

Minimum Error of Closure 1 in 200

Source of Elevation U.S.G.S. B.M. at mouth of Lynn Camp Run: 912

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
 Squares: N E W

Map No.

Company RAMCO OIL & GAS CORP.
 Address P.O. Box 99, Belpre, Ohio.
 Farm Samuel Saddle
 Tract _____ Acres 118 Lease No. _____
 Well (Farm) No. Three Serial No. _____
 Elevation (Spirit Level) 1287
 Quadrangle Centerpoint SC
 County Doddridge District McClellan
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date February 26, 1974 Scale 1" = 400' = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

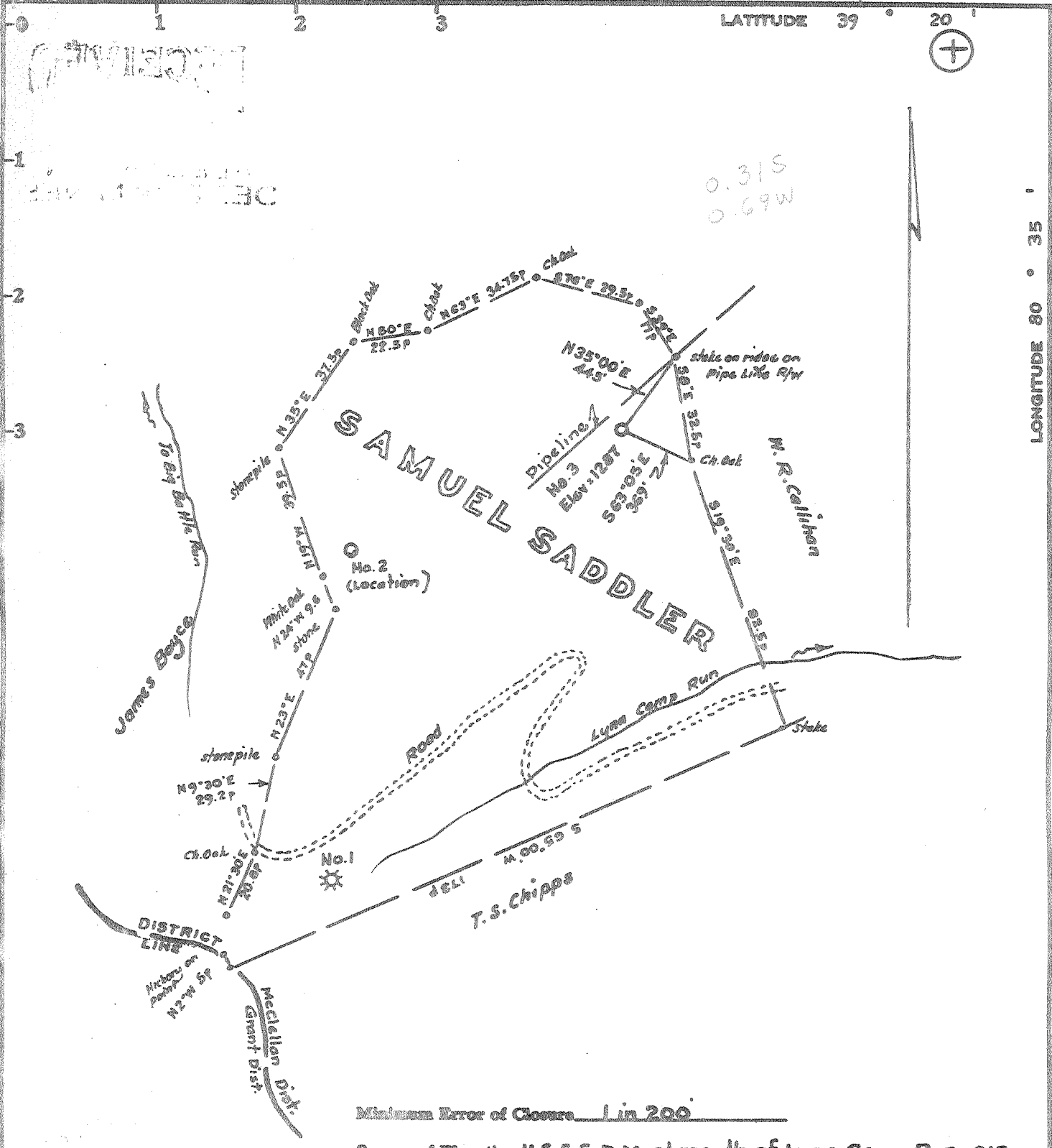
WELL LOCATION MAP
 DRILLING CANCELED
 FILE NO. DOD-1791

FORMERLY - 1768

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown. NOV 22 1977

- Denotes one inch spaces on border line of original tracing.

