

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-23773

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, New Mexico 87401

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

At surface

1025' FSL and 1610' FEL, Section 7, T28N, R10W

At proposed prod. zone

Same

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

34 miles southeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1025'

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

420'

16. NO. OF ACRES IN LEASE

696.11

19. PROPOSED DEPTH

2120'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

128.17

20. ROTARY OR CABLE TOOLS

Rotary

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

5830' GL

22. APPROX. DATE WORK WILL START*

As soon as permitted.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (NEW)	24 #	300'	300 sx. Class "B" Neat
7-7/8"	4-1/2" (NEW)	10.5 #	2120'	470 sx. Class "B" 50:50 Poz
				100 sx. Class "B" Neat

The above well is being drilled to further develop the Pictured Cliffs formation.

The gas from this acreage is dedicated to Southern Union Gathering Co.

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.

SIGNED

B. S. Jacob

TITLE

District Engineer

DATE

August 28, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

NMOC

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator AMOCO PRODUCTION COMPANY			Lease J. F. DAY "B"		Well No. 2
Unit Letter 0	Section 7	Township 28N	Range 10W	County San Juan	
Actual Footage Location of Well: 1025 feet from the South line and 1610 feet from the East line					
Ground Level Elev. 5830	Producing Formation Pictured Cliffs	Pocl Fulcher Kutz-Pictured Cliffs	Dedicated Acreage: 128.17 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 _____

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.

CERTIFICATION

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

B. E. Fackrell

Name
B. E. FACKRELL

Position
DISTRICT ENGINEER

Company
AMOCO PRODUCTION COMPANY

Date
JUNE 14, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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

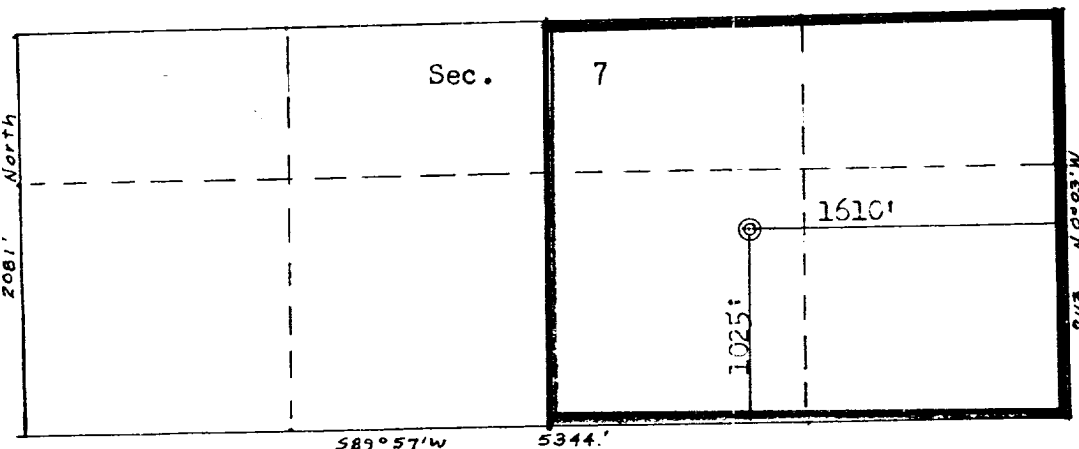
June 9, 1979

Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.

3950



SUPPLEMENTAL INFORMATION TO FORM 9-331C
J. F. DAY "B" NO. 2
1025' FSL & 1610' FEL, SECTION 7, T28N, R10W
SAN JUAN COUNTY, NEW MEXICO

The geologic name of the surface formation is the Tertiary Nacimiento.

Estimated tops of important potential hydrocarbon bearing formations:

<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>
Fruitland	1727'	+ 4116'
Pictured Cliffs	1960'	+ 3883'
TD	2120'	

Estimated KB elevation: 5843'.

Drilling fluid to TD will be a low solids non-dispersed mud system. Open hole logging program will include logs from TD to below surface casing:

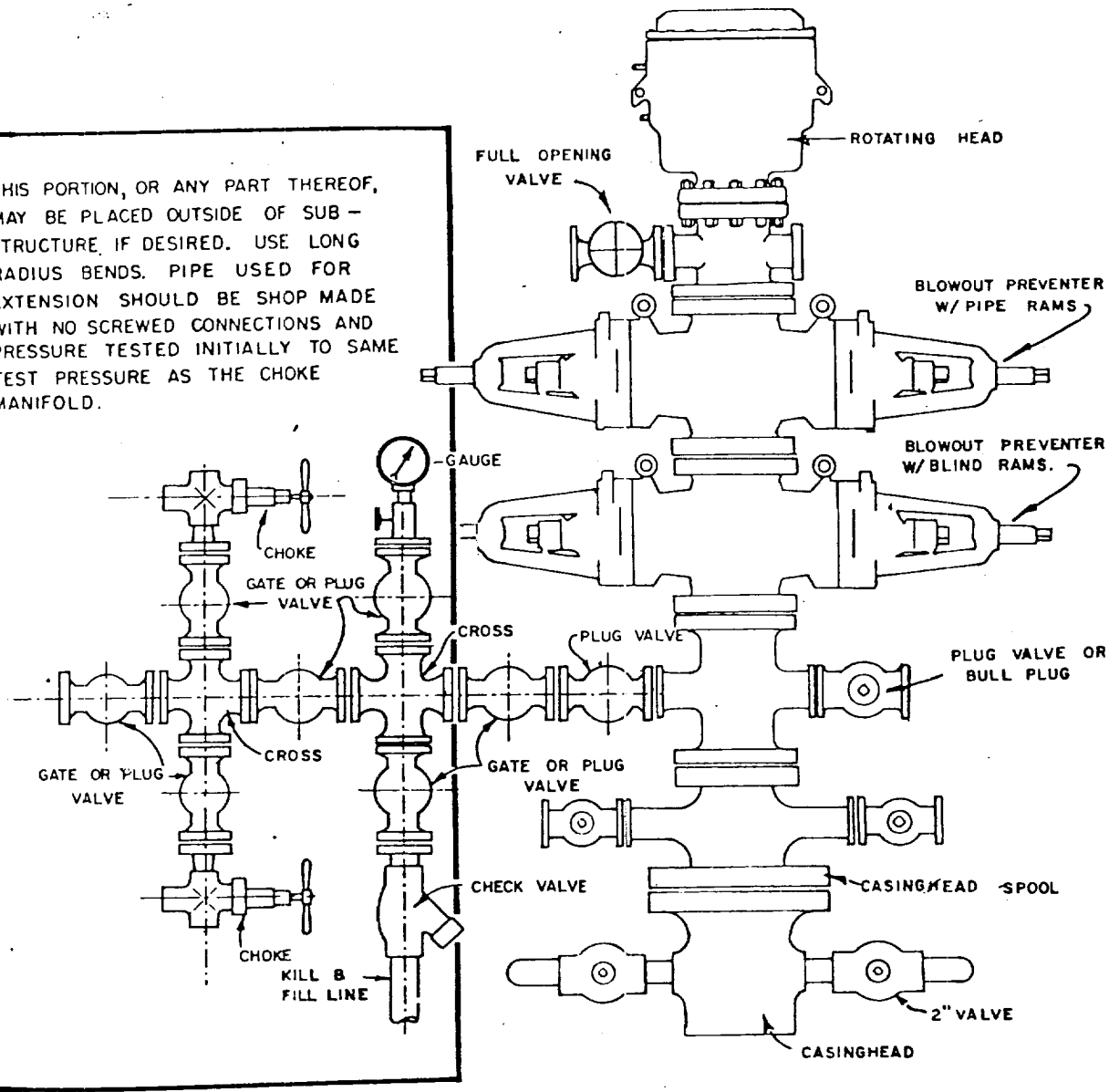
Induction - Electric	0' - TD
FDC - Gamma Ray	0' - TD
SNP - Gamma Ray	0' - TD
Gamma Ray	0' - TD

Completion design will be based on these logs. No cores or drill stem tests will be taken.

Operations will commence when permitted and last approximately two weeks.

Amoco's standard blowout prevention will be employed (see attached drawing).

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

MULTI-POINT SURFACE USE PLAN

J. F. DAY "B" NO. 2
1025' FSL & 1610' FEL, SECTION 7, T28N, R10W
SAN JUAN COUNTY, NEW MEXICO

1. The attached topographic map shows the proposed route to the location.
2. It will not be necessary to build a new road to this location.
3. Existing oil and gas wells within a one-mile radius of our proposed well have been spotted on the vicinity map.
4. There is a 380-barrel tank at a nearby well which is spotted on the map.
5. Water will be hauled from San Juan River.
6. No construction materials will be hauled in for this location.
7. A 75' by 75' pit will be built on location to hold all drilling waste. Upon completion of the well, the pit will be fenced and fluids allowed to dry out.
8. There is a Gas Company of N. Mexico camp 2 miles west and no airstrip.
9. The well site layout, reserve, burn and trash pits are shown on the attached Drill Site Specification Sheet. A 1-foot cut will be on north side.
10. Restoration of the surface will be accomplished by cleaning up and leveling upon completion of the well. Drilling mud will be hauled away and the reserve pit back filled. Reseeding of the site will be carried out as instructed by the Bureau of Land Management.
11. The general topography is a level terrain with a sandy soil covered with sagebrush and gramma grass. Location will tie into an old location.

