

Minimum Error of Closure 1 in 200'
 Sources of Elevation U.S.G.S. B.M. on Pike Fork Road
2500' West on location = 809'

- 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 S E W

Map No.

Company Rance Oil & Gas Corp.
 Address P.O. Box 99, Bellevue, Ohio
 Farm Lydia Swiger
 Tract Acres 71 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1281'
 Quadrangle Centerspoint C
 County Doddridge District McClellan
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Dec 26, 1973 Scale 1" = 300' = 435'

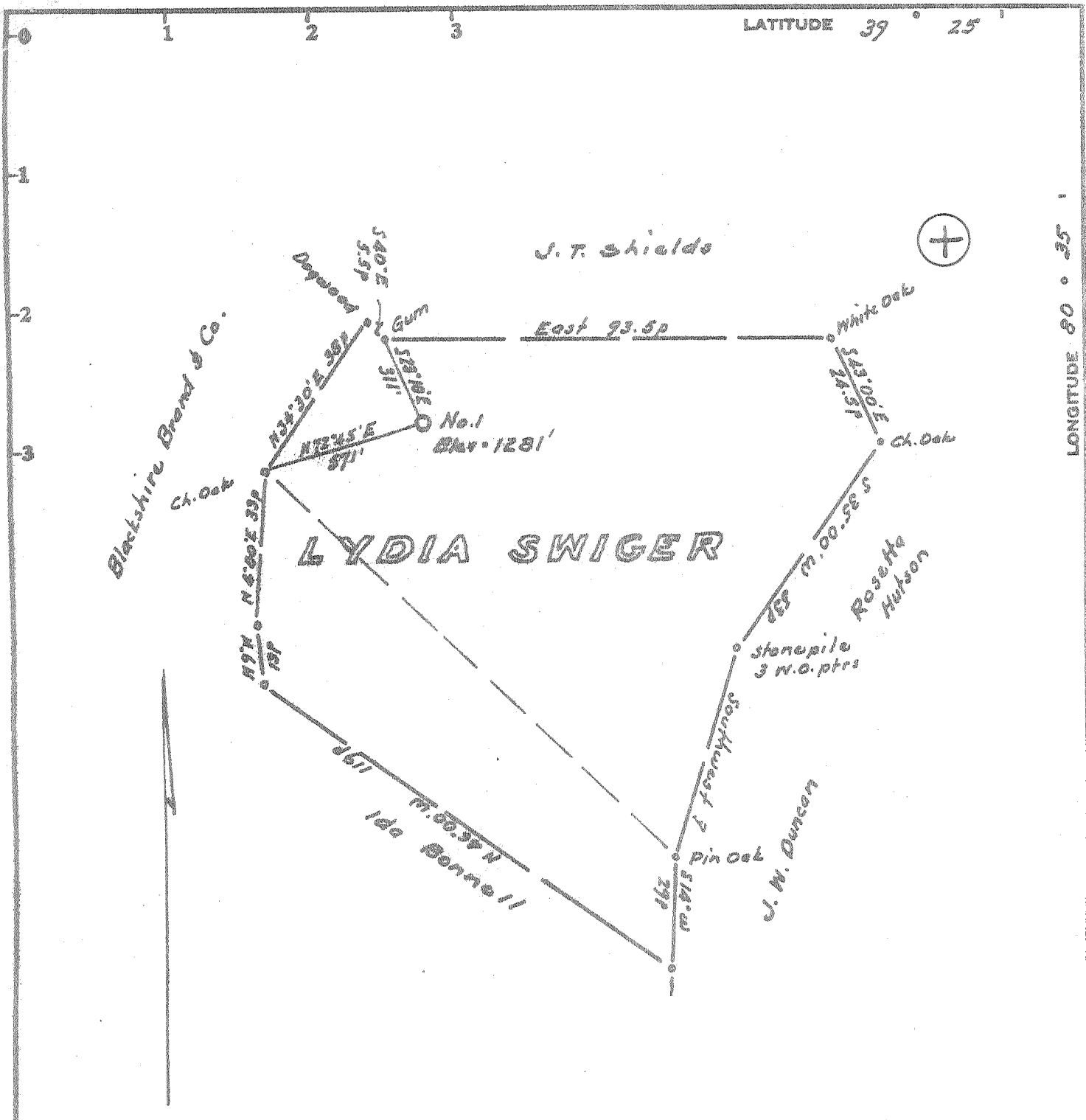
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. Dodd-1763
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.

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

47-017



LATITUDE 39° 25'

LONGITUDE 80° 35'

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

Signed: [Signature]
Squares: N S E W

Map No.

Company Ramco Oil & Gas Corp.
 Address P.O. Box 99, Bolgra, Ohio
 Farm Lydia Swiger
 Tract _____ Acres 71 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1281'
 Quadrangle Centerville C
 County Doddridge District McGellan
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Dec 26, 1973 Scale 1" = 300' = 495'

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

WELL LOCATION MAP

FILE NO. Dodd-1763

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-- Denotes one inch spaces on border line of original tracing. 47-017



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
DEC 27 1973

OIL & GAS DIVISION
DEPT. OF MINES

DEC 28 1973
WEST VIRGINIA
GEOLOGICAL SURVEY

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE December 27, 1973

Surface Owner Virgil P. Constable

Company RAMCO Oil & Gas Corp.

Address Centerpoint, W. Va.

Address P.O. Box 99, Belpre, Ohio 45714

Mineral Owner Homer Freeman et al

Farm Lydia Swiger Acres 71

Address Centerpoint, W. Va.

Location (waters) Robinson Fork

Coal Owner T. B. Smith

Well No. 1 Elevation 1281'

Address Centerpoint, W. Va.

District McClellan County Doddridge

Coal Operator None - no coal is being mined

Quadrangle Centerpoint

Address in the area.

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 4-27-74.

Robert K. Bell

Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED
Mr. Wm. Blosser
Box 1028 Fairmont
Calfax, W. Va. 363-9105
26566

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 February 10, 1973 by James F. Scott made to RAMCO Oil & Gas Corp. and recorded on the _____ day of _____ 19____, in Doddridge County, Book 95 Page 619

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: Randall E. Koton, Asst. Sec.
Well Operator

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

Address
of
Well Operator

P. O. Box 99
Street
Belpre
City or Town
Ohio 45714
State

*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 DRILL

Dodd-1763 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 Haight Drilling Company NAME Brad Crouse
 ADDRESS Smithville, W.Va. ADDRESS P. O. Box 243, West Union, W.Va. 26456
 TELEPHONE _____ TELEPHONE (304) 873-1745
 ESTIMATED DEPTH OF COMPLETED WELL: Big Injun 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'	cement to surface
7			
5 1/2			
4 1/2		2350'	300'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER FEET
 APPROXIMATE COAL DEPTHS 961'
 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