47-017



0.31 S
0.69 W

LONGITUDE 80 ° 35 '

Minimum Error of Closure Lin 200

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Signed: [Signature]
Squares: N E W

Map No. _____

Company RAMCO OIL & GAS CORP.

Address P.O. Box 99, Balpra, Ohio.

Farm Samuel Saddler

Tract _____ Acres 118 Lease No. _____

Well (For n) No. Three Serial No. _____

Elevation (Spirit Level) 1287

Quadrangle Centerpoint SC

County Doddridge District McGellan

Engineer [Signature]

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date February 26, 1974 Scale 1" = 400' = 660'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP

FILE NO. DOD - 1791

FORMERLY - 1768

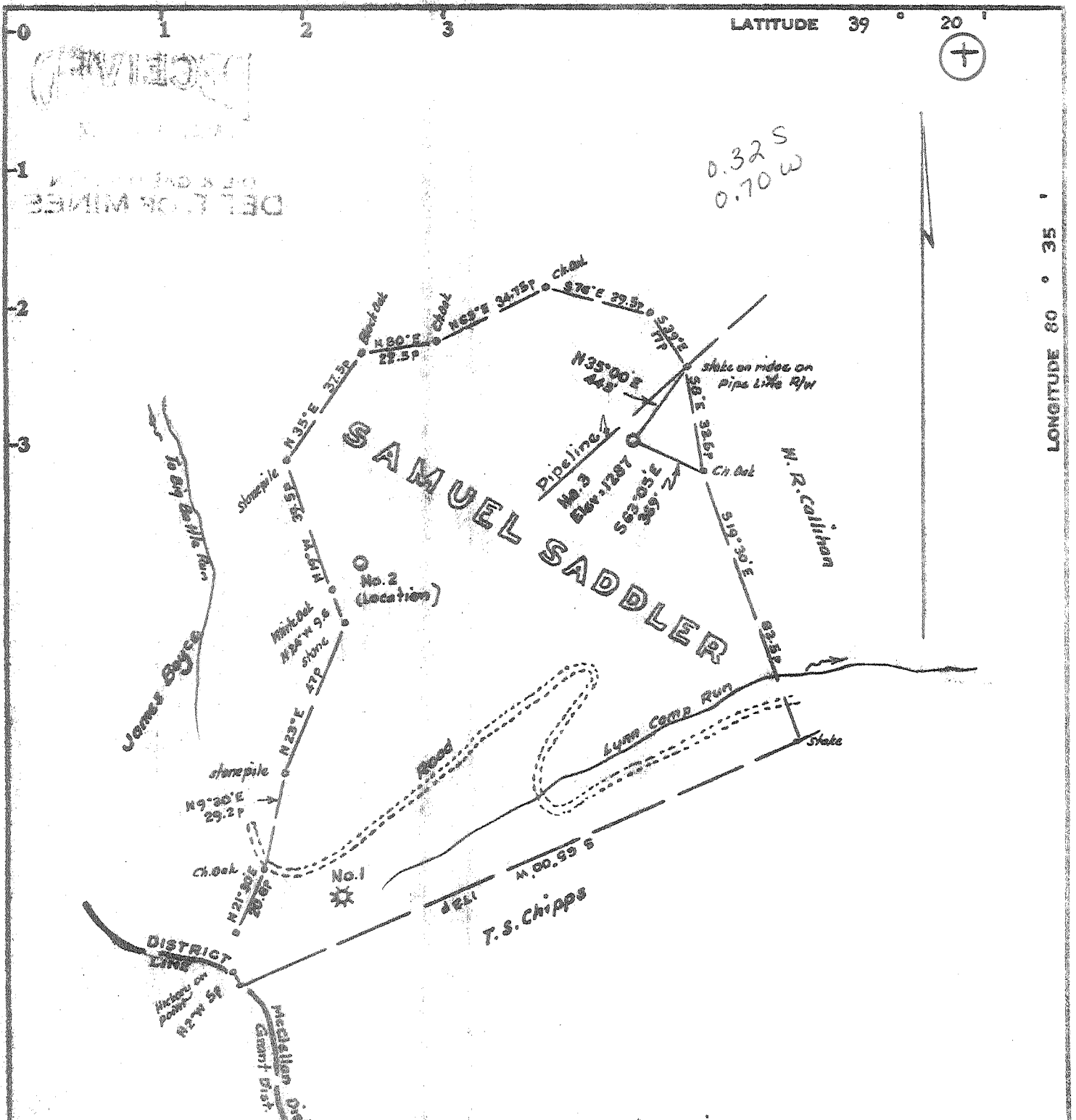
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

