

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-043-20494
5. LEASE DESIGNATION AND SERIAL NO.

Contract 163

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Badland Flats

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

So. Blanco P.C. *ext*11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 24, T23N, R2W

12. COUNTY OR PARISH 13. STATE

Sandoval

N.M.

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

J. Gregory Merrion & Robert L. Bayless

3. ADDRESS OF OPERATOR

P.O. Box 507, Farmington, NM 87401

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

At surface

1650 FSL & 990 FWL

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 drg. unit line, if any)

16. NO. OF ACRES IN LEASE

1920

17. NO. OF ACRES ASSIGNED

160

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

3100'

20. RIG OR CABLE TOOLS

Rotary

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

7336' GL

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M. APPROX. DATE WORK WILL START*

August 15, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8-3/4"	7"	23	90	50 sacks
5-1/4"	3-1/2"	9.3	3100	150 sacks

Will drill 8-3/4" hole to 90' and set 90' of 7", 23#, J-55, used casing with 50 sacks Class H cement. Will drill 5-1/4" hole to 3100' and run 3100' of 3-1/2", EUE, K-55, used casing and cement with 150 sacks Class H cement with 2% D-79, circulated to surface. Circulating medium will be clear water, natural mud and water-loss control additives. No abnormal pressures or temperatures are anticipated. Will run Induction and Density logs. Blowout preventer schematic is attached. The gas from this formation is not dedicated.

ESTIMATED TOPS

Surface Formation: Ojo Alamo

- salt water

2750': Kirtland

2820': Fruitland

2955': Pictured Cliffs gas, salt water

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 location and measured and true vertical depths. Give blowout prevented program, if any.

24.

SIGNED

Robert L. Bayless

TITLE

Operator

DATE

July 23, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

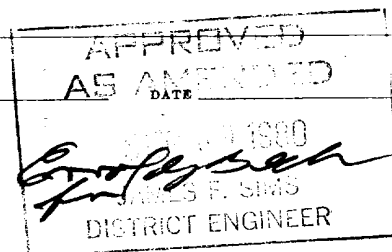
TITLE

CONDITIONS OF APPROVAL, IF ANY:

ch 3rd

*See Instructions On Reverse Side

NMCC



OIL CONSERVATION DIVISION

P. O. BOX 2048

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

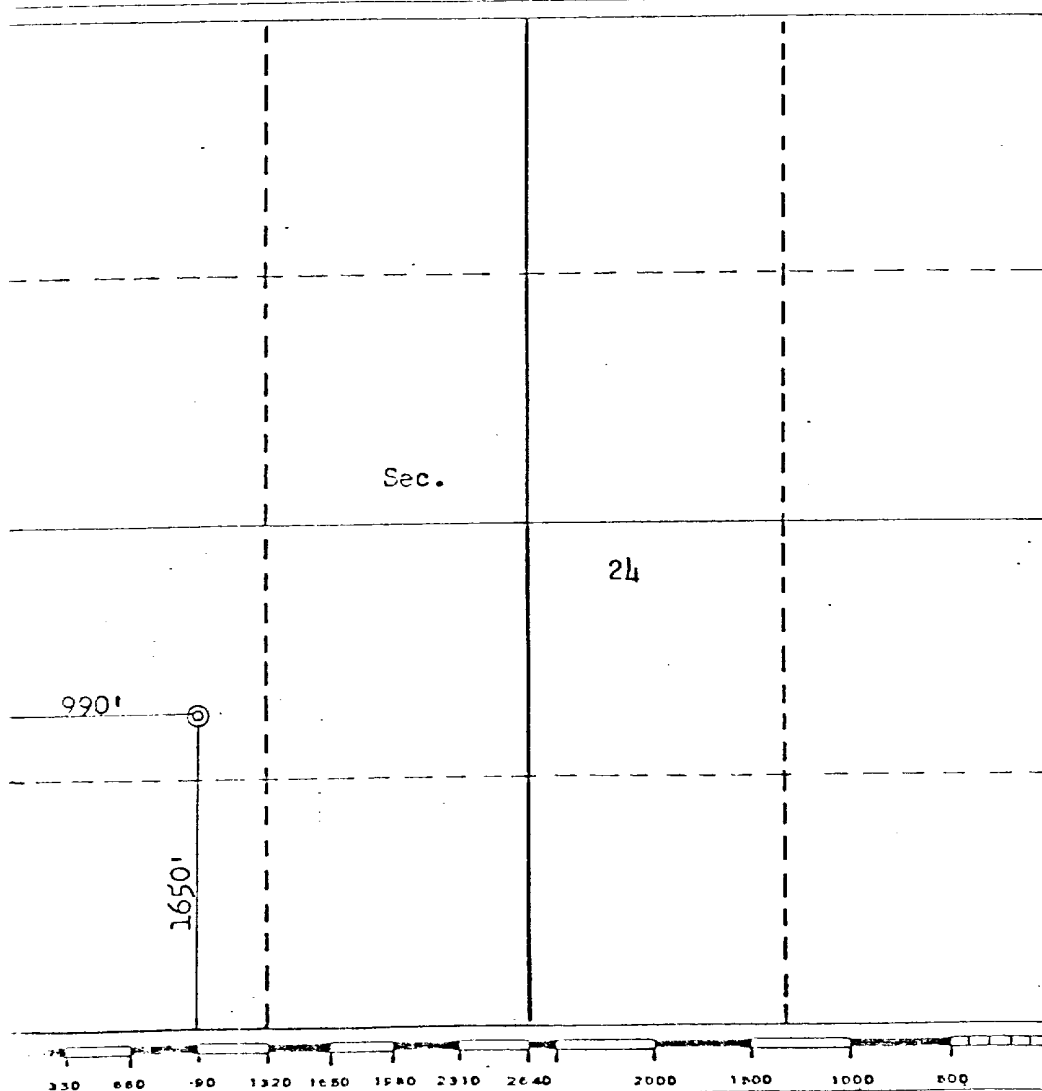
Operator Merrion & Bayless		Lease BADLANDS FLATS		Well No. 1
Well Letter L	Section 24	Township 23N	Range 2W	County Sandoval
Actual Footage Location of Well:				
1650	feet from the South	line and	990	feet from the West
Ground Level Elev. 7336	Producing Formation Pictured Cliffs	Pool South Blanco	East	Dedicated Acreage 160 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 _____

