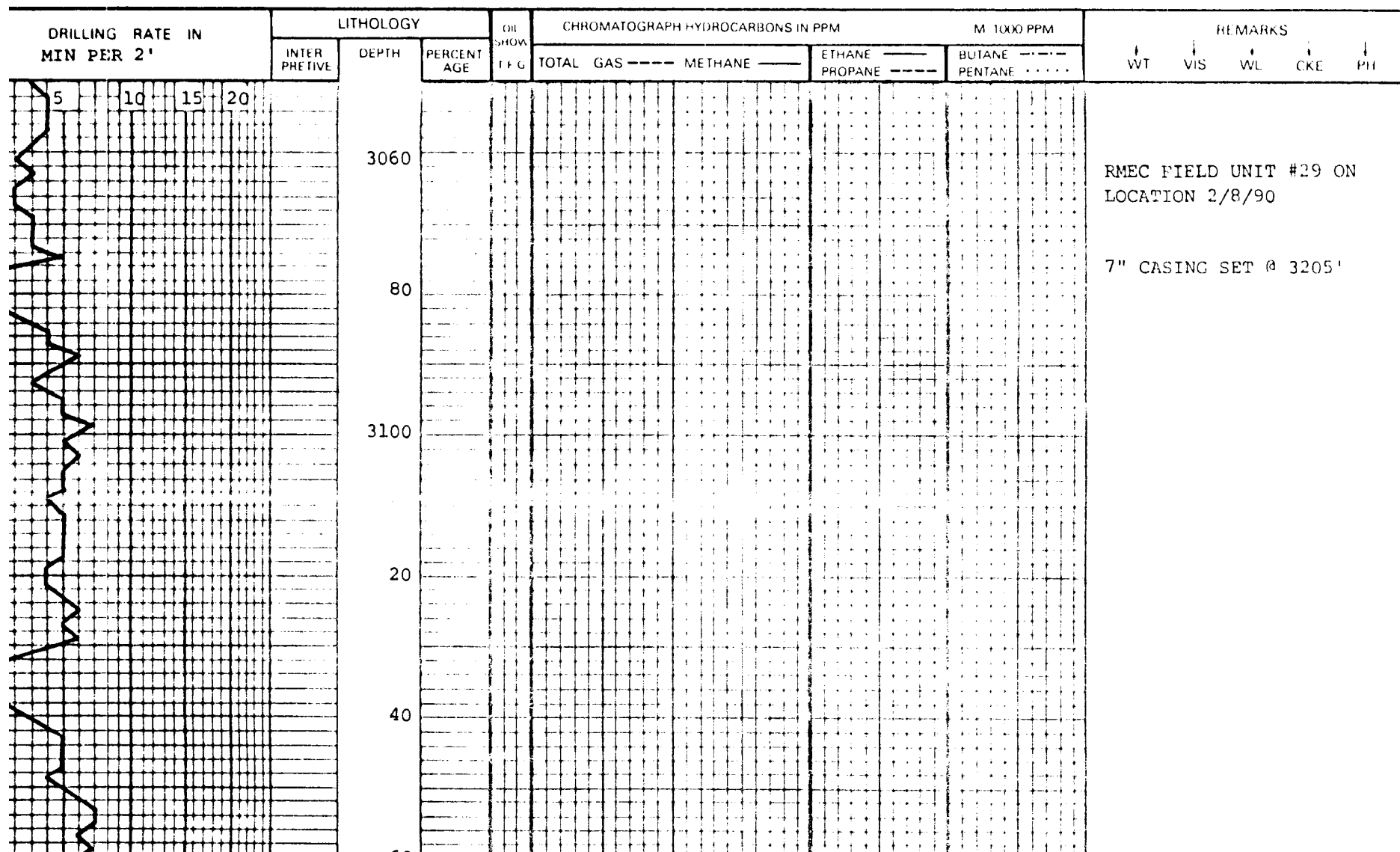
OIL CON. DIV
DIST. 3

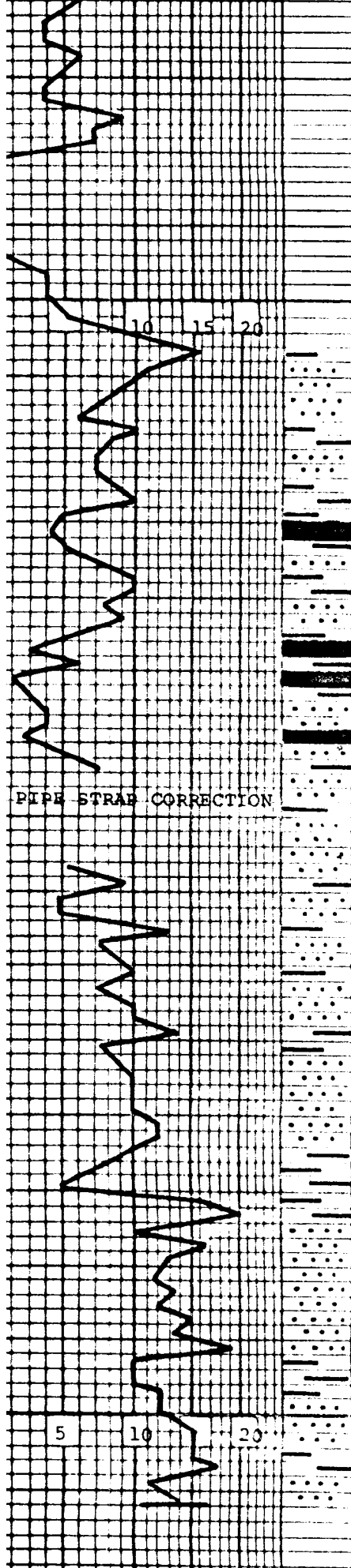
COMPANY NORTHWEST PIPELINE CORP. LOCATION 500' FSL & 880' FEL
WELL SAN JUAN 32-7 #201 COUNTY RIO ARriba
FIELD BASIN FRUITLAND STATE NEW MEXICO
ELEVATION 6648' GR 6660' DF DRILLING FLUID WATER