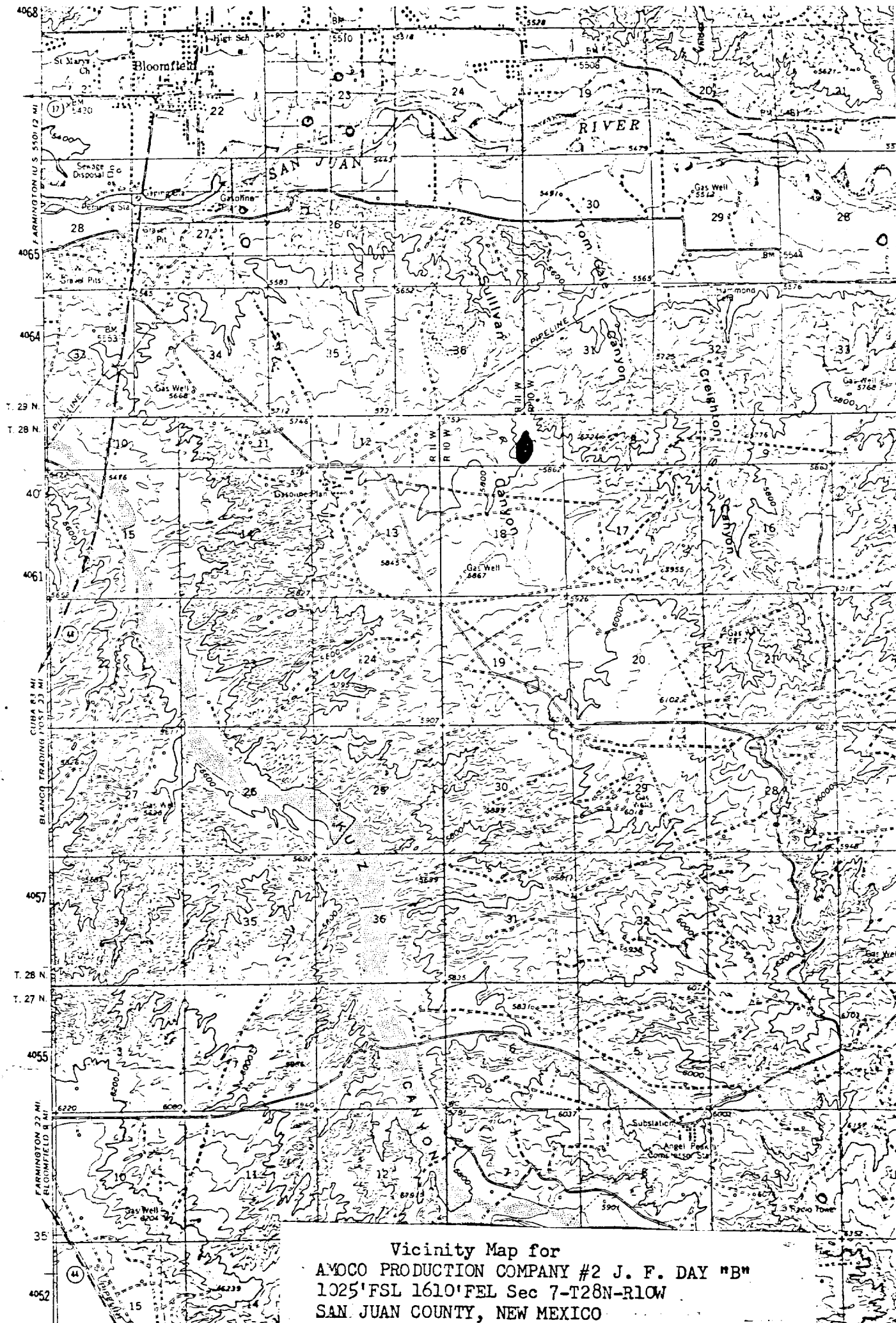
Representatives of the U. S. Geological Survey's Farmington Office and the Bureau of Land Management Office will inspect the site with Amoco personnel. Cultural resources inspection will be conducted by an archaeologist from San Juan College.

