

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

✓
.....
✓
.....
.....

Checked by Chief
Approval Letter
Disapproval Letter

[Signature]
.....
11-12-68
.....
.....

COMPLETION DATA:

Date Well Completed 12-23-68

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA. ✓

State or Fee Land

LOGS FILED

Driller's Log 1-14-69.

Electric Logs (No.) 5

E..... I..... Dual I Lat. ✓ GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others. Continuous Dipmeter

*Sample Description - Sawall Neutron Density Log.
Compensated Formation Density Log.*

WELL NO. B. Z. KASTLER FEDERAL #1
API NO. 43-009-30002
SEC. 25, T. 03N, R. 24E
DAGGETT COUNTY, UTAH

NOTES FROM COVER ON OLD WELL FILE:

11-3-69 - BUD COVINGTON HAS CONTINUOUS DIPMETER, NEUTRON POROSITY,
FORMATION DENSITY.

RETURNED - 11-69 - SCHERRIE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
Utah 020644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
B. Z. Kastler

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
25-3N-24E., SLB&M

12. COUNTY OR PARISH | 13. STATE
Daggett | Utah

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
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1796' FSL, 2146' FEL NW SE
At proposed prod. zone Same SW & W SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
12 miles east of Dutch John, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) -
516'

16. NO. OF ACRES IN LEASE
400.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
-

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

19. PROPOSED DEPTH
6450'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6735'

22. APPROX. DATE WORK WILL START*
November 20, 1968

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	10-3/4	32.75	300	175
7-7/8	4-1/2	11.6	To be determined	

We would like your permission to drill the subject well to an estimated depth of 6450'. Anticipated formation tops are as follows: Hilliard at 100', Frontier at 5850', Mowry at 6070', Dakota at 6250' and Morrison at 6400'.

The well location does not satisfy the spacing requirements because of topographic conditions. Because of the difficulty of making location and the substantial increase in cost for an orthodox location, an exception to Rule C-3 of the General Rules and Regulations is requested.

Mountain Fuel Supply Company is lessee of record of all of the lands within 660 feet of the proposed location under oil and gas lease.

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. Z. Croft TITLE Vice President Gas Supply Operations DATE November 8, 1968

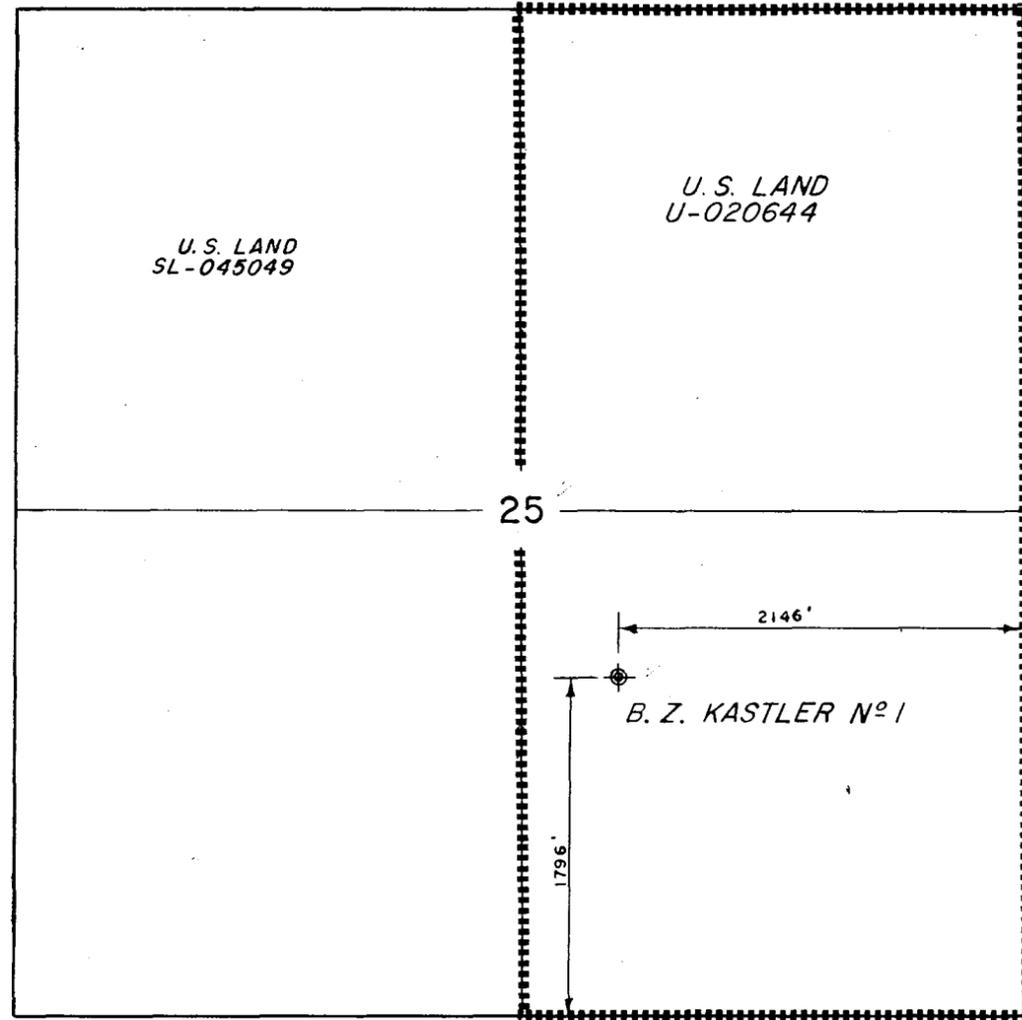
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

