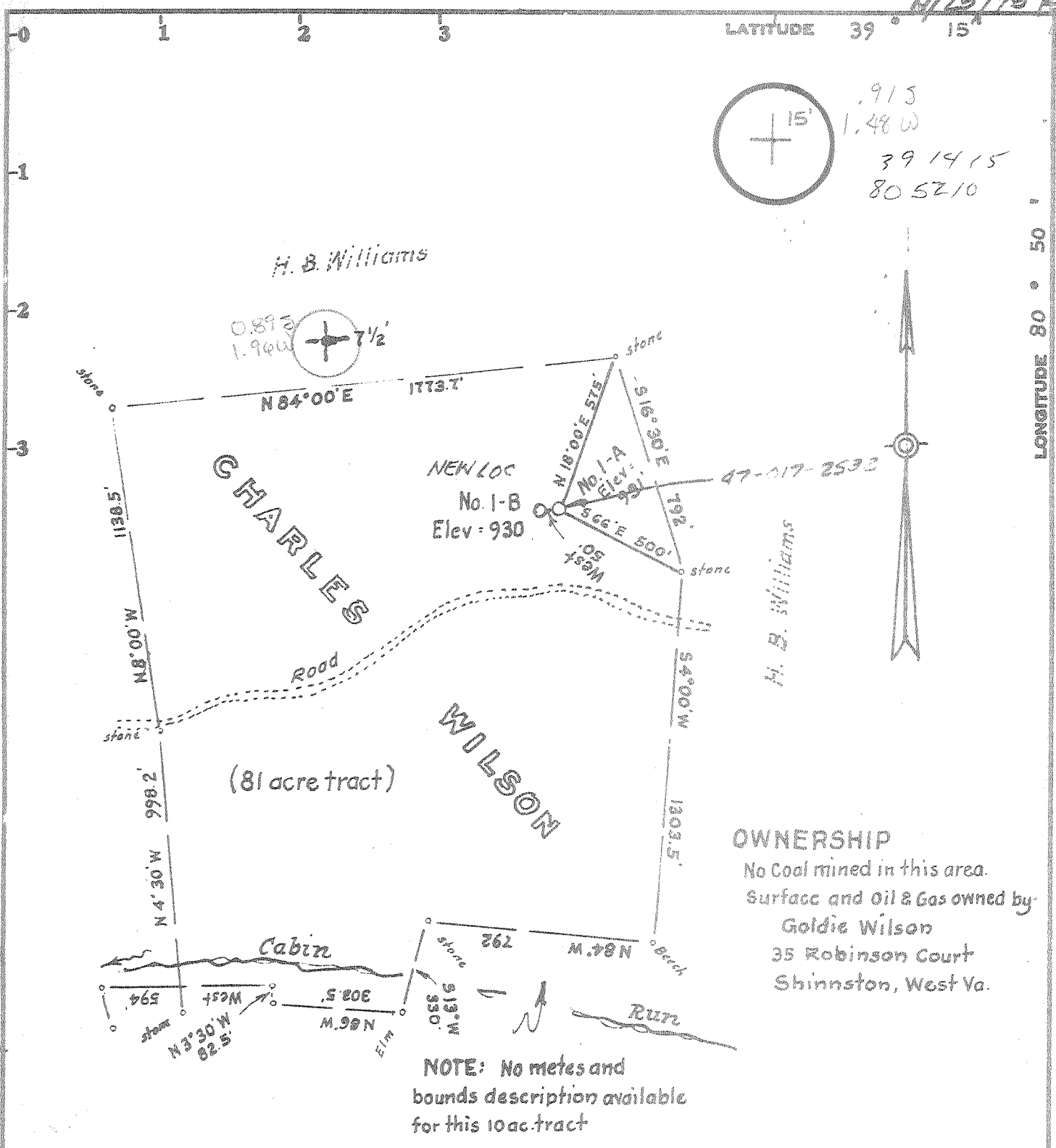


4/29/79 B



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: W. H. [Signature]
 Squares: N S E W

Map No. _____

Company UNITED OPERATING CO.
 Address 600 Commerce Sq. Charleston, West Va.
 Farm Charles Wilson GOLDIE WILSON
 Tract _____ Acres 91 Lease No. _____
 Well (Farm) No. 1-B Serial No. _____
 Elevation (Spirit Level) 930' NC
 Quadrangle Oxford 7 1/2 Holbrook 15
 County Doddridge District Central
 Engineer W. H. [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Nov. 14, 1979 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. 47-017-2544
 *~~47-017-2532-REV ISSUED IN ERROR~~

+ Denotes location of well on United States Topographic Maps, scale 1 to ^{24,000}/_{62,500}, latitude and longitude lines being represented by border lines as shown.