47-017

2400' Injunct

5/15/74-CEN



Minimum Error of Closure 1 in 200
 Source of Elevation U.S.G.S. B.M. at mouth of Lynn Camp Run: 912

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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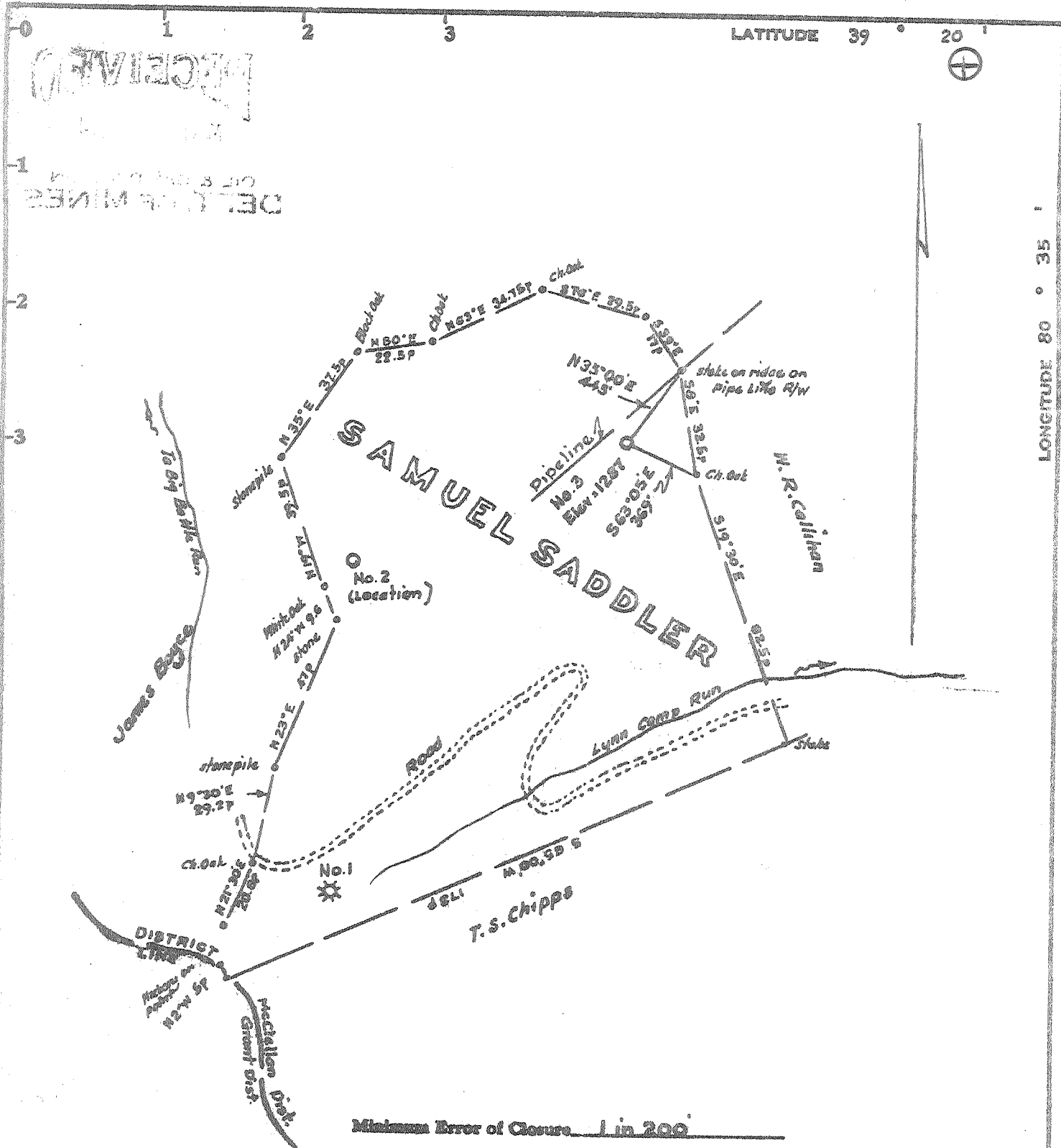
Signed: [Signature]
 Squares: N E W

Map No.