DEPTH LOGGED FROM 3205 TO 3362
DATE LOGGED 2/8/90 2/9/90
ENGINEERS JACK PALUGA

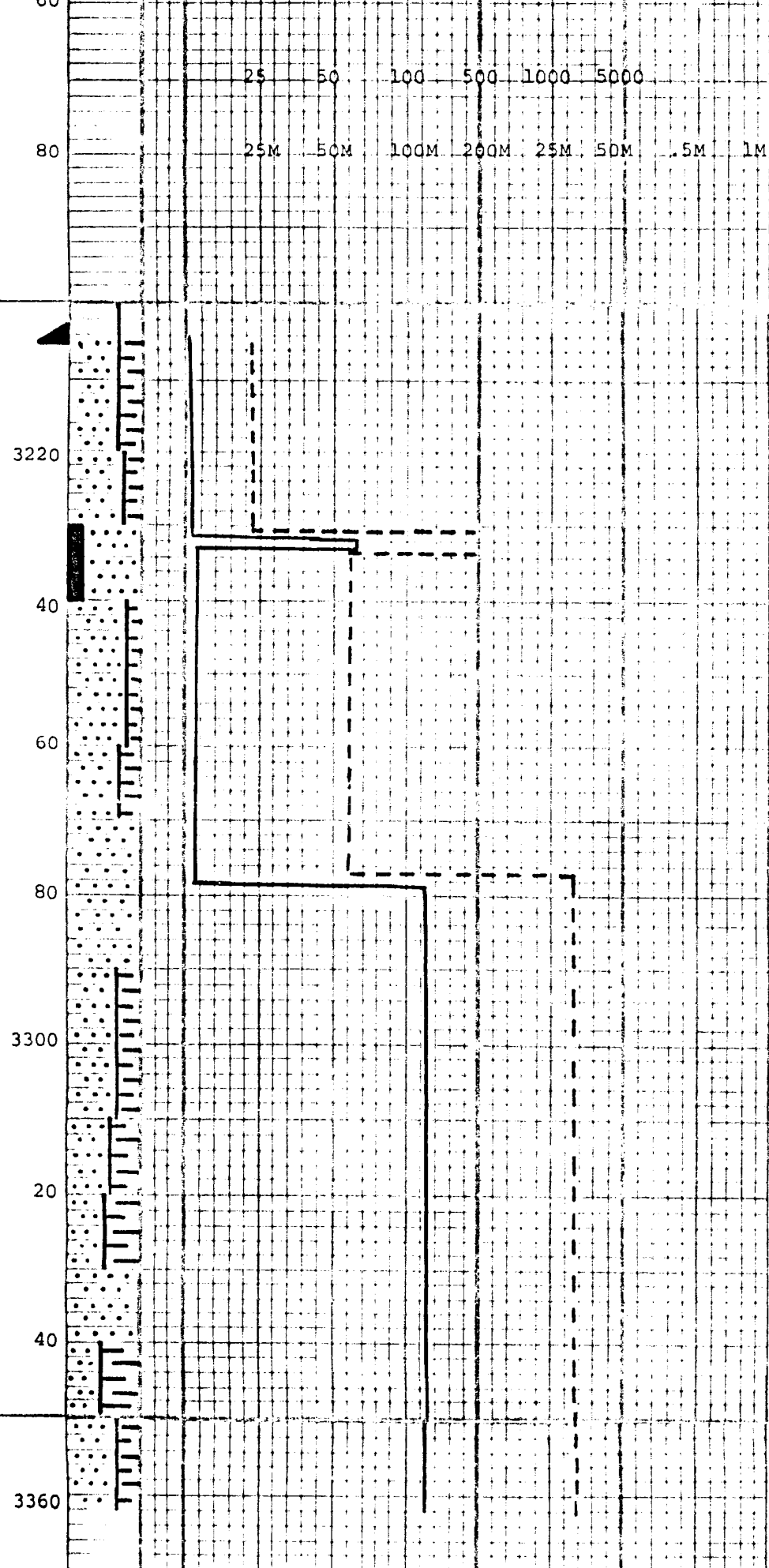
	SHALE		DOLOMITE		COAL	
	SANDSTONE		CHERT		ANHY-GYP	
	LIMESTONE		SALT		SILTSTONE	

DTG - DOWN TIME GAS TG - TRIP GAS
DST - DRILL STEM TEST CG - CONNECTION GAS
SLM - STEEL LINE MEAS NB - NEW BIT
LAT - LOGGED AFTER TRIP NR - NO RETURNS
WOB - WEIGHT ON BIT CO - CIRCULATE OUT
RPM - REVOLUTIONS MIN NS - NO SAMPLE
SPM - STROKES MIN RR - RERUN
PP - PUMP PRESSURE CB - CORE BIT
O - DEVIATION O - SHOW REPORT





PIPE STRAP CORRECTION



SS wh-ltgy frst m srted f grn
m cmt slty sbrnd

SS gy-dkgy f grn slty m-p srt
m cmt sbrnd

SS ltgy-ltbrn f grn m srted
w-m cmt slty-shy sbrnd

COAL blk dul plty

SH dkgy-blk carb plty slty h

SS gy-brn slty-shy carb f gr
p srted m cmt sbrnd

SH dkgy-blk slty-sny frm car
plty

SS dkgy-dkbrn slty carb f gr
p srted m-pcmt sbrnd

SS gy-brn slty-shy f grn m
srted m cmt sbrnd

SS ltgy-wh-clr frst m grn m
cmt m srted rnd-sbrnd slty

SS ltgy-wh frst m srted m-w
cmt m grn slty rnd-sbrnd

SS gy-ltgy frst m-p srted f g
slty m-p cmt sbrnd

SH dkgy-blk carb sny-slty pl
frm-hd

SS dkgy-dkbrn sli carb slty
f-m grn m-p srted m-w cmt
sbrnd

SH dkgy-blk slty carb plty
hd slty-sny

SS brn-dkbrn slty sli carb
f grn m srted m-w cmt
sbrnd

SH brn slty carb plty frm

TD 3362'

COAL BEDS
3230-32

NET COAL
2'

UNIT RELEASED 2/9/90