T.3 N., R.24 E. S.L.B. & M.

UTAH



LOCATION DATA

WELL - B. Z. Kastler N° 1

FIELD - Clay Basin

LOCATION

1796' From South Line
 2146' From East Line
 NW SE Sec. 25, T.3N., R.24E. S.L.B. & M.
 Daggett County, Utah

ELEVATION

6735' ground
 From U.S.C. & G.S. B.M. Z-102

SURVEYED BY

C.M. Koritnik on October 31, 1968

DATE OF REPORT

November 4, 1968

REMARKS

Well elevation for ground as graded

ENGINEER'S AFFIDAVIT

STATE OF WYOMING }
 COUNTY OF SWEETWATER } s.s.

I, K.A. Loya of Rock Springs Wyoming, hereby certify that this map was made from notes taken during an actual survey made under my direction by C.M. Koritnik on October 31, 1968; and that it correctly represents the location thereon with section measurements based on the official resurvey Plat of Township 3N., R.24E., S.L.B. & M. UTAH

K.A. Loya
 Engineer

Utah Registration N° 2707

REVISIONS				 MOUNTAIN FUEL SUPPLY COMPANY ROCK SPRINGS, WYOMING
NO.	DESCRIPTION	DATE	BY	
				WELL LOCATION B. Z. KASTLER N° 1 NW SE SEC. 25, T.3N., R.24E. S.L.B.&M. DAGGETT COUNTY, UTAH
DRAWN: 11-4-68 FJC			SCALE: 1" = 1000'	DRWG. NO. M-9410
CHECKED: <i>Rum</i> CK				
APPROVED: KAL				

November 12, 1968

Mountain Fuel Supply Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Well No. B. Z. Kastler Federal
#1, Sec. 25, T. 3 N., R. 24 E.,
Daggett County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well on said unorthodox location is hereby granted in accordance with Rule C-3 (c).

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, "Report of Water Encountered During Drilling", which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Mountain Fuel Supply Company

November 12, 1968

-2-

The API number assigned to this well is 43-009-30002 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sc

cc: U. S. Geological Survey
Rodney A. Smith, District Engineer
8416 Federal Building
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.
LEASE DESIGNATION AND SERIAL NO.

Utah 020644

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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Mountain Fuel Supply Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME B. Z. Kastler
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1796' FSL, 2146' FEL NW SE		9. WELL NO. 1
14. PERMIT NO. -		10. FIELD AND POOL, OR WILDCAT Clay Basin
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6735'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-3N-24E., SLB&M
		12. COUNTY OR PARISH 13. STATE Daggett Utah

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 COMPLETE <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 PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <input checked="" type="checkbox"/>	
(Other) <input 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.)*

Depth 273', drilling.

Spudded November 25, 1968.

