

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, NM 87401

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

At surface

1000' FNL x 1740' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

11 miles southwest of Bloomfield, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1000'

16. NO. OF ACRES IN LEASE

1120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

4400' NE

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

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

5983' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

As soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24#, J-55	300'	354 cu. ft. Class B
7-7/8"	4-1/2"	10.5#, K-55	6000'	1947 cu. ft. Class B

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to El Paso Natural Gas under contract No. 56,742.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Original Signed By
B. D. Shaw

SIGNED

TITLE Adm. Supervisor

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

SEP 20 1984

DATE

/s/ J. Stan McKee

AREA MANAGER
FARMINGTON RESOURCE AREA

NMCCC

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

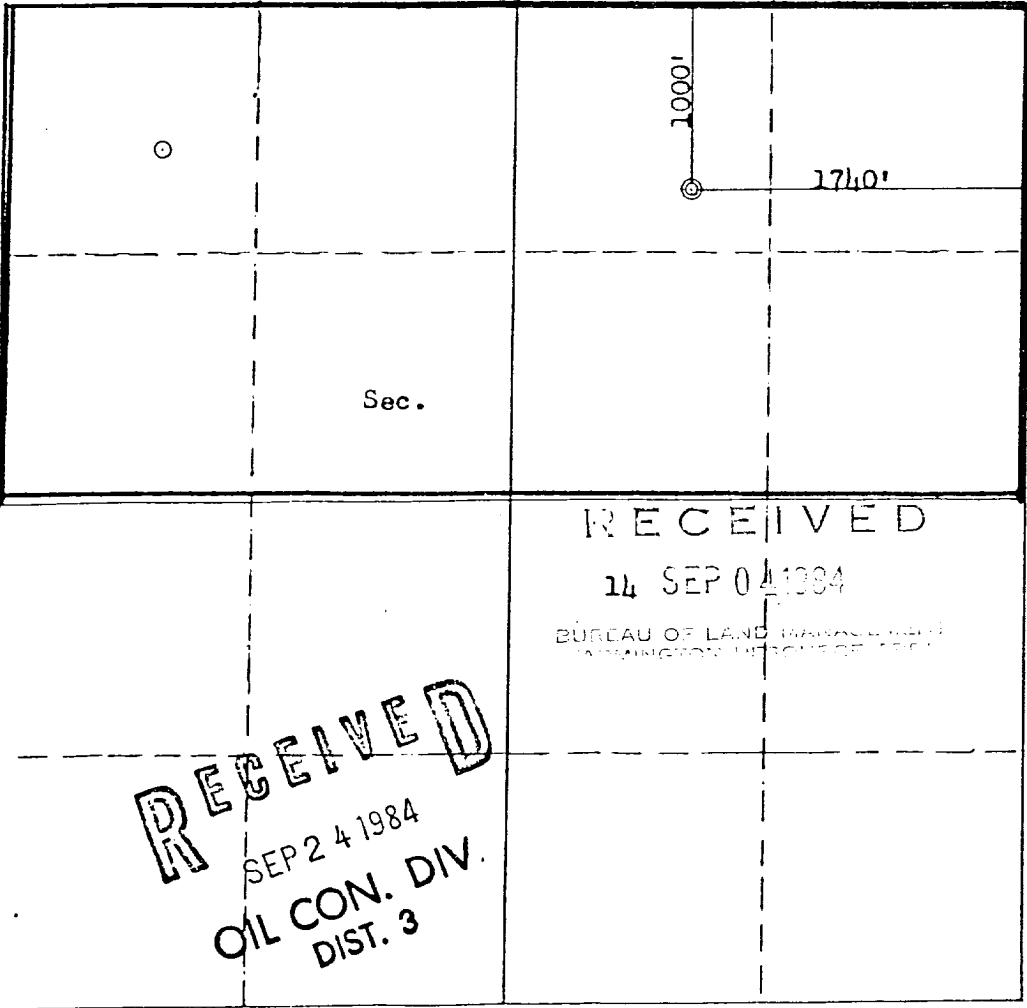
All distances must be from the outer boundaries of the Section.

