

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

Coal Seam

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Amoco Production Company

ATTN: J. L. Hampton

3. ADDRESS OF OPERATOR

P. O. Box 800 Denver, Colorado 80201

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

At surface

1420' FNL, 1640' FEL, SW/NE

At proposed prod. zone

Same

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 1420'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

1,840.00

19. PROPOSED DEPTH

3629' TD

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 acres 3/2

20. ROTARY OR CABLE TOOLS

Rotary

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

6736' GR

22. APPROX. DATE WORK WILL START*

As soon as permitted

23.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT QUANTITY OF CEMENT WITH ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	250'	250 cf (cement to surface)
7 7/8"	5 1/2"	17#	3629 (TD)	1016 cf (cement to surface)

Notice of Staking was submitted: 5/1/90

Lease Description:

T29N-R8W:

Sec. 11: All

Sec. 13: W/2, S/2NE/4, SE/4

Sec. 14: E/2

Sec. 24: E/2

RECEIVED

JUN 19 1990

OIL CON. DIV.
DIST. 3

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. J.L. Hampton
SIGNED J.L. Hampton/UB TITLE Sr. Staff Admin. Supv. DATE 5/7/90
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

JUN 12 1990

Ken Townsend
FOR AREA MANAGER

*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.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease VANDEWART /A/		Well No. # 14
Unit Letter G	Section 14	Township 29 NORTH	Range 8 WEST	County SAN JUAN	
Actual Footage Location of Well: 1420 feet from the NORTH line and 1640 feet from the EAST line					
Ground level Elev. 6736	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal Gas		Dedicated Acreage E/2 320 Acres

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

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

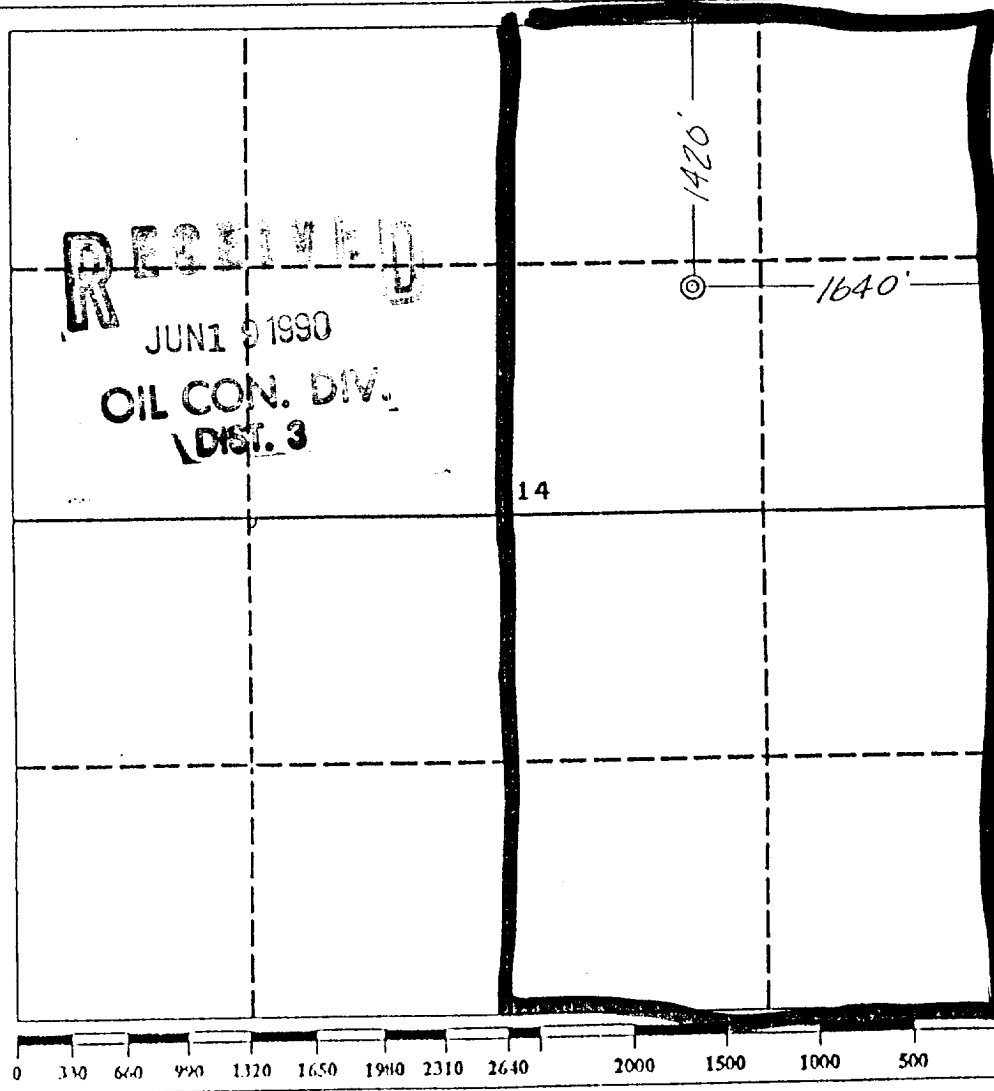
Signature *JL Hampton*
Printed Name JL Hampton
Position Sr Staff Admin Supr
Company Amoco Prod
Date 4-29-90