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.

Robert L. Bayless
Name

Robert L. Bayless

Position

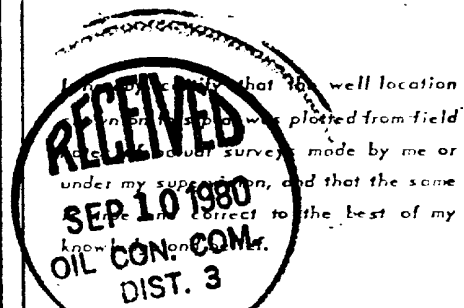
Co-Owner

Company

Merrion & Bayless

Date

July 23, 1980



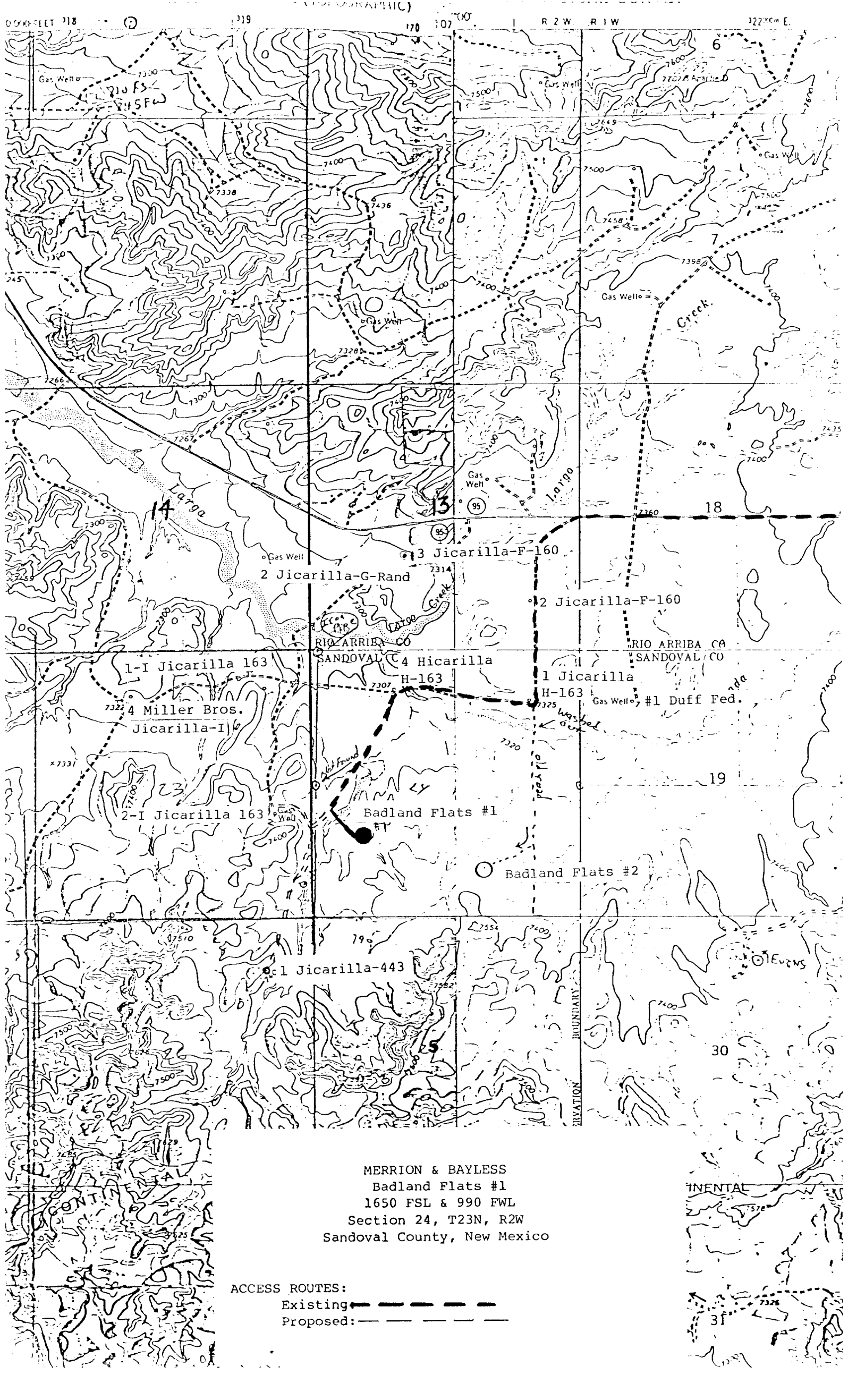
Date Surveyed

July 23, 1980
Registered Professional Engineer
and/or Land Surveyor

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

Certificate No.

3950



MERRION & BAYLESS
Badland Flats #1
1650 FSL & 990 FWL
Section 24, T23N, R2W
Sandoval County, New Mexico

ACCESS ROUTES:
Existing —————
Proposed: - - - - -

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
J. Gregory Merrion & Robert L. Bayless
3. ADDRESS OF OPERATOR
P.O. Box 1541, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1650 FSL & 990 FWL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

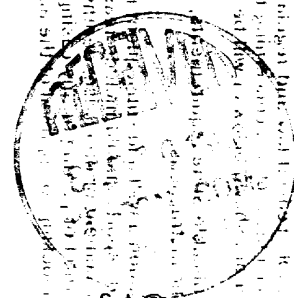
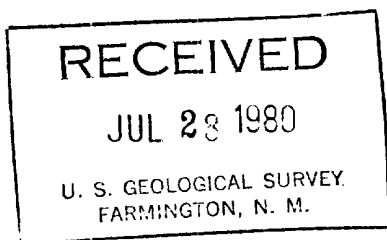
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF ☐ ☐
FRACTURE TREAT ☐ ☐
SHOOT OR ACIDIZE ☐ ☐
REPAIR WELL ☐ ☐
PULL OR ALTER CASING ☐ ☐
MULTIPLE COMPLETE ☐ ☐
CHANGE ZONES ☐ ☐
ABANDON* ☐ ☐
(other) Amend 9-331C dated 7/23/80

5. LEASE
Contract 163-
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Badland Flats
9. WELL NO.
1
10. FIELD OR WILDCAT NAME
So. Blanco P.C.
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 24, T23N, R2W
12. COUNTY OR PARISH
Sandoval
13. STATE
N.M.
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7336' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Please amend Item #23 to reflect a change in 3-1/2" casing grade from K-55 to J-55.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Robert L. Bayless TITLE Operator DATE July 28, 1980
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

JUL 30 1980
Bruce Wamby
for DISTRICT ENGINEER

*See Instructions on Reverse Side

NMOCC