



Farm MAZE
API # 147-085-5650
Date 4-22-81

STATE OF WEST VIRGINIA
NORTH DISTRICT OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 882 Watershed: Gillespie Run
District: Grant County: Ritchie Quadrangle: Caico 7 1/2

WELL OPERATOR Reserve Exploration Co. DESIGNATED AGENT: Richard Nayhurst, Atty.
Address P.O. Box 419 Address Union Trust Building
Marion, Ohio 45750 Chickensburg, W. Va. 26101

OIL AND GAS ROYALTY OWNER G.W. Maze COAL OPERATOR None
Address 1801 36th Street Address
Parkersburg, W. Va. 26101

Acreage 25 COAL OWNER(S) WITH DECLARATION ON RECORD
NAME

SURFACE OWNER G.W. Maze NAME
Address 1801 36th Street Address
Parkersburg, W. Va. 26101

Acreage 25 NAME
Address

FIELD SALE (IF MADE) TO: NAME
Address COAL LESSEE WITH DECLARATION ON RECORD:
NAME

OIL AND GAS INSPECTOR TO BE NOTIFIED: NAME K. Paul Goodnight
Address Smithville, W. Va. 26178

Telephone 1-304-477-3660

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract dated Jan 5, 1982, to the undersigned well operator from Quaker State - Fairmont.

(If said deed, lease, or other contract has been recorded:)

Recorded on Pending, 1981, in the office of the Clerk of County Commission of Ritchie County, West Virginia, in Book at page . A permit is requested as follows:

PROPOSED WORK: Drill / Drill Deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify)

as planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code 522-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Reserve Exploration Company
Well Operator
Robert E. Kirkbride
Vice President

RECEIVED
MAY 10 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) A T T R E P E R I T A C O R P O R A T I O N

Address Case X 110 1391

GEOLOGICAL TARGET FORMATION Devonian shale

Estimated depth of completed well 4000 feet Rotary Cable tools X /

Approximate water strata depths: Fresh, feet; salt, feet.

Approximate coal seam depths:

Is coal being mined in this area: Yes/No

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For Drill, Left in), CEMENT/FILL (UP OR PACKS, Cubic ft.), PACKERS (Kinds, Sizes, Depths set, Perforations: Top Bottom)

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22, ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 1-28-83

BY

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 19

By: [Signature]