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

Wilson 250/15-6 Greenwood (89)

Date: February 15, 1980

Operator's
Well No. GOLDIE WILSON 1-B

API Well No. 47 - 017 - 2544
State County Permit

FEB 19 1980

OIL & GAS DIVISION STATE OF WEST VIRGINIA
DEPT. OF MINES DEPARTMENT OF MINES, OIL AND GAS DIVISION

WELL OPERATOR'S REPORT 13

OF
DRILLING, FRACTURING AND/OR STIMULATING OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow ___ /)
LOCATION: Elevation: 931 Watershed: Cabin Run of North Fork of Hughes River
District: Central County: Doddridge Quadrangle: Oxford 7½, Holbrook 15

WELL OPERATOR UNITED OPERATING COMPANY DESIGNATED AGENT JACK L. TRITTIPO
Address 600 Commerce Square Address 600 Commerce Square
Charleston, WV 25301 Charleston, WV 25301

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

PERMIT ISSUED ON December 4, 1979

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV (622-3871)

GEOLOGICAL TARGET FORMATION: Weir Depth 2,500 feet

Depth of completed well, 2,393 feet Rotary X / Cable Tools ___

Water strata depth: Fresh, ___ feet; salt, ___ feet.

Coal seam depths: ___ Is coal being mined in the area? ___

Work was commenced 1-9, 1980, and completed 1-14, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kind
Fresh water								
Coal								Size
Intermediate	8-5/8	H	20	X		281	281	circulated
Production	4-1/2	CW	10.5	X		0	2360	800 feet
Tubing								Depth set
Linings								Perforations:
								Top Bottom
								2234 2244

OPEN FLOW DATA

Producing formation Weir Pay zone depth 2230-46 feet

Gas: Initial open flow, No test Mcf/d Oil: Initial open flow, No test bbl/d

Final open flow, ___ Mcf/d Final open flow, 5 bbl/d

Time of open flow between initial and final tests, ___ hours

Static rock pressure, 600 psig (surface measurement) after 72 hours shut in

[If applicable due to multiple completion--]

Second producing formation ___ Pay zone depth ___ feet

Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ bbl/d

Final open flow, ___ Mcf/d Final open flow, ___ bbl/d

Time of open flow between initial and final tests, ___ hours

Static rock pressure, ___ psig (surface measurement) after ___ hours shut in

MAR 10 1980

017-2544

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fractured 450 bbls. fluid - 15,000# 80/100 20,000# 20/40
Two stages/Perf. 2234-44

WELL LOG

FORMATION	Color	Hard or Soft	13 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
and-Shale	Grey	Soft	0	1380	
and	Grey	Hard	1380	1460	
hale-Sand	Grey	Soft	1460	1780	
and	Grey	Hard	1780	1888	
ime	Grey	Hard	1888	2002	
and-Big Injun	Grey	Soft	2002	2044	
quaw	"	Soft	2044	2064	
ale	Grey	Soft	2064	2230	
ir	Grey	Soft	2230	2308	
ale	Grey	Soft	2308	2392	T.D.

(Attach separate sheets to complete as necessary)

United Operating Company
Well Operator

By Jack L. Trittipio (Jack L. Trittipio)
Its President

NOTE: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, WEIR

Estimated depth of completed well, 2500 feet Rotary / Cable tools

Approximate water strata depths: Fresh, 60 feet; salt, _____ feet.

Approximate coal seam depths: NA Is coal being mined in the area? Yes / No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kind
Fresh water	8-5/8 H		20	X		300	300	circulated
Coal								Sizes
Intermediate								
Production	4 1/2	K	10.5	X		0	2500	1,000'
Tubing								Depths set
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.32 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-3, "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

If operations being in compliance with Chapter 22, of the W. Va. Code, the location is hereby approved

for drilling _____ This permit shall expire if

operations not commenced by 8-4-80.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

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 _____

Its _____