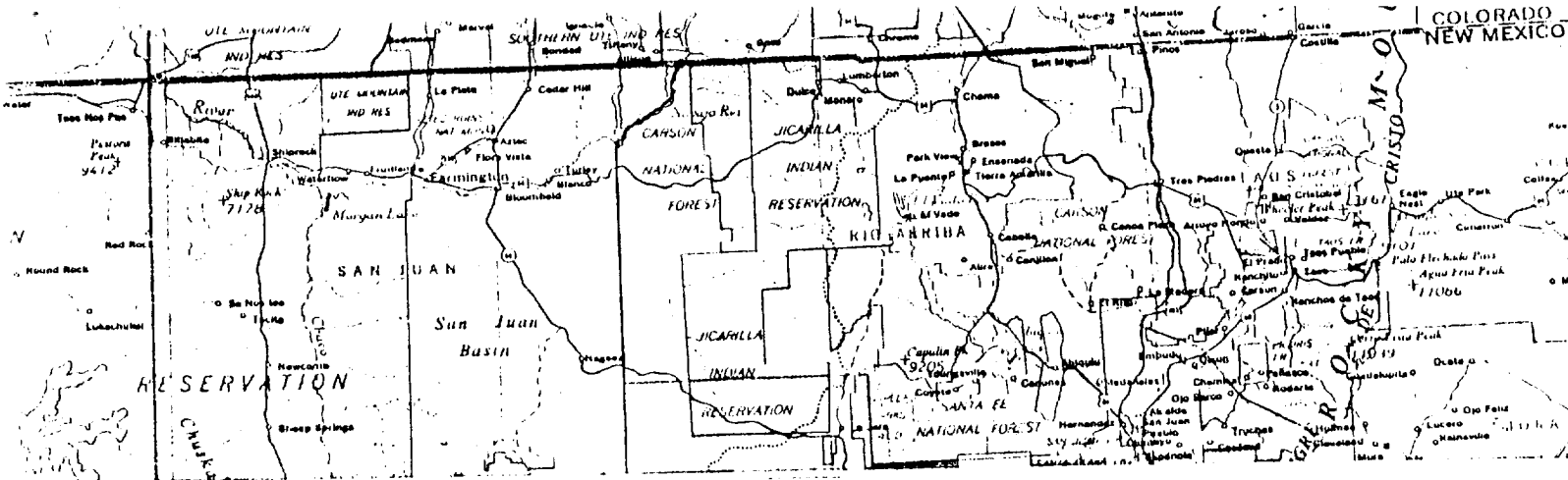
SURVEYOR CERTIFICATION

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.