18. I hereby certify that the foregoing is true and correct
 SIGNED B. H. Croft Jr TITLE Vice President, Gas Supply Operations DATE Nov. 26, 1968

(This space for Federal or State Office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Utah 020644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

B. Z. Kastler

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Clay Basin

11. SEC., T., R., M., OR P.M. AND
SURVEY OR AREA

25-3N-24E., SLB&M

12. COUNTY OR PARISH 13. STATE

Daggett Utah

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
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1796' FSL, 2146' FEL NW SE

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6754.10' GR 6735'

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 COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Supplementary history
REPAIRING WELL
ALTERING CASING
ABANDONMENT*
XX

(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.)*

Depth 2709', drilling.

Landed 298.70' net, 301.45' gross of 10-3/4"OD, 32.75#, H-40, surface casing at 317.80' and set with 175 sacks of cement, returned 2 barrels of cement to surface.

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

SIGNED B. Z. Croft

TITLE Vice President,
Gas Supply Operations

DATE Dec. 2, 1968

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLES
(Other instructions
verse side)

Form approved
Budget Bureau No. 42-11424
LEASE DESIGNATION AND SERIAL NO.

Utah 020644

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
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1796' FSL, 2146' FEL NW SE

14. PERMIT NO. -

15. ELEVATIONS (Show whether DF, FT, GR, etc.)
KB 6754.10' GR 6735'

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
B. Z. Kestler

9. WELL NO.

10. FIELD AND POOL, OR WILL CAS
Clay Basin

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
25-3N-24E., 1/4 BLM

12. COUNTY OR PARISH AND STATE
Daggett Utah

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 COMPLETE <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 PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <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 and 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.)*

Depth 5331', tripping.

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

SIGNED B. W. Craft TITLE Vice President, Gas Supply Operations DATE Dec. 10, 1968

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved
Budget Bureau No. 42-71421

5. LEASE DESIGNATION AND SERIAL NO.

Utah 020644

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

B. Z. Kastler

9. WELL NO.

1

10. FIELD AND POOL, OR WELLS

Clay Basin

11. SEC., T., R., OR 1/4 SEC., 40
SURVEY OF AREA

25-3N-24E., S1/4&M

12. COUNTY OR PARISH; 13. STATE

Daggett Utah

1. OIL
2. GAS
3. OTHER

4. NAME OF OPERATOR

Mountain Fuel Supply Company

5. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

6. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also Part IV below.)

1796' TST, 2146' FUEL NW SE

14. PERMIT NO.

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

KB 6754.10'

GR 6735'

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

NOTICE OF INTENTION TO:

STOP WATER DIVERSION

FRACURED MEDIA

SHOOTING OR ACIDIZING

REPAIRS WELLS

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORTS OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Supplementary history

REPAIRING WELLS

ALTERING CASING

ABANDONMENT

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

16. SUMMARY OF 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 meters and rods used in the work.)

Depth 5210', tripping.

DOT #1: 6058-6103', Frontier, IO 1/2 hour, ISI 3/4 hour, FO 1/2 hour, FSI 1 hour, opened with very weak blow, dead in 11 minutes, reopened dead, recovered 30' drilling mud. IHP 3094, IOFP's 50-87, ISIP 1233, FOFP's 87-87, FSIP 509, FHP 3066 psi.

DOT #2: 6102-6132', Frontier, IO 1/2 hour, ISI 3/4 hour, FO 1 hour, FSI 1 1/2 hours, opened with weak blow on both openings, no gas to surface, recovered 180' drilling mud. IHP 3050, IOFP's 101-101, ISIP 348, FOFP's 101-101, FSIP 479, FHP 3037 psi.

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

SIGNED B. Z. Kastler

TITLE Vice President,
Gas Supply Operations

DATE Dec. 16, 1968

(This space for Federal or State office use)

APPROVED BY _____
COMMISSIONER OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 020644

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Mountain Fuel Supply Company

8. FARM OR LEASE NAME

B. Z. Kastler

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.

1

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

10. FIELD AND POOL, OR WILDCAT

Clay Basin

1796' FSL, 2146' FEL NW SE

11. SEC. T., E., M., OR BLK. AND SURVEY OR AREA

25-3N-24E., SLB&M

14. PERMIT NO.

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

KB 6754.10' GR 6735'

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Supplementary history

(Other)

(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.)*

Depth 6569', making DST #7.

