

CASING AND TUBING

	<u>SIZE</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>LENGTH</u>	<u>PERFORATIONS</u> <u>FEET TO FEET</u>	<u>PACKERS OR</u> <u>BRIDGE PLUGS</u> <u>KIND SIZE SET AT</u>
CONDUCTOR	16"		39'			

CASING

Circulated
and Cemented
to Surface

WATER PROTECTION

(Casing Set
According to
Section

45.1-334) 11 3/4" 352'

COAL PROTECTION

(Casing Set
According to
Section

45.1-334)

OTHER CASING &

Tubing Left

In Well 4 1/2" 2517'
2 3/8" 2232'

LINERS

Remaining
In Well

OTHER used and not
left

Is the well underlain by Red Shale Yes ___ No, If Yes, was coal
protection string set to Red Shales? Yes ___ No

REMARKS: Shut down, fishing jobs, depths and dates, caving, etc.

Samples and Cuttings

Will Will not be available for examination by a member of the Virginia Division of Mineral Resources

Will Will not be furnished to the Virginia Division of Mineral Resources upon request

Will Will not require sacks to be furnished by the Virginia Division of Mineral Resources

Electric Logs and Surveys:

Type of Electric Log(s) Ran: DEN/TEMP/GR

Did log disclose vertical location of a coal seam? Yes No

Was log made at request of a coal owner according to Section 45.1-333.B.1 of the Virginia Code? Yes No

Note: If a coal seam was located, the part of the survey from the surface through the coal is attached in accordance with Section 45.1-333.B.3 of the Virginia Code

Deviation Surveys

Deviation surveys were were not required under Section 45.1-333.C of the Virginia Code "to the bottom of the lowers published coal seam depth."

Note: If a deviation survey(s) was/were required, the survey results are as follows:

<u>Depth of Survey</u>	<u>Feet/Degree Deviated From True Vertical</u>	<u>Depth of Survey</u>	<u>Feet/Degree Deviated From True Vertical</u>
	See Attachment		

A continuous survey was was not required, under Section 45.1-333.C of the Virginia Code.

Note: If a continuous survey was required, the survey results are attached.

Changes in the Permitted Well Work:

The well operator did did not make any change(s) in the permitted well work, verbally approved by the Inspector or Assistant Inspector under Regulation 4.03 of the Regulations under the Virginia Oil and Gas Act, for the purpose of insuring successful completion of the well work.

NOTE: The nature and purpose of each such change, if any, is set out below or on additional sheets if such are required.

Confidentiality Status:

Confidentiality status under Section 45.1-332 of the Virginia Code:

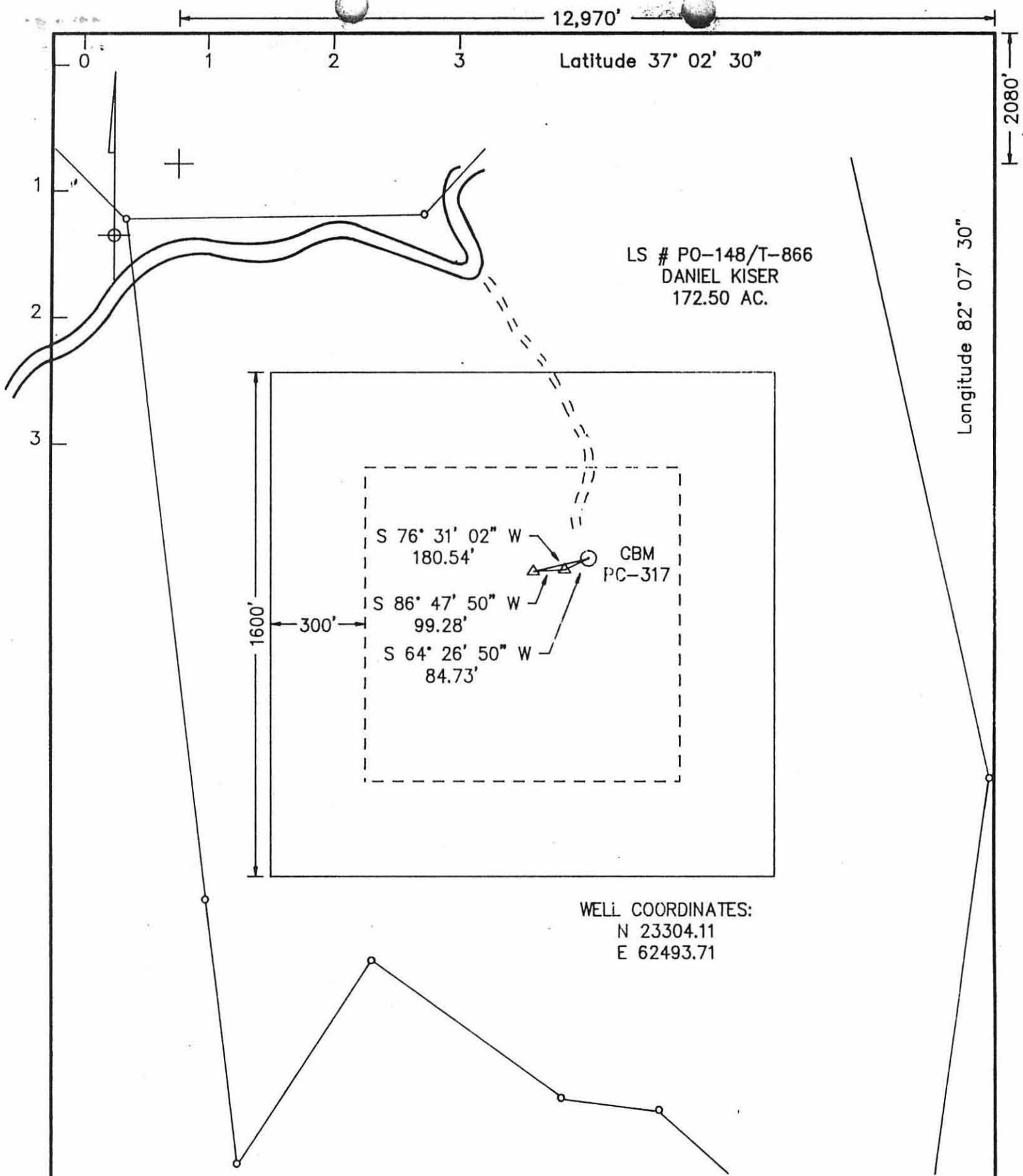
The operator requests that information herein and log(s) be kept confidential (after COMPLETION DATE of the well) for a period of