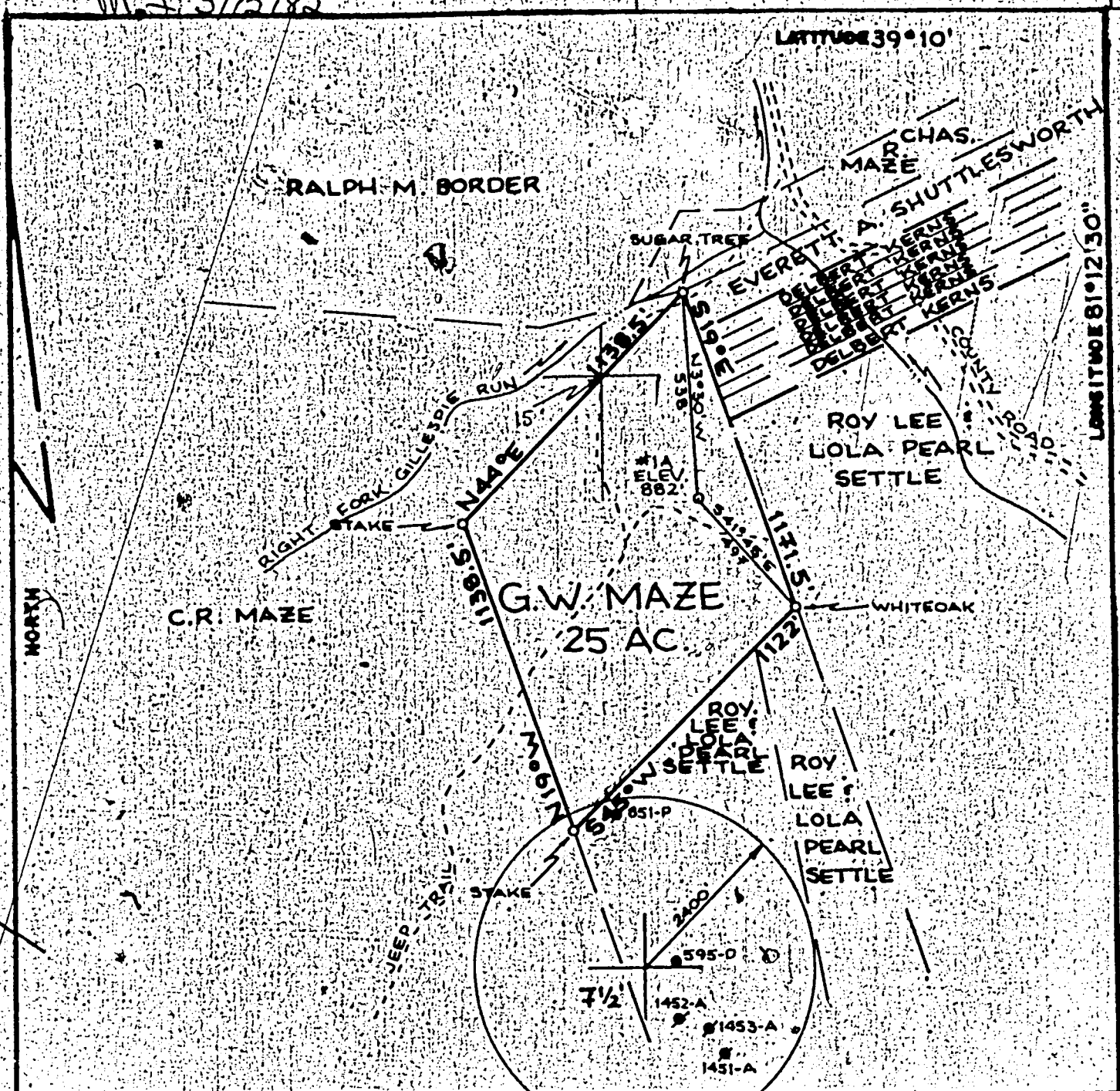
101-512/82

6700

LATITUDE 39° 10'

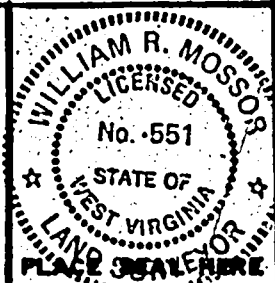
LONGITUDE 81° 12' 30"

13420



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION BR. INT. ELEV. 698'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) William R. Mossor
 R.P.E. _____ L.L.S. 551



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE 9 APRIL, 1982
 OPERATOR'S WELL NO. #1A
 API WELL NO. 47-085-5650
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 882' WATER SHED GILLESPIE RUN (RIGHT FORK) (F)
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE CAIRO 7 1/2' QUAD.
 SURFACE OWNER G.W. MAZE ACREAGE 25
 OIL & GAS ROYALTY OWNER G.W. MAZE LEASE ACREAGE 25
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4000'
 WELL OPERATOR RESERVE EXPLORATION DESIGNATED AGENT RICHARD HAYHURST, ATTY.
 ADDRESS P.O. BOX 419 ADDRESS UNION TRUST BUILDING
MARIETTA, OHIO 45750 PARKERSBURG, W.VA. 26101

KIT 5650



IV-9
(Rev 8-81)

DATE 9 APRIL, 1982

WELL NO. 1A

State of West Virginia

API NO. 47 - 085 - 5650

Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME RESERVE EXPLORATION
ADDRESS P.O. BOX 91
MARIETTA, OHIO 45750
Telephone (614) 373-2220

DESIGNATED AGENT RICHARD HAYHURST, ATTY.
ADDRESS UNION TRUST BUILDING
PARKERSBURG, W.VA. 26101
Telephone (304) 485-4403

LANDOWNER G.W. MAZE

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by KEITH LAYFIELD (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-27-82 (Date)

Janett Newton
(SCD Agent)

RECEIVED
MAY 10 1982

ACCESS ROAD

LOCATION OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Structure LARGE CULVERT (A)

Structure DIVERSION DITCH (1)

Spacing 12" MIN. - 30" MAX. ID

Material SOIL

Page Ref. Manual 2:8

Page Ref. Manual 2:10

Structure CROSS DRAIN (B)

Structure RIP-RAP (2)

Spacing 45' TO 400' (AS NEEDED)

Material ROCK - LOGS

Page Ref. Manual 2:4

Page Ref. Manual N/A

Structure RIP-RAP (STONE-LOGS) (C)

(D) Structure DRAINAGE DITCH (X)

Spacing SAME AS CROSS DRAIN

Material _____

Page Ref. Manual N/A

Page Ref. Manual 2:10

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY OR STRAW 2 Tons/acre

Mulch HAY OR STRAW 2 Tons/acre

Seed* KY31 TALL FESCUE 40 lbs/acre

Seed* KY31 TALL FESCUE 40 lbs/acre

REDFOP 5 lbs/acre

REDFOP 5 lbs/acre

lbs/acre

lbs/acre

lbs/acre

lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ADDRESS 112 NORTH SPRING STREET

HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572



State of West Virginia
 Department of Mines,
 Oil and Gas Division
 Charleston 25305

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

August 13, 1984

Reserve Exploration Company
 P. O. Box 419
 Marietta, Ohio 45750

In Re: PERMIT NO: 47-085-5650 5/82
 FARM: G. W. Maze
 WELL NO: 1A
 DISTRICT: Grant
 COUNTY Ritchie
 ISSUED May 1982

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check below applies:

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

_____ Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

_____ Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

Theodore M. Streit, Administrator
 Office of Oil & Gas-Dept. Mines

TMS/rl

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 STATUS INSPECTION REQUEST
 INSPECTOR'S COMPLIANCE REPORT

RECEIVED
 AUG 6 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 47-085-5650 County Ritchie
 Company Reserve Exploration Co. Farm G.W. Maze
 Inspector Samuel Hersman Well No. 1A
 Date July 30, 1984 Issued 5-28-82

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: Release on Cancellation if location is ok and well not drilled.

O.K. To CANCEL

I have inspected the above well and (Have/Have Not) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas-Department of Mines of the State of West Virginia.

SIGNED: [Signature]
 DATE: 8-2-84