DST #3: 6173-6247', lower Frontier, IO 1/2 hour, ISI 1/2 hour, FO 3/4 hour, FSI 1 hour, opened with weak blow, dead in 1/4 hour, reopened with weak blow continuing, no gas to surface, recovered 535' water cut mud. IHP 3052, IOFP's 72-130, ISIP 2271, FOFP's 159-218, FSIP 2328, FHP 3037 psi.

DST #4: 6444-6463', Dakota, IO 3/4 hour, ISI 1 1/2 hours, FO 1 hour, FSI 1 1/2 hours, opened with strong blow, gas in 1/4 hour, 1/2 hour 34 Mcf, 3/4 hour 37 Mcf, reopened, 1/4 hour 39 Mcf, 1/2 hour 47 Mcf, 1 hour 53 Mcf, recovered 20' drilling mud. IHP 3139, IOFP's 29-43, ISIP 2632, FOFP's 29-38, FSIP 2618, FHP 3124 psi.

DST #5: 6478-6493', Dakota, mis-run.

DST #6: 6482-6503', mis-run.

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

SIGNED: B.W. Goff

Vice President,
Gas Supply Operations

DATE: Dec. 23, 1968

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 42-R1424

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"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah 020644
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1796' FSL, 2146' FEL NW SE		8. FARM OR LEASE NAME B. Z. Kastler
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6754.10' GR 6735'	9. WELL NO.
		10. FIELD AND POOL, OR WILDCAT Clay Basin
		11. SEC., T., R., M., OR BKG. AND SURVEY OR AREA 25-3N-24E, SLB&M
		12. COUNTY OR PARISH Daggett
		13. STATE Utah

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 WELLS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <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.)
TD 6600', rig released December 26, 1968.

DST #7: 6514-6569', Dakota, IO 1/2 hour, ISI 1 hour, FO 1 hour, FSI 1 1/2 hours, opened with very weak blow, reopened dead, no gas to surface, recovered 210' drilling mud.
IHP 3168, IOFP's 116-145, ISIP 334, FOFP's 145-145, FSIP 305, FHP 3153 psi.

DST #8: 6463-6600', Dakota, IO 1/2 hour, ISI 1 hour, FO 1 hour, FSI 1 hour, opened with medium blow, reopened with weak blow, no gas to surface, recovered 563' muddy salt water.
IHP 3168, IOFP's 130-189, ISIP 1417, FOFP's 218-247, FSIP 1187, FHP 3153 psi.

Oral approval to plug and abandon the subject well was granted during a telephone conversation between Mr. Daniels of the U.S.G.S. and Mr. Sanna with Mountain Fuel on December 25, 1968 by laying the following plugs:

- Plug No. 1: 6500-6400', 28 sacks
- Plug No. 2: 6200-6000', 56 sacks
- Plug No. 3: 3100-3000', 28 sacks
- Plug No. 4: 343-243', 42 sacks
- Plug No. 5: 22-0', 10 sacks

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

SIGNED BW Craft TITLE Vice President, Gas Supply Operations DATE December 26, 1968

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
Utah 020644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
B. Z. Kastler

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Clay Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
25-3N-24E., SLB&M

12. COUNTY OR PARISH 13. STATE
Daggett Utah

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
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1796' FSL, 2146' FEL NW SE

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KE 6754.10' GR 6735'

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 COMPLETE <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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input 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 and 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.)*

TD 6600', rig released December 26, 1968, well plugged and abandoned as follows:

Plug No. 1: 6500-6400', 28 sacks
 Plug No. 2: 6200-6000', 56 sacks
 Plug No. 3: 3100-3000', 28 sacks
 Plug No. 4: 343-243', 42 sacks
 Plug No. 5: 22-0', 10 sacks

The location will be cleaned and a regulation abandonment marker installed at a later date.

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

SIGNED B.W. Craft TITLE Vice President, Gas Supply Operations DATE Dec 26 1968

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Shaw

013

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Daggett Field Clay Basin

The following is a correct report of operations and production (including drilling and producing wells) for the month of DEC - 1968, 19.....