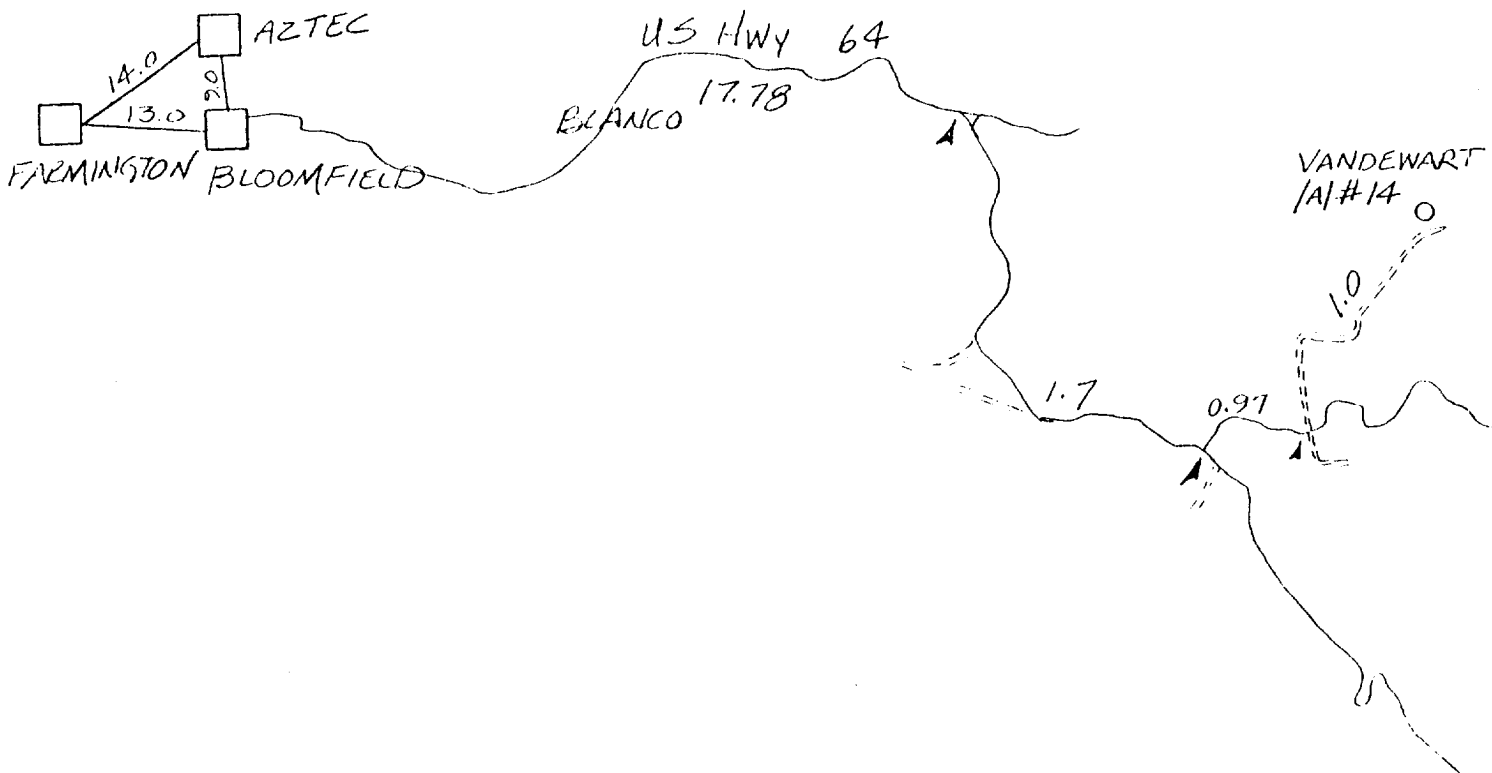
Date Surveyed April 23, 1990

Signature & Seal of Professional Surveyor
GARY D. VANN
7016
7016





VANDEWART /A/ # 14
 1420' F/NL 1640' F/EL
 SEC. 14, T29N, R8W, NMPM
 RAIL POINT: 172 miles - Montrose, Co
 MUD POINT: 30 miles - Aztec, NM
 CEMENT POINT: 34 miles - Farmington, NM



6-14-29-8

NEW MEXICO SUNDRY NOTICE

VANDERWART A-14

SPUD @ 1000 HRS; 11-10-90

RIG RELEASED @ 0700 HRS; 11-21-90

274 SX (315 FT³) CLASS G + 3% CaCl₂
+ 1/4 LB/SK CELLO FLAKE

CEMENT TO SURFACE: YES ☒ NO ☐
ESTIMATED TOC: SURFACE

PRESSURE TEST: 1000 PSI FOR 10 MIN.

W/ 0 PSI BLEED-OFF

6 JTS. 8-5/8, 24 PPF, K-55, ST&C @ 260 FT.

TOTCO SURVEYS:

DEPTH	ANGLE
<u>201'</u>	<u>1°</u>
<u>533'</u>	<u>1 1/4°</u>
<u>1478'</u>	<u>1 1/4°</u>
<u>2040'</u>	<u>1°</u>
<u>2564'</u>	<u>1°</u>
<u>3527'</u>	<u>1 1/2°</u>

2nd. STAGE

LEAD w/ 620 SX (1432 FT³) CLASS 'G' /LITE POZ (65/35)
+ 10% GEL + 10% SALT + 6-1/4 LB/SK GILSONITE
+ 1/4 LS/SK CELLO FLAKE + 1/4 LB/SK ANTIFOAM

TAIL W/ 100 SX (115 FT³) CLASS 'G' + 1/4 LB/SK CELLO FLAKE

CEMENT TO SURFACE: YES ☒ NO ☐
ESTIMATED TOC: SURFACE

DV TOOL @ 2660 FT.

1st. STAGE

LEAD w/ 100 SX (231 FT³) CLASS 'G' /LITE POZ (65/35)
+ 10% GEL + 10% SALT + 6-1/4 LB/SK GILSONITE
+ 1/4 LS/SK CELLO FLAKE + 1/4 LB/SK ANTIFOAM

TAIL W/ 75 SX (86 FT³) CLASS 'G' + 1/4 LB/SK CELLO FLAKE

CEMENT TO SURFACE: YES ☒ NO ☐
ESTIMATED TOC: 2660'

PRESSURE TEST: 2650 PSI FOR 30 MIN.

W/ No PSI BLEED-OFF

FLOAT COLLAR @ 3484 FT.

SHOE @ 3527 FT.

85 JTS. 5-1/5", 15.5 PPF, K-55, LT&C

DATE: 12-11-90

CC: P. BOWSER
B. BALE
E. BIELAMOWICZ
D. GRIFFIN