12. Operator's Representative: R. W. Schroeder
Phone: Office: 505-325-8841; Home: 505-325-6164
Address: 501 Airport Drive, Farmington, NM 87401

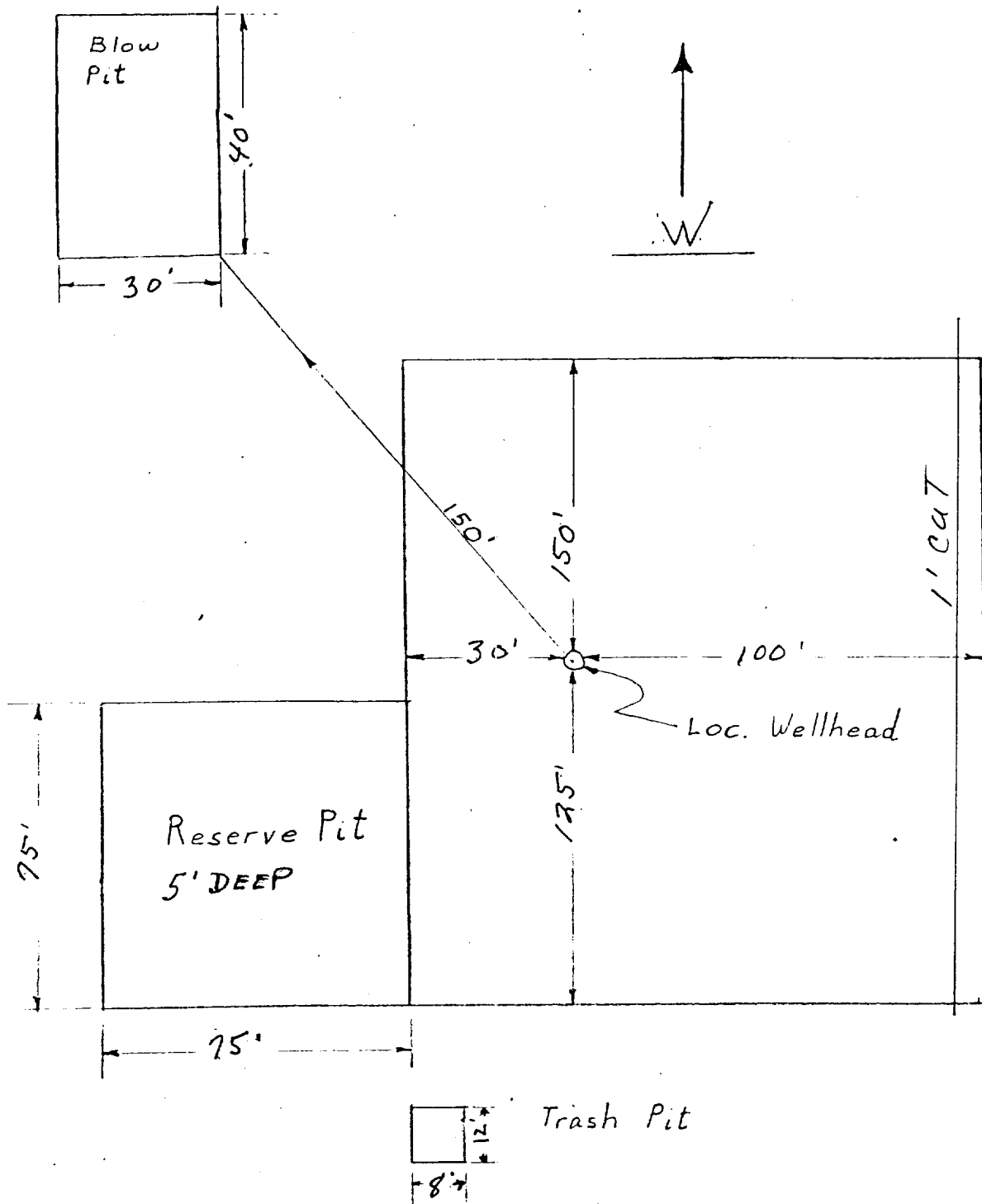
Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by AMOCO PRODUCTION COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date August 16, 1979


R. W. Schroeder, District Superintendent



Vicinity Map for
AMOCO PRODUCTION COMPANY #2 J. F. DAY "B"
1025' FSL 1610' FEL Sec 7-T28N-R10W
SAN JUAN COUNTY, NEW MEXICO



APPROXIMATELY 1.2 Acres

Amoco Production Company	SCALE: NONE
DRILLING LOCATION SPECS J. F. DAY "B" NO. 2	DRG. NO.