Agent's address P. O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY
Salt Lake City, Utah 84111 Signed J. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause, date and result of test for gasoline content of gas)
NW SE 25	3N	24E	1		Utah 020644		B. Z. Kastler Jr.			Spudded 11-25-68 T.D. 6,600' P & A 12-26-68

Note.—There were runs or sales of oil; M cu. ft. of gas sold; runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Mountain Fuel Supply Company
 OPERATOR Mountain Fuel Supply Company
 WELL NO. 1 B. Z. Kastler
 FIELD East Clay Basin
 COUNTY Daggett
 STATE Utah

LAB NO. 1289-2 REPORT NO. 1-769
 LOCATION NW SE 25-3N-24E
 FORMATION Dakota
 INTERVAL 6463-6600
 SAMPLE FROM DST No. 8
 DATE January 8, 1969

REMARKS & CONCLUSIONS: Muddy brown water, brown filtrate.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	6330	275.32	Sulfate	7950	165.36
Potassium	38	0.97	Chloride	4050	114.21
Lithium	-	-	Carbonate	-	-
Calcium	355	17.71	Bicarbonate	1196	19.61
Magnesium	63	5.18	Hydroxide	-	-
Iron	Absent	-	Hydrogen sulfide	Absent	-
Total Cations 299.18			Total Anions 299.18		

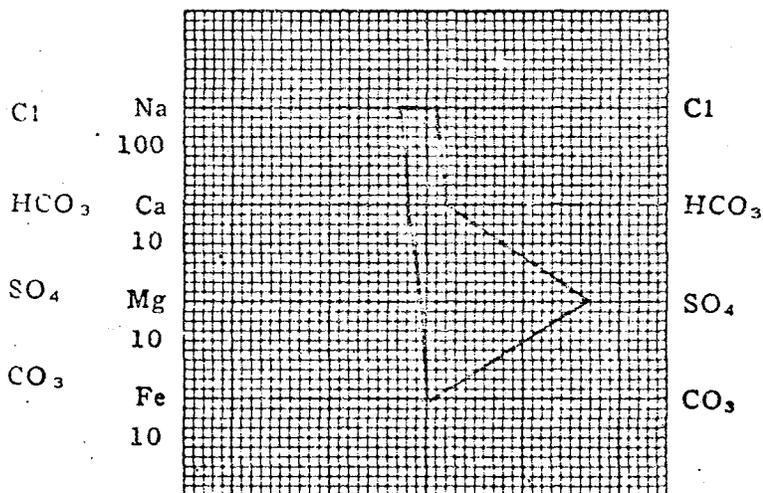
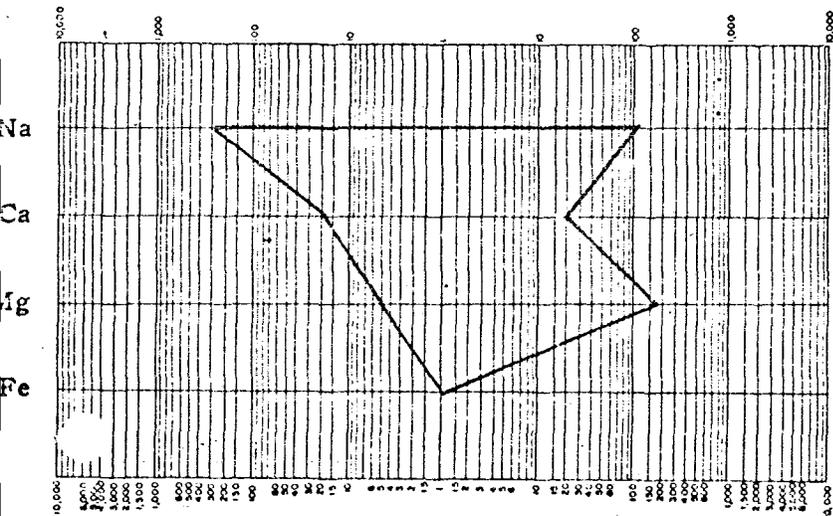
Total dissolved solids, mg/l	19,375	Specific resistance @ 68° F.:	
NaCl equivalent, mg/l	15,179	Observed	0.50 ohm-meters
Observed pH	7.6	Calculated	0.45 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC

STANDARD



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter. Meq/l=Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

PT

FORM OGC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number B. Z. Kastler No. 1

Operator Mountain Fuel Supply Company Address Salt Lake City Phone 328-8315

Contractor Loffland Bros. Address Casper, Wyoming Phone _____

Location NW 1/4 SE 1/4 Sec. 25 T. 3 N R. 24 E Daggett County, Utah
S/ W/

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>6463'</u>	<u>6490'</u>	<u>530'</u>	<u>muddy water on drill stem test</u>
2. <u>6180'</u>	<u>6200'</u>	<u>535'</u>	<u>muddy water on drill stem test</u>
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

Frontier	6052'
Mowry	6259'
Dakota	6438'
Morrison	6572'

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

RECEIVED

JAN 9 1969

COMPLETION REPORT

COLO. OIL & GAS CONS. COMM.