Operator AMOCO PRODUCTION COMPANY			Lease McGRADY GAS COM "C"		Well No. 1E
Unit Letter B	Section 14	Township 27N	Range 12W	County San Juan	
Actual Footage Location of Well: 1000 feet from the North line and 1740 feet from the East line					
Ground Level Elev. 5983	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
- ☒ Yes ☐ No If answer is "yes," type of consolidation Communitized

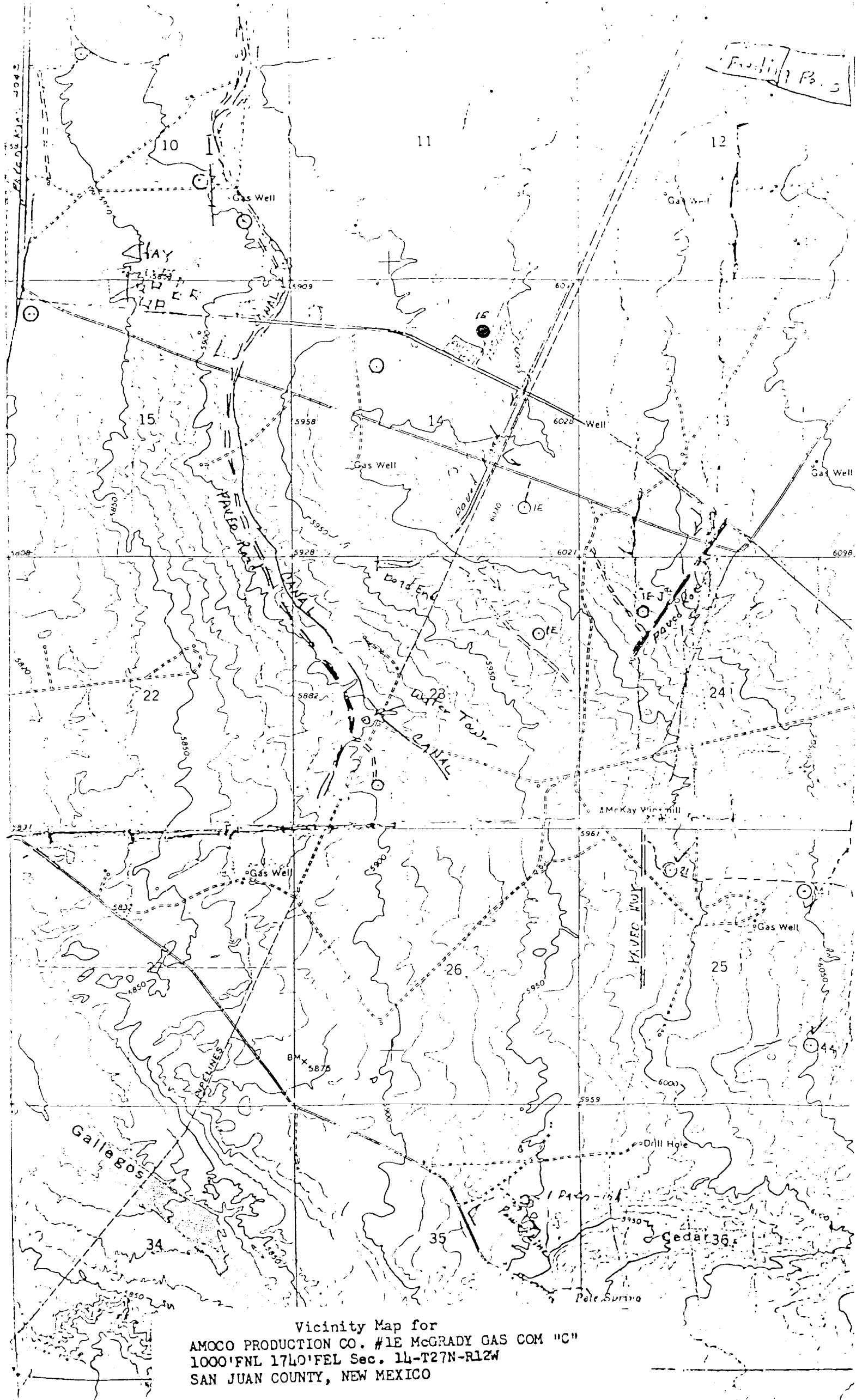
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Original Signed By B. D. Shaw	
Name	B. D. Shaw
Position	Adm. Supervisor
Company	Amoco Production Co.
Date	08/31/84
I hereby certify that the well location shown on this plat was plotted 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 knowledge and belief.	
Date Surveyed	August 15, 1984
Registered Professional Engineer and Land Surveyor	Fred. B. Kerr Jr.
Certificate No.	3950