Ninety (90) days
 two (2) years, if the well is exploratory

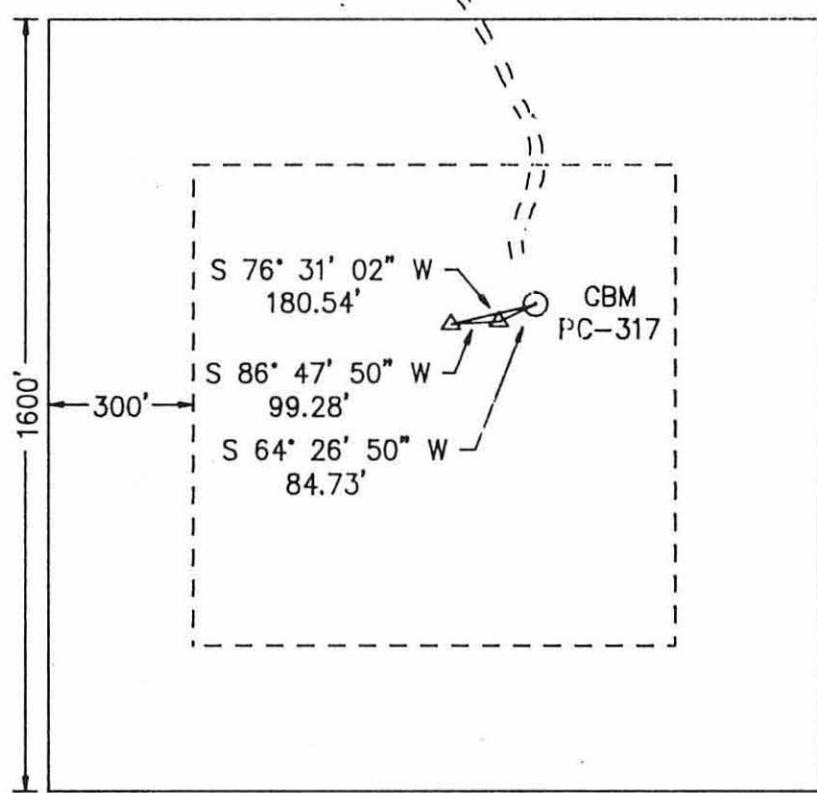
DIRECTIONAL SURVEY

WELL PC-317

<u>DEPTH</u>	<u>DEGREES</u>
200	3/4°
450	1°
698	1°
912	1 1/4°
1100	1°
1320	1°
1541	3/4°
1760	1 1/2°
1946	1°
2140	1 1/4°
2323	1 1/4°
2510	1°



LS # PO-148/T-866
 DANIEL KISER
 172.50 AC.



WELL COORDINATES:
 N 23304.11
 E 62493.71

COMPANY EQUITABLE RESOURCES EXPLORATION
 ADDRESS 1989 E. STONE DRIVE, 2 EXE PARK PLACE
KINGSPORT, TN 37660
 WELL NAME PC-317
 FARM DANIEL KISER TRACT T-866
 LEASE NO. PO - 148 ELEVATION 2525.00
 ACRES 172.50 QUADRANGLE DUTY
 COUNTY RUSSELL DISTRICT CASTLEWOOD
 REG. ENGINEER X REG. NO. 7833
 CERT. LAND SURVEYOR _____ CERT. NO. _____
 FILE NO. _____ DRAWING NO. _____
 DATE AUGUST 20, 1990 SCALE 1" = 400'

This plat is X new _____ updated
 This plat X is _____ is not based
 on a mine coordinate system established
 for the areas of the well location.

FORM DGO - GO - 5

WELL LOCATION MAP
 WELL NO. PC-317

† Denotes location of well on United States
 Topographic Maps, scale 1 to 24,000 lat-
 itude and longitude lines being represented
 by border lines as shown

CERTIFICATION OF WELL PLAT

I, the undersigned, hereby certify that
 this plat is correct to the best of my
 knowledge and shows all the
 information required by law and the
 regulations of the Va. Well Reg. Board.

No. 1833 8/20/90
 Registered Engineer or Certified
 Land Surveyor in Charge
 DENNIS D. WILLIS
 PROFESSIONAL ENGINEER