Area: East Clay Basin Date: January 3, 1969

Well: B. Z. Kastler Well No. 1

New Field Wildcat Development Well Shallower Pool Test

New Pool Wildcat Extension Deeper Pool Test

Location: 1796 feet from South line, 2146 feet from East line
NW $\frac{1}{4}$ SE $\frac{1}{4}$ or $\frac{1}{2}$

Section 25, Township 3 North, Range 24 East

County: Daggett State: Utah

Operator: Mountain Fuel Supply Company

Elevation: 6754.10 feet kelly bushing, 6735 feet ground

Drilling Commenced: November 25, 1968 Drilling Completed: December 23, 1968

Rig Released: December 26, 1968 Total Depth: 6600 feet Driller, 6586 feet Logger

Sample Tops: (unadjusted)

Log Tops:

Frontier 6065'
Mowry 6265'
Dakota 6442'

Baxter Surface
Frontier 6052'
Mowry 6259'
Dakota 6438'
Morrison 6572'

Producing Formation: --

Production: --

Status: Dry and Abandoned

Perforations: --

Stimulation: --

Casing: 10-3/4" landed at 317.80'

Logging - Elec.: Dual induction-laterolog 0'-6586'
Neutron porosity-gamma log 5110'-6586'
Formation Density log 6000'-6586'
Dipmeter 317'-6586'

Contractor: Loffland Bros.

Remarks: --

COMPLETION REPORT (cont.)

Area: East Clay Basin

Well: B. Z. Kastler Well No. 1

RECEIVED

JAN 9 1969

COLO. OIL & GAS CONS. COMM.

Tabulation of Drill Stem Tests

<u>DST</u>	<u>Interval</u>	<u>IFP</u>	<u>ISIP</u>	<u>FFP</u>	<u>FSIP</u>	<u>Remarks</u>
1	6058'-6103'	?(30)	1233(45)	87-87(30)	509(60)	NGTS, recovered 30' mud
2	6102'-6132'	101-101(30)	348(45)	101-101(60)	479(75)	NGTS, recovered 180' mud
3	6173'-6247'	72-130(30)	2271(30)	159-218(45)	2328(60)	NGTS, 535' water-cut mud, weight 9 lb.
4	6444'-6463'	29-43(45)	2632(90)	29-58(60)	2618(90)	GTS in 15 min, max. gas 53 Mcf, recovered 50' mud
5	6478'-6493'	M I S R U N				
6	6482'-6503'	M I S R U N				
7	6514'-6569'	116-145(30)	334(30)	145-145(60)	305(90)	NGTS, recovered 210' mud
8	6463'-6600'	130-189(30)	1417(60)	218-247(60)	1187(60)	NGTS, recovered 563' muddy water

VBG:kjc

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 020644

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

B. Z. Kastler

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Clay Basin

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

25-3N-24E., SLB&M

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1796' FSL, 2146' FEL NW SE

At top prod. interval reported below
Same
At total depth
Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 11-25-68 16. DATE T.D. REACHED 12-23-68 17. DATE COMPL. (Ready to prod.) 12-26-68 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 6754.10' GR 6735' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6600 21. PLUG, BACK T.D., MD & TVD 0 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-6600 ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dry and abandoned ✓ 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction-Laterlog, Porosity, Dipmeter, Density 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4	32.75	317.80	13-3/4	175	0

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
D & A							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Dual Induction-Laterolog, Porosity, Density & Dipmeter logs, Well Completion, Lithology Log.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED BW Craft TITLE Vice President, Gas Supply Operations DATE Jan. 21, 1969

*(See Instructions and Spaces for Additional Data on Reverse Side)