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Amoco Production Company		8. FARM OR LEASE NAME McGrady Gas Com "C"
3. ADDRESS OF OPERATOR 501 Airport Drive Farmington, NM 87401		9. WELL NO. 1E
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1000' FNL X 1740' FEL		10. FIELD AND POOL, OR WILDCAT Basin Dakota
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/NE Sec. 14, T27N, R12W
15. ELEVATIONS (Show whether on, at, or below ground surface) 5983' GR		12. COUNTY OR PARISH San Juan
		13. STATE NM

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NATIONAL RESOURCE AREA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Notice of Gathering System <input checked="" type="checkbox"/>		(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.)

Amoco Production Company is making notification of our Gallegos Canyon Unit gathering system pipeline. The pipe will be 4-1/2" outside diameter and .156 wall. The pipe will be butt welded and then buried 3', with 4' deep in the fields. Please see attached pipeline drawing and vicinity map.

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JAN 10 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Original [Signature] TITLE Admin. Supervisor DATE APPROVED

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE ADMIN DATE JAN 07 1985

CONDITIONS OF APPROVAL, IF ANY:

VS/ J. Stan McKee
M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC

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BLANCO-CHACO GATHERING SYSTEM

1000' N 1740' E

22

Line AMCOO PRODUCTION CO. - McGRADY GAS COM. C. NO. 1E

Dwg. No. 22

WO No.

PW No. 54697

Date 10-3-54

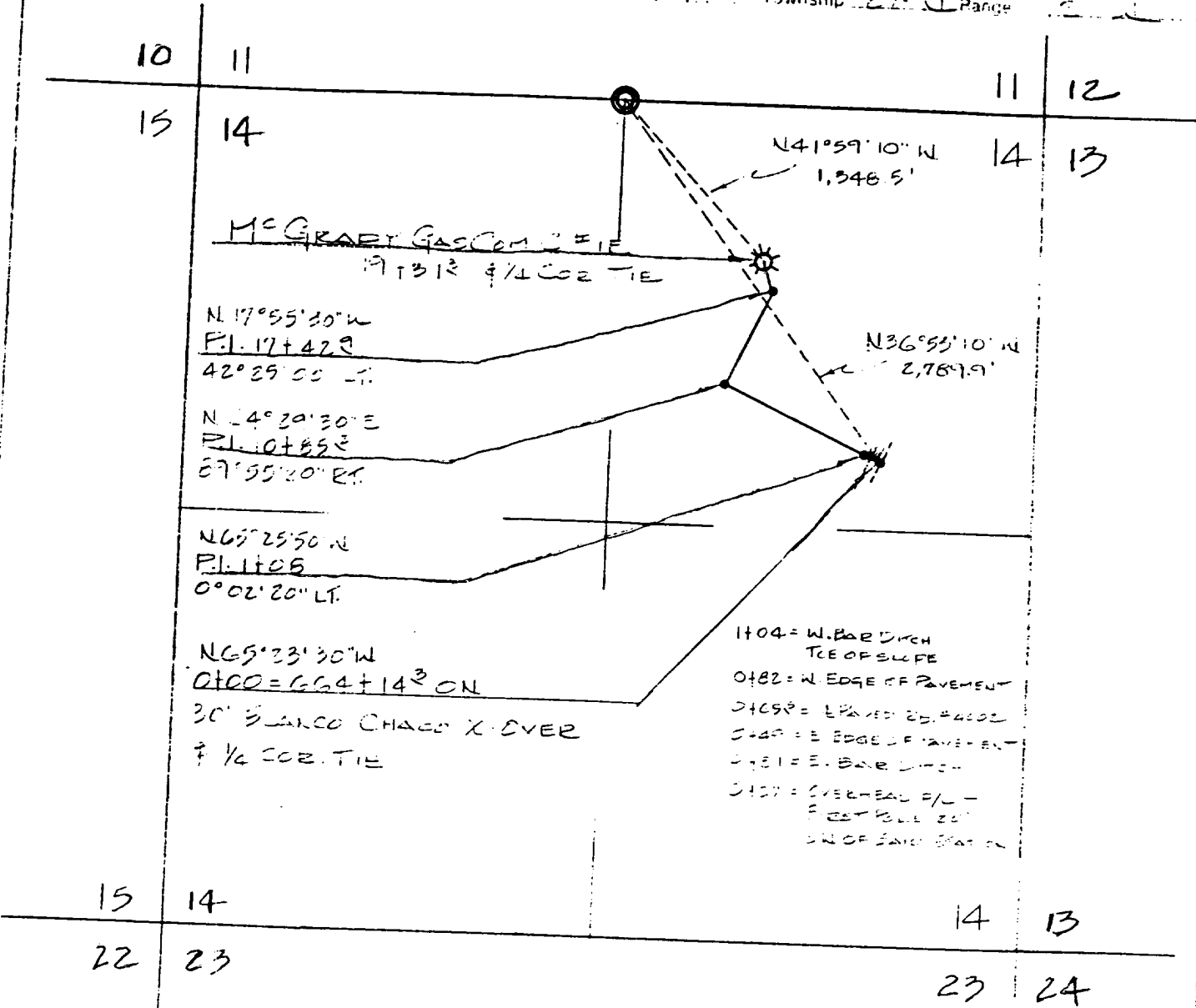
Scale 1" = 40'