Company RAMCO OIL & GAS CORP.
 Address P.O. Box 99, Belpré, Ohio.
 Farm Samuel Saddler
 Tract Acres 118 Lease No.
 Well (Farm) No. Three Serial No.
 Elevation (Spirit Level) 1287
 Quadrangle Centerpoint SC
 County Reddridge District McClellan
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. Drawing No.
 Date February 26, 1974 Scale 1" = 400' = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 was: FILE NO. Dodd-1768
Drilling Canceled
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 NOW: DODD-1791-C
 - Denotes one inch spaces on border line of original tracing.
47-017



Minimum Error of Closure 1 in 200

Source of Elevation U.S. S. N.M. at mouth of Lynn Camp Run: 912

- Fracture
- New Location
- Drill Deeper
- Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Map No. _____ Signed: W. S. Chipps
 Squares: N E W

Company BAMCO OIL & GAS CORP.
 Address P.O. Box 99, Belpra, Ohio.
 Name Samuel Saddler
 Tract Acres 118 Lease No. _____
 Well (Farm) No. Three Serial No. _____
 Elevation (Spirit Level) 1287
 Quadrangle Centerpoint SC
 County Lincoln District McCallen
 Engineer W. S. Chipps
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date FEBRUARY 26 1974 Scale 1" = 400' = 660'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Sadd-176B

† Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing. 47-017



RECEIVED

FEB 15 1974

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE February 15, 1974

Surface Owner Samuel Sadler Heirs
Address Sedalia, West Virginia
Mineral Owner Samuel Sadler Heirs
Address Sedalia, West Virginia
Coal Owner Samuel Sadler Heirs
Address Sedalia, West Virginia
Coal Operator None - no coal is being mined in
Address this area.

Company RAMCO Oil & Gas Corp.
Address P. O. Box 99, Belpre, Ohio 45714
Farm Samuel Sadler Acres 118
Location (waters) Big Battle Run of Robinson Fork
Well No. 3 Elevation 1287'
District McClellan County Doddridge
Quadrangle Centerpoint

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Clarkburg. This permit shall expire if operations have not commenced by 9-15-74

INSPECTOR TO BE NOTIFIED Paul Herrett
Clarkburg PH: 622-3871
W.V.

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated December 3, 1973 by Harold H. Reynolds made to RAMCO Oil & Gas Corp. and recorded on the _____ day of _____ 19____, in Doddridge County, Book _____ Page _____

NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, RAMCO Oil & Gas Corp.

(Sign Name) by: Carl E Moore
Well Operator [Signature]

P. O. Box 99
Street

Belpre
City or Town

Ohio 45714
State

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AD 304-296-4461

Address
of
Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BOND BILL

was:
Rodd-1768 PERMIT NUMBER
47-017 NOW: DODD-
1781-C

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Haight Brothers Drilling Co. NAME Brad Crouse
 ADDRESS Smithville, West Virginia ADDRESS P. O. Box 243, West Union, W. Va.
 TELEPHONE _____ TELEPHONE (304) 873-1745
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Injun
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	1000'	1000'	cemented to surface
7			
5 1/2			
4 1/2		2400'	350'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS 970'
 IS COAL BEING MINED IN THE AREA? no BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 2 - 1975
OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE September 30, 1975

Surface Owner Samuel Sadler Heirs
Address Sedalia, West Virginia
Mineral Owner Samuel Sadler Heirs
Address Sedalia, West Virginia
Coal Owner Samuel Sadler Heirs
Address Sedalia, West Virginia
Coal Operator None - no coal is being mined in

Company RAMCO Oil & Gas Corp.
Address P. O. Box 99, Belpre, Ohio 45714
Farm Samuel Sadler Acres 118
Location (waters) Big Battle Run of Robinson Fork
Well No. 3 Elevation 1287'
District McClellan County Doddridge
Quadrangle Centerpoint

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 2-2-76

[Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Paul Garrett
Address 622-3871 Clarksburg, W.Va.

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated December 3, 1973 by Harold H. Reynolds made to RAMCO Oil & Gas Corp. and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours, RAMCO Oil & Gas Corp.
(Sign Name) by: Carl E Moore
Well Operator [Signature]
P. O. Box 99
Street
Belpre
City or Town
Ohio 45714
State

Address
of
Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

Formerly:
DOD-1768

DOD-1791

PERMIT NUMBER

47-017

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Snow Drilling Company NAME Deon Sturm
 ADDRESS Salem, West Virginia ADDRESS 3514 Cadillac Dr., Parkersburg, W. Va.
 TELEPHONE (304) 782-1356 TELEPHONE (304) 422-2014
 ESTIMATED DEPTH OF COMPLETED WELL: 2400' ROTARY CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL GAS COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	1000'	1000'	cemented to surface
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4 1/2		2400'	350'
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Liners			Perf. Top
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APPROXIMATE FRESH WATER DEPTHS FEET SALT WATER FEET
 APPROXIMATE COAL DEPTHS 970'
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 For Coal Company

 Official Title