Surveyed 2-2-54

From 2400 = 664 + 14³ ON E.P.N.G. -

30' BLANCO-CHACO X-OVER (3215.03)

County, SAN JUAN State NEW MEXICO Section 4 Township 22 N Range 2 E



Des. By: Constr. Commenced: Appl. Dwg. Date: 10-3-54
Ckd. By: Constr. Completed: Date: 10-3-54

PRINT RECORD PIPE DATA METER STA. NO.

FLAG OUT RD. # 2/N

Navajo Indian Irrigation Project

Date 11/14/84

Lease No. NM C48568

Date ^{Sentry} ~~APP~~ Received 11/6/84

Sec. 14 T. 27 N., R. 12 W.

Footage 1000 F(S) (N)L & 1740 F(E) (N)L

Test Depth _____

San Juan County, New Mexico

Transmittal of Surface Use Plan

Operator Amoco Prod. Co.

Well No. & Name 1E McGray Gas Co. C

^{FLP}
We do not plan to schedule a joint BIA (NIIP) - ~~ES~~ - Operator predrilling inspection on this proposed action. But, if you wish that one be made, please so indicate, and we will then schedule a formal joint inspection. ~~Otherwise, NIIP will perform the predrill inspection.~~

If the proposed action meets with your approval, please acknowledge in the space below and return the carbon copy to this office, and we will approve the application.

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BUREAU of LAND
MANAGEMENT

Marcia Petta

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

.....
Surface Owner ☒ Tribal ☐ Allotted

I concur with the approval of the Application for Permit to Drill and/or the Surface Development and Operation Plan provided the following conditions are included in the approval.

Date 11-16-84

Leo R. Deubert
BIA (NIIP) Representative

See attached Seeding stipulations
Will require BIA Roads' consent
to cross paved road (4002)

NIIP

Navajo Indian Irrigation Project

Addendum to Special Stipulations (15.) of General Requirements
for Oil and Gas Operations on Federal or Indian Leases.

1 All above-ground permanent structures and equipment will be
painted a non-glare color, sand, Federal Standard 5952-3027

1000 E. of Special Stipulations (15.) applies

Species to be planted:

1000

Indian Ricegrass	1 lb./acre
Sand Dropseed	1 lb./acre
Galletta	2 lb./acre

1

Alkali Sacaton	1 lb./acre
Sand Dropseed	1 lb./acre
Galletta	2 lb./acre